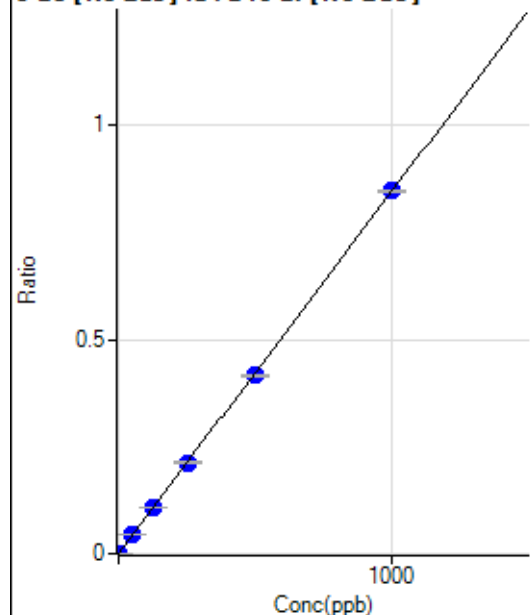


Batch Folder: D:\ICP-MS Data\P7072919 MS.b\
Analysis File: P7072919 MS.batch.bin
DA Date-Time: 2019-07-29 16:15:22
Calibration Title:
Calibration Method: External Calibration
VIS Interpolation Fit:

Level	Standard Data File	Sample Name	Acq. Date-Time
1	003CALB.d	S00	2019-07-29 11:36:21
2	004CALS.d	S01	2019-07-29 11:39:57
3	005CALS.d	S02	2019-07-29 11:44:43
4	006CALS.d	S03	2019-07-29 11:48:39
5	007CALS.d	S04	2019-07-29 11:52:48
6	008CALS.d	S05	2019-07-29 11:56:38
7	009CALS.d	S06	2019-07-29 12:00:27
8	010CALS.d	S07	2019-07-29 12:04:12
9	011CALS.d	S08	2019-07-29 12:08:00

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

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	58.89	0.0000	P	8.9
2	☐	0.100	0.104	298.90	0.0001	P	14.3
3	☐	1.000	0.999	2476.91	0.0009	P	1.6
4	☐	50.000	51.434	117522.02	0.0435	P	1.0
5	☐	125.000	126.997	271879.49	0.1074	P	0.2
6	☐	250.000	252.389	491563.08	0.2134	P	0.2
7	☐	500.000	492.582	940866.54	0.4165	P	0.6
8	☐	1000.000	1002.790	1916823.15	0.8478	P	0.3
9	☐			451.13	0.0002	P	18.7

$$y = 8.4540\text{E-}004 * x + 2.1388\text{E-}005$$

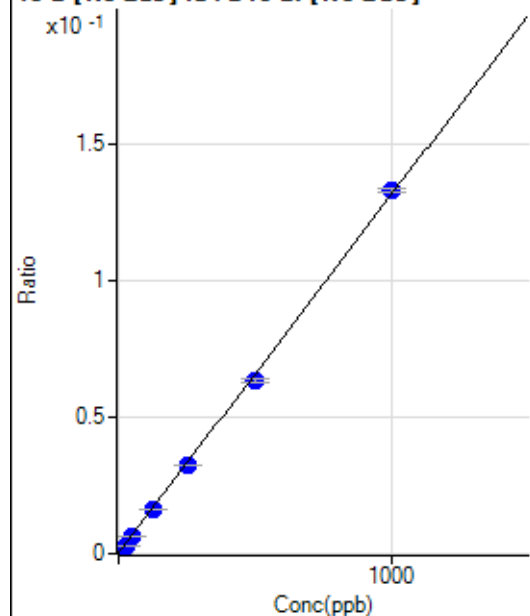
$$R = 1.0000$$

$$DL = 0.006752$$

$$BEC = 0.0253$$

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	725.05	0.0003	P	19.6
2	☐	2.500	2.293	1541.81	0.0006	P	10.2
3	☐	25.000	21.606	8875.20	0.0031	P	1.6
4	☐	50.000	48.264	17852.82	0.0066	P	0.4
5	☐	125.000	120.965	40934.09	0.0162	P	1.7
6	☐	250.000	245.300	74893.96	0.0325	P	0.7
7	☐	500.000	483.285	144139.59	0.0638	P	2.3
8	☐	1000.000	1010.209	300877.15	0.1331	P	0.9
9	☐			15611.41	0.0070	P	7.8

$$y = 1.3147\text{E-}004 * x + 2.6330\text{E-}004$$

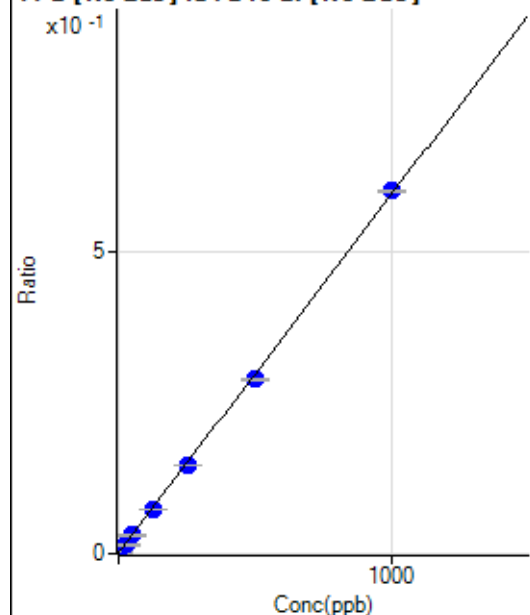
$$R = 0.9998$$

$$DL = 1.178$$

$$BEC = 2.003$$

Weight: <None>

Min Conc: 0

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

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	3283.82	0.0012	P	1.6
2	☐	2.500	2.590	7454.89	0.0027	P	2.8
3	☐	25.000	22.278	41243.55	0.0144	P	2.7
4	☐	50.000	49.132	82066.88	0.0304	P	1.0
5	☐	125.000	121.287	185396.30	0.0732	P	2.0
6	☐	250.000	246.039	339404.17	0.1473	P	1.0
7	☐	500.000	483.588	651679.37	0.2884	P	1.8
8	☐	1000.000	1009.772	1358872.38	0.6010	P	0.8
9	☐			71154.72	0.0319	P	6.6

$$y = 5.9401E-004 * x + 0.0012$$

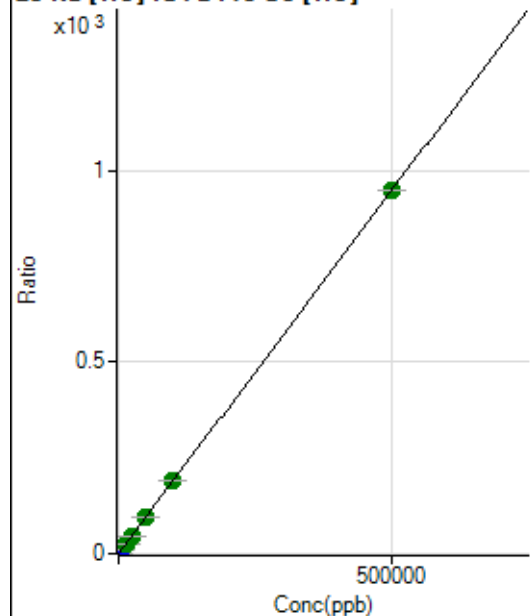
$$R = 0.9998$$

$$DL = 0.0973$$

$$BEC = 2.008$$

Weight: <None>

Min Conc: 0

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

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	12819.86	0.0493	P	3.9
2	☐	50.000	51.685	38876.35	0.1472	P	0.9
3	☐	500.000	485.042	258101.14	0.9680	P	1.6
4	☐	5000.000	5032.937	2408809.25	9.5827	P	0.1
5	☐	12500.000	12469.257	5486244.91	23.6687	A	0.7
6	☐	25000.000	25034.843	10529182.44	47.4706	A	0.3
7	☐	50000.000	49344.290	20540612.26	93.5178	A	0.9
8	☐	100000.00	101511.41	43634561.74	192.3334	A	0.8
9	☐	500000.00	499762.00	219265910.4	946.7045	A	0.1

$$y = 0.0019 * x + 0.0493$$

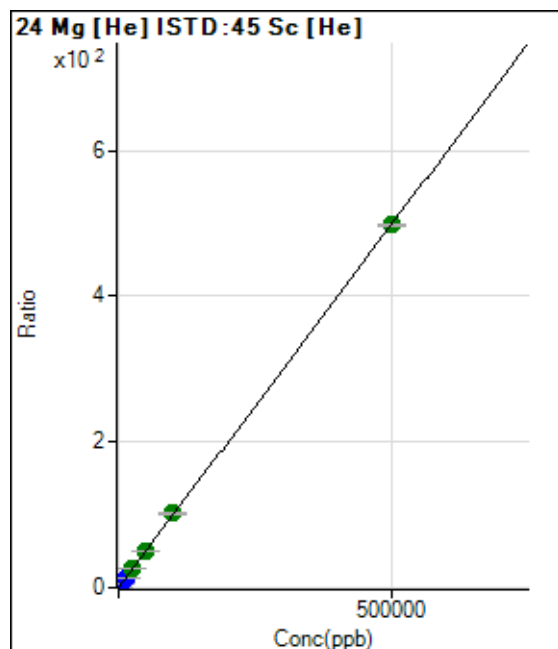
$$R = 1.0000$$

$$DL = 3.035$$

$$BEC = 26$$

Weight: <None>

Min Conc: 0



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	113.89	0.0004	P	40.2
2	☐	50.000	55.252	14657.71	0.0555	P	1.7
3	☐	500.000	502.281	133559.69	0.5009	P	2.3
4	☐	5000.000	5115.149	1281279.71	5.0972	P	0.5
5	☐	12500.000	12583.211	2906375.85	12.5385	P	0.3
6	☐	25000.000	25390.976	5611698.91	25.3002	A	0.4
7	☐	50000.000	49825.562	10904927.68	49.6471	A	0.5
8	☐	100000.00	102001.74	23058464.75	101.6359	A	0.4
9	☐	500000.00	499594.31	115294923.4	497.8008	A	0.2

$$y = 9.9641\text{E-}004 * x + 4.3742\text{E-}004$$

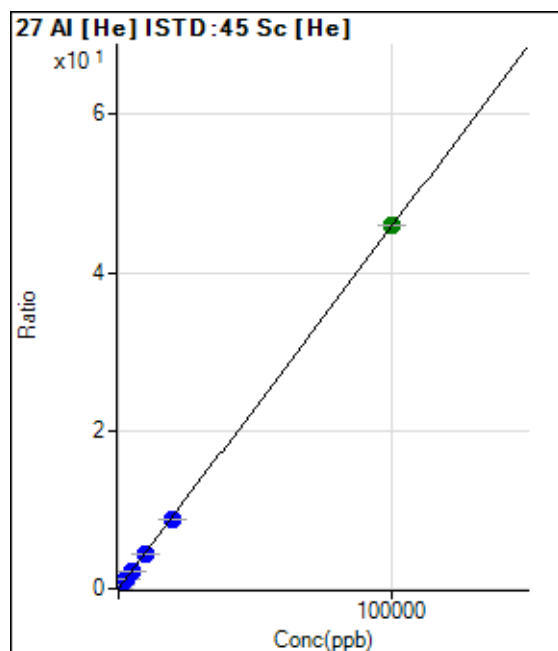
$$R = 1.0000$$

$$DL = 0.5294$$

$$BEC = 0.439$$

Weight: <None>

Min Conc: 0



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	61.11	0.0002	P	55.1
2	☐	2.000	1.786	277.79	0.0011	P	23.6
3	☐	20.000	17.441	2191.91	0.0082	P	7.6
4	☐	1000.000	981.842	113075.51	0.4499	P	1.6
5	☐	2500.000	2410.191	255891.04	1.1040	P	0.4
6	☐	5000.000	4806.938	488310.32	2.2015	P	1.2
7	☐	10000.000	9399.338	945500.24	4.3046	P	0.5
8	☐	20000.000	19304.572	2005680.19	8.8405	P	0.3
9	☐	100000.00	100211.23	10628872.37	45.8908	A	0.1

$$y = 4.5794\text{E-}004 * x + 2.3475\text{E-}004$$

$$R = 1.0000$$

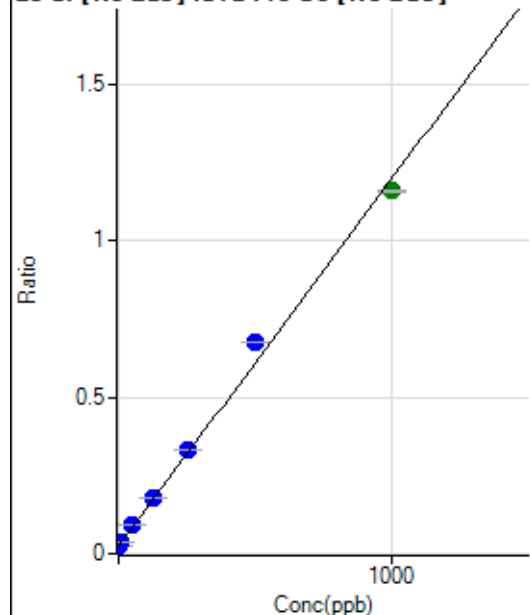
$$DL = 0.8467$$

$$BEC = 0.5126$$

Weight: <None>

Min Conc: 0

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



	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	145116.56	0.0235	P	1.1
2	☒	1.000					
3	☐	10.000	10.053	211063.38	0.0353	P	1.1
4	☐	50.000	56.957	514026.38	0.0903	P	0.5
5	☐	125.000	133.927	963510.57	0.1807	P	0.6
6	☐	250.000	260.983	1605824.30	0.3299	P	0.1
7	☐	500.000	555.618	3265954.79	0.6758	P	0.7
8	☐	1000.000	967.981	5737396.87	1.1599	A	0.3
9	☐			248913.33	0.0502	P	0.6

$$y = 0.0012 * x + 0.0235$$

$$R = 0.9976$$

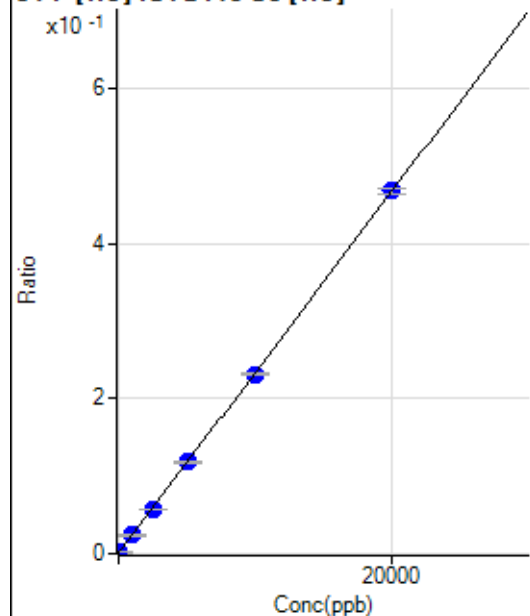
$$DL = 0.6307$$

$$BEC = 19.99$$

Weight: <None>

Min Conc: 0

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



	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	-23.963	88.89	0.0003	P	39.1
2	☒	0.000					
3	☐	0.000	23.963	388.91	0.0015	P	7.1
4	☐	1000.000	985.284	5998.71	0.0239	P	3.3
5	☐	2500.000	2427.760	13325.93	0.0575	P	0.0
6	☐	5000.000	5021.738	26162.64	0.1180	P	1.9
7	☐	10000.000	9890.212	50832.14	0.2314	P	1.4
8	☐	20000.000	20059.226	106279.73	0.4685	P	1.6
9	☐			158.34	0.0007	P	6.3

$$y = 2.3309E-005 * x + 9.0014E-004$$

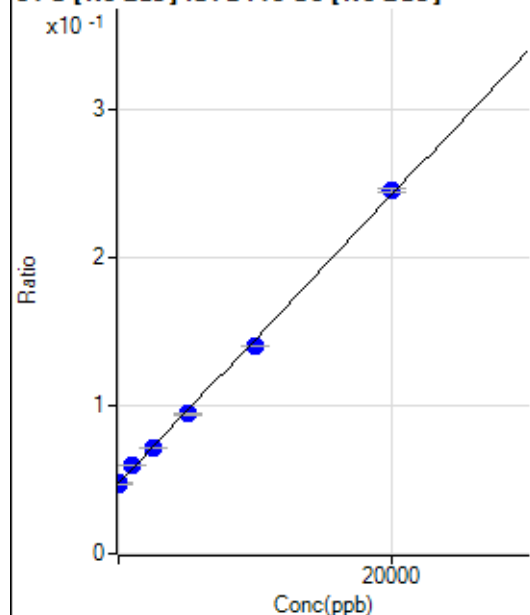
$$R = 1.0000$$

$$DL = 15.26$$

$$BEC = 38.62$$

Weight: <None>

Min Conc: 0

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

	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	40.936	296093.85	0.0479	P	0.6
2	☒	0.000					
3	☐	0.000	-40.936	281767.54	0.0471	P	1.0
4	☐	1000.000	1219.295	337810.19	0.0594	P	0.5
5	☐	2500.000	2489.254	382585.00	0.0717	P	0.7
6	☐	5000.000	4811.890	459485.90	0.0944	P	0.7
7	☐	10000.000	9540.862	678921.06	0.1405	P	0.6
8	☐	20000.000	20266.975	1212034.36	0.2450	P	0.9
9	☐			199457.28	0.0402	P	2.3

$$y = 9.7478\text{E-}006 * x + 0.0475$$

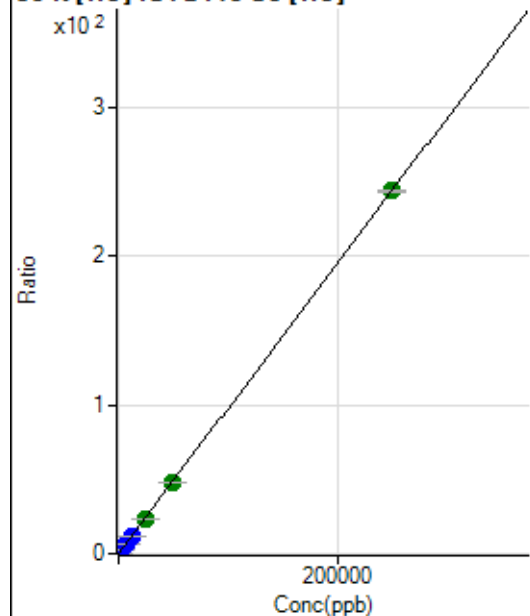
$$R = 0.9994$$

$$DL = 119.2$$

$$BEC = 4871$$

Weight: <None>

Min Conc: 0

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

	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	17121.66	0.0658	P	5.3
2	☐	50.000	48.397	29814.22	0.1128	P	2.1
3	☐	500.000	476.530	141092.55	0.5292	P	0.8
4	☐	2500.000	2484.897	623919.36	2.4821	P	0.5
5	☐	6250.000	6071.463	1383720.72	5.9697	P	0.9
6	☐	12500.000	12036.605	2610667.90	11.7702	P	0.3
7	☐	25000.000	23805.687	5098923.51	23.2145	A	0.9
8	☐	50000.000	49056.450	10837319.77	47.7683	A	0.3
9	☐	250000.00	250335.97	56396195.01	243.4927	A	0.2

$$y = 9.7240\text{E-}004 * x + 0.0658$$

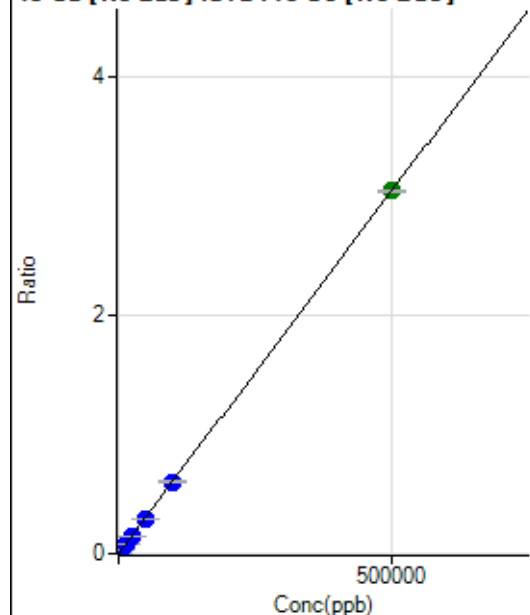
$$R = 1.0000$$

$$DL = 10.73$$

$$BEC = 67.65$$

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	152.79	0.0000	P	25.3
2	☐	50.000	50.510	1900.21	0.0003	P	3.6
3	☐	500.000	468.853	17185.65	0.0029	P	2.1
4	☐	5000.000	5026.265	173817.68	0.0305	P	1.2
5	☐	12500.000	12336.731	399596.79	0.0749	P	0.5
6	☐	25000.000	24536.874	725493.00	0.1490	P	0.5
7	☐	50000.000	48449.251	1422025.34	0.2943	P	0.1
8	☐	100000.00	99378.603	2985247.12	0.6035	P	0.7
9	☐	500000.00	500306.36	15075713.36	3.0383	A	0.4

$$y = 6.0729\text{E-}006 * x + 2.4714\text{E-}005$$

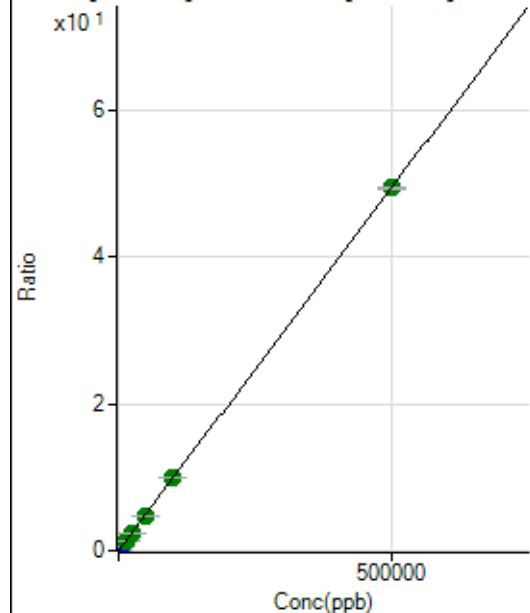
$$R = 1.0000$$

$$DL = 3.089$$

$$BEC = 4.069$$

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	6721.37	0.0011	P	4.9
2	☐	50.000	52.520	36028.16	0.0063	P	1.7
3	☐	500.000	467.942	283615.34	0.0474	P	0.7
4	☐	5000.000	4970.696	2804992.51	0.4930	P	0.4
5	☐	12500.000	12324.703	6508908.57	1.2207	A	0.3
6	☐	25000.000	24675.985	11892000.01	2.4429	A	0.3
7	☐	50000.000	48713.331	23301145.66	4.8216	A	0.2
8	☐	100000.00	100770.48	49329435.13	9.9729	A	0.0
9	☐	500000.00	499995.47	245506563.8	49.4786	A	0.4

$$y = 9.8956\text{E-}005 * x + 0.0011$$

$$R = 1.0000$$

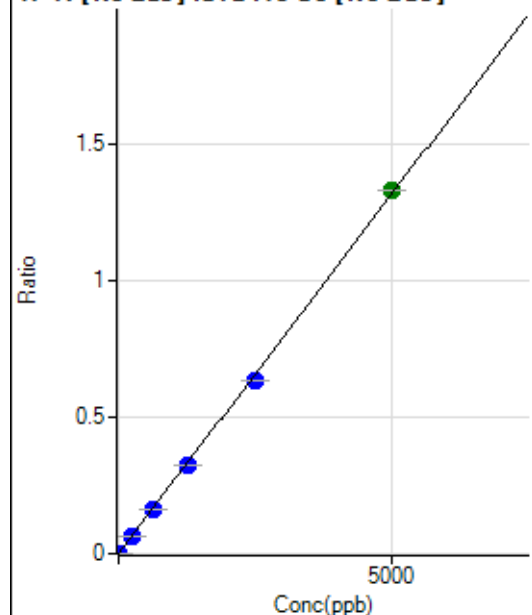
$$DL = 1.608$$

$$BEC = 10.98$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	97.23	0.0000	P	21.7
2	☐	0.500	0.595	988.96	0.0002	P	8.1
3	☐	5.000	5.087	8113.70	0.0014	P	7.2
4	☐	250.000	250.335	375471.87	0.0660	P	0.7
5	☐	625.000	618.649	869374.35	0.1631	P	0.6
6	☐	1250.000	1226.856	1573958.02	0.3233	P	0.2
7	☐	2500.000	2413.881	3074345.92	0.6362	P	0.4
8	☐	5000.000	5049.622	6582391.07	1.3308	A	0.1
9	☐			2755.94	0.0006	P	17.8

$$y = 2.6353E-004 * x + 1.5727E-005$$

$$R = 0.9998$$

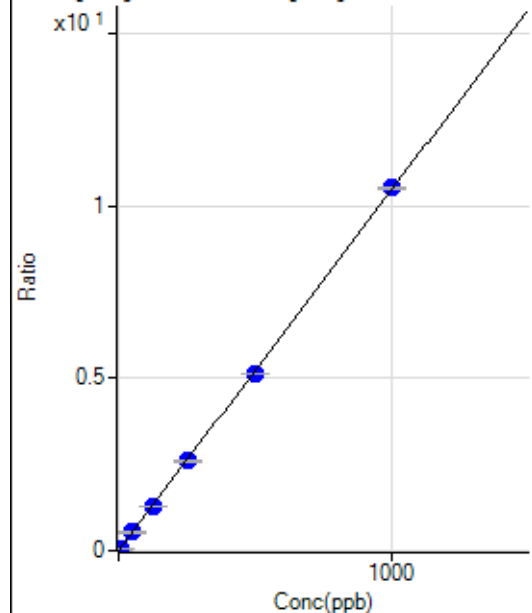
$$DL = 0.03893$$

$$BEC = 0.05968$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	5.55	0.0000	P	69.2
2	☐	0.500	0.557	1545.66	0.0059	P	4.0
3	☐	5.000	5.107	14249.27	0.0534	P	1.2
4	☐	50.000	50.653	133184.26	0.5298	P	1.0
5	☐	125.000	124.336	301467.35	1.3006	P	0.6
6	☐	250.000	248.396	576297.34	2.5983	P	0.5
7	☐	500.000	489.888	1125538.67	5.1243	P	0.5
8	☐	1000.000	1005.507	2386180.54	10.5176	P	0.2
9	☐			406.68	0.0018	P	11.5

$$y = 0.0105 * x + 2.1325E-005$$

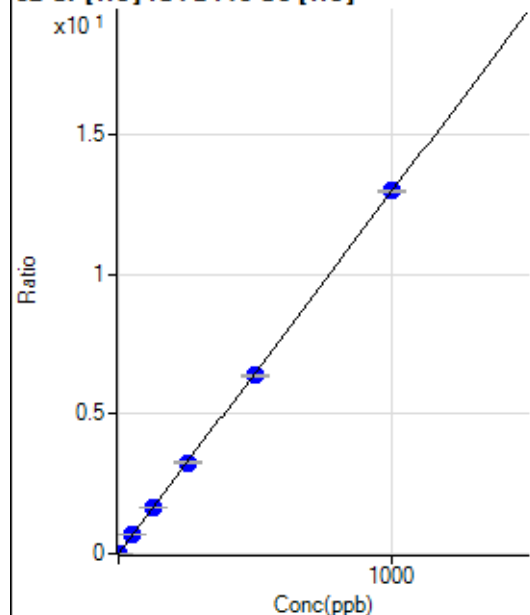
$$R = 0.9999$$

$$DL = 0.004235$$

$$BEC = 0.002039$$

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	736.70	0.0028	P	4.8
2	☐	0.200	0.150	1260.07	0.0048	P	0.6
3	☐	2.000	1.975	7568.72	0.0284	P	1.3
4	☐	50.000	51.517	168272.68	0.6694	P	0.4
5	☐	125.000	126.487	380020.28	1.6395	P	0.6
6	☐	250.000	251.950	723720.80	3.2629	P	0.7
7	☐	500.000	493.102	1402037.04	6.3832	P	0.7
8	☐	1000.000	1002.700	2944099.12	12.9770	P	0.5
9	☐			47080.64	0.2033	P	1.3

$$y = 0.0129 * x + 0.0028$$

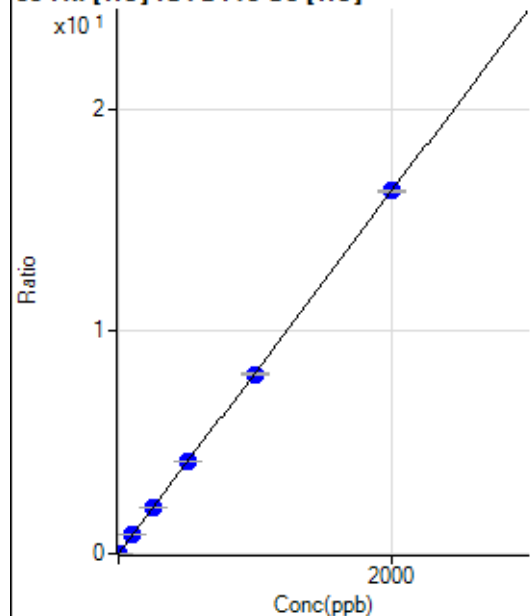
$$R = 1.0000$$

$$DL = 0.03173$$

$$BEC = 0.2187$$

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	52.22	0.0002	P	20.4
2	☐	0.100	0.099	266.68	0.0010	P	11.2
3	☐	1.000	0.988	2199.09	0.0082	P	2.5
4	☐	100.000	102.502	209805.19	0.8347	P	0.9
5	☐	250.000	251.290	474231.47	2.0459	P	1.2
6	☐	500.000	505.741	913256.97	4.1174	P	0.5
7	☐	1000.000	991.841	1773618.05	8.0747	P	0.4
8	☐	2000.000	2002.358	3698300.46	16.3013	P	0.5
9	☐			12801.28	0.0553	P	2.2

$$y = 0.0081 * x + 2.0061E-004$$

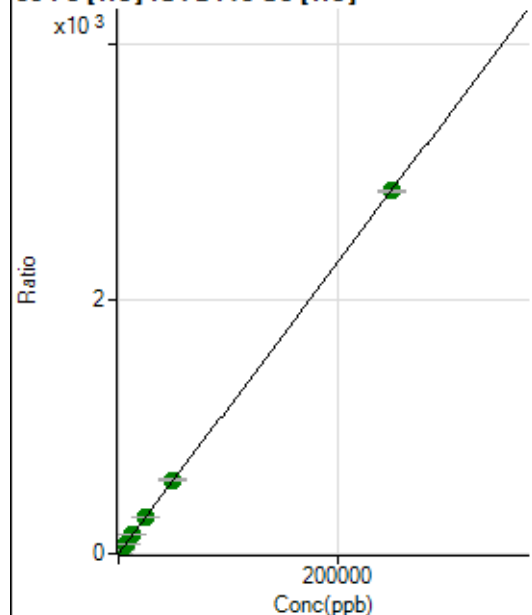
$$R = 1.0000$$

$$DL = 0.01511$$

$$BEC = 0.02464$$

Weight: <None>

Min Conc: 0

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

	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	3578.32	0.0137	P	2.3
2	☐	5.000	5.378	19843.51	0.0751	P	1.2
3	☐	50.000	51.352	159912.71	0.5997	P	0.4
4	☐	2500.000	2564.843	7360441.60	29.2815	A	0.3
5	☐	6250.000	6337.179	16765188.68	72.3281	A	0.7
6	☐	12500.000	12741.082	32250694.01	145.4039	A	0.5
7	☐	25000.000	25046.586	62780195.85	285.8236	A	0.6
8	☐	50000.000	50854.381	131657976.0	580.3198	A	0.5
9	☐	250000.00	249809.58	660225207.3	2,850.623	A	0.2

$$y = 0.0114 * x + 0.0137$$

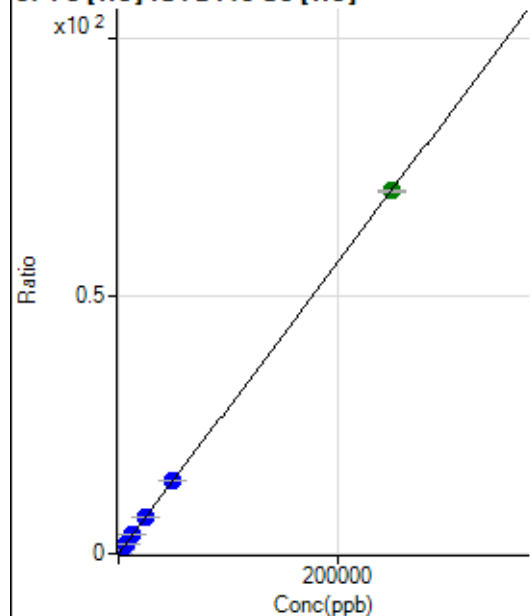
$$R = 1.0000$$

$$DL = 0.08412$$

$$BEC = 1.205$$

Weight: <None>

Min Conc: 0

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

	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	153.71	0.0006	P	17.2
2	☐	5.000	5.930	596.33	0.0023	P	14.6
3	☐	50.000	53.791	4191.45	0.0157	P	5.0
4	☐	2500.000	2584.128	182876.45	0.7275	P	1.1
5	☐	6250.000	6364.532	415144.04	1.7910	P	1.0
6	☐	12500.000	12846.338	801702.09	3.6144	P	0.2
7	☐	25000.000	25122.598	1552445.32	7.0679	P	0.7
8	☐	50000.000	50694.309	3235577.19	14.2616	P	0.3
9	☐	250000.00	249827.85	16277882.89	70.2807	A	0.2

$$y = 2.8131E-004 * x + 5.9060E-004$$

$$R = 1.0000$$

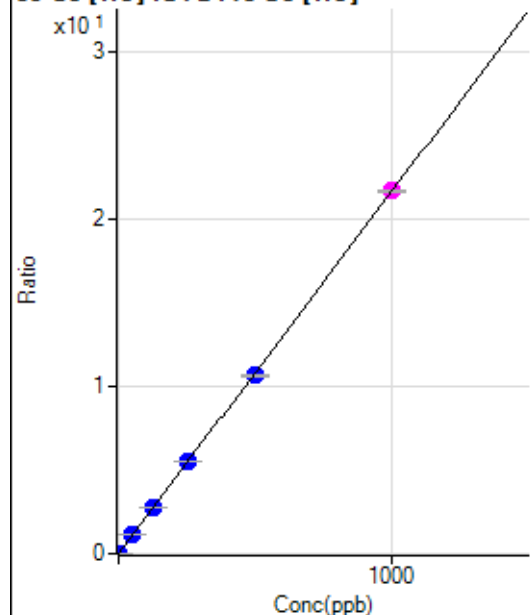
$$DL = 1.083$$

$$BEC = 2.099$$

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	60.00	0.0002	P	14.7
2	☐	0.100	0.108	675.59	0.0026	P	3.4
3	☐	1.000	0.969	5640.06	0.0212	P	2.4
4	☐	50.000	52.092	282815.35	1.1251	P	0.3
5	☐	125.000	127.773	639591.55	2.7593	P	0.9
6	☐	250.000	253.242	1212969.75	5.4687	P	0.2
7	☐	500.000	492.754	2337149.44	10.6406	P	1.0
8	☐	1000.000	1002.362	4910766.31	21.6450	M	0.8
9	☐			58550.88	0.2528	P	1.4

$$y = 0.0216 * x + 2.3050E-004$$

$$R = 1.0000$$

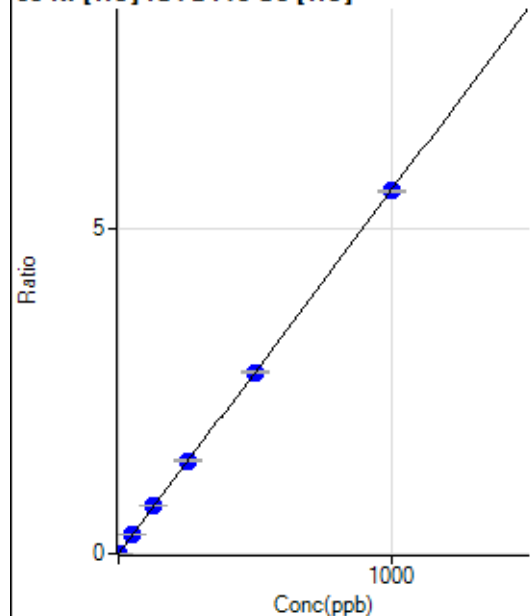
$$DL = 0.0047$$

$$BEC = 0.01067$$

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	47.78	0.0002	P	24.5
2	☐	0.100	0.101	197.78	0.0007	P	11.5
3	☐	1.000	1.090	1672.35	0.0063	P	8.5
4	☐	50.000	53.476	75097.71	0.2988	P	0.7
5	☐	125.000	130.224	168576.13	0.7273	P	0.7
6	☐	250.000	256.405	317581.33	1.4318	P	0.7
7	☐	500.000	499.278	612346.77	2.7878	P	0.3
8	☐	1000.000	997.933	1264128.16	5.5720	P	0.5
9	☐			22315.00	0.0964	P	0.8

$$y = 0.0056 * x + 1.8358E-004$$

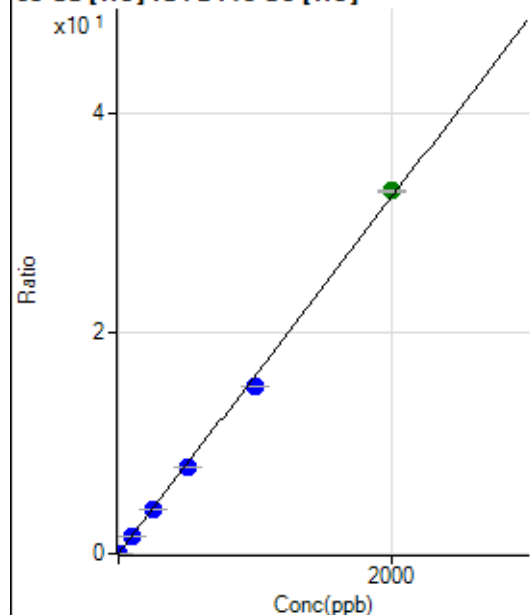
$$R = 1.0000$$

$$DL = 0.02419$$

$$BEC = 0.03288$$

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	980.05	0.0038	P	2.2
2	☐	0.200	0.215	1910.16	0.0072	P	6.9
3	☐	2.000	1.852	8978.43	0.0337	P	3.8
4	☐	100.000	100.800	410220.93	1.6319	P	0.3
5	☐	250.000	245.477	919959.27	3.9689	P	0.4
6	☐	500.000	484.231	1735684.28	7.8253	P	0.3
7	☐	1000.000	937.771	3327960.72	15.1512	P	0.4
8	☐	2000.000	2035.582	7460376.97	32.8837	A	0.4
9	☐			18182.64	0.0785	P	2.2

$$y = 0.0162 * x + 0.0038$$

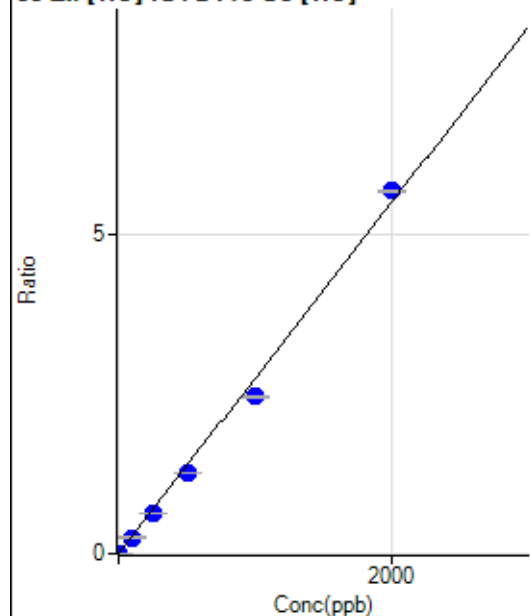
$$R = 0.9993$$

$$DL = 0.01509$$

$$BEC = 0.2331$$

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	363.35	0.0014	P	6.4
2	☒	0.200					
3	☐	2.000	2.441	2160.20	0.0081	P	7.7
4	☐	100.000	92.572	64259.55	0.2556	P	0.3
5	☐	250.000	229.340	146322.04	0.6313	P	0.2
6	☐	500.000	457.928	279261.87	1.2590	P	0.2
7	☐	1000.000	893.963	539571.34	2.4566	P	0.8
8	☐	2000.000	2066.490	1287883.72	5.6768	P	0.7
9	☐			11331.23	0.0489	P	1.4

$$y = 0.0027 * x + 0.0014$$

$$R = 0.9977$$

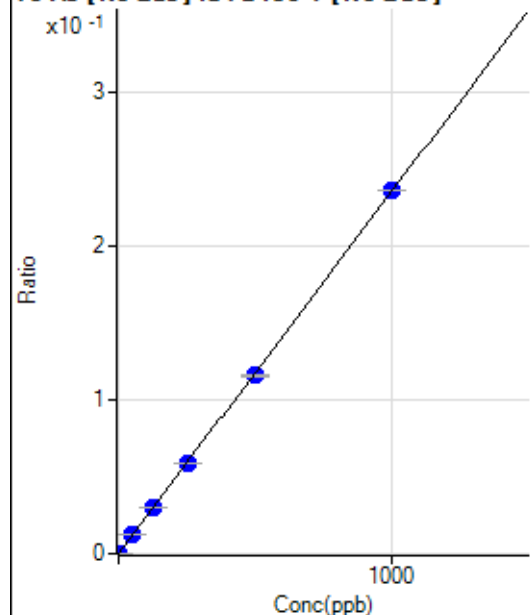
$$DL = 0.09699$$

$$BEC = 0.5083$$

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	-335.04	0.0000	P	-89.
2	☒	0.100					
3	☐	1.000	0.947	2105.86	0.0002	P	26.6
4	☐	50.000	52.662	127379.53	0.0123	P	2.0
5	☐	125.000	128.887	300643.71	0.0303	P	0.7
6	☐	250.000	250.389	553276.42	0.0588	P	0.8
7	☐	500.000	493.409	1078877.65	0.1159	P	0.8
8	☐	1000.000	1002.579	2233456.86	0.2355	P	0.1
9	☐			2551.22	0.0003	P	7.9

$$y = 2.3493E-004 * x - 2.9539E-005$$

$$R = 1.0000$$

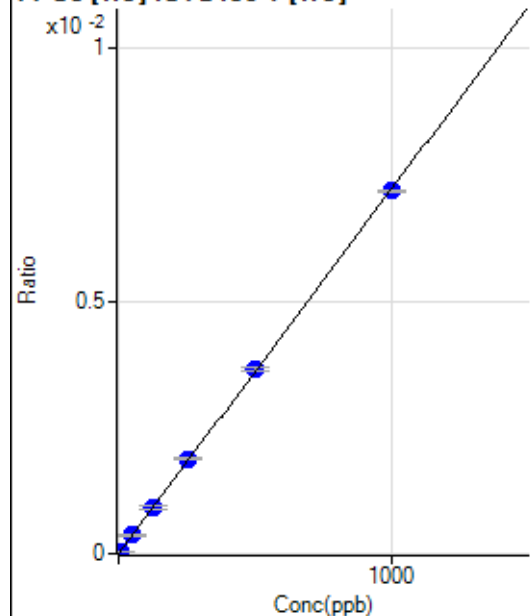
$$DL = 0.3355$$

$$BEC = -0.1257$$

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	☒	0.500					
3	☐	5.000	4.249	46.67	0.0000	P	45.2
4	☐	50.000	50.904	534.46	0.0004	P	4.8
5	☐	125.000	126.699	1253.41	0.0009	P	4.8
6	☐	250.000	259.915	2482.48	0.0019	P	2.5
7	☐	500.000	504.092	4760.86	0.0036	P	2.2
8	☐	1000.000	995.222	9692.28	0.0072	P	0.3
9	☐			0.00	0.0000	P	

$$y = 7.2162E-006 * x + 0.0000E+000$$

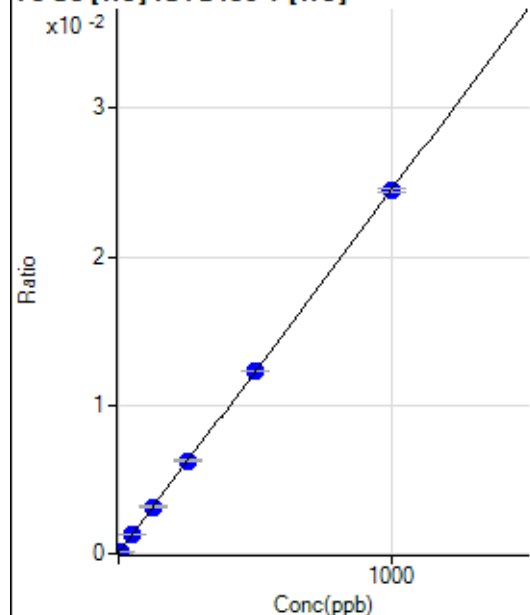
$$R = 0.9999$$

$$DL = 0$$

$$BEC = 0$$

Weight: <None>

Min Conc: 0

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

	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	65.43	0.0000	P	30.7
2	☒	0.500					
3	☐	5.000	5.826	283.96	0.0002	P	4.3
4	☐	50.000	52.252	1921.75	0.0013	P	1.4
5	☐	125.000	126.876	4311.17	0.0031	P	3.4
6	☐	250.000	253.761	8267.23	0.0062	P	1.6
7	☐	500.000	502.195	16121.99	0.0123	P	0.1
8	☐	1000.000	997.611	32965.21	0.0244	P	0.9
9	☐			70.37	0.0001	P	0.6

$$y = 2.4441\text{E-}005 * x + 4.3912\text{E-}005$$

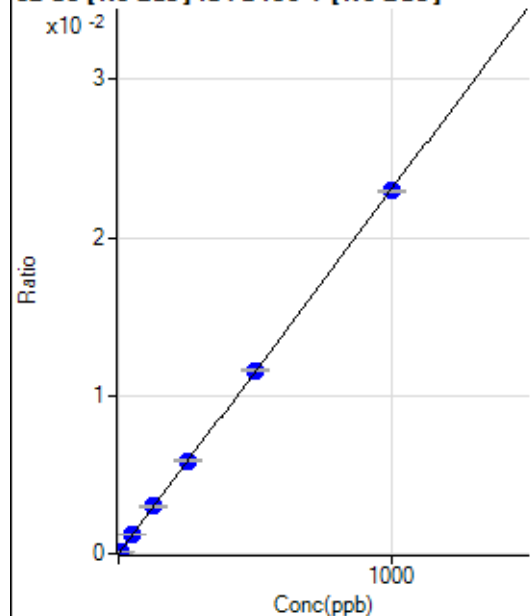
$$R = 1.0000$$

$$DL = 1.653$$

$$BEC = 1.797$$

Weight: <None>

Min Conc: 0

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

	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	25.14	0.0000	P	89.2
2	☐	0.500	0.549	153.29	0.0000	P	50.5
3	☐	5.000	5.234	1335.53	0.0001	P	3.4
4	☐	50.000	52.645	12535.98	0.0012	P	0.7
5	☐	125.000	129.728	29716.82	0.0030	P	1.1
6	☐	250.000	255.170	55327.64	0.0059	P	0.8
7	☐	500.000	504.048	108098.76	0.0116	P	0.7
8	☐	1000.000	995.959	217559.98	0.0229	P	0.5
9	☐			191.98	0.0000	P	15.2

$$y = 2.3032\text{E-}005 * x + 2.2131\text{E-}006$$

$$R = 1.0000$$

$$DL = 0.2572$$

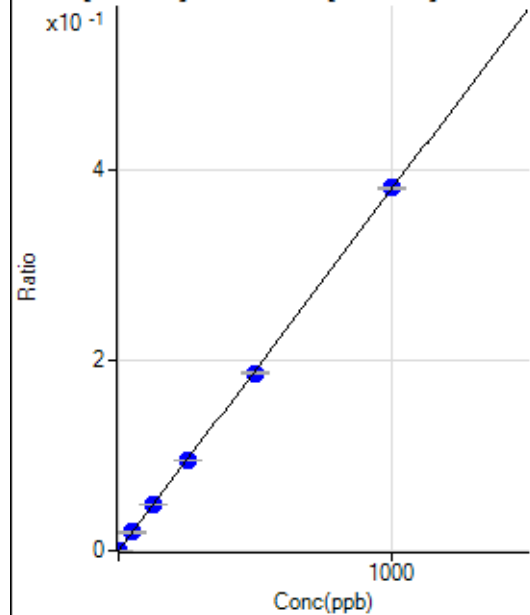
$$BEC = 0.09609$$

Weight: <None>

Min Conc: 0

83 Kr [No Gas] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			330.01		P	4.4
2	☐			361.12		P	10.2
3	☐			363.34		P	11.2
4	☐			316.68		P	9.4
5	☐			323.34		P	6.8
6	☐			272.23		P	7.0
7	☐			285.57		P	10.8
8	☐			302.23		P	11.5
9	☐			338.90		P	10.8

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	455.58	0.0000	P	23.7
2	☒	0.100					
3	☐	1.000	0.987	4506.45	0.0004	P	1.8
4	☐	50.000	50.585	198346.40	0.0192	P	0.7
5	☐	125.000	125.600	473643.15	0.0477	P	0.8
6	☐	250.000	248.854	888238.97	0.0944	P	0.8
7	☐	500.000	491.539	1735351.45	0.1864	P	0.7
8	☐	1000.000	1004.413	3611741.97	0.3809	P	0.5
9	☐			15622.96	0.0017	P	1.2

$$y = 3.7914\text{E-}004 * x + 4.0128\text{E-}005$$

$$R = 0.9999$$

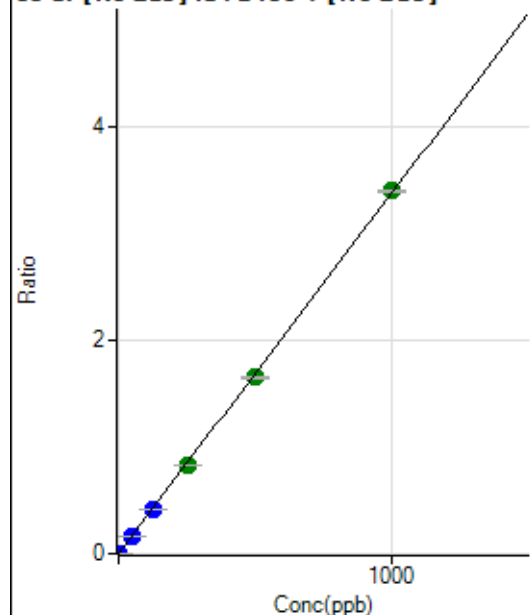
$$DL = 0.07532$$

$$BEC = 0.1058$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	108.34	0.0000	P	15.5
2	☐	0.100	0.104	3722.86	0.0004	P	3.5
3	☐	1.000	0.930	34189.03	0.0031	P	2.7
4	☐	50.000	49.360	1716676.15	0.1663	P	0.3
5	☐	125.000	121.638	4073705.78	0.4099	P	0.6
6	☐	250.000	245.981	7800515.89	0.8289	A	0.4
7	☐	500.000	489.123	15344837.15	1.6483	A	0.9
8	☐	1000.000	1006.895	32177857.32	3.3931	A	0.3
9	☐			131099.99	0.0143	P	0.5

$$y = 0.0034 * x + 9.5417E-006$$

$$R = 0.9999$$

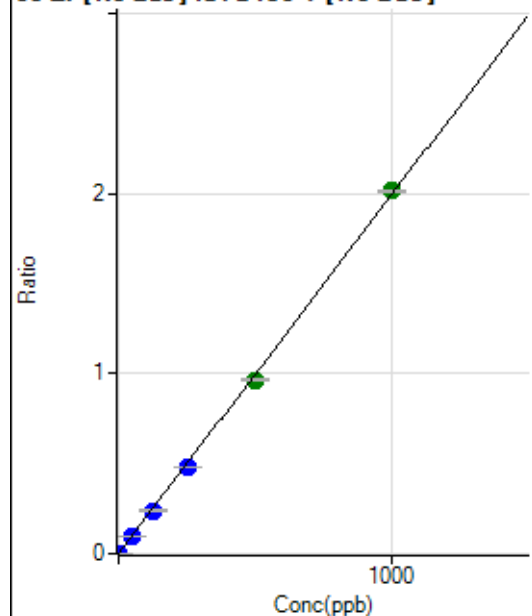
$$DL = 0.001313$$

$$BEC = 0.002831$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	811.17	0.0001	P	7.8
2	☐	0.100	0.095	2697.61	0.0003	P	5.4
3	☐	1.000	0.853	19269.15	0.0018	P	1.9
4	☐	50.000	48.851	1005942.38	0.0975	P	0.4
5	☐	125.000	120.545	2389257.43	0.2404	P	1.0
6	☐	250.000	239.623	4496601.23	0.4778	P	0.6
7	☐	500.000	484.263	8989549.25	0.9656	A	0.4
8	☐	1000.000	1011.077	19118485.50	2.0160	A	0.3
9	☐			6676.85	0.0007	P	16.9

$$y = 0.0020 * x + 7.1439E-005$$

$$R = 0.9998$$

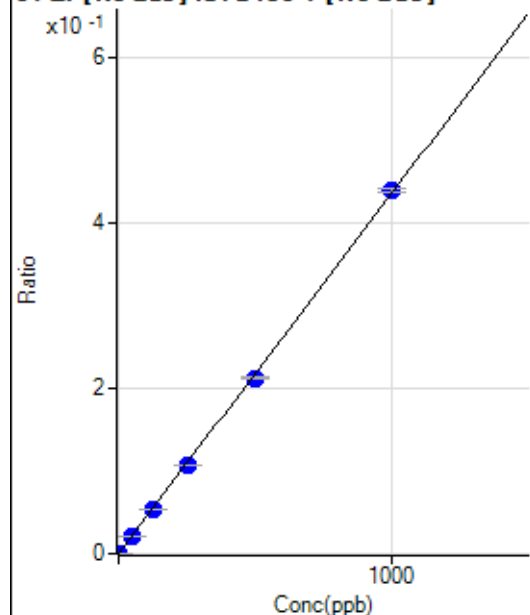
$$DL = 0.008356$$

$$BEC = 0.03583$$

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	186.12	0.0000	P	18.2
2	☐	0.100	0.094	594.48	0.0001	P	5.7
3	☐	1.000	0.860	4250.84	0.0004	P	2.8
4	☐	50.000	49.844	224096.19	0.0217	P	1.1
5	☐	125.000	123.540	534630.36	0.0538	P	0.3
6	☐	250.000	246.980	1011917.92	0.1075	P	0.3
7	☐	500.000	487.050	1974010.94	0.2120	P	0.6
8	☐	1000.000	1007.420	4158982.34	0.4386	P	0.9
9	☐			1669.62	0.0002	P	13.4

$$y = 4.3532\text{E-}004 * x + 1.6392\text{E-}005$$

$$R = 0.9999$$

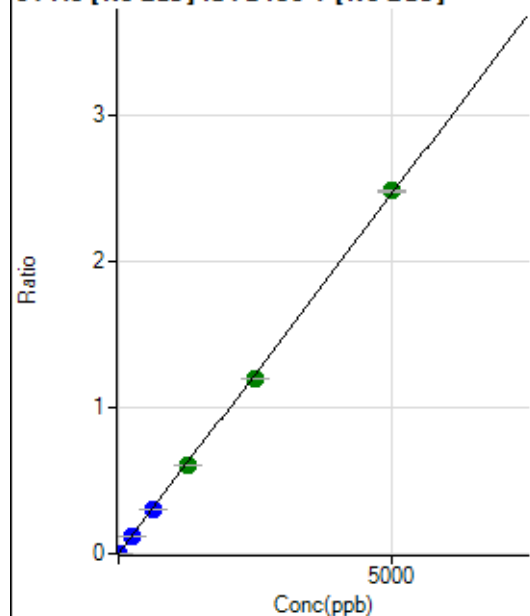
$$DL = 0.02051$$

$$BEC = 0.03766$$

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	305.57	0.0000	P	38.8
2	☐	0.500	0.531	2986.55	0.0003	P	1.9
3	☐	5.000	4.538	24633.20	0.0023	P	2.5
4	☐	250.000	247.037	1257484.78	0.1218	P	0.2
5	☐	625.000	607.778	2978794.73	0.2997	P	0.5
6	☐	1250.000	1222.394	5672658.85	0.6028	A	0.7
7	☐	2500.000	2428.765	11150291.40	1.1977	A	0.7
8	☐	5000.000	5044.820	23592072.58	2.4878	A	0.5
9	☐			12767.42	0.0014	P	9.0

$$y = 4.9312\text{E-}004 * x + 2.6917\text{E-}005$$

$$R = 0.9998$$

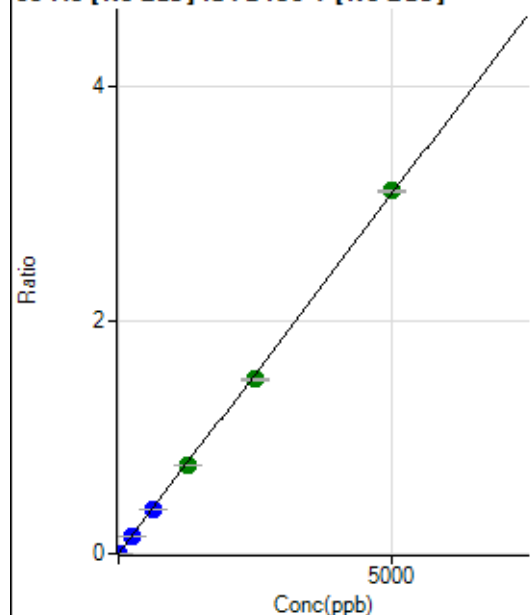
$$DL = 0.06358$$

$$BEC = 0.05458$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	58.34	0.0000	P	42.7
2	☐	0.500	0.524	3389.44	0.0003	P	4.9
3	☐	5.000	4.518	30310.81	0.0028	P	1.1
4	☐	250.000	247.594	1573465.67	0.1525	P	0.3
5	☐	625.000	608.578	3724237.76	0.3747	P	0.8
6	☐	1250.000	1225.099	7098933.32	0.7544	A	0.5
7	☐	2500.000	2427.077	13913410.21	1.4945	A	0.8
8	☐	5000.000	5044.860	29459724.27	3.1065	A	0.3
9	☐			18318.06	0.0020	P	6.1

$$y = 6.1577\text{E-}004 * x + 5.1352\text{E-}006$$

$$R = 0.9998$$

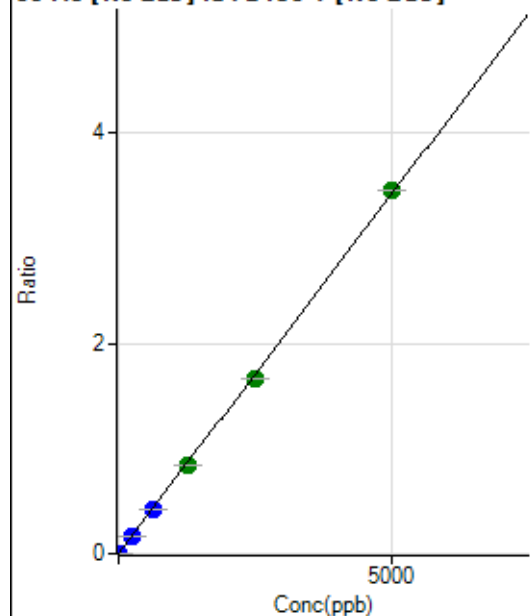
$$DL = 0.01068$$

$$BEC = 0.00834$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	188.90	0.0000	P	11.1
2	☐	0.500	0.516	3814.57	0.0004	P	2.6
3	☐	5.000	4.553	34011.00	0.0031	P	0.4
4	☐	250.000	246.381	1737203.23	0.1683	P	0.3
5	☐	625.000	605.873	4113631.99	0.4139	P	0.3
6	☐	1250.000	1222.956	7862177.87	0.8355	A	0.4
7	☐	2500.000	2429.958	15454572.74	1.6601	A	0.7
8	☐	5000.000	5044.354	32680752.81	3.4461	A	0.1
9	☐			28877.38	0.0032	P	4.1

$$y = 6.8316\text{E-}004 * x + 1.6636\text{E-}005$$

$$R = 0.9998$$

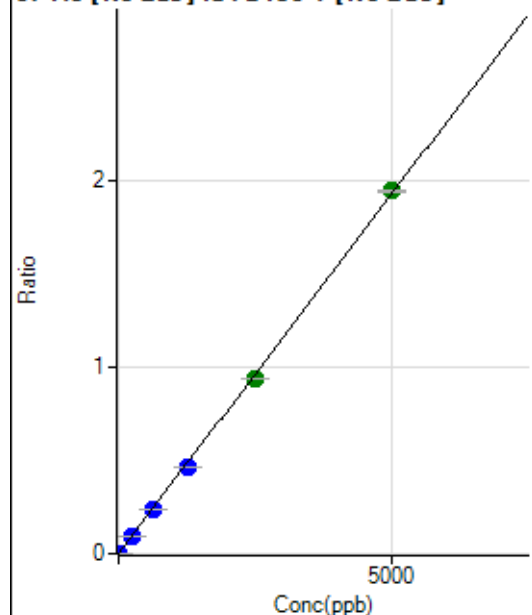
$$DL = 0.008142$$

$$BEC = 0.02435$$

Weight: <None>

Min Conc: 0

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



	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	63.89	0.0000	P	20.1
2	☐	0.500	0.527	2164.14	0.0002	P	8.4
3	☐	5.000	4.522	19058.00	0.0018	P	1.7
4	☐	250.000	246.204	981422.50	0.0951	P	0.2
5	☐	625.000	608.577	2336100.57	0.2351	P	0.3
6	☐	1250.000	1203.291	4373553.10	0.4648	P	0.5
7	☐	2500.000	2434.001	8752080.06	0.9401	A	0.6
8	☐	5000.000	5046.920	18486062.04	1.9493	A	0.2
9	☐			11341.06	0.0012	P	5.9

$$y = 3.8624E-004 * x + 5.6279E-006$$

$$R = 0.9998$$

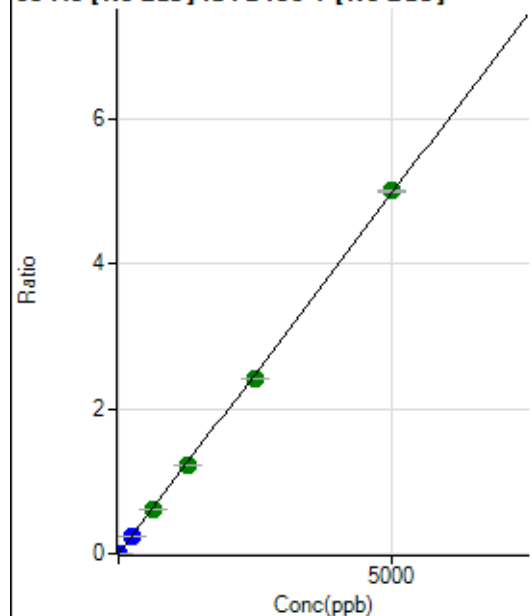
$$DL = 0.008777$$

$$BEC = 0.01457$$

Weight: <None>

Min Conc: 0

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



	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	97.23	0.0000	P	32.6
2	☐	0.500	0.511	5334.58	0.0005	P	4.4
3	☐	5.000	4.543	49130.06	0.0045	P	2.5
4	☐	250.000	246.221	2522269.63	0.2444	P	0.1
5	☐	625.000	609.195	6009551.39	0.6047	A	0.1
6	☐	1250.000	1223.030	11423810.67	1.2140	A	0.4
7	☐	2500.000	2438.185	22530325.16	2.4201	A	0.4
8	☐	5000.000	5039.815	47440072.24	5.0024	A	0.2
9	☐			28270.65	0.0031	P	8.5

$$y = 9.9258E-004 * x + 8.5656E-006$$

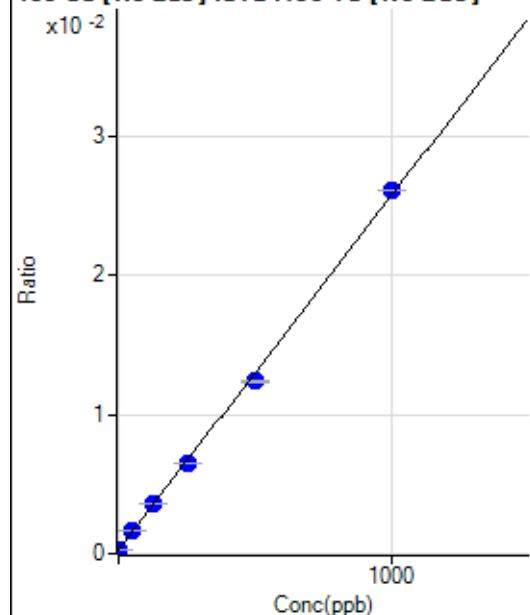
$$R = 0.9999$$

$$DL = 0.008448$$

$$BEC = 0.00863$$

Weight: <None>

Min Conc: 0

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	4356.39	0.0003	P	3.9
2	☒	0.100					
3	☐	1.000	1.153	4517.56	0.0003	P	4.9
4	☐	50.000	54.455	23016.73	0.0017	P	1.2
5	☐	125.000	129.266	49102.75	0.0036	P	1.2
6	☐	250.000	243.503	89059.73	0.0065	P	1.3
7	☐	500.000	475.939	170387.38	0.0124	P	1.3
8	☐	1000.000	1012.899	363184.02	0.0261	P	0.2
9	☐			3164.40	0.0002	P	4.6

$$y = 2.5483\text{E-}005 * x + 2.8934\text{E-}004$$

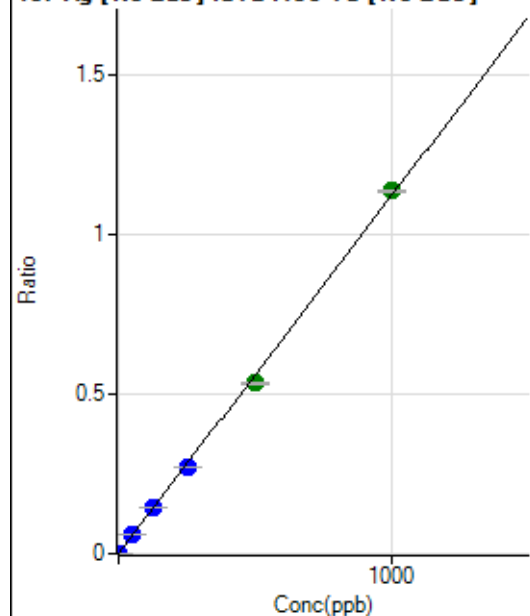
$$R = 0.9995$$

$$DL = 1.323$$

$$BEC = 11.35$$

Weight: <None>

Min Conc: 0

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	111.12	0.0000	P	11.3
2	☐	0.100	0.123	1958.55	0.0001	P	6.1
3	☐	1.000	1.063	17002.51	0.0012	P	2.5
4	☐	50.000	54.442	838516.33	0.0611	P	0.5
5	☐	125.000	129.119	1985254.17	0.1449	P	1.0
6	☐	250.000	240.186	3695699.86	0.2695	P	0.1
7	☐	500.000	475.895	7326751.73	0.5340	A	1.0
8	☐	1000.000	1013.769	15827077.78	1.1375	A	0.3
9	☐			2014.14	0.0002	P	30.1

$$y = 0.0011 * x + 7.3787\text{E-}006$$

$$R = 0.9995$$

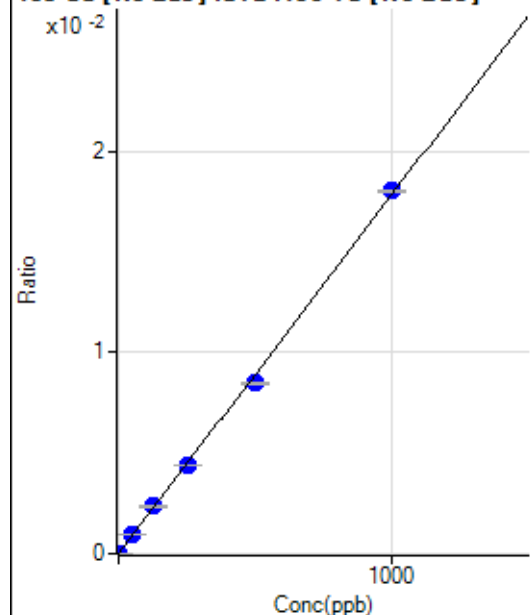
$$DL = 0.002237$$

$$BEC = 0.006576$$

Weight: <None>

Min Conc: 0

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



	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	9.72	0.0000	P	49.6
2	☒	0.100					
3	☐	1.000	0.795	209.73	0.0000	P	5.7
4	☐	50.000	55.606	13598.42	0.0010	P	1.3
5	☐	125.000	131.582	32111.59	0.0023	P	1.4
6	☐	250.000	246.683	60241.45	0.0044	P	0.8
7	☐	500.000	476.207	116349.04	0.0085	P	1.3
8	☐	1000.000	1011.623	250634.54	0.0180	P	0.3
9	☐			62.50	0.0000	P	23.8

$$y = 1.7805E-005 * x + 6.4635E-007$$

$$R = 0.9995$$

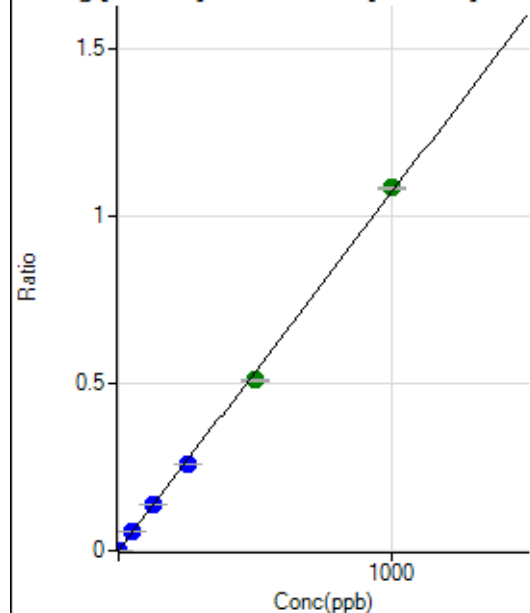
$$DL = 0.05406$$

$$BEC = 0.0363$$

Weight: <None>

Min Conc: 0

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



	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	44.45	0.0000	P	10.5
2	☐	0.100	0.120	1766.86	0.0001	P	2.4
3	☐	1.000	1.096	16635.32	0.0012	P	3.3
4	☐	50.000	54.534	800295.88	0.0583	P	0.6
5	☐	125.000	129.114	1891640.36	0.1380	P	1.4
6	☐	250.000	241.216	3536705.07	0.2579	P	0.4
7	☐	500.000	476.936	6997020.64	0.5099	A	0.8
8	☐	1000.000	1012.987	15069886.80	1.0831	A	0.2
9	☐			1916.88	0.0002	P	24.6

$$y = 0.0011 * x + 2.9508E-006$$

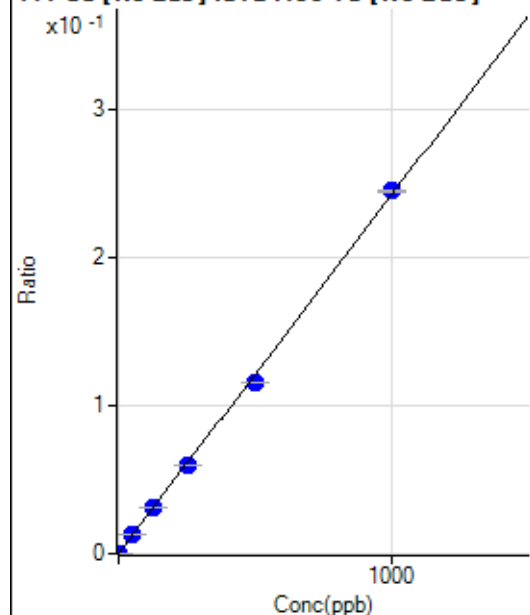
$$R = 0.9995$$

$$DL = 0.0008658$$

$$BEC = 0.00276$$

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	3063.50	0.0002	P	3.2
2	☒	0.100					
3	☐	1.000	1.053	6497.93	0.0005	P	1.4
4	☐	50.000	54.057	182602.99	0.0133	P	0.7
5	☐	125.000	130.029	434613.50	0.0317	P	0.5
6	☐	250.000	245.719	819409.80	0.0598	P	0.2
7	☐	500.000	477.349	1590176.87	0.1159	P	0.8
8	☐	1000.000	1011.564	3413887.53	0.2454	P	0.7
9	☐			2753.30	0.0002	P	10.9

$$y = 2.4235E-004 * x + 2.0346E-004$$

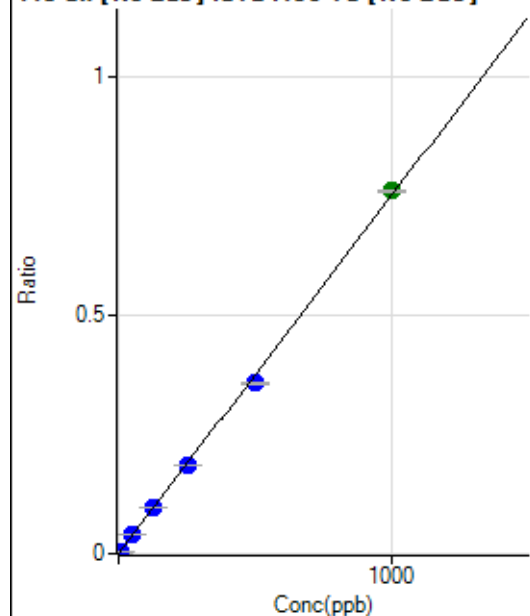
$$R = 0.9996$$

$$DL = 0.08161$$

$$BEC = 0.8395$$

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	652.82	0.0000	P	13.4
2	☐	0.500	0.609	6749.14	0.0005	P	4.4
3	☐	5.000	5.096	54749.48	0.0039	P	2.9
4	☐	50.000	52.876	544876.36	0.0397	P	0.2
5	☐	125.000	127.504	1310878.45	0.0957	P	1.4
6	☐	250.000	244.861	2518858.39	0.1837	P	0.3
7	☐	500.000	475.669	4895571.81	0.3568	P	1.1
8	☐	1000.000	1012.993	10571307.27	0.7598	A	0.6
9	☐			5723.67	0.0004	P	8.6

$$y = 7.4997E-004 * x + 4.3326E-005$$

$$R = 0.9996$$

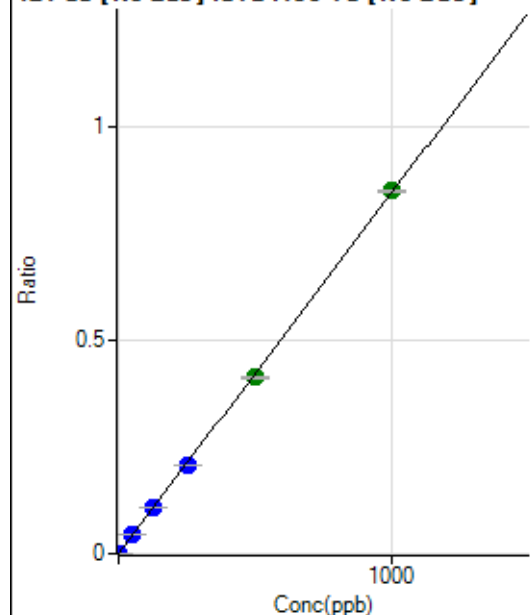
$$DL = 0.02324$$

$$BEC = 0.05777$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	86.12	0.0000	P	19.6
2	☐	0.200	0.211	2478.11	0.0002	P	3.8
3	☐	2.000	1.932	23206.20	0.0016	P	0.9
4	☐	50.000	52.432	607883.71	0.0443	P	0.7
5	☐	125.000	126.770	1467246.62	0.1071	P	1.0
6	☐	250.000	244.383	2830547.16	0.2064	P	0.4
7	☐	500.000	489.564	5673634.50	0.4135	A	0.9
8	☐	1000.000	1006.279	11825705.04	0.8499	A	0.5
9	☐			18479.52	0.0014	P	2.2

$$y = 8.4459\text{E-}004 * x + 5.7138\text{E-}006$$

$$R = 0.9999$$

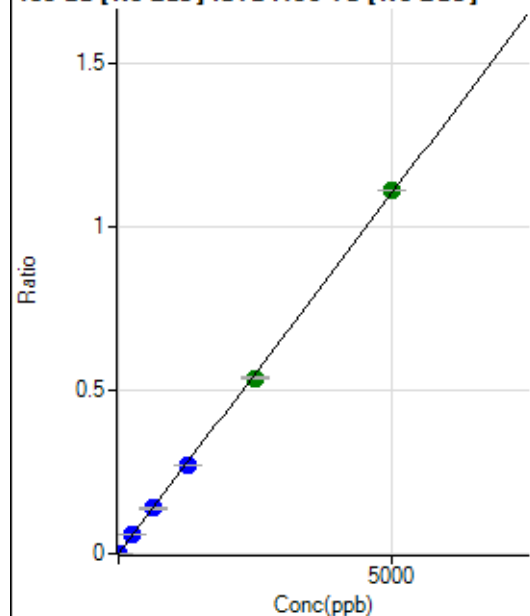
$$DL = 0.003974$$

$$BEC = 0.006765$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	22.22	0.0000	P	44.0
2	☐	1.000	1.135	3397.80	0.0003	P	6.7
3	☐	10.000	9.859	30807.31	0.0022	P	0.7
4	☐	250.000	258.760	782738.87	0.0570	P	0.1
5	☐	625.000	630.542	1904205.75	0.1390	P	1.2
6	☐	1250.000	1222.102	3693486.10	0.2693	P	0.9
7	☐	2500.000	2438.024	7372694.09	0.5373	A	1.0
8	☐	5000.000	5036.832	15445775.52	1.1101	A	0.2
9	☐			3017.16	0.0002	P	16.5

$$y = 2.2039\text{E-}004 * x + 1.4786\text{E-}006$$

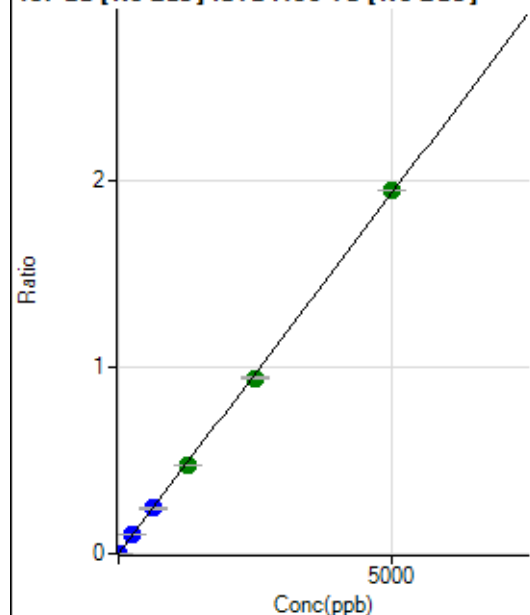
$$R = 0.9999$$

$$DL = 0.008861$$

$$BEC = 0.006709$$

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	33.33	0.0000	P	65.9
2	☐	1.000	1.149	6004.37	0.0004	P	3.1
3	☐	10.000	9.879	53983.46	0.0038	P	1.8
4	☐	250.000	258.747	1369061.63	0.0997	P	0.4
5	☐	625.000	628.505	3320030.59	0.2423	P	0.9
6	☐	1250.000	1232.521	6515576.84	0.4751	A	0.3
7	☐	2500.000	2434.969	12879608.71	0.9387	A	1.0
8	☐	5000.000	5036.010	27012433.59	1.9413	A	0.1
9	☐			5348.52	0.0004	P	21.1

$$y = 3.8549\text{E-}004 * x + 2.2073\text{E-}006$$

$$R = 0.9999$$

$$DL = 0.01133$$

$$BEC = 0.005726$$

Weight: <None>

Min Conc: 0

150 Nd [No Gas] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐			11.11		P	34.6
2	☐			2.22		P	173.
3	☐			11.11		P	34.6
4	☐			71.11		P	19.5
5	☐			117.78		P	14.2
6	☐			260.01		P	13.3
7	☐			508.92		P	3.0
8	☐			960.07		P	10.0
9	☐			251.12		P	3.1

150 Nd [He] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			10.00		P	33.3
2	☐			8.89		P	57.3
3	☐			12.22		P	56.8
4	☐			23.33		P	28.6
5	☐			20.00		P	28.9
6	☐			31.11		P	27.0
7	☐			56.67		P	21.2
8	☐			110.00		P	10.9
9	☐			102.22		P	26.2

156 Dy [No Gas] No available calibration points

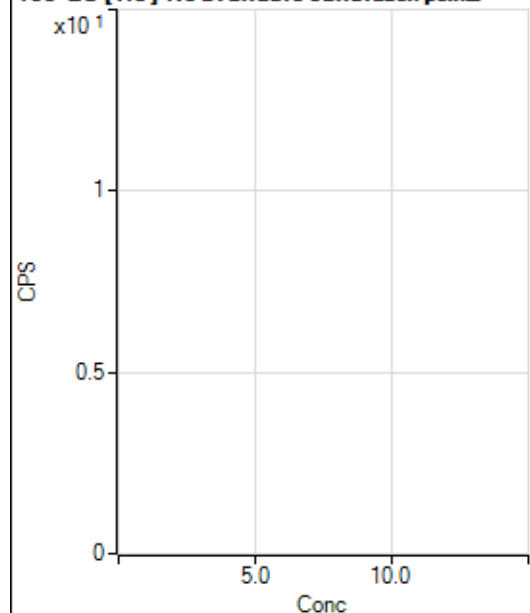
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			13.89		P	69.3
2	☐			25.00		P	0.0
3	☐			33.34		P	25.0
4	☐			41.67		P	52.9
5	☐			41.67		P	20.0
6	☐			69.45		P	45.4
7	☐			158.34		P	27.9
8	☐			191.68		P	15.7
9	☐			200.01		P	27.3

156 Dy [He] No available calibration points

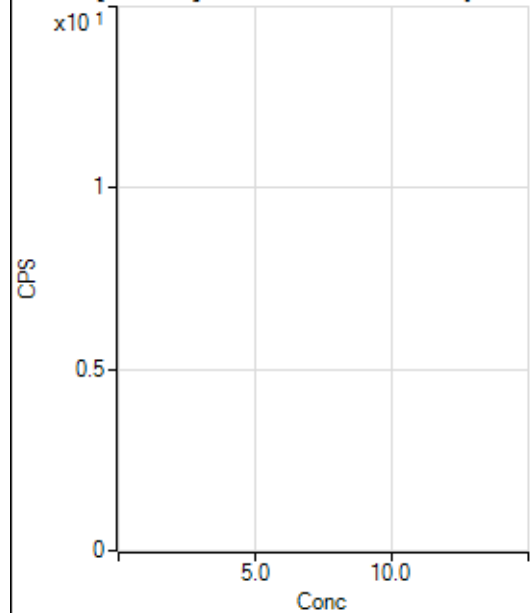
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			31.11		P	32.7
2	☐			27.78		P	27.7
3	☐			20.00		P	60.1
4	☐			30.00		P	40.1
5	☐			47.78		P	26.4
6	☐			83.34		P	10.6
7	☐			152.23		P	5.1
8	☐			271.12		P	17.9
9	☐			97.78		P	30.9

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			91.67		P	27.3
2	☐			102.78		P	28.5
3	☐			116.67		P	12.4
4	☐			125.01		P	46.7
5	☐			138.90		P	24.2
6	☐			125.01		P	40.5
7	☐			155.56		P	15.5
8	☐			163.89		P	34.6
9	☐			150.01		P	25.5

160 Gd [He] No available calibration points

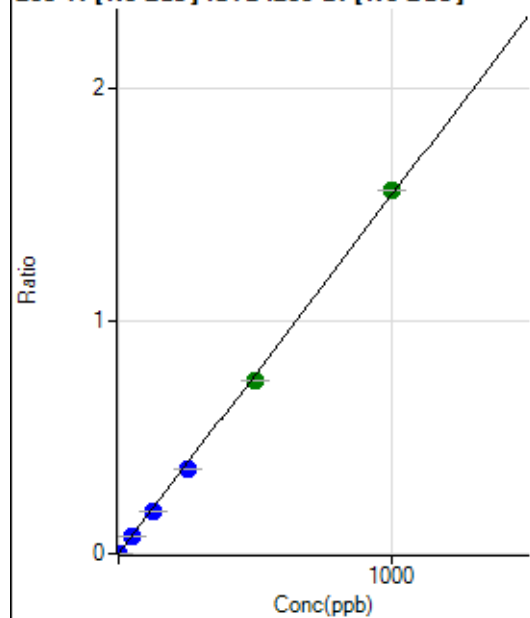
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			223.34		P	24.4
2	☐			212.23		P	6.5
3	☐			205.56		P	12.0
4	☐			218.89		P	7.7
5	☐			244.45		P	10.3
6	☐			214.45		P	2.4
7	☐			213.34		P	14.3
8	☐			217.78		P	14.5
9	☐			257.78		P	8.3

164 Er [No Gas] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			66.67		P	57.3
2	☐			63.89		P	30.1
3	☐			91.67		P	39.6
4	☐			102.78		P	38.3
5	☐			66.67		P	25.0
6	☐			94.45		P	33.4
7	☐			86.11		P	22.4
8	☐			86.11		P	39.1
9	☐			105.56		P	31.9

164 Er [He] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			72.23		P	7.1
2	☐			61.11		P	28.0
3	☐			65.56		P	30.6
4	☐			67.78		P	47.8
5	☐			82.22		P	4.7
6	☐			65.56		P	2.9
7	☐			74.45		P	24.7
8	☐			76.67		P	27.2
9	☐			66.67		P	22.9

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	677.83	0.0001	P	8.4
2	☐	0.100	0.112	2153.06	0.0002	P	7.4
3	☐	1.000	0.901	13677.06	0.0015	P	5.7
4	☐	50.000	48.203	676693.00	0.0742	P	0.4
5	☐	125.000	119.030	1675643.56	0.1830	P	0.5
6	☐	250.000	238.124	3388452.20	0.3661	P	0.4
7	☐	500.000	483.155	6788277.93	0.7428	A	0.6
8	☐	1000.000	1012.228	13998603.78	1.5561	A	0.1
9	☐			4645.47	0.0006	P	12.2

$$y = 0.0015 * x + 6.6427E-005$$

$$R = 0.9997$$

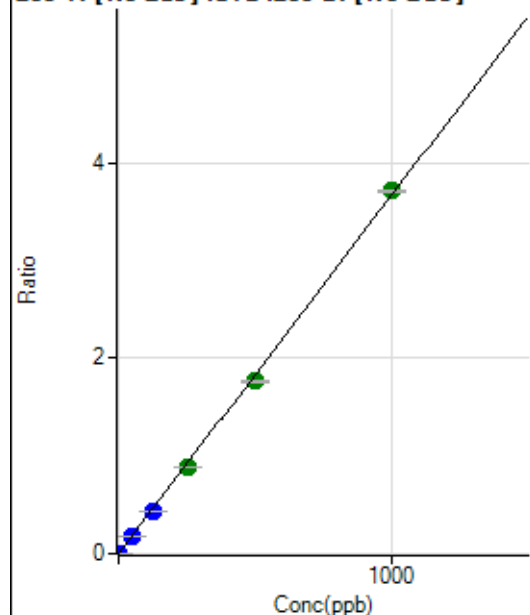
$$DL = 0.01091$$

$$BEC = 0.04321$$

Weight: <None>

Min Conc: 0

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



	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	1119.55	0.0001	P	10.2
2	☐	0.100	0.103	4375.94	0.0005	P	7.8
3	☐	1.000	0.884	31605.31	0.0034	P	2.0
4	☐	50.000	47.851	1602405.33	0.1756	P	0.4
5	☐	125.000	119.098	4000114.50	0.4370	P	0.6
6	☐	250.000	241.515	8199879.35	0.8860	A	0.2
7	☐	500.000	480.882	16120730.05	1.7640	A	1.0
8	☐	1000.000	1012.526	33409426.44	3.7141	A	0.8
9	☐			10273.90	0.0013	P	13.3

$$y = 0.0037 * x + 1.0969E-004$$

$$R = 0.9997$$

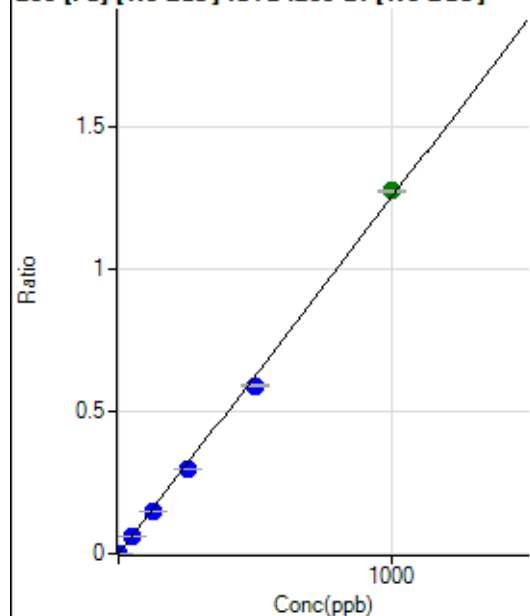
$$DL = 0.009121$$

$$BEC = 0.0299$$

Weight: <None>

Min Conc: 0

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



	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	1051.93	0.0001	P	5.8
2	☐	0.100	0.093	1981.69	0.0002	P	6.0
3	☐	1.000	0.874	11288.46	0.0012	P	1.8
4	☐	50.000	47.528	543932.45	0.0596	P	0.5
5	☐	125.000	119.634	1372277.42	0.1499	P	0.5
6	☐	250.000	238.359	2763281.40	0.2986	P	0.3
7	☐	500.000	470.361	5383441.79	0.5891	P	1.0
8	☐	1000.000	1018.524	11473421.90	1.2755	A	0.9
9	☐			9700.09	0.0013	P	4.7

$$y = 0.0013 * x + 1.0307E-004$$

$$R = 0.9993$$

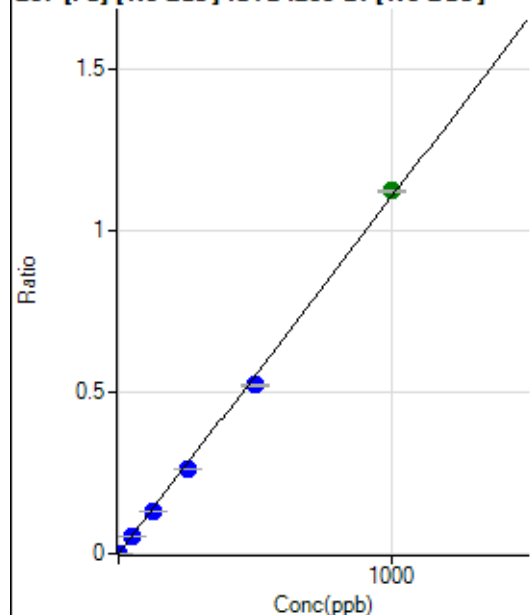
$$DL = 0.01444$$

$$BEC = 0.08231$$

Weight: <None>

Min Conc: 0

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



	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	1061.19	0.0001	P	5.0
2	☐	0.100	0.095	1881.67	0.0002	P	1.1
3	☐	1.000	0.889	10235.76	0.0011	P	1.9
4	☐	50.000	47.864	483157.18	0.0530	P	0.9
5	☐	125.000	120.223	1216184.37	0.1329	P	0.9
6	☐	250.000	238.895	2442333.82	0.2639	P	0.4
7	☐	500.000	472.067	4764556.35	0.5214	P	1.4
8	☐	1000.000	1017.447	10107332.29	1.1236	A	0.4
9	☐			8391.79	0.0011	P	7.3

$$y = 0.0011 * x + 1.0398E-004$$

$$R = 0.9994$$

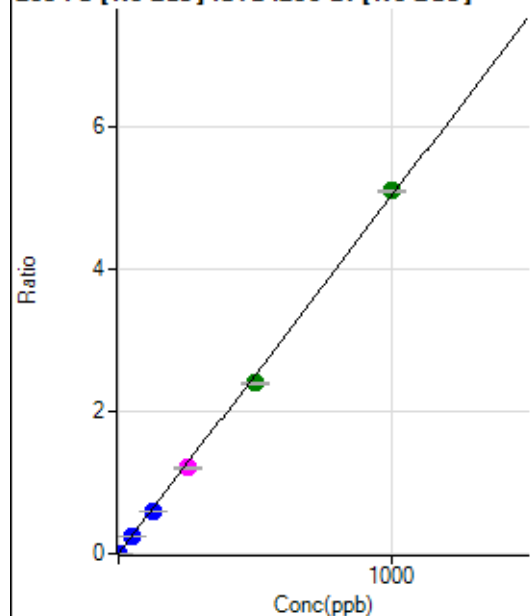
$$DL = 0.01419$$

$$BEC = 0.09417$$

Weight: <None>

Min Conc: 0

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



	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	3685.47	0.0004	P	2.7
2	☐	0.100	0.099	7723.30	0.0009	P	2.7
3	☐	1.000	0.882	45149.44	0.0048	P	2.8
4	☐	50.000	47.982	2201295.24	0.2413	P	0.8
5	☐	125.000	119.772	5508189.08	0.6017	P	0.7
6	☐	250.000	239.435	11129468.71	1.2025	M	0.7
7	☐	500.000	478.106	21940408.71	2.4009	A	1.1
8	☐	1000.000	1014.343	45816115.38	5.0932	A	0.5
9	☐			37858.90	0.0050	P	5.5

$$y = 0.0050 * x + 3.6112E-004$$

$$R = 0.9996$$

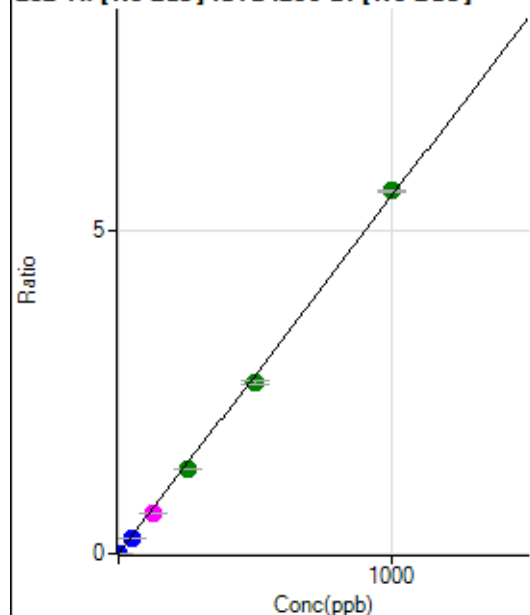
$$DL = 0.005813$$

$$BEC = 0.07192$$

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	2250.27	0.0002	P	2.2
2	☐	0.100	0.087	6320.26	0.0007	P	3.1
3	☐	1.000	0.769	42181.42	0.0045	P	2.0
4	☐	50.000	45.349	2290654.68	0.2511	P	0.5
5	☐	125.000	115.205	5835443.53	0.6375	M	0.0
6	☐	250.000	237.265	12148372.03	1.3126	A	0.3
7	☐	500.000	478.749	24202549.15	2.6484	A	1.3
8	☐	1000.000	1015.266	50518981.68	5.6160	A	0.7
9	☐			16878.05	0.0022	P	13.4

$$y = 0.0055 * x + 2.2049E-004$$

$$R = 0.9996$$

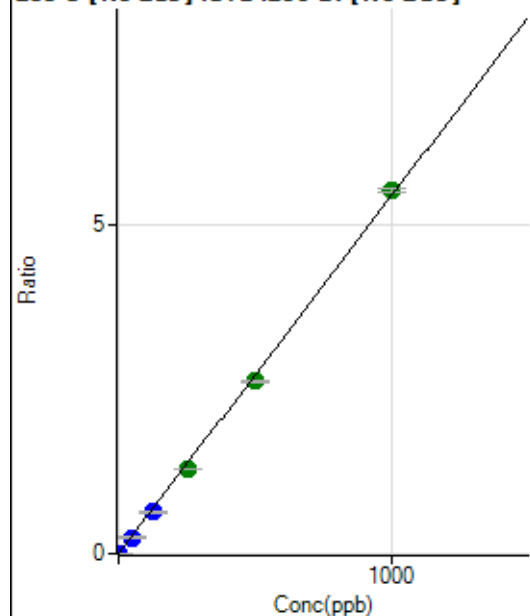
$$DL = 0.002635$$

$$BEC = 0.03986$$

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	2875.45	0.0003	P	8.6
2	☐	0.100	0.102	7546.96	0.0008	P	3.7
3	☐	1.000	0.824	44889.45	0.0048	P	3.6
4	☐	50.000	45.524	2260567.37	0.2478	P	0.7
5	☐	125.000	115.871	5768858.11	0.6302	P	1.0
6	☐	250.000	237.531	11953526.05	1.2916	A	0.3
7	☐	500.000	481.023	23900214.94	2.6153	A	0.5
8	☐	1000.000	1013.971	49586932.01	5.5126	A	1.0
9	☐			8961.99	0.0012	P	24.0

$$y = 0.0054 * x + 2.8176E-004$$

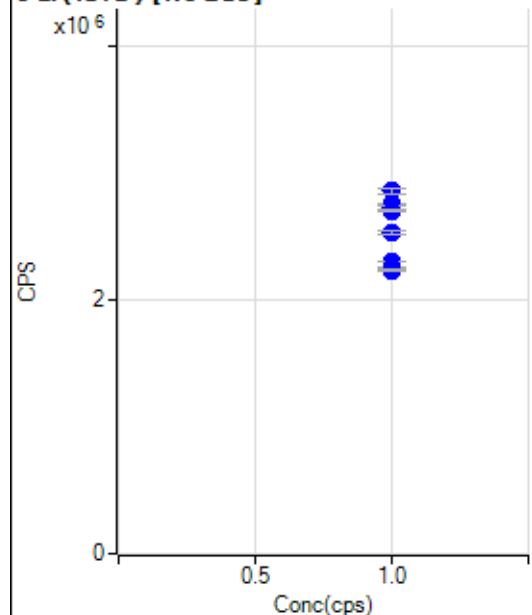
$$R = 0.9996$$

$$DL = 0.01342$$

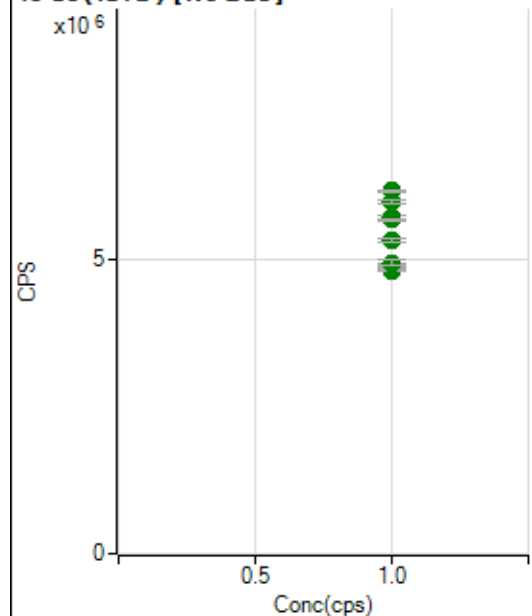
$$BEC = 0.05183$$

Weight: <None>

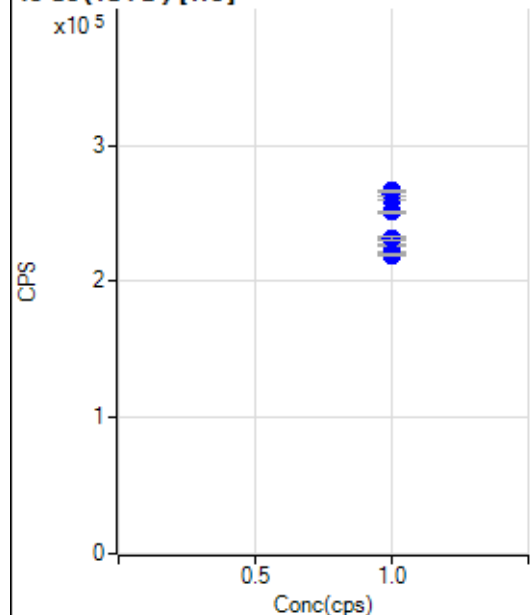
Min Conc: 0

6 Li (ISTD) [No Gas]

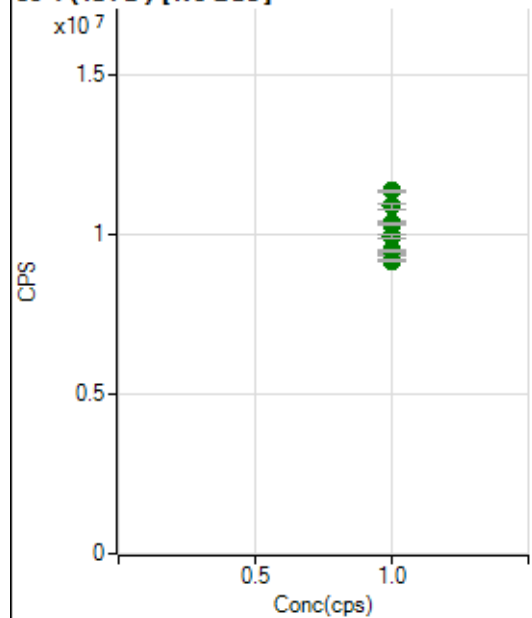
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		2753622.88		P	0.3
2	☐	1.000		2729907.81		P	0.8
3	☐	1.000		2859619.56		P	1.3
4	☐	1.000		2701456.58		P	0.8
5	☐	1.000		2531773.18		P	1.1
6	☐	1.000		2303573.14		P	0.6
7	☐	1.000		2259261.82		P	0.5
8	☐	1.000		2260981.37		P	0.1
9	☐	1.000		2232524.86		P	1.0

45 Sc (ISTD) [No Gas]

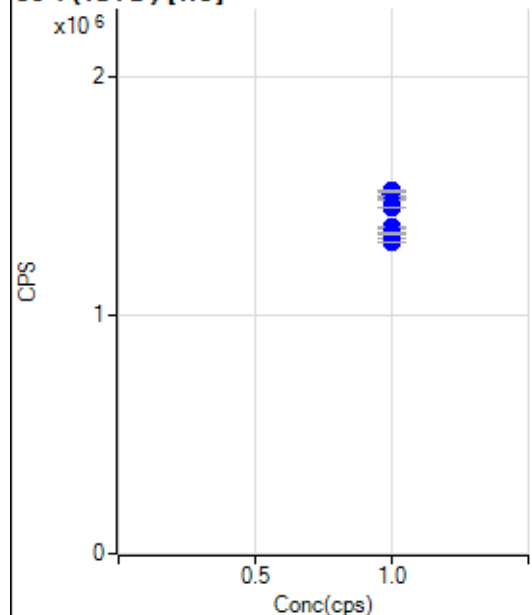
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		6183744.50		A	0.2
2	☐	1.000		5733155.60		A	0.7
3	☐	1.000		5984648.40		A	1.0
4	☐	1.000		5690044.70		A	0.6
5	☐	1.000		5332087.23		A	1.1
6	☐	1.000		4867923.07		A	0.3
7	☐	1.000		4832681.97		A	0.2
8	☐	1.000		4946335.57		A	0.5
9	☐	1.000		4962036.92		A	1.6

45 Sc (ISTD) [He]

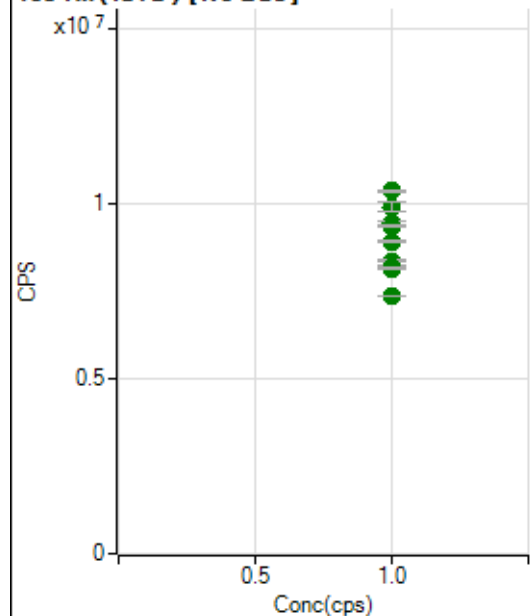
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		260292.92		P	0.1
2	☐	1.000		264177.30		P	1.1
3	☐	1.000		266645.13		P	0.7
4	☐	1.000		251370.89		P	0.5
5	☐	1.000		231797.42		P	0.4
6	☐	1.000		221804.87		P	0.5
7	☐	1.000		219653.15		P	0.7
8	☐	1.000		226875.14		P	0.5
9	☐	1.000		231610.53		P	1.1

89 Y (ISTD) [No Gas]

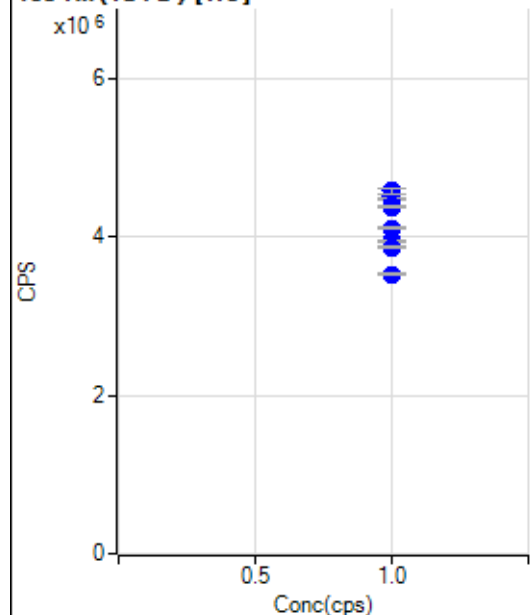
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		11355092.47		A	0.2
2	☐	1.000		10342641.93		A	0.8
3	☐	1.000		10874981.92		A	1.8
4	☐	1.000		10320121.51		A	0.5
5	☐	1.000		9938360.68		A	1.0
6	☐	1.000		9410455.62		A	0.7
7	☐	1.000		9309655.62		A	0.1
8	☐	1.000		9483468.96		A	0.6
9	☐	1.000		9157105.28		A	0.8

89 Y (ISTD) [He]

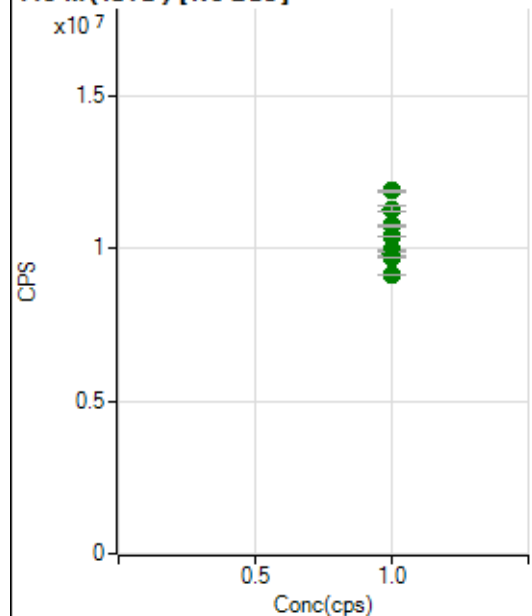
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		1488686.07		P	0.6
2	☐	1.000		1508533.59		P	1.0
3	☐	1.000		1524409.08		P	0.7
4	☐	1.000		1454800.58		P	0.4
5	☐	1.000		1370723.92		P	0.5
6	☐	1.000		1323582.22		P	0.4
7	☐	1.000		1308802.33		P	0.4
8	☐	1.000		1349570.17		P	0.4
9	☐	1.000		1347442.52		P	0.6

103 Rh (ISTD) [No Gas]

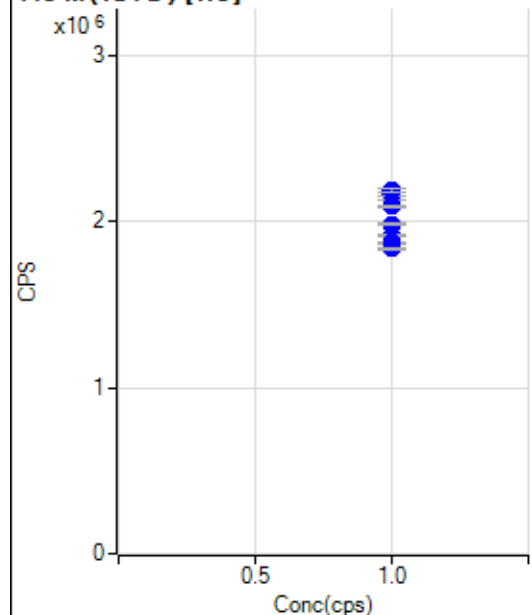
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		10347621.41		A	0.3
2	☐	1.000		9444866.01		A	0.9
3	☐	1.000		9893450.74		A	2.4
4	☐	1.000		9348961.84		A	0.6
5	☐	1.000		8897303.06		A	0.8
6	☐	1.000		8361528.31		A	0.4
7	☐	1.000		8187454.18		A	0.5
8	☐	1.000		8122571.97		A	0.7
9	☐	1.000		7349957.63		A	0.6

103 Rh (ISTD) [He]

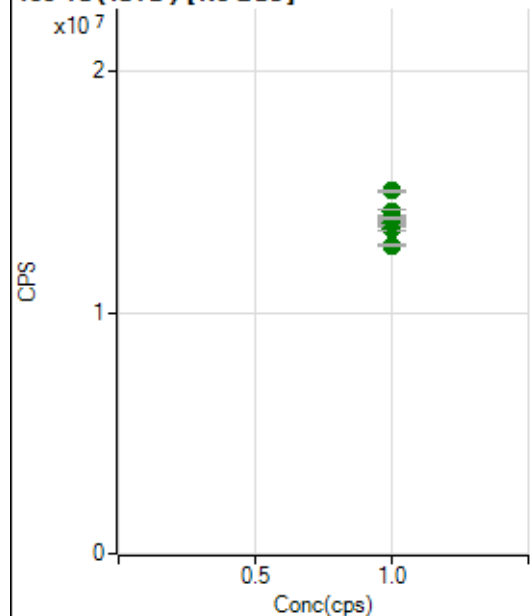
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		4483663.72		P	0.5
2	☐	1.000		4527889.97		P	0.9
3	☐	1.000		4586886.04		P	1.4
4	☐	1.000		4387834.24		P	0.1
5	☐	1.000		4116269.63		P	0.6
6	☐	1.000		3954074.39		P	0.4
7	☐	1.000		3861450.67		P	0.2
8	☐	1.000		3876405.95		P	0.2
9	☐	1.000		3532386.30		P	0.3

115 In (ISTD) [No Gas]

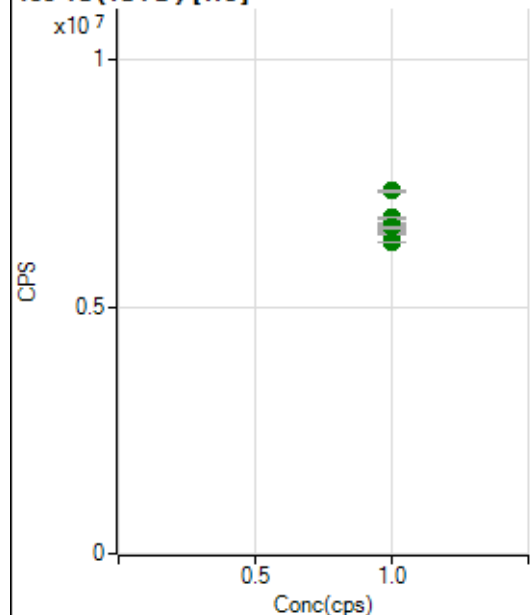
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		11866864.71		A	0.4
2	☐	1.000		10734933.01		A	1.0
3	☐	1.000		11284082.52		A	1.8
4	☐	1.000		10740691.96		A	0.8
5	☐	1.000		10378826.30		A	0.5
6	☐	1.000		9931291.79		A	0.7
7	☐	1.000		9809079.85		A	0.8
8	☐	1.000		9702497.76		A	0.2
9	☐	1.000		9126590.82		A	0.4

115 In (ISTD) [He]

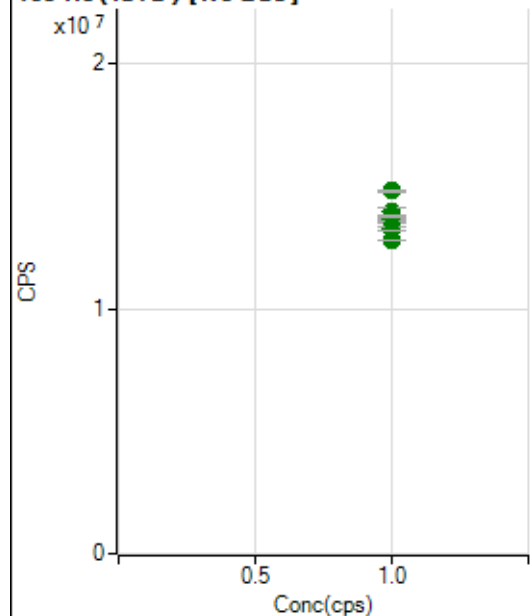
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		2129928.51		P	0.4
2	☐	1.000		2162419.37		P	1.1
3	☐	1.000		2184695.23		P	1.2
4	☐	1.000		2093690.66		P	0.7
5	☐	1.000		1982628.06		P	0.4
6	☐	1.000		1914315.78		P	0.2
7	☐	1.000		1876128.11		P	0.4
8	☐	1.000		1865745.38		P	0.2
9	☐	1.000		1840291.00		P	0.6

159 Tb (ISTD) [No Gas]

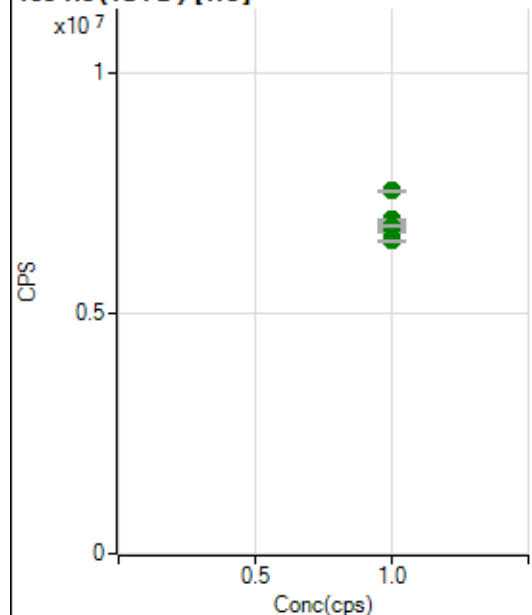
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		15058938.25		A	0.7
2	☐	1.000		13496677.85		A	0.8
3	☐	1.000		14169916.18		A	1.5
4	☐	1.000		13725246.60		A	0.5
5	☐	1.000		13703884.79		A	1.2
6	☐	1.000		13713303.68		A	0.4
7	☐	1.000		13722260.49		A	1.0
8	☐	1.000		13914378.27		A	0.5
9	☐	1.000		12777292.59		A	0.6

159 Tb (ISTD) [He]

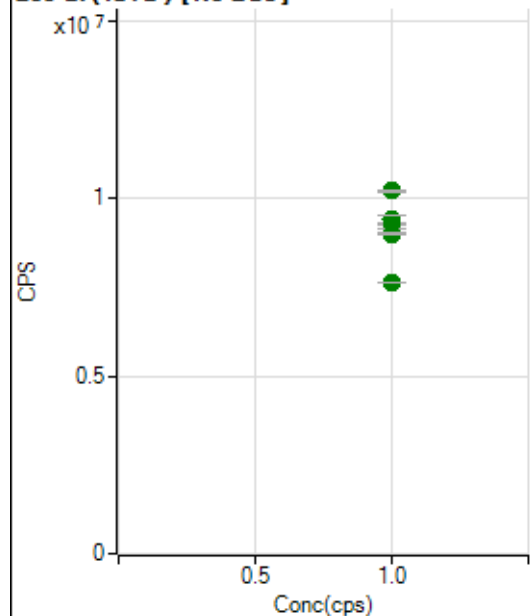
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		7353344.33		A	0.2
2	☐	1.000		6684906.22		A	0.8
3	☐	1.000		6801663.51		A	0.9
4	☐	1.000		6636563.10		A	0.5
5	☐	1.000		6531036.85		A	0.3
6	☐	1.000		6527943.23		A	0.3
7	☐	1.000		6487734.48		A	0.4
8	☐	1.000		6619471.57		A	0.4
9	☐	1.000		6317361.71		A	0.2

165 Ho (ISTD) [No Gas]

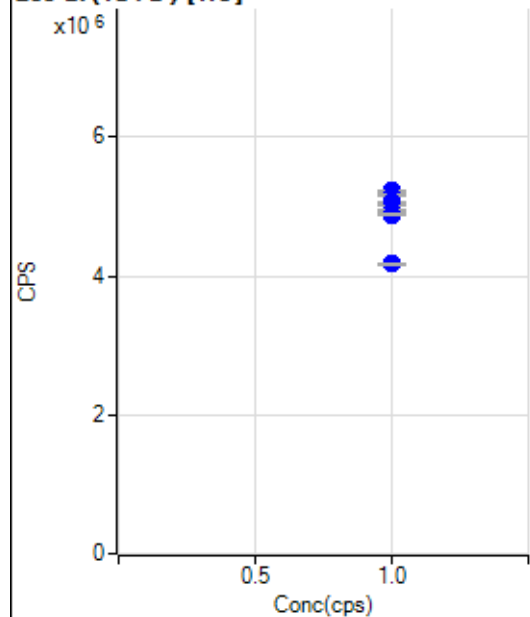
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		14803893.04		A	0.6
2	☐	1.000		13265520.00		A	0.9
3	☐	1.000		13973101.70		A	2.1
4	☐	1.000		13587147.18		A	0.3
5	☐	1.000		13579984.68		A	0.9
6	☐	1.000		13600247.35		A	0.8
7	☐	1.000		13651733.99		A	0.7
8	☐	1.000		13779554.30		A	0.9
9	☐	1.000		12789352.11		A	0.4

165 Ho (ISTD) [He]

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		7532286.28		A	0.6
2	☐	1.000		6821678.86		A	1.2
3	☐	1.000		6934541.21		A	0.4
4	☐	1.000		6802465.45		A	0.1
5	☐	1.000		6704036.50		A	0.1
6	☐	1.000		6740139.41		A	0.4
7	☐	1.000		6690694.42		A	0.1
8	☐	1.000		6804964.55		A	0.2
9	☐	1.000		6498051.64		A	0.3

209 Bi (ISTD) [No Gas]

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		10205320.61		A	0.3
2	☐	1.000		9013303.27		A	0.9
3	☐	1.000		9429644.79		A	2.2
4	☐	1.000		9123818.06		A	0.2
5	☐	1.000		9154186.67		A	0.3
6	☐	1.000		9254969.31		A	0.3
7	☐	1.000		9138736.39		A	0.5
8	☐	1.000		8995784.87		A	1.0
9	☐	1.000		7609968.22		A	0.2

209 Bi (ISTD) [He]

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		5158431.94		P	0.6
2	☐	1.000		5175531.28		P	1.4
3	☐	1.000		5222638.74		P	0.8
4	☐	1.000		5152984.16		P	0.5
5	☐	1.000		5058387.15		P	0.6
6	☐	1.000		5014067.04		P	0.1
7	☐	1.000		4935191.25		P	0.5
8	☐	1.000		4882399.89		P	0.6
9	☐	1.000		4166287.33		P	0.6

US EPA Tune Check Sample Report

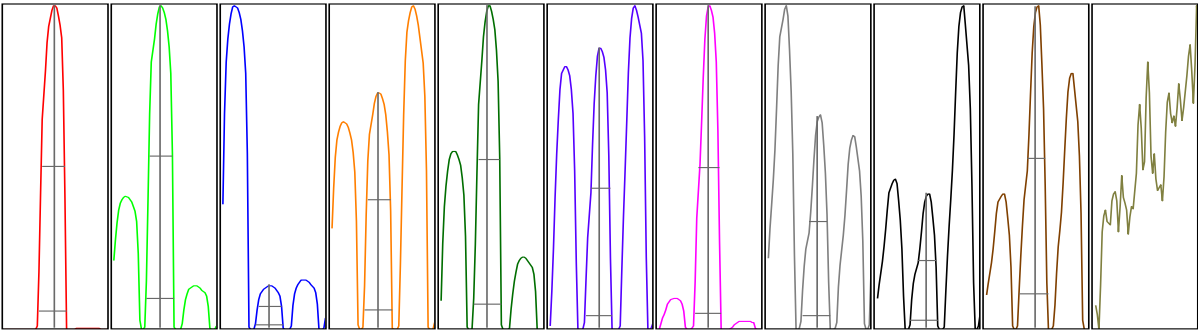
Batch Folder D:\ICP-MS Data\P7072919 MS.b
Report Comment
Instrument Name G8403A JP14410463

[No Gas]

Mass	Count (Mean)	RSD% (Actual)	RSD% (Required)	RSD% (Flag)
9	9842	1.06	5.00	
24	148132	0.75	5.00	
25	20036	0.91	5.00	
26	23182	0.61	5.00	
59	87263	0.66	5.00	
113	13192	1.22	5.00	
115	156718	0.81	5.00	
206	39071	1.55	5.00	
207	36519	1.80	5.00	
208	84416	1.87	5.00	
220	149	9.64		

Mass	Replicate 1 Count	Replicate 2 Count	Replicate 3 Count	Replicate 4 Count	Replicate 5 Count
9	9728	9741	9943	9940	9861
24	147052	147074	149249	149327	147955
25	19857	19835	20198	20216	20071
26	23077	22992	23262	23255	23324
59	86802	86664	87932	87808	87107
113	13001	13049	13250	13384	13275
115	155683	155110	157236	157412	158147
206	38218	38661	39333	39560	39583
207	35629	36036	36759	37042	37127
208	82304	83285	84841	86056	85594
220	174	148	147	141	137

Integration Time [sec] = 0.1



Mass	Peak Height	Axis (Actual)	Axis (Required)	Axis (Flag)	Width-X% (Actual)	Width-X% (Required)	Width- X% (Flag)
9	15282	9.00	8.9 - 9.1		0.830	0.900	
24	227462	23.90	23.9 - 24.1		0.810	0.900	
25	30528	24.90	24.9 - 25.1		0.799	0.900	
26	34891	25.90	25.9 - 26.1		0.821	0.900	
59	141274	58.90	58.9 - 59.1		0.802	0.900	
113	23967	113.00	112.9 - 113.1		0.782	0.900	
115	286630	115.00	114.9 - 115.1		0.776	0.900	
206	73173	206.00	205.9 - 206.1		0.825	0.900	
207	66520	207.00	206.9 - 207.1		0.787	0.900	
208	158120	208.00	207.9 - 208.1		0.817	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	7.8	V	Deflect	13.6	V
Extract 2	-115.0	V	Cell Entrance	-30	V	Plate Bias	-35	V
Omega Bias	-55	V	Cell Exit	-50	V			

Cell Parameters

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

[He]

Mass	Count (Mean)	RSD% (Actual)	RSD% (Required)
59	23081	1.37	
89	44942	1.39	
205	33989	0.88	

Mass	Replicate 1 Count	Replicate 2 Count	Replicate 3 Count	Replicate 4 Count	Replicate 5 Count
59	22995	22813	23137	22859	23602
89	44808	44489	44867	44528	46020
205	33767	33626	34057	34109	34387

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	7.8	V	Deflect	1.8	V
Extract 2	-110.0	V	Cell Entrance	-40	V	Plate Bias	-60	V
Omega Bias	-55	V	Cell Exit	-60	V			

Cell Parameters

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

LB Number : LB104299 Operator : Jaswal
 Lab Sample ID : S0 Instrumnet Name : P7
 Client Sample ID : S0 Dilution Factor : 1
 Date & Time Acquired :: 2019-07-29 11:36:21 DataFile Name : 003CALB.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	0.05	0.26	-0.30	0.00	N/A	ppb
Antimony	121-1	0.00	0.00	0.00	0.00	N/A	ppb
Arsenic	75-1	-0.09	0.12	-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	0.00	0.00	0.00	0.00	N/A	ppb
Bismuth	209-1				100		%
Bismuth	209-2				100		%
Boron	11-1	-0.02	-0.02	0.04	0.00	N/A	ppb
Boron	10-1	0.36	-0.42	0.05	0.00	N/A	ppb
Cadmium	106-1	-0.23	-0.28	0.51	0.00	N/A	ppb
Cadmium	108-1	-0.02	0.01	0.01	0.00	N/A	ppb
Cadmium	111-1	-0.01	-0.02	0.03	0.00	N/A	ppb
Calcium	43-1	0.60	0.59	-1.19	0.00	N/A	ppb
Calcium	44-1	0.62	-0.34	-0.28	0.00	N/A	ppb
Chromium	52-2	0.01	-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	-0.01	0.00	0.00	N/A	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-2						cps
Erbium	164-1						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				100		%
Holmium	165-2				100		%
Indium	115-1				100		%
Indium	115-2				100		%
Iron	56-2	0.03	0.00	-0.03	0.00	N/A	ppb
Iron	57-2	0.41	-0.28	-0.13	0.00	N/A	ppb
Krypton	83-1						cps
Lead	206-1	-0.01	0.00	0.00	0.00	N/A	ppb
Lead	207-1	0.01	0.00	0.00	0.00	N/A	ppb
Lead	208-1	0.00	0.00	0.00	0.00	N/A	ppb
Lithium	6-1				100		%
Magnesium	24-2	-0.18	0.17	0.01	0.00	N/A	ppb

LB Number :	LB104299	Operator :	Jaswal
Lab Sample ID :	S0	Instrumnet Name :	P7
Client Sample ID :	S0	Dilution Factor :	1
Date & Time Acquired ::	2019-07-29 11:36:21	DataFile Name :	003CALB.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	-0.01	0.00	0.00	0.00	N/A	ppb
Molybdenum	94-1	-0.02	0.00	0.02	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	0.00	-0.01	0.01	0.00	N/A	ppb
Phosphorus	31-2	-22.12	-30.39	-19.39	-23.96		ppb
Potassium	39-2	-1.45	-2.62	4.07	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	-0.27	-0.36	0.63	0.00	N/A	ppb
Selenium	82-1	0.08	0.02	-0.09	0.00	N/A	ppb
Silicon	28-1	0.24	-0.14	-0.10	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	-1.05	0.97	0.07	0.00	N/A	ppb
Strontium	86-1	-0.02	-0.01	0.03	0.00	N/A	ppb
Strontium	88-1	0.00	0.00	0.00	0.00	N/A	ppb
Sulfur	34-1	67.29	48.75	6.77	40.94	75.75	ppb
Terbium	159-1				100		%
Terbium	159-2				100		%
Thallium	203-1	0.00	0.00	0.00	0.00	N/A	ppb
Thallium	205-1	0.00	0.00	0.00	0.00	N/A	ppb
Thorium	232-1	0.00	0.00	0.00	0.00	N/A	ppb
Tin	118-1	0.00	0.01	-0.01	0.00	N/A	ppb
Titanium	47-1	0.01	0.00	-0.01	0.00	N/A	ppb
Uranium	238-1	0.01	0.00	0.00	0.00	N/A	ppb
Vanadium	51-2	0.00	0.00	0.00	0.00	N/A	ppb
Yttrium	89-1				100		%
Yttrium	89-2				100		%

LB Number :	LB104299	Operator :	Jaswal
Lab Sample ID :	S0	Instrumnet Name :	P7
Client Sample ID :	S0	Dilution Factor :	1
Date & Time Acquired ::	2019-07-29 11:36:21	DataFile Name :	003CALB.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zinc	66-2	0.02	0.02	-0.04	0.00	N/A	ppb
Zirconium	90-1	0.00	0.00	0.00	0.00	N/A	ppb
Zirconium	91-1	0.01	0.00	0.00	0.00	N/A	ppb

LB Number : LB104299 Operator : Jaswal
 Lab Sample ID : S1 Instrumnet Name : P7
 Client Sample ID : S1 Dilution Factor : 1
 Date & Time Acquired :: 2019-07-29 11:39:57 DataFile Name : 004CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	2.41	1.42	1.53	1.79	30.34	ppb
Antimony	121-1	0.21	0.22	0.21	0.21	3.93	ppb
Arsenic	75-1	Rejected	Rejected	Rejected			ppb
Barium	135-1	1.22	1.12	1.07	1.14	6.70	ppb
Barium	137-1	1.13	1.12	1.19	1.15	3.08	ppb
Beryllium	9-1	0.08	0.11	0.12	0.10	17.74	ppb
Bismuth	209-1				88		%
Bismuth	209-2				100		%
Boron	11-1	2.44	2.68	2.65	2.59	5.05	ppb
Boron	10-1	1.82	2.68	2.38	2.29	19.19	ppb
Cadmium	106-1	Rejected	Rejected	Rejected			ppb
Cadmium	108-1	Rejected	Rejected	Rejected			ppb
Cadmium	111-1	Rejected	Rejected	Rejected			ppb
Calcium	43-1	48.23	51.88	51.42	50.51	3.94	ppb
Calcium	44-1	53.67	51.58	52.31	52.52	2.03	ppb
Chromium	52-2	0.15	0.15	0.15	0.15	1.53	ppb
Cobalt	59-2	0.11	0.11	0.10	0.11	3.74	ppb
Copper	63-2	0.25	0.21	0.18	0.21	14.46	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-2						cps
Erbium	164-1						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				90		%
Holmium	165-2				91		%
Indium	115-1				90		%
Indium	115-2				102		%
Iron	56-2	5.39	5.45	5.30	5.38	1.46	ppb
Iron	57-2	5.90	7.12	4.77	5.93	19.82	ppb
Krypton	83-1						cps
Lead	206-1	0.10	0.08	0.10	0.09	11.21	ppb
Lead	207-1	0.10	0.09	0.09	0.09	2.17	ppb
Lead	208-1	0.10	0.09	0.10	0.10	4.62	ppb
Lithium	6-1				99		%
Magnesium	24-2	55.63	55.96	54.16	55.25	1.73	ppb

LB Number : LB104299 Operator : Jaswal
 Lab Sample ID : S1 Instrumnet Name : P7
 Client Sample ID : S1 Dilution Factor : 1
 Date & Time Acquired :: 2019-07-29 11:39:57 DataFile Name : 004CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	0.08	0.11	0.11	0.10	13.95	ppb
Molybdenum	94-1	0.52	0.53	0.54	0.53	2.04	ppb
Molybdenum	95-1	0.52	0.50	0.55	0.52	5.02	ppb
Molybdenum	96-1	0.51	0.51	0.53	0.52	2.76	ppb
Molybdenum	97-1	0.50	0.51	0.58	0.53	8.62	ppb
Molybdenum	98-1	0.51	0.49	0.54	0.51	4.43	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.08	0.11	0.11	0.10	15.25	ppb
Phosphorus	31-2	Rejected	Rejected	Rejected			ppb
Potassium	39-2	47.16	46.79	51.25	48.40	5.11	ppb
Rhodium	103-1				91		%
Rhodium	103-2				101		%
Scandium	45-1				93		%
Scandium	45-2				101		%
Selenium	77-2	Rejected	Rejected	Rejected			ppb
Selenium	78-2	Rejected	Rejected	Rejected			ppb
Selenium	82-1	0.18	0.68	0.79	0.55	59.35	ppb
Silicon	28-1	Rejected	Rejected	Rejected			ppb
Silver	109-1	0.12	0.12	0.12	0.12	2.42	ppb
Silver	107-1	0.11	0.12	0.13	0.12	6.45	ppb
Sodium	23-2	50.92	51.92	52.21	51.68	1.31	ppb
Strontium	86-1	Rejected	Rejected	Rejected			ppb
Strontium	88-1	0.10	0.10	0.11	0.10	3.58	ppb
Sulfur	34-1	Rejected	Rejected	Rejected			ppb
Terbium	159-1				90		%
Terbium	159-2				91		%
Thallium	203-1	0.10	0.12	0.12	0.11	10.27	ppb
Thallium	205-1	0.10	0.10	0.11	0.10	10.10	ppb
Thorium	232-1	0.09	0.09	0.08	0.09	4.59	ppb
Tin	118-1	0.61	0.58	0.64	0.61	4.76	ppb
Titanium	47-1	0.65	0.54	0.59	0.59	8.96	ppb
Uranium	238-1	0.11	0.10	0.10	0.10	5.62	ppb
Vanadium	51-2	0.56	0.58	0.54	0.56	3.97	ppb
Yttrium	89-1				91		%
Yttrium	89-2				101		%

LB Number :	LB104299	Operator :	Jaswal
Lab Sample ID :	S1	Instrumnet Name :	P7
Client Sample ID :	S1	Dilution Factor :	1
Date & Time Acquired ::	2019-07-29 11:39:57	DataFile Name :	004CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zinc	66-2	Rejected	Rejected	Rejected			ppb
Zirconium	90-1	0.10	0.10	0.09	0.09	7.38	ppb
Zirconium	91-1	0.10	0.09	0.10	0.09	7.96	ppb

LB Number :	LB104299	Operator :	Jaswal
Lab Sample ID :	S2	Instrumnet Name :	P7
Client Sample ID :	S2	Dilution Factor :	1
Date & Time Acquired ::	2019-07-29 11:44:43	DataFile Name :	005CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	18.13	15.87	18.33	17.44	7.84	ppb
Antimony	121-1	1.91	1.94	1.94	1.93	0.94	ppb
Arsenic	75-1	1.18	0.92	0.74	0.95	23.04	ppb
Barium	135-1	9.78	9.90	9.90	9.86	0.68	ppb
Barium	137-1	9.68	9.94	10.02	9.88	1.79	ppb
Beryllium	9-1	1.02	1.00	0.98	1.00	1.67	ppb
Bismuth	209-1				92		%
Bismuth	209-2				101		%
Boron	11-1	21.53	22.75	22.55	22.28	2.94	ppb
Boron	10-1	21.30	22.01	21.51	21.61	1.70	ppb
Cadmium	106-1	1.49	1.52	0.45	1.15	52.80	ppb
Cadmium	108-1	0.84	0.75	0.80	0.79	5.98	ppb
Cadmium	111-1	1.06	1.08	1.02	1.05	2.59	ppb
Calcium	43-1	461.99	464.21	480.36	468.85	2.14	ppb
Calcium	44-1	465.41	466.72	471.70	467.94	0.71	ppb
Chromium	52-2	2.01	1.95	1.97	1.98	1.47	ppb
Cobalt	59-2	0.98	0.94	0.99	0.97	2.45	ppb
Copper	63-2	1.87	1.92	1.76	1.85	4.33	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-2						cps
Erbium	164-1						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				94		%
Holmium	165-2				92		%
Indium	115-1				95		%
Indium	115-2				103		%
Iron	56-2	51.59	51.23	51.24	51.35	0.40	ppb
Iron	57-2	57.02	51.82	52.53	53.79	5.25	ppb
Krypton	83-1						cps
Lead	206-1	0.85	0.89	0.88	0.87	2.01	ppb
Lead	207-1	0.87	0.91	0.89	0.89	2.06	ppb
Lead	208-1	0.85	0.89	0.90	0.88	3.08	ppb
Lithium	6-1				104		%
Magnesium	24-2	508.11	488.80	509.93	502.28	2.33	ppb

LB Number :	LB104299	Operator :	Jaswal
Lab Sample ID :	S2	Instrumnet Name :	P7
Client Sample ID :	S2	Dilution Factor :	1
Date & Time Acquired ::	2019-07-29 11:44:43	DataFile Name :	005CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	0.97	0.97	1.02	0.99	2.56	ppb
Molybdenum	94-1	4.55	4.65	4.42	4.54	2.51	ppb
Molybdenum	95-1	4.49	4.58	4.48	4.52	1.14	ppb
Molybdenum	96-1	4.57	4.54	4.55	4.55	0.37	ppb
Molybdenum	97-1	4.58	4.43	4.55	4.52	1.73	ppb
Molybdenum	98-1	4.55	4.43	4.66	4.54	2.54	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.99	1.11	1.17	1.09	8.72	ppb
Phosphorus	31-2	26.24	26.81	18.84	23.96	18.54	ppb
Potassium	39-2	481.30	476.13	472.16	476.53	0.96	ppb
Rhodium	103-1				96		%
Rhodium	103-2				102		%
Scandium	45-1				97		%
Scandium	45-2				102		%
Selenium	77-2	6.41	2.73	3.61	4.25	45.25	ppb
Selenium	78-2	6.16	5.81	5.51	5.83	5.62	ppb
Selenium	82-1	5.43	5.09	5.18	5.23	3.42	ppb
Silicon	28-1	9.70	10.13	10.33	10.05	3.17	ppb
Silver	109-1	1.06	1.09	1.13	1.10	3.28	ppb
Silver	107-1	1.08	1.08	1.03	1.06	2.52	ppb
Sodium	23-2	494.20	483.02	477.90	485.04	1.72	ppb
Strontium	86-1	0.97	0.99	1.01	0.99	2.01	ppb
Strontium	88-1	0.91	0.92	0.96	0.93	2.74	ppb
Sulfur	34-1	-81.98	-53.34	12.51	-40.94		ppb
Terbium	159-1				94		%
Terbium	159-2				92		%
Thallium	203-1	0.85	0.90	0.96	0.90	5.97	ppb
Thallium	205-1	0.86	0.89	0.90	0.88	2.12	ppb
Thorium	232-1	0.75	0.77	0.78	0.77	2.10	ppb
Tin	118-1	4.93	5.16	5.20	5.10	2.89	ppb
Titanium	47-1	4.73	5.07	5.47	5.09	7.29	ppb
Uranium	238-1	0.79	0.83	0.85	0.82	3.86	ppb
Vanadium	51-2	5.18	5.07	5.07	5.11	1.20	ppb
Yttrium	89-1				96		%
Yttrium	89-2				102		%

LB Number :	LB104299	Operator :	Jaswal
Lab Sample ID :	S2	Instrumnet Name :	P7
Client Sample ID :	S2	Dilution Factor :	1
Date & Time Acquired ::	2019-07-29 11:44:43	DataFile Name :	005CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zinc	66-2	2.32	2.30	2.70	2.44	9.33	ppb
Zirconium	90-1	0.83	0.86	0.86	0.85	1.99	ppb
Zirconium	91-1	0.89	0.86	0.84	0.86	2.92	ppb

LB Number :	LB104299	Operator :	Jaswal
Lab Sample ID :	S3	Instrumnet Name :	P7
Client Sample ID :	S3	Dilution Factor :	1
Date & Time Acquired ::	2019-07-29 11:48:39	DataFile Name :	006CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	976.74	999.08	969.71	981.84	1.56	ppb
Antimony	121-1	52.36	52.08	52.85	52.43	0.74	ppb
Arsenic	75-1	52.88	51.51	53.60	52.66	2.01	ppb
Barium	135-1	258.44	258.87	258.96	258.76	0.11	ppb
Barium	137-1	259.83	258.07	258.33	258.75	0.37	ppb
Beryllium	9-1	51.52	51.88	50.90	51.43	0.96	ppb
Bismuth	209-1				89		%
Bismuth	209-2				100		%
Boron	11-1	49.58	48.60	49.21	49.13	1.01	ppb
Boron	10-1	48.26	48.05	48.49	48.26	0.45	ppb
Cadmium	106-1	53.64	54.48	55.24	54.45	1.47	ppb
Cadmium	108-1	56.42	55.43	54.97	55.61	1.33	ppb
Cadmium	111-1	54.07	54.46	53.64	54.06	0.76	ppb
Calcium	43-1	4967.50	5026.57	5084.73	5026.27	1.17	ppb
Calcium	44-1	4974.03	4989.32	4948.74	4970.70	0.41	ppb
Chromium	52-2	51.27	51.64	51.64	51.52	0.41	ppb
Cobalt	59-2	51.91	52.22	52.15	52.09	0.31	ppb
Copper	63-2	101.12	100.80	100.48	100.80	0.31	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-2						cps
Erbium	164-1						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				92		%
Holmium	165-2				90		%
Indium	115-1				91		%
Indium	115-2				98		%
Iron	56-2	2565.84	2573.18	2555.51	2564.84	0.35	ppb
Iron	57-2	2577.52	2615.43	2559.43	2584.13	1.11	ppb
Krypton	83-1						cps
Lead	206-1	47.75	47.57	47.27	47.53	0.50	ppb
Lead	207-1	47.81	48.33	47.45	47.86	0.93	ppb
Lead	208-1	48.02	48.33	47.59	47.98	0.77	ppb
Lithium	6-1				98		%
Magnesium	24-2	5090.88	5138.61	5115.95	5115.15	0.47	ppb

LB Number :	LB104299	Operator :	Jaswal
Lab Sample ID :	S3	Instrumnet Name :	P7
Client Sample ID :	S3	Dilution Factor :	1
Date & Time Acquired ::	2019-07-29 11:48:39	DataFile Name :	006CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	101.95	103.57	101.98	102.50	0.91	ppb
Molybdenum	94-1	247.50	246.64	246.98	247.04	0.17	ppb
Molybdenum	95-1	248.08	248.01	246.69	247.59	0.32	ppb
Molybdenum	96-1	245.87	247.07	246.21	246.38	0.25	ppb
Molybdenum	97-1	245.65	246.67	246.29	246.20	0.21	ppb
Molybdenum	98-1	246.21	246.37	246.08	246.22	0.06	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	53.09	53.85	53.48	53.48	0.72	ppb
Phosphorus	31-2	987.25	1018.31	950.30	985.28	3.46	ppb
Potassium	39-2	2490.78	2492.26	2471.66	2484.90	0.46	ppb
Rhodium	103-1				90		%
Rhodium	103-2				98		%
Scandium	45-1				92		%
Scandium	45-2				97		%
Selenium	77-2	48.17	52.93	51.62	50.90	4.83	ppb
Selenium	78-2	53.14	51.70	51.92	52.25	1.49	ppb
Selenium	82-1	52.22	52.74	52.97	52.65	0.73	ppb
Silicon	28-1	56.95	57.32	56.60	56.96	0.63	ppb
Silver	109-1	54.43	54.92	54.25	54.53	0.63	ppb
Silver	107-1	54.75	54.29	54.28	54.44	0.49	ppb
Sodium	23-2	5040.12	5032.63	5026.05	5032.94	0.14	ppb
Strontium	86-1	50.76	50.19	50.81	50.59	0.67	ppb
Strontium	88-1	49.33	49.50	49.25	49.36	0.26	ppb
Sulfur	34-1	1210.06	1255.23	1192.59	1219.29	2.65	ppb
Terbium	159-1				91		%
Terbium	159-2				90		%
Thallium	203-1	48.11	48.06	48.44	48.20	0.42	ppb
Thallium	205-1	48.05	47.75	47.75	47.85	0.37	ppb
Thorium	232-1	45.56	45.34	45.15	45.35	0.46	ppb
Tin	118-1	52.82	52.83	52.98	52.88	0.17	ppb
Titanium	47-1	251.17	251.46	248.37	250.34	0.68	ppb
Uranium	238-1	45.86	45.20	45.51	45.52	0.73	ppb
Vanadium	51-2	50.61	51.20	50.14	50.65	1.05	ppb
Yttrium	89-1				91		%
Yttrium	89-2				98		%

LB Number :	LB104299	Operator :	Jaswal
Lab Sample ID :	S3	Instrumnet Name :	P7
Client Sample ID :	S3	Dilution Factor :	1
Date & Time Acquired ::	2019-07-29 11:48:39	DataFile Name :	006CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zinc	66-2	92.88	92.29	92.55	92.57	0.32	ppb
Zirconium	90-1	48.96	48.61	48.99	48.85	0.43	ppb
Zirconium	91-1	49.85	49.28	50.40	49.84	1.13	ppb

LB Number :	LB104299	Operator :	Jaswal
Lab Sample ID :	S4	Instrumnet Name :	P7
Client Sample ID :	S4	Dilution Factor :	1
Date & Time Acquired ::	2019-07-29 11:52:48	DataFile Name :	007CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	2417.09	2414.36	2399.12	2410.19	0.40	ppb
Antimony	121-1	127.05	127.90	125.35	126.77	1.02	ppb
Arsenic	75-1	128.85	128.06	129.75	128.89	0.66	ppb
Barium	135-1	629.20	638.64	623.79	630.54	1.19	ppb
Barium	137-1	628.54	634.05	622.93	628.51	0.88	ppb
Beryllium	9-1	127.27	127.04	126.69	127.00	0.23	ppb
Bismuth	209-1				90		%
Bismuth	209-2				98		%
Boron	11-1	118.55	121.78	123.52	121.29	2.08	ppb
Boron	10-1	123.32	119.72	119.86	120.96	1.69	ppb
Cadmium	106-1	129.05	131.03	127.71	129.27	1.29	ppb
Cadmium	108-1	131.44	133.54	129.77	131.58	1.43	ppb
Cadmium	111-1	129.97	130.77	129.35	130.03	0.55	ppb
Calcium	43-1	12269.19	12386.41	12354.59	12336.73	0.49	ppb
Calcium	44-1	12342.97	12352.00	12279.14	12324.70	0.32	ppb
Chromium	52-2	127.22	126.59	125.64	126.49	0.63	ppb
Cobalt	59-2	128.35	128.47	126.49	127.77	0.87	ppb
Copper	63-2	245.70	246.32	244.41	245.48	0.40	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-2						cps
Erbium	164-1						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				92		%
Holmium	165-2				89		%
Indium	115-1				87		%
Indium	115-2				93		%
Iron	56-2	6362.83	6359.63	6289.08	6337.18	0.66	ppb
Iron	57-2	6407.55	6394.64	6291.40	6364.53	1.00	ppb
Krypton	83-1						cps
Lead	206-1	120.11	118.96	119.83	119.63	0.50	ppb
Lead	207-1	121.23	119.07	120.37	120.22	0.90	ppb
Lead	208-1	120.70	119.02	119.60	119.77	0.71	ppb
Lithium	6-1				92		%
Magnesium	24-2	12551.39	12617.97	12580.28	12583.21	0.27	ppb

LB Number :	LB104299	Operator :	Jaswal
Lab Sample ID :	S4	Instrumnet Name :	P7
Client Sample ID :	S4	Dilution Factor :	1
Date & Time Acquired ::	2019-07-29 11:52:48	DataFile Name :	007CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	253.74	252.06	248.07	251.29	1.16	ppb
Molybdenum	94-1	604.21	610.59	608.54	607.78	0.54	ppb
Molybdenum	95-1	606.26	614.15	605.33	608.58	0.80	ppb
Molybdenum	96-1	603.80	607.12	606.70	605.87	0.30	ppb
Molybdenum	97-1	607.29	607.92	610.52	608.58	0.28	ppb
Molybdenum	98-1	608.53	609.01	610.05	609.20	0.13	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	130.68	130.80	129.19	130.22	0.69	ppb
Phosphorus	31-2	2428.31	2428.12	2426.85	2427.76	0.03	ppb
Potassium	39-2	6090.64	6115.34	6008.41	6071.46	0.92	ppb
Rhodium	103-1				86		%
Rhodium	103-2				92		%
Scandium	45-1				86		%
Scandium	45-2				89		%
Selenium	77-2	122.69	123.66	133.74	126.70	4.83	ppb
Selenium	78-2	130.52	122.09	128.02	126.88	3.41	ppb
Selenium	82-1	130.31	130.80	128.07	129.73	1.12	ppb
Silicon	28-1	132.93	134.63	134.23	133.93	0.66	ppb
Silver	109-1	129.96	130.38	127.00	129.11	1.43	ppb
Silver	107-1	128.44	130.65	128.26	129.12	1.03	ppb
Sodium	23-2	12537.29	12499.46	12371.03	12469.26	0.70	ppb
Strontium	86-1	124.84	126.77	125.19	125.60	0.82	ppb
Strontium	88-1	121.17	122.47	121.27	121.64	0.59	ppb
Sulfur	34-1	2525.62	2509.31	2432.83	2489.25	1.99	ppb
Terbium	159-1				91		%
Terbium	159-2				89		%
Thallium	203-1	119.33	118.33	119.44	119.03	0.51	ppb
Thallium	205-1	118.72	118.63	119.95	119.10	0.62	ppb
Thorium	232-1	115.17	115.17	115.27	115.20	0.05	ppb
Tin	118-1	127.02	129.51	125.98	127.50	1.42	ppb
Titanium	47-1	615.42	622.33	618.20	618.65	0.56	ppb
Uranium	238-1	116.81	114.59	116.22	115.87	0.99	ppb
Vanadium	51-2	124.81	124.66	123.54	124.34	0.56	ppb
Yttrium	89-1				88		%
Yttrium	89-2				92		%

LB Number :	LB104299	Operator :	Jaswal
Lab Sample ID :	S4	Instrumnet Name :	P7
Client Sample ID :	S4	Dilution Factor :	1
Date & Time Acquired ::	2019-07-29 11:52:48	DataFile Name :	007CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zinc	66-2	229.86	229.24	228.92	229.34	0.21	ppb
Zirconium	90-1	119.97	121.87	119.79	120.54	0.96	ppb
Zirconium	91-1	123.07	123.83	123.72	123.54	0.33	ppb

LB Number :	LB104299	Operator :	Jaswal
Lab Sample ID :	S5	Instrumnet Name :	P7
Client Sample ID :	S5	Dilution Factor :	1
Date & Time Acquired ::	2019-07-29 11:56:38	DataFile Name :	008CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	4870.97	4788.62	4761.23	4806.94	1.19	ppb
Antimony	121-1	243.25	244.53	245.37	244.38	0.44	ppb
Arsenic	75-1	248.21	250.65	252.31	250.39	0.82	ppb
Barium	135-1	1210.29	1224.47	1231.55	1222.10	0.89	ppb
Barium	137-1	1231.28	1229.16	1237.13	1232.52	0.33	ppb
Beryllium	9-1	251.98	252.22	252.97	252.39	0.20	ppb
Bismuth	209-1				91		%
Bismuth	209-2				97		%
Boron	11-1	243.44	246.20	248.48	246.04	1.03	ppb
Boron	10-1	245.32	246.95	243.63	245.30	0.68	ppb
Cadmium	106-1	243.50	246.78	240.23	243.50	1.35	ppb
Cadmium	108-1	248.51	246.74	244.80	246.68	0.75	ppb
Cadmium	111-1	245.09	246.08	245.99	245.72	0.22	ppb
Calcium	43-1	24612.82	24398.97	24598.84	24536.87	0.49	ppb
Calcium	44-1	24701.86	24599.90	24726.20	24675.99	0.27	ppb
Chromium	52-2	253.84	251.28	250.73	251.95	0.66	ppb
Cobalt	59-2	253.15	252.80	253.77	253.24	0.19	ppb
Copper	63-2	485.05	482.60	485.04	484.23	0.29	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-2						cps
Erbium	164-1						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				92		%
Holmium	165-2				89		%
Indium	115-1				84		%
Indium	115-2				90		%
Iron	56-2	12740.56	12672.79	12809.90	12741.08	0.54	ppb
Iron	57-2	12877.78	12833.57	12827.67	12846.34	0.21	ppb
Krypton	83-1						cps
Lead	206-1	237.75	238.98	238.35	238.36	0.26	ppb
Lead	207-1	238.06	240.00	238.62	238.89	0.42	ppb
Lead	208-1	237.89	239.10	241.32	239.43	0.73	ppb
Lithium	6-1				84		%
Magnesium	24-2	25517.29	25313.26	25342.37	25390.98	0.43	ppb

LB Number : LB104299 Operator : Jaswal
 Lab Sample ID : S5 Instrumnet Name : P7
 Client Sample ID : S5 Dilution Factor : 1
 Date & Time Acquired :: 2019-07-29 11:56:38 DataFile Name : 008CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	508.12	503.49	505.62	505.74	0.46	ppb
Molybdenum	94-1	1212.99	1226.14	1228.05	1222.39	0.67	ppb
Molybdenum	95-1	1218.70	1228.64	1227.95	1225.10	0.45	ppb
Molybdenum	96-1	1217.17	1225.28	1226.41	1222.96	0.41	ppb
Molybdenum	97-1	1201.47	1210.15	1198.25	1203.29	0.51	ppb
Molybdenum	98-1	1219.85	1228.72	1220.53	1223.03	0.40	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	254.57	258.24	256.40	256.40	0.72	ppb
Phosphorus	31-2	5132.68	4972.48	4960.05	5021.74	1.92	ppb
Potassium	39-2	12069.56	12000.22	12040.04	12036.61	0.29	ppb
Rhodium	103-1				81		%
Rhodium	103-2				88		%
Scandium	45-1				79		%
Scandium	45-2				85		%
Selenium	77-2	252.56	265.01	262.18	259.92	2.51	ppb
Selenium	78-2	249.32	257.29	254.66	253.76	1.60	ppb
Selenium	82-1	256.65	255.96	252.90	255.17	0.78	ppb
Silicon	28-1	261.16	261.02	260.77	260.98	0.08	ppb
Silver	109-1	242.08	241.47	240.10	241.22	0.42	ppb
Silver	107-1	240.53	240.18	239.85	240.19	0.14	ppb
Sodium	23-2	25121.65	24984.67	24998.20	25034.84	0.30	ppb
Strontium	86-1	248.03	251.00	247.53	248.85	0.76	ppb
Strontium	88-1	245.34	245.42	247.18	245.98	0.42	ppb
Sulfur	34-1	4881.50	4748.64	4805.52	4811.89	1.39	ppb
Terbium	159-1				91		%
Terbium	159-2				89		%
Thallium	203-1	238.96	238.29	237.11	238.12	0.39	ppb
Thallium	205-1	241.92	240.89	241.74	241.51	0.23	ppb
Thorium	232-1	236.52	237.12	238.15	237.27	0.35	ppb
Tin	118-1	243.94	245.38	245.27	244.86	0.33	ppb
Titanium	47-1	1224.84	1225.79	1229.93	1226.86	0.22	ppb
Uranium	238-1	236.81	237.73	238.05	237.53	0.27	ppb
Vanadium	51-2	249.55	246.92	248.72	248.40	0.54	ppb
Yttrium	89-1				83		%
Yttrium	89-2				89		%

LB Number :	LB104299	Operator :	Jaswal
Lab Sample ID :	S5	Instrumnet Name :	P7
Client Sample ID :	S5	Dilution Factor :	1
Date & Time Acquired ::	2019-07-29 11:56:38	DataFile Name :	008CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zinc	66-2	457.11	458.61	458.06	457.93	0.16	ppb
Zirconium	90-1	238.15	241.14	239.58	239.62	0.63	ppb
Zirconium	91-1	246.67	246.48	247.78	246.98	0.28	ppb

LB Number : LB104299 Operator : Jaswal
 Lab Sample ID : S6 Instrumnet Name : P7
 Client Sample ID : S6 Dilution Factor : 1
 Date & Time Acquired :: 2019-07-29 12:00:27 DataFile Name : 009CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	9395.38	9355.48	9447.16	9399.34	0.49	ppb
Antimony	121-1	489.14	494.39	485.16	489.56	0.95	ppb
Arsenic	75-1	492.77	497.66	489.80	493.41	0.80	ppb
Barium	135-1	2433.28	2465.15	2415.64	2438.02	1.03	ppb
Barium	137-1	2443.34	2453.86	2407.70	2434.97	0.99	ppb
Beryllium	9-1	489.70	495.27	492.78	492.58	0.57	ppb
Bismuth	209-1				90		%
Bismuth	209-2				96		%
Boron	11-1	473.67	488.65	488.44	483.59	1.78	ppb
Boron	10-1	470.47	489.68	489.70	483.28	2.30	ppb
Cadmium	106-1	481.25	477.44	469.12	475.94	1.30	ppb
Cadmium	108-1	476.14	482.53	469.95	476.21	1.32	ppb
Cadmium	111-1	475.57	481.99	474.49	477.35	0.85	ppb
Calcium	43-1	48407.70	48453.78	48486.27	48449.25	0.08	ppb
Calcium	44-1	48596.67	48753.79	48789.53	48713.33	0.21	ppb
Chromium	52-2	496.99	490.02	492.30	493.10	0.72	ppb
Cobalt	59-2	496.74	487.59	493.93	492.75	0.95	ppb
Copper	63-2	939.86	933.88	939.58	937.77	0.36	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-2						cps
Erbium	164-1						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				92		%
Holmium	165-2				89		%
Indium	115-1				83		%
Indium	115-2				88		%
Iron	56-2	25197.62	24877.20	25064.94	25046.59	0.64	ppb
Iron	57-2	25250.02	24906.61	25211.17	25122.60	0.75	ppb
Krypton	83-1						cps
Lead	206-1	464.77	474.08	472.23	470.36	1.05	ppb
Lead	207-1	465.20	478.73	472.27	472.07	1.43	ppb
Lead	208-1	473.11	483.66	477.54	478.11	1.11	ppb
Lithium	6-1				82		%
Magnesium	24-2	49961.09	49531.64	49983.96	49825.56	0.51	ppb

LB Number : LB104299 Operator : Jaswal
 Lab Sample ID : S6 Instrumnet Name : P7
 Client Sample ID : S6 Dilution Factor : 1
 Date & Time Acquired :: 2019-07-29 12:00:27 DataFile Name : 009CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	993.43	987.23	994.85	991.84	0.41	ppb
Molybdenum	94-1	2408.53	2436.08	2441.68	2428.76	0.73	ppb
Molybdenum	95-1	2407.22	2447.14	2426.87	2427.08	0.82	ppb
Molybdenum	96-1	2411.67	2437.31	2440.89	2429.96	0.66	ppb
Molybdenum	97-1	2417.04	2437.10	2447.86	2434.00	0.64	ppb
Molybdenum	98-1	2427.60	2446.81	2440.14	2438.19	0.40	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	501.13	497.91	498.80	499.28	0.33	ppb
Phosphorus	31-2	10054.01	9801.43	9815.19	9890.21	1.44	ppb
Potassium	39-2	24032.35	23630.83	23753.88	23805.69	0.86	ppb
Rhodium	103-1				79		%
Rhodium	103-2				86		%
Scandium	45-1				78		%
Scandium	45-2				84		%
Selenium	77-2	500.30	516.63	495.35	504.09	2.21	ppb
Selenium	78-2	502.98	501.79	501.81	502.20	0.13	ppb
Selenium	82-1	499.80	506.87	505.47	504.05	0.74	ppb
Silicon	28-1	552.12	555.03	559.70	555.62	0.69	ppb
Silver	109-1	475.40	481.24	474.17	476.94	0.79	ppb
Silver	107-1	474.21	481.20	472.27	475.89	0.99	ppb
Sodium	23-2	49767.32	48870.11	49395.43	49344.29	0.91	ppb
Strontium	86-1	488.81	490.59	495.22	491.54	0.67	ppb
Strontium	88-1	484.21	492.23	490.93	489.12	0.88	ppb
Sulfur	34-1	9628.13	9539.19	9455.27	9540.86	0.91	ppb
Terbium	159-1				91		%
Terbium	159-2				88		%
Thallium	203-1	479.62	484.41	485.43	483.16	0.64	ppb
Thallium	205-1	475.12	483.93	483.60	480.88	1.04	ppb
Thorium	232-1	471.93	483.32	481.00	478.75	1.26	ppb
Tin	118-1	472.76	481.48	472.77	475.67	1.06	ppb
Titanium	47-1	2404.73	2411.07	2425.84	2413.88	0.45	ppb
Uranium	238-1	478.61	483.18	481.27	481.02	0.48	ppb
Vanadium	51-2	492.67	488.82	488.17	489.89	0.50	ppb
Yttrium	89-1				82		%
Yttrium	89-2				88		%

LB Number :	LB104299	Operator :	Jaswal
Lab Sample ID :	S6	Instrumnet Name :	P7
Client Sample ID :	S6	Dilution Factor :	1
Date & Time Acquired ::	2019-07-29 12:00:27	DataFile Name :	009CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zinc	66-2	901.18	887.38	893.33	893.96	0.77	ppb
Zirconium	90-1	482.09	486.36	484.35	484.26	0.44	ppb
Zirconium	91-1	483.95	487.11	490.10	487.05	0.63	ppb

LB Number :	LB104299	Operator :	Jaswal
Lab Sample ID :	S7	Instrumnet Name :	P7
Client Sample ID :	S7	Dilution Factor :	1
Date & Time Acquired ::	2019-07-29 12:04:12	DataFile Name :	010CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	19295.76	19258.92	19359.03	19304.57	0.26	ppb
Antimony	121-1	1008.32	1009.72	1000.80	1006.28	0.48	ppb
Arsenic	75-1	1002.09	1002.48	1003.16	1002.58	0.05	ppb
Barium	135-1	5040.31	5043.21	5026.97	5036.83	0.17	ppb
Barium	137-1	5038.48	5028.79	5040.77	5036.01	0.13	ppb
Beryllium	9-1	1005.75	1001.33	1001.30	1002.79	0.26	ppb
Bismuth	209-1				88		%
Bismuth	209-2				95		%
Boron	11-1	1006.52	1004.24	1018.55	1009.77	0.76	ppb
Boron	10-1	1004.48	1005.49	1020.66	1010.21	0.90	ppb
Cadmium	106-1	1011.84	1012.13	1014.72	1012.90	0.16	ppb
Cadmium	108-1	1014.99	1010.20	1009.68	1011.62	0.29	ppb
Cadmium	111-1	1017.60	1012.67	1004.42	1011.56	0.66	ppb
Calcium	43-1	100010.29	98696.16	99429.35	99378.60	0.66	ppb
Calcium	44-1	100769.16	100778.82	100763.48	100770.48	0.01	ppb
Chromium	52-2	1004.69	997.05	1006.36	1002.70	0.49	ppb
Cobalt	59-2	1009.76	1002.95	994.37	1002.36	0.77	ppb
Copper	63-2	2038.69	2025.76	2042.30	2035.58	0.43	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-2						cps
Erbium	164-1						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				93		%
Holmium	165-2				90		%
Indium	115-1				82		%
Indium	115-2				88		%
Iron	56-2	51004.28	50568.02	50990.85	50854.38	0.49	ppb
Iron	57-2	50683.12	50572.63	50827.18	50694.31	0.25	ppb
Krypton	83-1						cps
Lead	206-1	1025.59	1021.20	1008.78	1018.52	0.86	ppb
Lead	207-1	1020.48	1018.39	1013.47	1017.45	0.35	ppb
Lead	208-1	1016.24	1018.27	1008.52	1014.34	0.51	ppb
Lithium	6-1				82		%
Magnesium	24-2	102409.16	101615.37	101980.69	102001.74	0.39	ppb

LB Number : LB104299 Operator : Jaswal
 Lab Sample ID : S7 Instrumnet Name : P7
 Client Sample ID : S7 Dilution Factor : 1
 Date & Time Acquired :: 2019-07-29 12:04:12 DataFile Name : 010CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	2000.80	1992.89	2013.38	2002.36	0.52	ppb
Molybdenum	94-1	5062.43	5057.82	5014.21	5044.82	0.53	ppb
Molybdenum	95-1	5059.42	5043.57	5031.59	5044.86	0.28	ppb
Molybdenum	96-1	5052.17	5043.63	5037.27	5044.35	0.15	ppb
Molybdenum	97-1	5054.95	5051.79	5034.02	5046.92	0.22	ppb
Molybdenum	98-1	5047.86	5042.91	5028.67	5039.81	0.20	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	1000.61	992.17	1001.02	997.93	0.50	ppb
Phosphorus	31-2	20396.61	19737.24	20043.82	20059.23	1.64	ppb
Potassium	39-2	49135.90	48871.69	49161.76	49056.45	0.33	ppb
Rhodium	103-1				78		%
Rhodium	103-2				86		%
Scandium	45-1				80		%
Scandium	45-2				87		%
Selenium	77-2	995.30	997.69	992.67	995.22	0.25	ppb
Selenium	78-2	1005.73	999.57	987.54	997.61	0.93	ppb
Selenium	82-1	1000.59	991.25	996.03	995.96	0.47	ppb
Silicon	28-1	971.37	965.48	967.09	967.98	0.31	ppb
Silver	109-1	1015.68	1012.39	1010.89	1012.99	0.24	ppb
Silver	107-1	1011.75	1016.72	1012.84	1013.77	0.26	ppb
Sodium	23-2	102010.68	100612.52	101911.04	101511.42	0.77	ppb
Strontium	86-1	1008.69	1005.79	998.76	1004.41	0.51	ppb
Strontium	88-1	1010.07	1004.43	1006.18	1006.90	0.29	ppb
Sulfur	34-1	20445.99	20006.28	20348.66	20266.98	1.14	ppb
Terbium	159-1				92		%
Terbium	159-2				90		%
Thallium	203-1	1012.83	1010.70	1013.15	1012.23	0.13	ppb
Thallium	205-1	1016.72	1017.87	1002.98	1012.53	0.82	ppb
Thorium	232-1	1014.32	1022.31	1009.17	1015.27	0.65	ppb
Tin	118-1	1019.85	1012.06	1007.07	1012.99	0.64	ppb
Titanium	47-1	5043.59	5050.23	5055.05	5049.62	0.11	ppb
Uranium	238-1	1015.76	1022.74	1003.42	1013.97	0.96	ppb
Vanadium	51-2	1007.81	1003.23	1005.48	1005.51	0.23	ppb
Yttrium	89-1				84		%
Yttrium	89-2				91		%

LB Number :	LB104299	Operator :	Jaswal
Lab Sample ID :	S7	Instrumnet Name :	P7
Client Sample ID :	S7	Dilution Factor :	1
Date & Time Acquired ::	2019-07-29 12:04:12	DataFile Name :	010CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zinc	66-2	2066.84	2051.83	2080.80	2066.49	0.70	ppb
Zirconium	90-1	1013.48	1011.57	1008.18	1011.08	0.27	ppb
Zirconium	91-1	1013.54	1012.24	996.48	1007.42	0.94	ppb

LB Number :	LB104299	Operator :	Jaswal
Lab Sample ID :	S8	Instrumnet Name :	P7
Client Sample ID :	S8	Dilution Factor :	1
Date & Time Acquired ::	2019-07-29 12:08:00	DataFile Name :	011CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	100093.51	100354.45	100185.73	100211.23	0.13	ppb
Antimony	121-1	1.75	1.69	1.68	1.71	2.21	ppb
Arsenic	75-1	1.33	1.21	1.40	1.31	7.17	ppb
Barium	135-1	1.24	1.07	0.88	1.07	16.64	ppb
Barium	137-1	1.32	1.06	0.86	1.08	21.23	ppb
Beryllium	9-1	0.26	0.22	0.17	0.21	20.87	ppb
Bismuth	209-1				75		%
Bismuth	209-2				81		%
Boron	11-1	55.65	50.42	48.93	51.67	6.83	ppb
Boron	10-1	55.78	50.24	47.61	51.21	8.14	ppb
Cadmium	106-1	-1.13	-1.94	-1.85	-1.64		ppb
Cadmium	108-1	0.29	0.17	0.25	0.24	27.44	ppb
Cadmium	111-1	0.16	0.00	-0.01	0.05	195.79	ppb
Calcium	43-1	502101.97	500467.65	498349.47	500306.36	0.38	ppb
Calcium	44-1	501985.15	499522.56	498478.72	499995.48	0.36	ppb
Chromium	52-2	15.26	15.66	15.55	15.49	1.34	ppb
Cobalt	59-2	11.80	11.51	11.78	11.70	1.41	ppb
Copper	63-2	4.69	4.68	4.50	4.63	2.33	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-2						cps
Erbium	164-1						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				86		%
Holmium	165-2				86		%
Indium	115-1				77		%
Indium	115-2				86		%
Iron	56-2	250388.40	249706.94	249333.41	249809.58	0.21	ppb
Iron	57-2	249459.68	249475.83	250548.06	249827.86	0.25	ppb
Krypton	83-1						cps
Lead	206-1	0.98	0.94	0.89	0.94	5.08	ppb
Lead	207-1	0.97	0.91	0.83	0.90	8.06	ppb
Lead	208-1	0.97	0.92	0.87	0.92	5.89	ppb
Lithium	6-1				81		%
Magnesium	24-2	500216.46	498226.53	500339.94	499594.31	0.24	ppb

LB Number :	LB104299	Operator :	Jaswal
Lab Sample ID :	S8	Instrumnet Name :	P7
Client Sample ID :	S8	Dilution Factor :	1
Date & Time Acquired ::	2019-07-29 12:08:00	DataFile Name :	011CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	6.93	6.63	6.74	6.77	2.25	ppb
Molybdenum	94-1	3.06	2.70	2.56	2.77	9.20	ppb
Molybdenum	95-1	3.47	3.15	3.10	3.24	6.14	ppb
Molybdenum	96-1	4.80	4.56	4.42	4.59	4.17	ppb
Molybdenum	97-1	3.40	3.14	3.03	3.19	5.93	ppb
Molybdenum	98-1	3.38	3.07	2.85	3.10	8.54	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	17.35	17.23	17.08	17.22	0.79	ppb
Phosphorus	31-2	-7.36	-11.02	-9.45	-9.28		ppb
Potassium	39-2	249804.47	250378.01	250825.44	250335.97	0.20	ppb
Rhodium	103-1				71		%
Rhodium	103-2				79		%
Scandium	45-1				80		%
Scandium	45-2				89		%
Selenium	77-2	0.00	0.00	0.00	0.00	N/A	ppb
Selenium	78-2	0.35	0.33	0.34	0.34	3.98	ppb
Selenium	82-1	0.67	0.83	0.94	0.81	17.04	ppb
Silicon	28-1	22.95	22.84	22.43	22.74	1.20	ppb
Silver	109-1	0.18	0.13	0.11	0.14	25.10	ppb
Silver	107-1	0.18	0.11	0.11	0.13	31.62	ppb
Sodium	23-2	500027.52	499029.86	500228.62	499762.00	0.13	ppb
Strontium	86-1	4.37	4.46	4.36	4.39	1.22	ppb
Strontium	88-1	4.22	4.26	4.25	4.25	0.48	ppb
Sulfur	34-1	-815.96	-790.26	-639.47	-748.56		ppb
Terbium	159-1				85		%
Terbium	159-2				86		%
Thallium	203-1	0.40	0.37	0.30	0.35	13.67	ppb
Thallium	205-1	0.39	0.34	0.29	0.34	14.44	ppb
Thorium	232-1	0.42	0.36	0.31	0.36	14.83	ppb
Tin	118-1	0.59	0.54	0.49	0.54	9.47	ppb
Titanium	47-1	2.37	2.14	1.64	2.05	18.35	ppb
Uranium	238-1	0.21	0.17	0.11	0.16	31.53	ppb
Vanadium	51-2	0.16	0.19	0.15	0.17	11.65	ppb
Yttrium	89-1				81		%
Yttrium	89-2				91		%

LB Number :	LB104299	Operator :	Jaswal
Lab Sample ID :	S8	Instrumnet Name :	P7
Client Sample ID :	S8	Dilution Factor :	1
Date & Time Acquired ::	2019-07-29 12:08:00	DataFile Name :	011CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zinc	66-2	17.54	17.04	17.35	17.31	1.47	ppb
Zirconium	90-1	0.39	0.34	0.26	0.33	18.76	ppb
Zirconium	91-1	0.44	0.38	0.33	0.38	14.72	ppb

LB Number :	LB104299	Operator :	Jaswal
Lab Sample ID :	ICV01	Instrumnet Name :	P7
Client Sample ID :	ICV01	Dilution Factor :	1
Date & Time Acquired ::	2019-07-29 12:36:59	DataFile Name :	012ICV01.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	449.90	453.91	449.61	451.14	0.53	ppb
Antimony	121-1	196.28	193.53	194.68	194.83	0.71	ppb
Arsenic	75-1	204.55	205.02	203.36	204.31	0.42	ppb
Barium	135-1	98.95	97.20	97.70	97.95	0.92	ppb
Barium	137-1	99.74	97.68	96.67	98.03	1.60	ppb
Beryllium	9-1	96.93	96.74	96.75	96.81	0.11	ppb
Bismuth	209-1				96		%
Bismuth	209-2				105		%
Boron	11-1	2.26	1.92	1.88	2.02	10.44	ppb
Boron	10-1	2.39	2.00	1.84	2.07	13.58	ppb
Cadmium	106-1	82.65	79.93	81.66	81.42	1.69	ppb
Cadmium	108-1	105.98	103.44	103.86	104.43	1.30	ppb
Cadmium	111-1	101.52	98.29	99.68	99.83	1.62	ppb
Calcium	43-1	1852.10	1844.43	1918.40	1871.64	2.17	ppb
Calcium	44-1	1880.10	1872.04	1874.93	1875.69	0.22	ppb
Chromium	52-2	96.86	95.53	97.05	96.48	0.86	ppb
Cobalt	59-2	99.84	99.32	100.57	99.91	0.63	ppb
Copper	63-2	94.88	95.50	95.99	95.46	0.59	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-2						cps
Erbium	164-1						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				98		%
Holmium	165-2				96		%
Indium	115-1				96		%
Indium	115-2				103		%
Iron	56-2	968.51	959.98	971.16	966.55	0.60	ppb
Iron	57-2	994.85	988.52	989.19	990.86	0.35	ppb
Krypton	83-1						cps
Lead	206-1	183.03	181.34	183.48	182.62	0.62	ppb
Lead	207-1	180.61	181.35	182.43	181.47	0.50	ppb
Lead	208-1	181.18	181.43	182.33	181.65	0.33	ppb
Lithium	6-1				100		%
Magnesium	24-2	1186.63	1176.66	1190.17	1184.49	0.59	ppb

LB Number :	LB104299	Operator :	Jaswal
Lab Sample ID :	ICV01	Instrumnet Name :	P7
Client Sample ID :	ICV01	Dilution Factor :	1
Date & Time Acquired ::	2019-07-29 12:36:59	DataFile Name :	012ICV01.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	94.13	94.34	96.21	94.89	1.21	ppb
Molybdenum	94-1	1644.82	1629.36	1633.25	1635.81	0.49	ppb
Molybdenum	95-1	2322.60	2323.46	2321.88	2322.65	0.03	ppb
Molybdenum	96-1	2236.07	2243.38	2238.89	2239.45	0.16	ppb
Molybdenum	97-1	2329.08	2324.95	2319.79	2324.61	0.20	ppb
Molybdenum	98-1	2316.02	2312.35	2322.74	2317.04	0.23	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	102.24	102.62	103.99	102.95	0.89	ppb
Phosphorus	31-2	-30.42	-21.05	-27.58	-26.35		ppb
Potassium	39-2	1909.27	1897.91	1906.40	1904.53	0.31	ppb
Rhodium	103-1				95		%
Rhodium	103-2				102		%
Scandium	45-1				97		%
Scandium	45-2				101		%
Selenium	77-2	198.01	205.00	200.28	201.10	1.77	ppb
Selenium	78-2	205.44	206.73	200.38	204.18	1.64	ppb
Selenium	82-1	201.96	202.33	203.05	202.45	0.27	ppb
Silicon	28-1	4.99	5.69	6.75	5.81	15.26	ppb
Silver	109-1	96.66	94.10	94.73	95.16	1.40	ppb
Silver	107-1	95.94	94.26	94.54	94.91	0.95	ppb
Sodium	23-2	1922.94	1901.33	1916.01	1913.43	0.58	ppb
Strontium	86-1	2.23	2.25	2.25	2.24	0.62	ppb
Strontium	88-1	2.23	2.18	2.17	2.19	1.41	ppb
Sulfur	34-1	-386.21	-526.51	-576.62	-496.45		ppb
Terbium	159-1				97		%
Terbium	159-2				96		%
Thallium	203-1	184.65	185.63	185.29	185.19	0.27	ppb
Thallium	205-1	188.48	188.21	189.02	188.57	0.22	ppb
Thorium	232-1	0.04	0.04	0.05	0.05	7.63	ppb
Tin	118-1	0.05	0.06	0.08	0.06	20.55	ppb
Titanium	47-1	2418.32	2414.80	2419.69	2417.60	0.10	ppb
Uranium	238-1	0.00	0.01	0.00	0.00	79.25	ppb
Vanadium	51-2	95.66	94.07	95.70	95.14	0.98	ppb
Yttrium	89-1				96		%
Yttrium	89-2				102		%

LB Number :	LB104299	Operator :	Jaswal
Lab Sample ID :	ICV01	Instrumnet Name :	P7
Client Sample ID :	ICV01	Dilution Factor :	1
Date & Time Acquired ::	2019-07-29 12:36:59	DataFile Name :	012ICV01.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zinc	66-2	199.77	197.97	199.63	199.12	0.50	ppb
Zirconium	90-1	0.18	0.15	0.13	0.16	16.06	ppb
Zirconium	91-1	0.24	0.19	0.24	0.22	12.02	ppb

LB Number : LB104299 Operator : Jaswal
 Lab Sample ID : ICB01 Instrumnet Name : P7
 Client Sample ID : ICB01 Dilution Factor : 1
 Date & Time Acquired :: 2019-07-29 12:55:07 DataFile Name : 013CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	-0.19	-0.32	-0.25	-0.25		ppb
Antimony	121-1	0.05	0.05	0.06	0.05	4.78	ppb
Arsenic	75-1	-0.02	-0.02	0.00	-0.01		ppb
Barium	135-1	0.01	0.00	0.01	0.00	116.16	ppb
Barium	137-1	0.00	0.01	0.01	0.01	64.51	ppb
Beryllium	9-1	0.01	0.01	0.01	0.01	36.34	ppb
Bismuth	209-1				93		%
Bismuth	209-2				104		%
Boron	11-1	0.50	0.51	0.47	0.49	4.30	ppb
Boron	10-1	0.80	0.71	0.61	0.71	13.47	ppb
Cadmium	106-1	-2.12	-2.09	-1.93	-2.05		ppb
Cadmium	108-1	0.00	0.00	0.00	0.00		ppb
Cadmium	111-1	-0.14	-0.15	-0.13	-0.14		ppb
Calcium	43-1	-1.21	-1.23	0.32	-0.71		ppb
Calcium	44-1	-0.24	-1.22	-0.25	-0.57		ppb
Chromium	52-2	-0.04	-0.06	-0.05	-0.05		ppb
Cobalt	59-2	0.00	0.00	0.00	0.00	136.09	ppb
Copper	63-2	-0.03	-0.03	-0.02	-0.03		ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-2						cps
Erbium	164-1						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				95		%
Holmium	165-2				96		%
Indium	115-1				96		%
Indium	115-2				106		%
Iron	56-2	0.13	0.15	0.09	0.12	25.04	ppb
Iron	57-2	0.78	1.18	0.80	0.92	24.64	ppb
Krypton	83-1						cps
Lead	206-1	0.01	0.02	0.00	0.01	59.48	ppb
Lead	207-1	0.01	0.01	0.01	0.01	16.84	ppb
Lead	208-1	0.01	0.01	0.01	0.01	13.82	ppb
Lithium	6-1				106		%
Magnesium	24-2	0.45	0.53	0.19	0.39	45.58	ppb

LB Number :	LB104299	Operator :	Jaswal
Lab Sample ID :	ICB01	Instrumnet Name :	P7
Client Sample ID :	ICB01	Dilution Factor :	1
Date & Time Acquired ::	2019-07-29 12:55:07	DataFile Name :	013CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	0.00	-0.01	0.01	0.00		ppb
Molybdenum	94-1	0.07	0.03	0.02	0.04	62.08	ppb
Molybdenum	95-1	0.05	0.06	0.04	0.05	18.31	ppb
Molybdenum	96-1	0.06	0.04	0.02	0.04	48.24	ppb
Molybdenum	97-1	0.05	0.04	0.04	0.05	16.99	ppb
Molybdenum	98-1	0.05	0.04	0.04	0.05	3.99	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	-0.01	0.01	-0.01	-0.01		ppb
Phosphorus	31-2	-18.26	-19.24	-14.31	-17.27		ppb
Potassium	39-2	0.99	2.63	1.86	1.83	44.84	ppb
Rhodium	103-1				97		%
Rhodium	103-2				105		%
Scandium	45-1				101		%
Scandium	45-2				107		%
Selenium	77-2	0.00	0.00	0.00	0.00	N/A	ppb
Selenium	78-2	0.03	0.51	0.70	0.41	84.14	ppb
Selenium	82-1	0.23	0.09	-0.03	0.10	134.04	ppb
Silicon	28-1	2.19	2.28	2.50	2.32	6.87	ppb
Silver	109-1	0.01	0.00	0.00	0.00	79.56	ppb
Silver	107-1	0.00	0.00	0.00	0.00	54.73	ppb
Sodium	23-2	-1.78	-1.16	-0.01	-0.98		ppb
Strontium	86-1	0.02	0.03	0.02	0.02	36.14	ppb
Strontium	88-1	0.00	0.00	0.00	0.00	47.40	ppb
Sulfur	34-1	-103.24	-113.84	-87.16	-101.41		ppb
Terbium	159-1				95		%
Terbium	159-2				96		%
Thallium	203-1	0.01	0.01	0.02	0.02	0.68	ppb
Thallium	205-1	0.01	0.01	0.01	0.01	33.59	ppb
Thorium	232-1	0.01	0.01	0.01	0.01	19.79	ppb
Tin	118-1	0.04	0.03	0.05	0.04	35.40	ppb
Titanium	47-1	0.04	0.03	0.01	0.02	72.43	ppb
Uranium	238-1	0.01	0.00	0.00	0.00	83.65	ppb
Vanadium	51-2	0.00	0.00	0.00	0.00	279.80	ppb
Yttrium	89-1				98		%
Yttrium	89-2				106		%

LB Number :	LB104299	Operator :	Jaswal
Lab Sample ID :	ICB01	Instrumnet Name :	P7
Client Sample ID :	ICB01	Dilution Factor :	1
Date & Time Acquired ::	2019-07-29 12:55:07	DataFile Name :	013CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zinc	66-2	-0.16	-0.09	-0.16	-0.14		ppb
Zirconium	90-1	0.01	0.01	0.00	0.01	31.56	ppb
Zirconium	91-1	0.01	-0.02	-0.01	-0.01		ppb

LB Number : LB104299 Operator : Jaswal
 Lab Sample ID : ICSA01 Instrumnet Name : P7
 Client Sample ID : ICSA01 Dilution Factor : 1
 Date & Time Acquired :: 2019-07-29 12:58:44 DataFile Name : 014ICSA01.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	87504.12	87928.89	87491.28	87641.43	0.28	ppb
Antimony	121-1	1.04	1.09	1.05	1.06	2.52	ppb
Arsenic	75-1	1.31	1.52	1.50	1.44	7.77	ppb
Barium	135-1	1.49	1.30	1.45	1.41	6.97	ppb
Barium	137-1	1.41	1.31	1.38	1.36	3.69	ppb
Beryllium	9-1	0.36	0.30	0.27	0.31	14.60	ppb
Bismuth	209-1				89		%
Bismuth	209-2				95		%
Boron	11-1	0.89	1.21	1.07	1.06	15.02	ppb
Boron	10-1	1.88	1.37	0.49	1.24	56.49	ppb
Cadmium	106-1	-3.03	-2.06	-3.35	-2.81		ppb
Cadmium	108-1	10.19	10.18	9.86	10.08	1.83	ppb
Cadmium	111-1	0.12	0.28	0.12	0.17	52.65	ppb
Calcium	43-1	90702.80	91474.58	90835.12	91004.17	0.45	ppb
Calcium	44-1	92654.40	93443.41	93048.85	93048.89	0.42	ppb
Chromium	52-2	19.29	19.11	19.14	19.18	0.50	ppb
Cobalt	59-2	1.19	1.12	1.15	1.15	2.79	ppb
Copper	63-2	6.90	7.01	6.96	6.96	0.78	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-2						cps
Erbium	164-1						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				97		%
Holmium	165-2				94		%
Indium	115-1				89		%
Indium	115-2				94		%
Iron	56-2	96883.51	97223.72	97544.34	97217.19	0.34	ppb
Iron	57-2	96125.49	97291.59	97507.33	96974.80	0.77	ppb
Krypton	83-1						cps
Lead	206-1	4.50	4.53	4.44	4.49	1.02	ppb
Lead	207-1	4.14	4.12	4.14	4.13	0.24	ppb
Lead	208-1	4.28	4.23	4.22	4.24	0.85	ppb
Lithium	6-1				94		%
Magnesium	24-2	98186.93	98719.74	99024.41	98643.69	0.43	ppb

LB Number :	LB104299	Operator :	Jaswal
Lab Sample ID :	ICSA01	Instrumnet Name :	P7
Client Sample ID :	ICSA01	Dilution Factor :	1
Date & Time Acquired ::	2019-07-29 12:58:44	DataFile Name :	014ICSA01.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	7.52	7.24	7.61	7.46	2.55	ppb
Molybdenum	94-1	1224.91	1221.18	1225.68	1223.93	0.20	ppb
Molybdenum	95-1	1733.89	1734.53	1735.54	1734.66	0.05	ppb
Molybdenum	96-1	1664.73	1664.04	1667.37	1665.38	0.11	ppb
Molybdenum	97-1	1734.11	1732.25	1733.64	1733.33	0.06	ppb
Molybdenum	98-1	1730.13	1733.19	1736.25	1733.19	0.18	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	5.15	5.19	5.04	5.13	1.51	ppb
Phosphorus	31-2	94607.15	95466.47	95128.84	95067.49	0.46	ppb
Potassium	39-2	95190.19	96001.42	95263.46	95485.02	0.47	ppb
Rhodium	103-1				85		%
Rhodium	103-2				91		%
Scandium	45-1				90		%
Scandium	45-2				94		%
Selenium	77-2	0.00	0.00	0.00	0.00	N/A	ppb
Selenium	78-2	-0.63	-0.01	-0.47	-0.37		ppb
Selenium	82-1	0.42	0.32	0.21	0.32	34.29	ppb
Silicon	28-1	18.82	19.56	19.42	19.27	2.04	ppb
Silver	109-1	0.02	0.02	0.03	0.03	25.36	ppb
Silver	107-1	0.02	0.02	0.03	0.02	17.78	ppb
Sodium	23-2	97369.78	98606.46	98486.85	98154.36	0.69	ppb
Strontium	86-1	32.46	32.33	32.42	32.41	0.21	ppb
Strontium	88-1	31.85	31.95	31.88	31.90	0.16	ppb
Sulfur	34-1	87469.12	87467.25	86630.05	87188.81	0.56	ppb
Terbium	159-1				96		%
Terbium	159-2				94		%
Thallium	203-1	0.09	0.08	0.09	0.08	7.87	ppb
Thallium	205-1	0.08	0.09	0.09	0.09	9.32	ppb
Thorium	232-1	0.02	0.03	0.02	0.02	9.47	ppb
Tin	118-1	0.16	0.17	0.18	0.17	8.03	ppb
Titanium	47-1	1871.93	1875.80	1863.86	1870.53	0.33	ppb
Uranium	238-1	0.03	0.02	0.02	0.02	18.80	ppb
Vanadium	51-2	0.15	0.15	0.17	0.16	6.76	ppb
Yttrium	89-1				91		%
Yttrium	89-2				96		%

LB Number :	LB104299	Operator :	Jaswal
Lab Sample ID :	ICSA01	Instrumnet Name :	P7
Client Sample ID :	ICSA01	Dilution Factor :	1
Date & Time Acquired ::	2019-07-29 12:58:44	DataFile Name :	014ICSA01.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zinc	66-2	9.21	9.72	9.57	9.50	2.76	ppb
Zirconium	90-1	0.03	0.02	0.03	0.03	9.47	ppb
Zirconium	91-1	0.03	0.04	0.03	0.03	23.26	ppb

LB Number :	LB104299	Operator :	Jaswal
Lab Sample ID :	ICSAB01	Instrumnet Name :	P7
Client Sample ID :	ICSAB01	Dilution Factor :	1
Date & Time Acquired ::	2019-07-29 13:02:21	DataFile Name :	015ICSB.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	86697.75	88305.13	85451.92	86818.27	1.65	ppb
Antimony	121-1	20.05	20.21	20.08	20.11	0.42	ppb
Arsenic	75-1	21.27	21.29	20.99	21.18	0.79	ppb
Barium	135-1	20.74	20.56	20.77	20.69	0.56	ppb
Barium	137-1	20.99	20.68	21.02	20.90	0.89	ppb
Beryllium	9-1	19.84	19.68	19.82	19.78	0.44	ppb
Bismuth	209-1				90		%
Bismuth	209-2				97		%
Boron	11-1	0.83	1.22	1.00	1.02	18.91	ppb
Boron	10-1	0.76	0.36	1.01	0.71	45.66	ppb
Cadmium	106-1	12.81	12.14	12.77	12.57	2.99	ppb
Cadmium	108-1	26.63	26.67	25.69	26.33	2.11	ppb
Cadmium	111-1	18.31	18.50	18.10	18.30	1.10	ppb
Calcium	43-1	92032.18	92204.06	91360.54	91865.59	0.49	ppb
Calcium	44-1	94305.33	94502.17	93710.12	94172.54	0.44	ppb
Chromium	52-2	37.65	38.60	37.38	37.88	1.68	ppb
Cobalt	59-2	20.35	20.66	20.04	20.35	1.53	ppb
Copper	63-2	25.09	25.55	24.58	25.07	1.93	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-2						cps
Erbium	164-1						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				97		%
Holmium	165-2				96		%
Indium	115-1				89		%
Indium	115-2				95		%
Iron	56-2	96085.19	97638.01	95094.38	96272.52	1.33	ppb
Iron	57-2	95850.80	97810.20	95075.58	96245.53	1.46	ppb
Krypton	83-1						cps
Lead	206-1	24.06	24.06	23.99	24.04	0.17	ppb
Lead	207-1	23.03	23.06	22.66	22.91	0.97	ppb
Lead	208-1	23.32	23.34	23.17	23.28	0.40	ppb
Lithium	6-1				93		%
Magnesium	24-2	97611.31	99357.54	96935.43	97968.09	1.28	ppb

LB Number :	LB104299	Operator :	Jaswal
Lab Sample ID :	ICSAB01	Instrumnet Name :	P7
Client Sample ID :	ICSAB01	Dilution Factor :	1
Date & Time Acquired ::	2019-07-29 13:02:21	DataFile Name :	015ICSB.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	26.60	26.97	26.50	26.69	0.93	ppb
Molybdenum	94-1	1246.56	1232.99	1238.84	1239.46	0.55	ppb
Molybdenum	95-1	1768.61	1748.06	1739.42	1752.03	0.86	ppb
Molybdenum	96-1	1704.12	1681.31	1677.74	1687.72	0.85	ppb
Molybdenum	97-1	1774.60	1753.98	1745.50	1758.03	0.85	ppb
Molybdenum	98-1	1774.39	1748.76	1738.46	1753.87	1.06	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	24.42	24.40	24.05	24.29	0.87	ppb
Phosphorus	31-2	93590.51	95730.74	91488.11	93603.12	2.27	ppb
Potassium	39-2	94498.42	96430.29	93458.97	94795.89	1.59	ppb
Rhodium	103-1				85		%
Rhodium	103-2				92		%
Scandium	45-1				90		%
Scandium	45-2				95		%
Selenium	77-2	21.01	19.31	18.24	19.52	7.17	ppb
Selenium	78-2	17.40	17.58	18.99	17.99	4.84	ppb
Selenium	82-1	19.25	19.73	19.46	19.48	1.24	ppb
Silicon	28-1	22.40	22.43	22.46	22.43	0.13	ppb
Silver	109-1	17.95	17.90	17.50	17.78	1.39	ppb
Silver	107-1	17.79	17.70	17.55	17.68	0.69	ppb
Sodium	23-2	97735.60	99387.90	96735.28	97952.93	1.37	ppb
Strontium	86-1	32.95	32.72	32.78	32.82	0.36	ppb
Strontium	88-1	32.64	32.31	32.06	32.34	0.90	ppb
Sulfur	34-1	88242.62	87728.05	87174.77	87715.15	0.61	ppb
Terbium	159-1				97		%
Terbium	159-2				95		%
Thallium	203-1	19.94	19.55	19.45	19.64	1.31	ppb
Thallium	205-1	19.84	19.71	19.51	19.69	0.84	ppb
Thorium	232-1	0.02	0.02	0.02	0.02	5.02	ppb
Tin	118-1	0.20	0.22	0.23	0.22	6.65	ppb
Titanium	47-1	1879.65	1873.32	1869.50	1874.16	0.27	ppb
Uranium	238-1	0.03	0.02	0.03	0.03	12.25	ppb
Vanadium	51-2	19.03	19.32	18.86	19.07	1.23	ppb
Yttrium	89-1				91		%
Yttrium	89-2				97		%

LB Number :	LB104299	Operator :	Jaswal
Lab Sample ID :	ICSAB01	Instrumnet Name :	P7
Client Sample ID :	ICSAB01	Dilution Factor :	1
Date & Time Acquired ::	2019-07-29 13:02:21	DataFile Name :	015ICSB.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zinc	66-2	25.70	25.96	24.33	25.33	3.47	ppb
Zirconium	90-1	0.03	0.02	0.03	0.03	11.27	ppb
Zirconium	91-1	0.05	0.02	0.03	0.03	49.79	ppb

LB Number :	LB104299	Operator :	Jaswal
Lab Sample ID :	CCV69	Instrumnet Name :	P7
Client Sample ID :	CCV69	Dilution Factor :	1
Date & Time Acquired ::	2019-07-29 13:14:46	DataFile Name :	017CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	48737.32	48259.29	48406.90	48467.83	0.51	ppb
Antimony	121-1	472.32	472.16	473.27	472.58	0.13	ppb
Arsenic	75-1	500.85	498.94	494.19	497.99	0.69	ppb
Barium	135-1	2416.85	2399.56	2414.06	2410.15	0.39	ppb
Barium	137-1	2415.30	2395.38	2397.27	2402.65	0.46	ppb
Beryllium	9-1	475.72	478.33	476.36	476.80	0.29	ppb
Bismuth	209-1				87		%
Bismuth	209-2				93		%
Boron	11-1	462.16	467.51	467.95	465.87	0.69	ppb
Boron	10-1	456.45	464.98	470.60	464.01	1.54	ppb
Cadmium	106-1	503.11	501.88	497.28	500.76	0.61	ppb
Cadmium	108-1	493.65	495.98	492.19	493.94	0.39	ppb
Cadmium	111-1	494.39	495.02	493.64	494.35	0.14	ppb
Calcium	43-1	228442.35	230175.79	230193.18	229603.77	0.44	ppb
Calcium	44-1	228828.83	229944.95	231026.51	229933.43	0.48	ppb
Chromium	52-2	475.51	475.37	474.59	475.16	0.10	ppb
Cobalt	59-2	463.19	460.97	463.36	462.51	0.29	ppb
Copper	63-2	936.18	932.72	933.98	934.29	0.19	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-2						cps
Erbium	164-1						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				97		%
Holmium	165-2				95		%
Indium	115-1				88		%
Indium	115-2				93		%
Iron	56-2	120972.57	120764.61	120806.00	120847.73	0.09	ppb
Iron	57-2	120849.38	120310.45	121283.58	120814.47	0.40	ppb
Krypton	83-1						cps
Lead	206-1	467.08	471.37	464.70	467.72	0.72	ppb
Lead	207-1	468.15	468.96	463.77	466.96	0.60	ppb
Lead	208-1	477.05	477.96	474.54	476.52	0.37	ppb
Lithium	6-1				95		%
Magnesium	24-2	244170.81	240612.82	242563.42	242449.02	0.73	ppb

LB Number :	LB104299	Operator :	Jaswal
Lab Sample ID :	CCV69	Instrumnet Name :	P7
Client Sample ID :	CCV69	Dilution Factor :	1
Date & Time Acquired ::	2019-07-29 13:14:46	DataFile Name :	017CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	940.81	938.87	943.25	940.98	0.23	ppb
Molybdenum	94-1	2382.34	2387.60	2390.30	2386.75	0.17	ppb
Molybdenum	95-1	2377.57	2363.50	2389.44	2376.84	0.55	ppb
Molybdenum	96-1	2388.16	2364.33	2404.59	2385.69	0.85	ppb
Molybdenum	97-1	2380.45	2373.79	2396.44	2383.56	0.49	ppb
Molybdenum	98-1	2380.51	2370.80	2383.42	2378.24	0.28	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	460.40	458.88	461.13	460.14	0.25	ppb
Phosphorus	31-2	9575.00	9599.90	9706.31	9627.07	0.72	ppb
Potassium	39-2	119750.23	119457.37	119288.21	119498.60	0.20	ppb
Rhodium	103-1				83		%
Rhodium	103-2				88		%
Scandium	45-1				92		%
Scandium	45-2				96		%
Selenium	77-2	491.56	475.02	460.02	475.53	3.32	ppb
Selenium	78-2	495.30	482.29	491.73	489.77	1.37	ppb
Selenium	82-1	474.21	471.36	474.83	473.47	0.39	ppb
Silicon	28-1	504.30	514.94	516.80	512.01	1.32	ppb
Silver	109-1	497.20	496.95	497.00	497.05	0.03	ppb
Silver	107-1	501.24	496.64	496.47	498.12	0.54	ppb
Sodium	23-2	240688.08	238008.50	239486.47	239394.35	0.56	ppb
Strontium	86-1	471.11	468.33	471.60	470.35	0.37	ppb
Strontium	88-1	475.59	477.41	476.26	476.42	0.19	ppb
Sulfur	34-1	9196.54	9361.99	9204.18	9254.24	1.01	ppb
Terbium	159-1				96		%
Terbium	159-2				94		%
Thallium	203-1	489.45	493.45	486.46	489.79	0.72	ppb
Thallium	205-1	485.12	488.55	485.42	486.37	0.39	ppb
Thorium	232-1	495.22	492.41	488.80	492.14	0.65	ppb
Tin	118-1	460.10	460.32	483.00	467.81	2.81	ppb
Titanium	47-1	2309.44	2314.02	2318.61	2314.02	0.20	ppb
Uranium	238-1	492.76	491.04	488.14	490.65	0.48	ppb
Vanadium	51-2	477.65	477.73	479.20	478.19	0.18	ppb
Yttrium	89-1				91		%
Yttrium	89-2				96		%

LB Number :	LB104299	Operator :	Jaswal
Lab Sample ID :	CCV69	Instrumnet Name :	P7
Client Sample ID :	CCV69	Dilution Factor :	1
Date & Time Acquired ::	2019-07-29 13:14:46	DataFile Name :	017CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zinc	66-2	993.52	994.66	1001.60	996.59	0.44	ppb
Zirconium	90-1	477.69	479.42	480.33	479.14	0.28	ppb
Zirconium	91-1	473.56	473.72	475.67	474.32	0.25	ppb

LB Number :	LB104299	Operator :	Jaswal
Lab Sample ID :	CCB69	Instrumnet Name :	P7
Client Sample ID :	CCB69	Dilution Factor :	1
Date & Time Acquired ::	2019-07-29 13:18:28	DataFile Name :	018CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	3.99	2.96	2.80	3.25	19.91	ppb
Antimony	121-1	0.52	0.55	0.58	0.55	5.64	ppb
Arsenic	75-1	0.11	0.04	0.13	0.09	47.25	ppb
Barium	135-1	0.41	0.35	0.27	0.34	19.51	ppb
Barium	137-1	0.40	0.34	0.32	0.35	12.00	ppb
Beryllium	9-1	0.11	0.14	0.11	0.12	12.94	ppb
Bismuth	209-1				95		%
Bismuth	209-2				106		%
Boron	11-1	22.11	22.02	20.05	21.39	5.44	ppb
Boron	10-1	22.27	20.00	19.91	20.73	6.46	ppb
Cadmium	106-1	-2.06	-2.07	-1.94	-2.02		ppb
Cadmium	108-1	0.01	0.17	0.13	0.11	79.36	ppb
Cadmium	111-1	-0.03	-0.05	-0.04	-0.04		ppb
Calcium	43-1	32.20	30.58	25.51	29.43	11.86	ppb
Calcium	44-1	32.98	30.32	26.12	29.81	11.61	ppb
Chromium	52-2	0.01	0.01	-0.03	0.00		ppb
Cobalt	59-2	0.03	0.02	0.02	0.03	18.64	ppb
Copper	63-2	0.12	0.09	0.07	0.10	26.11	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-2						cps
Erbium	164-1						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				95		%
Holmium	165-2				98		%
Indium	115-1				93		%
Indium	115-2				104		%
Iron	56-2	11.12	9.24	8.43	9.60	14.39	ppb
Iron	57-2	12.56	8.25	7.76	9.52	27.75	ppb
Krypton	83-1						cps
Lead	206-1	0.11	0.10	0.10	0.10	9.05	ppb
Lead	207-1	0.10	0.10	0.11	0.11	4.16	ppb
Lead	208-1	0.10	0.10	0.10	0.10	2.79	ppb
Lithium	6-1				95		%
Magnesium	24-2	19.18	16.03	13.41	16.21	17.81	ppb

LB Number :	LB104299	Operator :	Jaswal
Lab Sample ID :	CCB69	Instrumnet Name :	P7
Client Sample ID :	CCB69	Dilution Factor :	1
Date & Time Acquired ::	2019-07-29 13:18:28	DataFile Name :	018CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	0.08	0.06	0.04	0.06	32.42	ppb
Molybdenum	94-1	0.61	0.57	0.48	0.55	12.52	ppb
Molybdenum	95-1	0.62	0.64	0.57	0.61	5.77	ppb
Molybdenum	96-1	0.67	0.59	0.53	0.60	11.73	ppb
Molybdenum	97-1	0.64	0.63	0.58	0.62	5.61	ppb
Molybdenum	98-1	0.63	0.59	0.55	0.59	6.42	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.03	0.04	0.02	0.03	28.14	ppb
Phosphorus	31-2	-8.67	-25.23	-23.40	-19.10		ppb
Potassium	39-2	15.81	9.47	12.32	12.53	25.34	ppb
Rhodium	103-1				92		%
Rhodium	103-2				103		%
Scandium	45-1				92		%
Scandium	45-2				101		%
Selenium	77-2	0.00	0.30	0.00	0.10	173.21	ppb
Selenium	78-2	0.20	0.54	0.02	0.25	104.06	ppb
Selenium	82-1	0.07	-0.04	-0.09	-0.02		ppb
Silicon	28-1	2.49	2.32	2.01	2.27	10.72	ppb
Silver	109-1	0.10	0.08	0.06	0.08	29.89	ppb
Silver	107-1	0.09	0.07	0.06	0.07	20.80	ppb
Sodium	23-2	52.40	46.04	45.18	47.88	8.24	ppb
Strontium	86-1	0.10	0.07	0.07	0.08	21.63	ppb
Strontium	88-1	0.07	0.07	0.06	0.07	8.56	ppb
Sulfur	34-1	-669.44	-644.25	-645.75	-653.15		ppb
Terbium	159-1				95		%
Terbium	159-2				97		%
Thallium	203-1	0.22	0.19	0.16	0.19	15.45	ppb
Thallium	205-1	0.19	0.17	0.16	0.17	7.12	ppb
Thorium	232-1	0.12	0.12	0.12	0.12	1.71	ppb
Tin	118-1	0.19	0.23	0.22	0.21	7.58	ppb
Titanium	47-1	0.35	0.39	0.30	0.35	14.05	ppb
Uranium	238-1	0.08	0.07	0.06	0.07	12.57	ppb
Vanadium	51-2	0.04	0.03	0.02	0.03	22.75	ppb
Yttrium	89-1				93		%
Yttrium	89-2				102		%

LB Number :	LB104299	Operator :	Jaswal
Lab Sample ID :	CCB69	Instrumnet Name :	P7
Client Sample ID :	CCB69	Dilution Factor :	1
Date & Time Acquired ::	2019-07-29 13:18:28	DataFile Name :	018CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zinc	66-2	-0.06	-0.09	-0.05	-0.07		ppb
Zirconium	90-1	0.09	0.10	0.09	0.09	4.41	ppb
Zirconium	91-1	0.07	0.10	0.07	0.08	19.25	ppb

LB Number :	LB104299	Operator :	Jaswal
Lab Sample ID :	K3723-01DLX2	Instrumnet Name :	P7
Client Sample ID :	MH0AC8	Dilution Factor :	2
Date & Time Acquired ::	2019-07-29 13:22:04	DataFile Name :	019SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	11413.43	11434.90	11274.63	11374.32	0.76	ppb
Antimony	121-1	2.08	1.99	2.12	2.06	3.04	ppb
Arsenic	75-1	9.53	9.85	9.72	9.70	1.68	ppb
Barium	135-1	8.78	9.20	9.03	9.01	2.34	ppb
Barium	137-1	9.11	9.30	9.08	9.17	1.32	ppb
Beryllium	9-1	4.12	4.24	4.07	4.14	2.05	ppb
Bismuth	209-1				104		%
Bismuth	209-2				109		%
Boron	11-1	13.27	13.28	12.88	13.14	1.74	ppb
Boron	10-1	12.74	13.73	12.46	12.98	5.13	ppb
Cadmium	106-1	65.77	66.39	64.85	65.67	1.17	ppb
Cadmium	108-1	66.97	66.21	68.46	67.21	1.70	ppb
Cadmium	111-1	72.85	73.75	73.31	73.30	0.62	ppb
Calcium	43-1	40768.18	40782.48	40774.93	40775.20	0.02	ppb
Calcium	44-1	42317.97	42201.06	42042.01	42187.01	0.33	ppb
Chromium	52-2	0.62	0.65	0.58	0.61	5.79	ppb
Cobalt	59-2	41.04	40.46	40.47	40.66	0.82	ppb
Copper	63-2	500.69	502.65	497.52	500.28	0.52	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-2						cps
Erbium	164-1						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				108		%
Holmium	165-2				104		%
Indium	115-1				101		%
Indium	115-2				105		%
Iron	56-2	261.17	260.93	257.70	259.93	0.75	ppb
Iron	57-2	381.78	380.16	361.58	374.51	3.00	ppb
Krypton	83-1						cps
Lead	206-1	2.30	2.23	2.23	2.25	1.85	ppb
Lead	207-1	2.24	2.23	2.18	2.21	1.46	ppb
Lead	208-1	2.27	2.24	2.22	2.24	1.18	ppb
Lithium	6-1				102		%
Magnesium	24-2	16875.37	16719.22	16541.65	16712.08	1.00	ppb

LB Number :	LB104299	Operator :	Jaswal
Lab Sample ID :	K3723-01DLX2	Instrumnet Name :	P7
Client Sample ID :	MH0AC8	Dilution Factor :	2
Date & Time Acquired ::	2019-07-29 13:22:04	DataFile Name :	019SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	20369.48	20450.63	20031.29	20283.80	1.10	ppb
Molybdenum	94-1	0.20	0.21	0.20	0.20	2.21	ppb
Molybdenum	95-1	0.25	0.22	0.23	0.23	5.90	ppb
Molybdenum	96-1	0.07	0.05	0.07	0.06	16.13	ppb
Molybdenum	97-1	0.05	0.07	0.04	0.06	25.78	ppb
Molybdenum	98-1	0.06	0.06	0.07	0.06	7.95	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	28.09	28.45	28.16	28.23	0.69	ppb
Phosphorus	31-2	-21.17	-23.90	-26.74	-23.94		ppb
Potassium	39-2	2192.87	2198.25	2145.86	2178.99	1.32	ppb
Rhodium	103-1				98		%
Rhodium	103-2				103		%
Scandium	45-1				99		%
Scandium	45-2				103		%
Selenium	77-2	55.22	69.49	65.69	63.47	11.64	ppb
Selenium	78-2	11.02	11.29	10.25	10.85	4.98	ppb
Selenium	82-1	1.31	1.42	1.39	1.37	4.08	ppb
Silicon	28-1	3616.42	3601.85	3624.08	3614.11	0.31	ppb
Silver	109-1	0.10	0.09	0.10	0.10	7.43	ppb
Silver	107-1	0.10	0.10	0.11	0.10	4.86	ppb
Sodium	23-2	3761.44	3757.90	3723.45	3747.60	0.56	ppb
Strontium	86-1	69.88	70.18	69.57	69.88	0.44	ppb
Strontium	88-1	67.99	67.99	67.99	67.99	0.00	ppb
Sulfur	34-1	93063.27	92795.30	93260.26	93039.61	0.25	ppb
Terbium	159-1				108		%
Terbium	159-2				104		%
Thallium	203-1	0.21	0.19	0.19	0.20	4.78	ppb
Thallium	205-1	0.21	0.18	0.17	0.19	9.25	ppb
Thorium	232-1	6.76	6.68	6.62	6.68	1.03	ppb
Tin	118-1	0.10	0.11	0.09	0.10	12.18	ppb
Titanium	47-1	0.25	0.31	0.30	0.29	11.04	ppb
Uranium	238-1	24.20	23.79	23.98	23.99	0.85	ppb
Vanadium	51-2	0.04	0.03	0.04	0.04	7.47	ppb
Yttrium	89-1				167		%
Yttrium	89-2				172		%

LB Number :	LB104299	Operator :	Jaswal
Lab Sample ID :	K3723-01DLX2	Instrumnet Name :	P7
Client Sample ID :	MH0AC8	Dilution Factor :	2
Date & Time Acquired ::	2019-07-29 13:22:04	DataFile Name :	019SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zinc	66-2	10328.73	10351.51	10240.47	10306.91	0.57	ppb
Zirconium	90-1	0.10	0.11	0.10	0.10	1.85	ppb
Zirconium	91-1	0.09	0.12	0.11	0.11	15.54	ppb

LB Number :	LB104299	Operator :	Jaswal
Lab Sample ID :	K3723-02DLX2	Instrumnet Name :	P7
Client Sample ID :	MH0AC8D	Dilution Factor :	2
Date & Time Acquired ::	2019-07-29 13:25:40	DataFile Name :	020SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	11395.82	11387.16	11424.30	11402.43	0.17	ppb
Antimony	121-1	2.06	2.10	2.07	2.08	0.91	ppb
Arsenic	75-1	9.57	10.02	10.13	9.91	3.02	ppb
Barium	135-1	9.32	8.96	9.20	9.16	2.02	ppb
Barium	137-1	8.97	9.12	9.05	9.05	0.83	ppb
Beryllium	9-1	4.11	4.11	4.19	4.13	1.06	ppb
Bismuth	209-1				104		%
Bismuth	209-2				108		%
Boron	11-1	9.77	10.45	10.04	10.09	3.39	ppb
Boron	10-1	9.85	9.27	10.61	9.91	6.78	ppb
Cadmium	106-1	67.08	69.01	67.60	67.90	1.47	ppb
Cadmium	108-1	66.87	67.43	66.69	67.00	0.57	ppb
Cadmium	111-1	74.31	74.82	73.93	74.36	0.60	ppb
Calcium	43-1	40942.94	40590.59	40715.85	40749.80	0.44	ppb
Calcium	44-1	42172.32	42208.37	42143.84	42174.84	0.08	ppb
Chromium	52-2	0.64	0.60	0.56	0.60	6.69	ppb
Cobalt	59-2	40.58	41.09	40.91	40.86	0.63	ppb
Copper	63-2	500.52	502.08	502.58	501.72	0.21	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-2						cps
Erbium	164-1						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				109		%
Holmium	165-2				104		%
Indium	115-1				102		%
Indium	115-2				105		%
Iron	56-2	258.16	259.90	258.20	258.75	0.38	ppb
Iron	57-2	381.86	389.89	375.47	382.40	1.89	ppb
Krypton	83-1						cps
Lead	206-1	2.20	2.22	2.31	2.24	2.68	ppb
Lead	207-1	2.16	2.20	2.21	2.19	1.34	ppb
Lead	208-1	2.22	2.21	2.25	2.23	0.86	ppb
Lithium	6-1				102		%
Magnesium	24-2	16718.23	16782.25	16794.31	16764.93	0.24	ppb

LB Number :	LB104299	Operator :	Jaswal
Lab Sample ID :	K3723-02DLX2	Instrumnet Name :	P7
Client Sample ID :	MH0AC8D	Dilution Factor :	2
Date & Time Acquired ::	2019-07-29 13:25:40	DataFile Name :	020SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	20419.48	20326.03	20461.07	20402.20	0.34	ppb
Molybdenum	94-1	0.18	0.20	0.17	0.18	8.87	ppb
Molybdenum	95-1	0.20	0.20	0.21	0.20	2.36	ppb
Molybdenum	96-1	0.04	0.04	0.04	0.04	9.21	ppb
Molybdenum	97-1	0.04	0.02	0.02	0.03	27.03	ppb
Molybdenum	98-1	0.03	0.04	0.03	0.03	18.61	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	28.25	28.22	27.82	28.10	0.85	ppb
Phosphorus	31-2	-22.67	-27.98	-14.81	-21.82		ppb
Potassium	39-2	2191.34	2202.37	2208.24	2200.65	0.39	ppb
Rhodium	103-1				98		%
Rhodium	103-2				103		%
Scandium	45-1				101		%
Scandium	45-2				103		%
Selenium	77-2	64.65	62.02	65.92	64.20	3.10	ppb
Selenium	78-2	10.85	10.77	10.93	10.85	0.71	ppb
Selenium	82-1	1.51	1.32	1.59	1.48	9.41	ppb
Silicon	28-1	3617.31	3611.71	3600.30	3609.77	0.24	ppb
Silver	109-1	0.14	0.14	0.15	0.14	4.46	ppb
Silver	107-1	0.13	0.15	0.16	0.15	8.66	ppb
Sodium	23-2	3758.25	3789.74	3771.39	3773.13	0.42	ppb
Strontium	86-1	68.94	69.69	69.57	69.40	0.58	ppb
Strontium	88-1	67.75	68.15	67.88	67.92	0.30	ppb
Sulfur	34-1	93439.81	93511.47	92788.49	93246.59	0.43	ppb
Terbium	159-1				108		%
Terbium	159-2				104		%
Thallium	203-1	0.11	0.10	0.11	0.11	4.76	ppb
Thallium	205-1	0.10	0.09	0.08	0.09	7.59	ppb
Thorium	232-1	6.66	6.64	6.62	6.64	0.29	ppb
Tin	118-1	0.09	0.11	0.13	0.11	19.96	ppb
Titanium	47-1	0.28	0.29	0.29	0.29	2.24	ppb
Uranium	238-1	24.07	23.66	23.76	23.83	0.89	ppb
Vanadium	51-2	0.03	0.03	0.03	0.03	4.49	ppb
Yttrium	89-1				169		%
Yttrium	89-2				173		%

LB Number :	LB104299	Operator :	Jaswal
Lab Sample ID :	K3723-02DLX2	Instrumnet Name :	P7
Client Sample ID :	MH0AC8D	Dilution Factor :	2
Date & Time Acquired ::	2019-07-29 13:25:40	DataFile Name :	020SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zinc	66-2	10343.90	10392.90	10359.33	10365.38	0.24	ppb
Zirconium	90-1	0.10	0.10	0.09	0.10	7.59	ppb
Zirconium	91-1	0.10	0.11	0.11	0.10	5.42	ppb

LB Number :	LB104299	Operator :	Jaswal
Lab Sample ID :	K3723-03DLX2	Instrumnet Name :	P7
Client Sample ID :	MH0AC8S	Dilution Factor :	2
Date & Time Acquired ::	2019-07-29 13:29:16	DataFile Name :	021SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	12144.92	12086.00	12127.22	12119.38	0.25	ppb
Antimony	121-1	51.64	50.34	50.51	50.83	1.39	ppb
Arsenic	75-1	22.42	22.45	22.39	22.42	0.13	ppb
Barium	135-1	956.37	945.51	941.97	947.95	0.79	ppb
Barium	137-1	989.86	977.89	982.97	983.57	0.61	ppb
Beryllium	9-1	28.67	29.16	29.03	28.95	0.88	ppb
Bismuth	209-1				106		%
Bismuth	209-2				110		%
Boron	11-1	7.80	7.70	7.40	7.64	2.74	ppb
Boron	10-1	8.24	8.19	7.89	8.11	2.37	ppb
Cadmium	106-1	87.23	88.14	88.91	88.09	0.95	ppb
Cadmium	108-1	89.63	90.01	90.31	89.98	0.38	ppb
Cadmium	111-1	98.48	97.10	99.01	98.20	1.00	ppb
Calcium	43-1	40895.23	40669.07	40491.54	40685.28	0.50	ppb
Calcium	44-1	41988.52	42020.79	41988.67	41999.33	0.04	ppb
Chromium	52-2	99.59	98.10	99.80	99.16	0.93	ppb
Cobalt	59-2	291.15	290.13	290.73	290.67	0.18	ppb
Copper	63-2	622.44	615.25	617.92	618.54	0.59	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-2						cps
Erbium	164-1						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				111		%
Holmium	165-2				105		%
Indium	115-1				104		%
Indium	115-2				107		%
Iron	56-2	749.37	739.32	742.05	743.58	0.70	ppb
Iron	57-2	868.50	865.86	889.20	874.52	1.46	ppb
Krypton	83-1						cps
Lead	206-1	11.41	11.22	11.26	11.30	0.91	ppb
Lead	207-1	11.57	11.74	11.66	11.66	0.74	ppb
Lead	208-1	11.47	11.51	11.42	11.46	0.40	ppb
Lithium	6-1				105		%
Magnesium	24-2	16689.61	16540.48	16581.32	16603.80	0.46	ppb

LB Number :	LB104299	Operator :	Jaswal
Lab Sample ID :	K3723-03DLX2	Instrumnet Name :	P7
Client Sample ID :	MH0AC8S	Dilution Factor :	2
Date & Time Acquired ::	2019-07-29 13:29:16	DataFile Name :	021SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	20571.03	20428.60	20423.05	20474.23	0.41	ppb
Molybdenum	94-1	0.19	0.16	0.16	0.17	8.81	ppb
Molybdenum	95-1	0.20	0.20	0.22	0.21	5.54	ppb
Molybdenum	96-1	0.04	0.04	0.04	0.04	6.95	ppb
Molybdenum	97-1	0.01	0.02	0.02	0.02	25.77	ppb
Molybdenum	98-1	0.03	0.02	0.03	0.03	26.94	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	281.78	279.67	283.00	281.49	0.60	ppb
Phosphorus	31-2	-11.53	-20.72	-14.04	-15.43		ppb
Potassium	39-2	2182.08	2167.25	2199.08	2182.80	0.73	ppb
Rhodium	103-1				101		%
Rhodium	103-2				106		%
Scandium	45-1				104		%
Scandium	45-2				107		%
Selenium	77-2	108.96	110.04	112.99	110.66	1.89	ppb
Selenium	78-2	52.25	51.35	51.42	51.68	0.97	ppb
Selenium	82-1	40.32	40.20	41.03	40.52	1.10	ppb
Silicon	28-1	3608.02	3586.86	3583.29	3592.73	0.37	ppb
Silver	109-1	24.24	23.76	23.78	23.93	1.13	ppb
Silver	107-1	23.82	23.78	24.07	23.89	0.67	ppb
Sodium	23-2	3766.39	3753.18	3742.41	3753.99	0.32	ppb
Strontium	86-1	69.21	69.35	69.71	69.43	0.37	ppb
Strontium	88-1	67.83	67.66	67.93	67.81	0.20	ppb
Sulfur	34-1	93304.80	93631.97	93567.69	93501.49	0.19	ppb
Terbium	159-1				111		%
Terbium	159-2				105		%
Thallium	203-1	23.43	23.06	23.11	23.20	0.86	ppb
Thallium	205-1	23.34	23.05	23.29	23.23	0.68	ppb
Thorium	232-1	6.65	6.60	6.58	6.61	0.51	ppb
Tin	118-1	0.12	0.12	0.16	0.13	18.66	ppb
Titanium	47-1	0.26	0.33	0.29	0.30	12.12	ppb
Uranium	238-1	23.74	23.62	23.57	23.64	0.38	ppb
Vanadium	51-2	245.33	243.58	243.68	244.20	0.40	ppb
Yttrium	89-1				172		%
Yttrium	89-2				176		%

LB Number :	LB104299	Operator :	Jaswal
Lab Sample ID :	K3723-03DLX2	Instrumnet Name :	P7
Client Sample ID :	MH0AC8S	Dilution Factor :	2
Date & Time Acquired ::	2019-07-29 13:29:16	DataFile Name :	021SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zinc	66-2	10550.73	10411.46	10556.05	10506.08	0.78	ppb
Zirconium	90-1	0.10	0.10	0.11	0.10	7.64	ppb
Zirconium	91-1	0.13	0.10	0.11	0.11	13.19	ppb

LB Number :	LB104299	Operator :	Jaswal
Lab Sample ID :	K3723-01LDLX10	Instrumnet Name :	P7
Client Sample ID :	MH0AC8L	Dilution Factor :	10
Date & Time Acquired ::	2019-07-29 13:32:53	DataFile Name :	022SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	2211.40	2242.48	2244.94	2232.94	0.84	ppb
Antimony	121-1	0.43	0.46	0.47	0.45	4.41	ppb
Arsenic	75-1	3.45	3.08	3.01	3.18	7.44	ppb
Barium	135-1	2.02	1.89	1.98	1.96	3.38	ppb
Barium	137-1	2.04	1.93	1.94	1.97	3.31	ppb
Beryllium	9-1	0.80	0.77	0.83	0.80	3.45	ppb
Bismuth	209-1				104		%
Bismuth	209-2				109		%
Boron	11-1	3.93	3.83	3.95	3.91	1.66	ppb
Boron	10-1	4.68	4.10	3.44	4.07	15.31	ppb
Cadmium	106-1	11.33	11.94	12.75	12.01	5.94	ppb
Cadmium	108-1	13.34	13.85	13.34	13.51	2.19	ppb
Cadmium	111-1	14.72	14.75	14.86	14.78	0.52	ppb
Calcium	43-1	8071.31	7959.02	8170.34	8066.89	1.31	ppb
Calcium	44-1	8297.90	8310.29	8275.23	8294.48	0.21	ppb
Chromium	52-2	0.15	0.16	0.15	0.15	4.85	ppb
Cobalt	59-2	8.17	8.12	8.22	8.17	0.65	ppb
Copper	63-2	100.85	100.08	101.72	100.88	0.81	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-2						cps
Erbium	164-1						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				106		%
Holmium	165-2				102		%
Indium	115-1				104		%
Indium	115-2				108		%
Iron	56-2	51.29	51.34	51.71	51.45	0.45	ppb
Iron	57-2	75.56	74.09	80.04	76.56	4.05	ppb
Krypton	83-1						cps
Lead	206-1	0.53	0.49	0.52	0.52	3.64	ppb
Lead	207-1	0.50	0.51	0.52	0.51	2.85	ppb
Lead	208-1	0.51	0.51	0.51	0.51	0.48	ppb
Lithium	6-1				105		%
Magnesium	24-2	3163.14	3187.38	3209.96	3186.83	0.73	ppb

LB Number :	LB104299	Operator :	Jaswal
Lab Sample ID :	K3723-01LDLX10	Instrumnet Name :	P7
Client Sample ID :	MH0AC8L	Dilution Factor :	10
Date & Time Acquired ::	2019-07-29 13:32:53	DataFile Name :	022SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	3994.31	3964.91	4008.81	3989.34	0.56	ppb
Molybdenum	94-1	0.07	0.07	0.08	0.07	7.85	ppb
Molybdenum	95-1	0.09	0.10	0.08	0.09	8.03	ppb
Molybdenum	96-1	0.02	0.03	0.02	0.03	33.09	ppb
Molybdenum	97-1	0.02	0.00	0.04	0.02	88.33	ppb
Molybdenum	98-1	0.02	0.02	0.03	0.03	18.60	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	5.56	5.89	5.78	5.74	2.91	ppb
Phosphorus	31-2	-23.20	-18.15	-23.25	-21.53		ppb
Potassium	39-2	434.93	440.18	442.66	439.26	0.90	ppb
Rhodium	103-1				102		%
Rhodium	103-2				107		%
Scandium	45-1				105		%
Scandium	45-2				107		%
Selenium	77-2	17.69	19.12	19.44	18.75	4.97	ppb
Selenium	78-2	3.17	3.84	3.45	3.48	9.74	ppb
Selenium	82-1	0.32	0.46	0.34	0.37	20.76	ppb
Silicon	28-1	707.63	709.31	711.22	709.39	0.25	ppb
Silver	109-1	0.08	0.08	0.08	0.08	2.31	ppb
Silver	107-1	0.09	0.08	0.07	0.08	11.75	ppb
Sodium	23-2	758.36	757.06	771.64	762.36	1.06	ppb
Strontium	86-1	20.38	20.11	20.19	20.23	0.66	ppb
Strontium	88-1	19.71	19.72	19.74	19.72	0.09	ppb
Sulfur	34-1	19519.16	19306.89	19370.60	19398.88	0.56	ppb
Terbium	159-1				106		%
Terbium	159-2				102		%
Thallium	203-1	0.02	0.03	0.02	0.02	24.13	ppb
Thallium	205-1	0.03	0.02	0.03	0.02	9.56	ppb
Thorium	232-1	1.26	1.26	1.25	1.26	0.84	ppb
Tin	118-1	0.08	0.10	0.07	0.08	15.03	ppb
Titanium	47-1	0.04	0.06	0.10	0.07	41.38	ppb
Uranium	238-1	4.53	4.51	4.49	4.51	0.49	ppb
Vanadium	51-2	0.03	0.02	0.02	0.02	5.77	ppb
Yttrium	89-1				117		%
Yttrium	89-2				121		%

LB Number :	LB104299	Operator :	Jaswal
Lab Sample ID :	K3723-01LDLX10	Instrumnet Name :	P7
Client Sample ID :	MH0AC8L	Dilution Factor :	10
Date & Time Acquired ::	2019-07-29 13:32:53	DataFile Name :	022SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zinc	66-2	1958.98	1935.15	1947.47	1947.20	0.61	ppb
Zirconium	90-1	0.04	0.04	0.03	0.04	14.21	ppb
Zirconium	91-1	0.04	0.02	0.02	0.03	43.93	ppb

LB Number :	LB104299	Operator :	Jaswal
Lab Sample ID :	CCV70	Instrumnet Name :	P7
Client Sample ID :	CCV70	Dilution Factor :	1
Date & Time Acquired ::	2019-07-29 13:44:09	DataFile Name :	023CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	49677.58	49915.39	49281.28	49624.75	0.65	ppb
Antimony	121-1	484.86	480.03	482.17	482.35	0.50	ppb
Arsenic	75-1	501.48	499.38	495.53	498.80	0.61	ppb
Barium	135-1	2452.12	2425.14	2433.77	2437.01	0.57	ppb
Barium	137-1	2451.36	2407.87	2425.91	2428.38	0.90	ppb
Beryllium	9-1	481.10	480.49	482.63	481.41	0.23	ppb
Bismuth	209-1				91		%
Bismuth	209-2				95		%
Boron	11-1	462.28	469.20	475.77	469.08	1.44	ppb
Boron	10-1	455.98	458.26	471.50	461.91	1.82	ppb
Cadmium	106-1	534.43	540.55	534.34	536.44	0.66	ppb
Cadmium	108-1	544.22	530.21	530.61	535.01	1.49	ppb
Cadmium	111-1	540.35	535.84	535.38	537.19	0.51	ppb
Calcium	43-1	232535.66	230370.04	231971.40	231625.70	0.49	ppb
Calcium	44-1	232433.41	231058.43	232146.78	231879.54	0.31	ppb
Chromium	52-2	484.46	484.35	482.14	483.65	0.27	ppb
Cobalt	59-2	469.25	468.34	469.10	468.90	0.10	ppb
Copper	63-2	944.62	942.73	941.95	943.10	0.15	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-2						cps
Erbium	164-1						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				101		%
Holmium	165-2				98		%
Indium	115-1				92		%
Indium	115-2				95		%
Iron	56-2	123053.18	123139.38	122534.43	122909.00	0.27	ppb
Iron	57-2	123221.90	123793.78	123417.63	123477.77	0.24	ppb
Krypton	83-1						cps
Lead	206-1	469.79	471.45	471.04	470.76	0.18	ppb
Lead	207-1	473.82	472.23	474.61	473.55	0.26	ppb
Lead	208-1	483.25	482.02	483.40	482.89	0.16	ppb
Lithium	6-1				99		%
Magnesium	24-2	246957.05	248230.71	245391.81	246859.86	0.58	ppb

LB Number :	LB104299	Operator :	Jaswal
Lab Sample ID :	CCV70	Instrumnet Name :	P7
Client Sample ID :	CCV70	Dilution Factor :	1
Date & Time Acquired ::	2019-07-29 13:44:09	DataFile Name :	023CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	956.40	954.98	946.71	952.70	0.55	ppb
Molybdenum	94-1	2407.56	2380.11	2420.11	2402.59	0.85	ppb
Molybdenum	95-1	2395.26	2389.60	2417.72	2400.86	0.62	ppb
Molybdenum	96-1	2403.15	2394.15	2411.19	2402.83	0.35	ppb
Molybdenum	97-1	2416.50	2407.18	2410.16	2411.28	0.20	ppb
Molybdenum	98-1	2417.24	2399.42	2409.14	2408.60	0.37	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	483.98	485.33	486.60	485.30	0.27	ppb
Phosphorus	31-2	9698.73	9499.94	9636.53	9611.73	1.06	ppb
Potassium	39-2	121834.78	122207.69	120312.65	121451.70	0.83	ppb
Rhodium	103-1				88		%
Rhodium	103-2				91		%
Scandium	45-1				97		%
Scandium	45-2				99		%
Selenium	77-2	555.74	532.05	529.05	538.95	2.71	ppb
Selenium	78-2	516.85	525.24	516.49	519.53	0.95	ppb
Selenium	82-1	505.90	501.57	505.58	504.35	0.48	ppb
Silicon	28-1	497.19	496.11	501.38	498.23	0.56	ppb
Silver	109-1	507.81	502.52	499.34	503.22	0.85	ppb
Silver	107-1	504.01	503.79	505.40	504.40	0.17	ppb
Sodium	23-2	245823.78	244828.73	244792.74	245148.41	0.24	ppb
Strontium	86-1	472.65	475.97	475.21	474.61	0.37	ppb
Strontium	88-1	480.76	481.03	483.21	481.67	0.28	ppb
Sulfur	34-1	9578.90	9360.16	9175.90	9371.65	2.15	ppb
Terbium	159-1				101		%
Terbium	159-2				97		%
Thallium	203-1	490.88	493.36	496.25	493.49	0.55	ppb
Thallium	205-1	493.08	493.97	494.90	493.98	0.19	ppb
Thorium	232-1	496.60	499.93	499.66	498.73	0.37	ppb
Tin	118-1	490.99	489.52	486.88	489.13	0.43	ppb
Titanium	47-1	2334.35	2312.41	2306.25	2317.67	0.64	ppb
Uranium	238-1	496.19	496.81	494.52	495.84	0.24	ppb
Vanadium	51-2	486.36	485.38	481.81	484.52	0.49	ppb
Yttrium	89-1				96		%
Yttrium	89-2				99		%

LB Number :	LB104299	Operator :	Jaswal
Lab Sample ID :	CCV70	Instrumnet Name :	P7
Client Sample ID :	CCV70	Dilution Factor :	1
Date & Time Acquired ::	2019-07-29 13:44:09	DataFile Name :	023CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zinc	66-2	943.44	942.81	941.81	942.69	0.09	ppb
Zirconium	90-1	485.59	483.19	484.88	484.55	0.25	ppb
Zirconium	91-1	473.35	470.62	474.50	472.82	0.42	ppb

LB Number : LB104299 Operator : Jaswal
 Lab Sample ID : CCB70 Instrumnet Name : P7
 Client Sample ID : CCB70 Dilution Factor : 1
 Date & Time Acquired :: 2019-07-29 13:49:07 DataFile Name : 024CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	0.39	0.13	0.58	0.37	61.62	ppb
Antimony	121-1	0.23	0.26	0.25	0.25	6.98	ppb
Arsenic	75-1	0.00	0.02	0.10	0.04	145.83	ppb
Barium	135-1	0.06	0.03	0.02	0.04	49.40	ppb
Barium	137-1	0.05	0.04	0.03	0.04	18.11	ppb
Beryllium	9-1	0.04	0.03	0.02	0.03	23.83	ppb
Bismuth	209-1				104		%
Bismuth	209-2				111		%
Boron	11-1	13.32	12.07	12.51	12.63	5.01	ppb
Boron	10-1	12.86	12.62	11.78	12.42	4.59	ppb
Cadmium	106-1	-2.45	-2.76	-2.68	-2.63		ppb
Cadmium	108-1	0.01	0.07	0.02	0.03	93.79	ppb
Cadmium	111-1	-0.14	-0.17	-0.16	-0.16		ppb
Calcium	43-1	3.76	3.76	1.85	3.12	35.35	ppb
Calcium	44-1	1.52	1.20	1.00	1.24	21.13	ppb
Chromium	52-2	0.02	0.00	0.03	0.02	87.62	ppb
Cobalt	59-2	0.01	0.00	0.00	0.00	157.22	ppb
Copper	63-2	0.02	0.04	0.05	0.04	42.90	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-2						cps
Erbium	164-1						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				105		%
Holmium	165-2				103		%
Indium	115-1				104		%
Indium	115-2				109		%
Iron	56-2	1.48	1.43	1.57	1.50	4.66	ppb
Iron	57-2	1.62	1.17	1.59	1.46	17.10	ppb
Krypton	83-1						cps
Lead	206-1	0.03	0.04	0.04	0.04	15.26	ppb
Lead	207-1	0.04	0.02	0.03	0.03	34.93	ppb
Lead	208-1	0.04	0.03	0.04	0.03	10.69	ppb
Lithium	6-1				106		%
Magnesium	24-2	2.83	2.16	2.13	2.37	16.72	ppb

LB Number :	LB104299	Operator :	Jaswal
Lab Sample ID :	CCB70	Instrumnet Name :	P7
Client Sample ID :	CCB70	Dilution Factor :	1
Date & Time Acquired ::	2019-07-29 13:49:07	DataFile Name :	024CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	0.01	0.03	0.03	0.03	47.59	ppb
Molybdenum	94-1	0.20	0.17	0.15	0.18	14.44	ppb
Molybdenum	95-1	0.19	0.16	0.17	0.17	10.59	ppb
Molybdenum	96-1	0.17	0.18	0.16	0.17	7.92	ppb
Molybdenum	97-1	0.18	0.21	0.14	0.18	20.63	ppb
Molybdenum	98-1	0.18	0.18	0.17	0.18	3.11	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.01	0.00	0.00	0.00	196.51	ppb
Phosphorus	31-2	-22.11	-19.71	-29.79	-23.87		ppb
Potassium	39-2	5.42	6.72	4.68	5.61	18.41	ppb
Rhodium	103-1				103		%
Rhodium	103-2				108		%
Scandium	45-1				105		%
Scandium	45-2				109		%
Selenium	77-2	0.00	0.00	0.00	0.00	N/A	ppb
Selenium	78-2	0.89	0.08	0.17	0.38	117.90	ppb
Selenium	82-1	0.19	-0.01	-0.13	0.02	931.65	ppb
Silicon	28-1	-1.40	-0.84	-1.29	-1.17		ppb
Silver	109-1	0.02	0.02	0.03	0.02	17.86	ppb
Silver	107-1	0.02	0.03	0.02	0.03	11.90	ppb
Sodium	23-2	28.01	28.01	27.25	27.76	1.57	ppb
Strontium	86-1	0.03	0.04	0.04	0.04	20.65	ppb
Strontium	88-1	0.01	0.01	0.01	0.01	19.98	ppb
Sulfur	34-1	-903.47	-840.27	-771.86	-838.53		ppb
Terbium	159-1				105		%
Terbium	159-2				102		%
Thallium	203-1	0.07	0.07	0.06	0.06	11.27	ppb
Thallium	205-1	0.06	0.07	0.06	0.06	9.43	ppb
Thorium	232-1	0.05	0.05	0.05	0.05	4.54	ppb
Tin	118-1	0.07	0.07	0.09	0.08	11.66	ppb
Titanium	47-1	0.07	0.03	0.01	0.04	80.57	ppb
Uranium	238-1	0.01	0.01	0.01	0.01	22.64	ppb
Vanadium	51-2	0.00	0.01	0.00	0.00	71.17	ppb
Yttrium	89-1				104		%
Yttrium	89-2				108		%

LB Number :	LB104299	Operator :	Jaswal
Lab Sample ID :	CCB70	Instrumnet Name :	P7
Client Sample ID :	CCB70	Dilution Factor :	1
Date & Time Acquired ::	2019-07-29 13:49:07	DataFile Name :	024CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zinc	66-2	-0.07	-0.05	-0.08	-0.07		ppb
Zirconium	90-1	0.03	0.03	0.02	0.03	19.95	ppb
Zirconium	91-1	0.03	0.04	0.03	0.03	13.12	ppb

LB Number : LB104299 Operator : Jaswal
 Lab Sample ID : CRIRE Instrumnet Name : P7
 Client Sample ID : CRIRE Dilution Factor : 1
 Date & Time Acquired :: 2019-07-29 14:51:08 DataFile Name : 025LLCC.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	18.47	18.74	18.49	18.57	0.81	ppb
Antimony	121-1	1.95	1.89	1.85	1.89	2.81	ppb
Arsenic	75-1	0.97	0.94	1.00	0.97	3.13	ppb
Barium	135-1	10.05	9.79	9.52	9.78	2.72	ppb
Barium	137-1	9.70	9.64	9.76	9.70	0.60	ppb
Beryllium	9-1	0.99	0.97	0.96	0.97	1.75	ppb
Bismuth	209-1				102		%
Bismuth	209-2				113		%
Boron	11-1	20.23	21.01	21.24	20.83	2.52	ppb
Boron	10-1	20.70	20.15	20.42	20.42	1.35	ppb
Cadmium	106-1	-1.20	-1.80	-1.61	-1.54		ppb
Cadmium	108-1	1.10	0.94	0.86	0.97	12.82	ppb
Cadmium	111-1	0.86	0.73	0.82	0.80	8.41	ppb
Calcium	43-1	441.30	451.23	446.71	446.41	1.11	ppb
Calcium	44-1	452.49	442.97	446.46	447.31	1.08	ppb
Chromium	52-2	1.91	1.90	1.86	1.89	1.55	ppb
Cobalt	59-2	0.99	1.02	0.95	0.99	3.94	ppb
Copper	63-2	1.80	1.79	1.81	1.80	0.55	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-2						cps
Erbium	164-1						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				106		%
Holmium	165-2				104		%
Indium	115-1				110		%
Indium	115-2				115		%
Iron	56-2	49.87	50.32	50.19	50.13	0.46	ppb
Iron	57-2	54.09	53.81	56.26	54.72	2.46	ppb
Krypton	83-1						cps
Lead	206-1	0.85	0.86	0.85	0.85	0.97	ppb
Lead	207-1	0.85	0.86	0.88	0.86	1.49	ppb
Lead	208-1	0.86	0.86	0.85	0.86	0.37	ppb
Lithium	6-1				130		%
Magnesium	24-2	502.02	506.94	501.38	503.44	0.61	ppb

LB Number :	LB104299	Operator :	Jaswal
Lab Sample ID :	CRIRE	Instrumnet Name :	P7
Client Sample ID :	CRIRE	Dilution Factor :	1
Date & Time Acquired ::	2019-07-29 14:51:08	DataFile Name :	025LLCC.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	1.08	1.04	1.02	1.05	2.98	ppb
Molybdenum	94-1	4.31	4.54	4.28	4.38	3.24	ppb
Molybdenum	95-1	4.43	4.37	4.37	4.39	0.91	ppb
Molybdenum	96-1	4.41	4.25	4.50	4.39	2.84	ppb
Molybdenum	97-1	4.51	4.42	4.25	4.39	2.99	ppb
Molybdenum	98-1	4.28	4.30	4.33	4.30	0.54	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	1.02	0.95	1.14	1.04	9.25	ppb
Phosphorus	31-2	28.90	42.83	23.79	31.84	30.96	ppb
Potassium	39-2	479.38	481.99	479.45	480.27	0.31	ppb
Rhodium	103-1				112		%
Rhodium	103-2				118		%
Scandium	45-1				121		%
Scandium	45-2				123		%
Selenium	77-2	5.81	6.12	6.11	6.01	2.87	ppb
Selenium	78-2	5.49	5.97	5.35	5.60	5.80	ppb
Selenium	82-1	5.15	5.28	5.12	5.18	1.61	ppb
Silicon	28-1	8.98	9.13	9.25	9.12	1.49	ppb
Silver	109-1	1.09	1.04	1.02	1.05	3.36	ppb
Silver	107-1	1.04	1.07	1.03	1.05	1.77	ppb
Sodium	23-2	483.54	479.54	470.70	477.92	1.37	ppb
Strontium	86-1	0.92	0.97	0.89	0.92	4.58	ppb
Strontium	88-1	0.91	0.90	0.88	0.90	1.19	ppb
Sulfur	34-1	-131.62	-134.10	-139.09	-134.94		ppb
Terbium	159-1				106		%
Terbium	159-2				105		%
Thallium	203-1	0.87	0.93	0.87	0.89	3.61	ppb
Thallium	205-1	0.86	0.86	0.88	0.86	1.41	ppb
Thorium	232-1	0.76	0.76	0.75	0.76	1.06	ppb
Tin	118-1	5.10	5.09	5.13	5.10	0.39	ppb
Titanium	47-1	4.77	4.61	4.78	4.72	2.04	ppb
Uranium	238-1	0.81	0.80	0.80	0.80	0.58	ppb
Vanadium	51-2	5.03	4.90	5.02	4.99	1.48	ppb
Yttrium	89-1				113		%
Yttrium	89-2				117		%

LB Number :	LB104299	Operator :	Jaswal
Lab Sample ID :	CRIRE	Instrumnet Name :	P7
Client Sample ID :	CRIRE	Dilution Factor :	1
Date & Time Acquired ::	2019-07-29 14:51:08	DataFile Name :	025LLCC.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zinc	66-2	1.63	1.91	1.64	1.72	9.40	ppb
Zirconium	90-1	0.83	0.87	0.85	0.85	2.19	ppb
Zirconium	91-1	0.86	0.87	0.87	0.87	0.49	ppb

LB Number : LB104299 Operator : Jaswal
 Lab Sample ID : PB121732BLRE Instrumnet Name : P7
 Client Sample ID : PB121732BLRE Dilution Factor : 1
 Date & Time Acquired :: 2019-07-29 14:54:45 DataFile Name : 026CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	0.35	-0.06	0.00	0.10	223.07	ppb
Antimony	121-1	0.01	0.01	0.01	0.01	33.38	ppb
Arsenic	75-1	0.02	0.13	-0.01	0.05	165.99	ppb
Barium	135-1	0.01	0.01	0.01	0.01	43.13	ppb
Barium	137-1	0.00	0.00	0.01	0.00	63.89	ppb
Beryllium	9-1	0.02	0.02	0.01	0.02	41.88	ppb
Bismuth	209-1				101		%
Bismuth	209-2				109		%
Boron	11-1	0.42	0.27	0.57	0.42	35.78	ppb
Boron	10-1	0.21	0.41	0.14	0.25	55.37	ppb
Cadmium	106-1	-0.70	-1.82	-2.16	-1.56		ppb
Cadmium	108-1	0.04	0.05	-0.01	0.03	112.03	ppb
Cadmium	111-1	-0.05	-0.14	-0.16	-0.12		ppb
Calcium	43-1	-0.21	-0.09	1.31	0.34	251.09	ppb
Calcium	44-1	-0.91	-0.52	-0.87	-0.77		ppb
Chromium	52-2	0.00	0.02	0.00	0.00	234.23	ppb
Cobalt	59-2	0.00	0.00	0.00	0.00	882.93	ppb
Copper	63-2	-0.06	-0.04	-0.04	-0.05		ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-2						cps
Erbium	164-1						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				105		%
Holmium	165-2				103		%
Indium	115-1				108		%
Indium	115-2				115		%
Iron	56-2	0.21	0.24	0.18	0.21	15.59	ppb
Iron	57-2	1.16	0.45	0.31	0.64	71.62	ppb
Krypton	83-1						cps
Lead	206-1	0.00	0.00	-0.01	0.00		ppb
Lead	207-1	-0.02	-0.01	0.00	-0.01		ppb
Lead	208-1	-0.01	0.00	0.00	0.00		ppb
Lithium	6-1				128		%
Magnesium	24-2	0.04	-0.02	0.16	0.06	151.38	ppb

LB Number : LB104299 Operator : Jaswal
 Lab Sample ID : PB121732BLRE Instrumnet Name : P7
 Client Sample ID : PB121732BLRE Dilution Factor : 1
 Date & Time Acquired :: 2019-07-29 14:54:45 DataFile Name : 026CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	0.01	0.00	0.00	0.00	104.55	ppb
Molybdenum	94-1	0.02	0.01	0.01	0.01	81.87	ppb
Molybdenum	95-1	0.01	0.00	0.01	0.00	129.87	ppb
Molybdenum	96-1	-0.01	0.00	-0.01	-0.01		ppb
Molybdenum	97-1	0.01	0.00	0.00	0.00	303.63	ppb
Molybdenum	98-1	0.01	0.01	0.01	0.01	21.88	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	-0.01	0.00	0.01	0.00		ppb
Phosphorus	31-2	-21.59	-28.50	-19.61	-23.23		ppb
Potassium	39-2	2.42	2.69	4.62	3.24	37.00	ppb
Rhodium	103-1				111		%
Rhodium	103-2				118		%
Scandium	45-1				119		%
Scandium	45-2				122		%
Selenium	77-2	0.00	0.00	0.00	0.00	N/A	ppb
Selenium	78-2	0.50	0.17	0.25	0.31	56.90	ppb
Selenium	82-1	0.05	-0.22	0.26	0.03	793.60	ppb
Silicon	28-1	-0.12	0.30	0.25	0.15	157.78	ppb
Silver	109-1	0.00	0.00	0.00	0.00	45.10	ppb
Silver	107-1	0.00	0.00	0.00	0.00	12.43	ppb
Sodium	23-2	-4.97	-3.75	-4.11	-4.28		ppb
Strontium	86-1	0.02	0.02	0.02	0.02	22.16	ppb
Strontium	88-1	0.00	0.01	0.01	0.01	25.76	ppb
Sulfur	34-1	-286.77	-67.14	-153.54	-169.15		ppb
Terbium	159-1				105		%
Terbium	159-2				104		%
Thallium	203-1	0.01	0.01	0.01	0.01	17.78	ppb
Thallium	205-1	0.00	0.00	0.00	0.00	48.41	ppb
Thorium	232-1	0.00	0.01	0.00	0.00	20.01	ppb
Tin	118-1	0.00	0.00	0.00	0.00	173.36	ppb
Titanium	47-1	0.00	0.01	0.02	0.01	59.38	ppb
Uranium	238-1	0.00	0.00	0.00	0.00	66.49	ppb
Vanadium	51-2	0.00	0.00	0.00	0.00		ppb
Yttrium	89-1				111		%
Yttrium	89-2				116		%

LB Number :	LB104299	Operator :	Jaswal
Lab Sample ID :	PB121732BLRE	Instrumnet Name :	P7
Client Sample ID :	PB121732BLRE	Dilution Factor :	1
Date & Time Acquired ::	2019-07-29 14:54:45	DataFile Name :	026CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zinc	66-2	0.04	-0.04	-0.09	-0.03		ppb
Zirconium	90-1	0.01	0.01	0.01	0.01	31.33	ppb
Zirconium	91-1	0.01	0.00	0.01	0.01	163.29	ppb

LB Number : LB104299 Operator : Jaswal
 Lab Sample ID : PB121732BS Instrumnet Name : P7
 Client Sample ID : PB121732BS Dilution Factor : 1
 Date & Time Acquired :: 2019-07-29 14:58:22 DataFile Name : 027DLCW.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	9553.58	9499.36	9770.93	9607.96	1.50	ppb
Antimony	121-1	506.79	497.60	501.69	502.03	0.92	ppb
Arsenic	75-1	495.54	500.13	494.63	496.76	0.59	ppb
Barium	135-1	2505.56	2481.57	2477.57	2488.23	0.61	ppb
Barium	137-1	2491.46	2459.60	2484.70	2478.59	0.68	ppb
Beryllium	9-1	489.12	491.51	492.86	491.16	0.38	ppb
Bismuth	209-1				97		%
Bismuth	209-2				101		%
Boron	11-1	457.80	469.23	477.25	468.10	2.09	ppb
Boron	10-1	454.06	461.11	469.83	461.67	1.71	ppb
Cadmium	106-1	500.02	491.12	491.16	494.10	1.04	ppb
Cadmium	108-1	494.65	483.18	491.92	489.92	1.22	ppb
Cadmium	111-1	490.81	484.01	484.74	486.52	0.77	ppb
Calcium	43-1	47110.80	47243.03	47100.26	47151.36	0.17	ppb
Calcium	44-1	48725.19	48617.99	48397.53	48580.23	0.34	ppb
Chromium	52-2	488.41	485.10	489.87	487.79	0.50	ppb
Cobalt	59-2	484.72	480.10	488.38	484.40	0.86	ppb
Copper	63-2	917.56	911.34	922.01	916.97	0.58	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-2						cps
Erbium	164-1						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				101		%
Holmium	165-2				97		%
Indium	115-1				95		%
Indium	115-2				97		%
Iron	56-2	25281.27	25021.91	25210.65	25171.28	0.53	ppb
Iron	57-2	24453.42	24442.16	24737.90	24544.49	0.68	ppb
Krypton	83-1						cps
Lead	206-1	456.70	454.64	456.72	456.02	0.26	ppb
Lead	207-1	458.30	458.14	457.03	457.82	0.15	ppb
Lead	208-1	469.92	466.44	470.07	468.81	0.44	ppb
Lithium	6-1				104		%
Magnesium	24-2	51908.09	51792.48	52104.52	51935.03	0.30	ppb

LB Number :	LB104299	Operator :	Jaswal
Lab Sample ID :	PB121732BS	Instrumnet Name :	P7
Client Sample ID :	PB121732BS	Dilution Factor :	1
Date & Time Acquired ::	2019-07-29 14:58:22	DataFile Name :	027DLCW.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	977.23	972.52	980.32	976.69	0.40	ppb
Molybdenum	94-1	2403.22	2418.06	2426.59	2415.95	0.49	ppb
Molybdenum	95-1	2396.01	2424.23	2419.11	2413.11	0.62	ppb
Molybdenum	96-1	2380.83	2422.70	2399.38	2400.97	0.87	ppb
Molybdenum	97-1	2390.67	2409.53	2403.45	2401.22	0.40	ppb
Molybdenum	98-1	2394.28	2420.63	2402.62	2405.84	0.56	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	493.88	486.96	491.86	490.90	0.72	ppb
Phosphorus	31-2	10231.81	10114.87	10312.69	10219.79	0.97	ppb
Potassium	39-2	24776.91	24576.27	25167.19	24840.12	1.21	ppb
Rhodium	103-1				93		%
Rhodium	103-2				95		%
Scandium	45-1				99		%
Scandium	45-2				100		%
Selenium	77-2	536.31	525.16	526.78	529.42	1.14	ppb
Selenium	78-2	516.11	516.25	517.28	516.54	0.12	ppb
Selenium	82-1	494.31	499.80	494.63	496.24	0.62	ppb
Silicon	28-1	534.30	536.02	533.25	534.53	0.26	ppb
Silver	109-1	507.10	500.01	502.50	503.20	0.71	ppb
Silver	107-1	510.47	503.37	505.36	506.40	0.72	ppb
Sodium	23-2	51358.87	51204.64	51571.52	51378.35	0.36	ppb
Strontium	86-1	476.15	475.19	474.26	475.20	0.20	ppb
Strontium	88-1	482.33	485.25	486.88	484.82	0.47	ppb
Sulfur	34-1	10216.05	9944.56	9808.56	9989.72	2.08	ppb
Terbium	159-1				101		%
Terbium	159-2				97		%
Thallium	203-1	482.35	479.16	478.89	480.13	0.40	ppb
Thallium	205-1	477.59	477.05	478.44	477.69	0.15	ppb
Thorium	232-1	462.63	468.81	467.61	466.35	0.70	ppb
Tin	118-1	515.53	501.39	509.03	508.65	1.39	ppb
Titanium	47-1	2362.77	2349.85	2355.90	2356.18	0.27	ppb
Uranium	238-1	457.63	464.88	466.14	462.88	0.99	ppb
Vanadium	51-2	490.31	484.45	491.20	488.65	0.75	ppb
Yttrium	89-1				98		%
Yttrium	89-2				99		%

LB Number :	LB104299	Operator :	Jaswal
Lab Sample ID :	PB121732BS	Instrumnet Name :	P7
Client Sample ID :	PB121732BS	Dilution Factor :	1
Date & Time Acquired ::	2019-07-29 14:58:22	DataFile Name :	027DLCW.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zinc	66-2	869.12	865.01	870.03	868.05	0.31	ppb
Zirconium	90-1	483.74	484.51	483.36	483.87	0.12	ppb
Zirconium	91-1	474.33	471.33	472.60	472.76	0.32	ppb

LB Number :	LB104299	Operator :	Jaswal
Lab Sample ID :	K3985-01	Instrumnet Name :	P7
Client Sample ID :	390717087.2	Dilution Factor :	1
Date & Time Acquired ::	2019-07-29 15:01:58	DataFile Name :	028SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	31.78	29.59	32.28	31.22	4.59	ppb
Antimony	121-1	0.51	0.52	0.54	0.52	2.79	ppb
Arsenic	75-1	0.32	0.17	0.27	0.25	30.93	ppb
Barium	135-1	17.19	17.26	17.25	17.24	0.22	ppb
Barium	137-1	17.55	17.41	17.39	17.45	0.51	ppb
Beryllium	9-1	0.08	0.07	0.07	0.07	10.55	ppb
Bismuth	209-1				98		%
Bismuth	209-2				104		%
Boron	11-1	61.71	62.17	60.86	61.58	1.08	ppb
Boron	10-1	60.82	61.02	57.18	59.67	3.62	ppb
Cadmium	106-1	-3.07	-2.87	-2.84	-2.92		ppb
Cadmium	108-1	0.20	0.13	0.12	0.15	28.81	ppb
Cadmium	111-1	-0.17	-0.13	-0.15	-0.15		ppb
Calcium	43-1	22057.91	21900.47	21638.70	21865.69	0.97	ppb
Calcium	44-1	22740.92	22738.52	22425.65	22635.03	0.80	ppb
Chromium	52-2	0.23	0.25	0.24	0.24	3.48	ppb
Cobalt	59-2	0.63	0.64	0.58	0.61	5.54	ppb
Copper	63-2	70.72	70.93	71.00	70.88	0.21	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-2						cps
Erbium	164-1						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				102		%
Holmium	165-2				100		%
Indium	115-1				97		%
Indium	115-2				103		%
Iron	56-2	12.52	12.09	11.77	12.13	3.08	ppb
Iron	57-2	77.17	81.97	78.61	79.25	3.11	ppb
Krypton	83-1						cps
Lead	206-1	4.50	4.50	4.40	4.47	1.26	ppb
Lead	207-1	4.35	4.36	4.35	4.35	0.16	ppb
Lead	208-1	4.39	4.41	4.32	4.37	1.03	ppb
Lithium	6-1				101		%
Magnesium	24-2	7456.66	7399.91	7426.97	7427.84	0.38	ppb

LB Number :	LB104299	Operator :	Jaswal
Lab Sample ID :	K3985-01	Instrumnet Name :	P7
Client Sample ID :	390717087.2	Dilution Factor :	1
Date & Time Acquired ::	2019-07-29 15:01:58	DataFile Name :	028SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	22.44	22.54	22.54	22.51	0.26	ppb
Molybdenum	94-1	0.62	0.65	0.55	0.61	8.48	ppb
Molybdenum	95-1	0.55	0.48	0.48	0.50	8.83	ppb
Molybdenum	96-1	0.61	0.52	0.49	0.54	11.13	ppb
Molybdenum	97-1	0.56	0.49	0.48	0.51	8.35	ppb
Molybdenum	98-1	0.54	0.52	0.51	0.52	3.44	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	4.65	4.72	4.73	4.70	0.89	ppb
Phosphorus	31-2	781.95	748.57	726.01	752.18	3.74	ppb
Potassium	39-2	2046.07	2027.31	2033.63	2035.67	0.47	ppb
Rhodium	103-1				95		%
Rhodium	103-2				101		%
Scandium	45-1				98		%
Scandium	45-2				104		%
Selenium	77-2	0.00	0.00	0.00	0.00	N/A	ppb
Selenium	78-2	0.49	0.02	0.20	0.23	101.03	ppb
Selenium	82-1	0.18	0.36	0.42	0.32	39.86	ppb
Silicon	28-1	3393.35	3394.65	3344.11	3377.37	0.85	ppb
Silver	109-1	0.06	0.03	0.03	0.04	38.75	ppb
Silver	107-1	0.06	0.05	0.04	0.05	22.18	ppb
Sodium	23-2	63114.86	62953.63	63078.41	63048.97	0.13	ppb
Strontium	86-1	88.52	88.03	86.59	87.71	1.14	ppb
Strontium	88-1	87.61	86.85	85.43	86.63	1.28	ppb
Sulfur	34-1	14096.48	13962.18	13607.47	13888.71	1.82	ppb
Terbium	159-1				101		%
Terbium	159-2				100		%
Thallium	203-1	0.14	0.11	0.10	0.12	20.12	ppb
Thallium	205-1	0.12	0.10	0.09	0.10	14.61	ppb
Thorium	232-1	0.13	0.12	0.11	0.12	11.62	ppb
Tin	118-1	0.28	0.28	0.29	0.29	1.52	ppb
Titanium	47-1	0.82	1.01	0.78	0.87	14.10	ppb
Uranium	238-1	0.05	0.05	0.05	0.05	7.39	ppb
Vanadium	51-2	0.13	0.14	0.13	0.13	6.74	ppb
Yttrium	89-1				98		%
Yttrium	89-2				103		%

LB Number :	LB104299	Operator :	Jaswal
Lab Sample ID :	K3985-01	Instrumnet Name :	P7
Client Sample ID :	390717087.2	Dilution Factor :	1
Date & Time Acquired ::	2019-07-29 15:01:58	DataFile Name :	028SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zinc	66-2	44.09	44.46	44.98	44.51	1.01	ppb
Zirconium	90-1	0.20	0.19	0.18	0.19	3.60	ppb
Zirconium	91-1	0.22	0.14	0.16	0.17	22.81	ppb

LB Number :	LB104299	Operator :	Jaswal
Lab Sample ID :	K3985-01DUP	Instrumnet Name :	P7
Client Sample ID :	390717087.2DUP	Dilution Factor :	1
Date & Time Acquired ::	2019-07-29 15:05:36	DataFile Name :	029SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	29.34	30.40	28.16	29.30	3.83	ppb
Antimony	121-1	0.22	0.21	0.21	0.21	2.86	ppb
Arsenic	75-1	0.17	0.12	0.22	0.17	27.64	ppb
Barium	135-1	17.37	17.43	17.43	17.41	0.20	ppb
Barium	137-1	17.33	17.06	17.11	17.17	0.83	ppb
Beryllium	9-1	0.02	0.04	0.01	0.02	45.85	ppb
Bismuth	209-1				100		%
Bismuth	209-2				106		%
Boron	11-1	53.21	52.67	52.49	52.79	0.72	ppb
Boron	10-1	49.47	50.78	52.64	50.96	3.13	ppb
Cadmium	106-1	-1.57	-3.27	-3.70	-2.85		ppb
Cadmium	108-1	0.15	0.22	0.13	0.16	28.97	ppb
Cadmium	111-1	-0.09	-0.22	-0.25	-0.19		ppb
Calcium	43-1	21915.41	21958.08	21922.94	21932.14	0.10	ppb
Calcium	44-1	22589.54	22696.22	22721.24	22669.00	0.31	ppb
Chromium	52-2	0.22	0.26	0.27	0.25	9.89	ppb
Cobalt	59-2	0.61	0.62	0.63	0.62	1.96	ppb
Copper	63-2	71.96	72.05	71.45	71.82	0.45	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-2						cps
Erbium	164-1						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				103		%
Holmium	165-2				102		%
Indium	115-1				99		%
Indium	115-2				105		%
Iron	56-2	11.15	10.99	10.75	10.96	1.83	ppb
Iron	57-2	72.18	77.02	78.52	75.91	4.37	ppb
Krypton	83-1						cps
Lead	206-1	4.49	4.50	4.40	4.46	1.20	ppb
Lead	207-1	4.31	4.35	4.35	4.33	0.54	ppb
Lead	208-1	4.41	4.39	4.32	4.37	1.05	ppb
Lithium	6-1				103		%
Magnesium	24-2	7467.89	7459.44	7368.39	7431.91	0.74	ppb

LB Number :	LB104299	Operator :	Jaswal
Lab Sample ID :	K3985-01DUP	Instrumnet Name :	P7
Client Sample ID :	390717087.2DUP	Dilution Factor :	1
Date & Time Acquired ::	2019-07-29 15:05:36	DataFile Name :	029SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	22.60	22.60	22.35	22.52	0.66	ppb
Molybdenum	94-1	0.36	0.33	0.32	0.33	6.05	ppb
Molybdenum	95-1	0.15	0.18	0.17	0.17	8.19	ppb
Molybdenum	96-1	0.19	0.20	0.20	0.20	2.56	ppb
Molybdenum	97-1	0.14	0.18	0.18	0.17	13.60	ppb
Molybdenum	98-1	0.17	0.16	0.17	0.17	5.10	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	4.72	4.73	4.70	4.72	0.34	ppb
Phosphorus	31-2	768.92	738.41	743.56	750.30	2.18	ppb
Potassium	39-2	2030.56	2048.69	2028.61	2035.95	0.54	ppb
Rhodium	103-1				97		%
Rhodium	103-2				103		%
Scandium	45-1				101		%
Scandium	45-2				106		%
Selenium	77-2	0.30	0.00	0.00	0.10	173.21	ppb
Selenium	78-2	-0.24	0.12	0.37	0.08	381.81	ppb
Selenium	82-1	0.19	0.37	0.30	0.29	31.11	ppb
Silicon	28-1	3390.95	3402.03	3423.77	3405.59	0.49	ppb
Silver	109-1	0.01	0.00	0.01	0.01	36.83	ppb
Silver	107-1	0.01	0.01	0.01	0.01	9.65	ppb
Sodium	23-2	63225.24	63301.81	62055.11	62860.72	1.11	ppb
Strontium	86-1	88.35	88.96	88.79	88.70	0.36	ppb
Strontium	88-1	86.51	86.96	86.77	86.75	0.26	ppb
Sulfur	34-1	13950.09	13996.13	13873.87	13940.03	0.44	ppb
Terbium	159-1				103		%
Terbium	159-2				102		%
Thallium	203-1	0.04	0.03	0.03	0.03	6.68	ppb
Thallium	205-1	0.03	0.03	0.03	0.03	4.63	ppb
Thorium	232-1	0.03	0.03	0.03	0.03	2.92	ppb
Tin	118-1	0.19	0.20	0.21	0.20	5.75	ppb
Titanium	47-1	0.60	0.73	0.60	0.64	11.36	ppb
Uranium	238-1	0.01	0.02	0.01	0.01	25.03	ppb
Vanadium	51-2	0.15	0.13	0.11	0.13	16.03	ppb
Yttrium	89-1				100		%
Yttrium	89-2				106		%

LB Number :	LB104299	Operator :	Jaswal
Lab Sample ID :	K3985-01DUP	Instrumnet Name :	P7
Client Sample ID :	390717087.2DUP	Dilution Factor :	1
Date & Time Acquired ::	2019-07-29 15:05:36	DataFile Name :	029SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zinc	66-2	43.98	45.11	43.89	44.33	1.53	ppb
Zirconium	90-1	0.15	0.15	0.14	0.15	4.92	ppb
Zirconium	91-1	0.14	0.16	0.12	0.14	16.23	ppb

LB Number :	LB104299	Operator :	Jaswal
Lab Sample ID :	K3985-01LX5	Instrumnet Name :	P7
Client Sample ID :	390717087.2L	Dilution Factor :	5
Date & Time Acquired ::	2019-07-29 15:09:12	DataFile Name :	030SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	5.69	6.65	4.63	5.66	17.86	ppb
Antimony	121-1	0.07	0.07	0.06	0.07	12.40	ppb
Arsenic	75-1	0.05	0.04	0.15	0.08	76.23	ppb
Barium	135-1	3.45	3.47	3.63	3.52	2.79	ppb
Barium	137-1	3.47	3.37	3.49	3.44	1.81	ppb
Beryllium	9-1	0.01	0.01	0.01	0.01	40.39	ppb
Bismuth	209-1				102		%
Bismuth	209-2				108		%
Boron	11-1	15.63	15.14	14.85	15.21	2.60	ppb
Boron	10-1	14.59	14.61	14.99	14.73	1.53	ppb
Cadmium	106-1	-3.22	-2.50	-2.28	-2.67		ppb
Cadmium	108-1	0.05	0.04	0.02	0.04	37.66	ppb
Cadmium	111-1	-0.23	-0.17	-0.16	-0.19		ppb
Calcium	43-1	4482.70	4381.91	4306.54	4390.39	2.01	ppb
Calcium	44-1	4403.35	4364.44	4366.29	4378.02	0.50	ppb
Chromium	52-2	0.07	0.04	0.07	0.06	34.33	ppb
Cobalt	59-2	0.12	0.11	0.13	0.12	5.97	ppb
Copper	63-2	14.55	14.69	14.74	14.66	0.67	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-2						cps
Erbium	164-1						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				104		%
Holmium	165-2				101		%
Indium	115-1				102		%
Indium	115-2				106		%
Iron	56-2	2.37	2.33	2.35	2.35	0.71	ppb
Iron	57-2	15.39	15.33	16.61	15.78	4.60	ppb
Krypton	83-1						cps
Lead	206-1	0.87	0.84	0.86	0.86	2.30	ppb
Lead	207-1	0.84	0.86	0.84	0.85	1.12	ppb
Lead	208-1	0.86	0.86	0.86	0.86	0.57	ppb
Lithium	6-1				105		%
Magnesium	24-2	1495.36	1495.36	1516.57	1502.43	0.81	ppb

LB Number :	LB104299	Operator :	Jaswal
Lab Sample ID :	K3985-01LX5	Instrumnet Name :	P7
Client Sample ID :	390717087.2L	Dilution Factor :	5
Date & Time Acquired ::	2019-07-29 15:09:12	DataFile Name :	030SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	4.53	4.42	4.57	4.51	1.75	ppb
Molybdenum	94-1	0.08	0.08	0.07	0.08	7.33	ppb
Molybdenum	95-1	0.06	0.05	0.05	0.05	10.01	ppb
Molybdenum	96-1	0.03	0.06	0.06	0.05	29.84	ppb
Molybdenum	97-1	0.03	0.05	0.05	0.04	24.21	ppb
Molybdenum	98-1	0.06	0.06	0.06	0.06	5.02	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.88	0.91	1.01	0.93	7.43	ppb
Phosphorus	31-2	132.63	145.22	120.27	132.71	9.40	ppb
Potassium	39-2	414.17	408.18	409.81	410.72	0.75	ppb
Rhodium	103-1				101		%
Rhodium	103-2				105		%
Scandium	45-1				103		%
Scandium	45-2				105		%
Selenium	77-2	0.00	0.00	0.00	0.00	N/A	ppb
Selenium	78-2	0.32	0.09	0.12	0.18	70.15	ppb
Selenium	82-1	0.01	0.14	0.21	0.12	82.12	ppb
Silicon	28-1	683.04	678.27	677.22	679.51	0.46	ppb
Silver	109-1	0.01	0.00	0.00	0.00	30.47	ppb
Silver	107-1	0.00	0.01	0.01	0.01	21.25	ppb
Sodium	23-2	12603.86	12597.58	12672.13	12624.52	0.33	ppb
Strontium	86-1	17.65	18.01	17.74	17.80	1.05	ppb
Strontium	88-1	17.41	17.44	17.31	17.39	0.38	ppb
Sulfur	34-1	1949.95	1884.01	1952.89	1928.95	2.02	ppb
Terbium	159-1				104		%
Terbium	159-2				101		%
Thallium	203-1	0.01	0.01	0.02	0.02	36.72	ppb
Thallium	205-1	0.01	0.01	0.01	0.01	23.57	ppb
Thorium	232-1	0.01	0.02	0.02	0.02	28.48	ppb
Tin	118-1	0.04	0.04	0.04	0.04	3.28	ppb
Titanium	47-1	0.13	0.15	0.11	0.13	13.09	ppb
Uranium	238-1	0.00	0.01	0.01	0.00	116.41	ppb
Vanadium	51-2	0.04	0.01	0.03	0.03	46.37	ppb
Yttrium	89-1				102		%
Yttrium	89-2				106		%

LB Number :	LB104299	Operator :	Jaswal
Lab Sample ID :	K3985-01LX5	Instrumnet Name :	P7
Client Sample ID :	390717087.2L	Dilution Factor :	5
Date & Time Acquired ::	2019-07-29 15:09:12	DataFile Name :	030SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zinc	66-2	9.23	9.39	9.20	9.27	1.11	ppb
Zirconium	90-1	0.03	0.02	0.03	0.03	19.17	ppb
Zirconium	91-1	0.04	0.02	0.02	0.03	34.56	ppb

LB Number : LB104299 Operator : Jaswal
 Lab Sample ID : K3985-01MS Instrumnet Name : P7
 Client Sample ID : 390717087.2MS Dilution Factor : 1
 Date & Time Acquired :: 2019-07-29 15:12:47 DataFile Name : 031SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	1830.65	1845.99	1826.79	1834.48	0.55	ppb
Antimony	121-1	808.11	800.13	804.09	804.11	0.50	ppb
Arsenic	75-1	748.08	736.71	747.34	744.04	0.85	ppb
Barium	135-1	213.31	208.04	210.00	210.45	1.27	ppb
Barium	137-1	213.09	206.23	207.98	209.10	1.70	ppb
Beryllium	9-1	186.22	187.60	186.38	186.73	0.40	ppb
Bismuth	209-1				97		%
Bismuth	209-2				103		%
Boron	11-1	309.59	315.07	321.10	315.25	1.83	ppb
Boron	10-1	308.87	311.02	318.77	312.88	1.66	ppb
Cadmium	106-1	157.63	158.49	157.43	157.85	0.36	ppb
Cadmium	108-1	174.74	171.16	170.81	172.24	1.26	ppb
Cadmium	111-1	192.41	190.15	190.62	191.06	0.63	ppb
Calcium	43-1	22750.32	22716.82	22958.47	22808.54	0.57	ppb
Calcium	44-1	23541.07	23555.73	23733.11	23609.97	0.45	ppb
Chromium	52-2	392.47	397.57	395.12	395.05	0.64	ppb
Cobalt	59-2	200.58	200.62	202.00	201.07	0.40	ppb
Copper	63-2	357.91	357.42	360.96	358.76	0.53	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-2						cps
Erbium	164-1						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				100		%
Holmium	165-2				98		%
Indium	115-1				95		%
Indium	115-2				99		%
Iron	56-2	3083.88	3085.63	3121.50	3097.00	0.69	ppb
Iron	57-2	3047.59	3063.83	3086.55	3065.99	0.64	ppb
Krypton	83-1						cps
Lead	206-1	982.01	975.53	977.46	978.33	0.34	ppb
Lead	207-1	976.12	976.12	975.22	975.82	0.05	ppb
Lead	208-1	973.20	971.02	971.96	972.06	0.11	ppb
Lithium	6-1				104		%
Magnesium	24-2	9335.89	9400.27	9410.32	9382.16	0.43	ppb

LB Number :	LB104299	Operator :	Jaswal
Lab Sample ID :	K3985-01MS	Instrumnet Name :	P7
Client Sample ID :	390717087.2MS	Dilution Factor :	1
Date & Time Acquired ::	2019-07-29 15:12:47	DataFile Name :	031SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	215.34	216.83	217.01	216.39	0.42	ppb
Molybdenum	94-1	247.58	246.51	246.67	246.92	0.23	ppb
Molybdenum	95-1	348.17	344.97	347.49	346.87	0.49	ppb
Molybdenum	96-1	333.88	332.01	334.77	333.56	0.42	ppb
Molybdenum	97-1	345.75	345.38	346.44	345.85	0.16	ppb
Molybdenum	98-1	348.30	346.66	349.39	348.11	0.39	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	509.85	507.64	514.33	510.61	0.67	ppb
Phosphorus	31-2	6673.31	6768.22	7018.78	6820.10	2.62	ppb
Potassium	39-2	11593.82	11620.08	11760.41	11658.10	0.77	ppb
Rhodium	103-1				94		%
Rhodium	103-2				99		%
Scandium	45-1				97		%
Scandium	45-2				101		%
Selenium	77-2	2069.03	2074.51	2050.59	2064.71	0.61	ppb
Selenium	78-2	2021.89	2027.73	2024.86	2024.82	0.14	ppb
Selenium	82-1	1950.87	1939.28	1946.75	1945.63	0.30	ppb
Silicon	28-1	4284.76	4264.49	4301.95	4283.73	0.44	ppb
Silver	109-1	70.08	68.17	69.19	69.15	1.38	ppb
Silver	107-1	69.40	68.54	68.71	68.89	0.66	ppb
Sodium	23-2	65557.05	65940.84	66373.54	65957.14	0.62	ppb
Strontium	86-1	279.54	278.55	278.47	278.85	0.21	ppb
Strontium	88-1	284.63	284.96	284.55	284.71	0.08	ppb
Sulfur	34-1	13910.91	13678.42	13824.19	13804.51	0.85	ppb
Terbium	159-1				101		%
Terbium	159-2				99		%
Thallium	203-1	1918.97	1930.23	1924.71	1924.64	0.29	ppb
Thallium	205-1	1913.13	1918.26	1917.06	1916.15	0.14	ppb
Thorium	232-1	0.05	0.05	0.06	0.05	11.81	ppb
Tin	118-1	718.83	710.44	715.35	714.87	0.59	ppb
Titanium	47-1	189.72	190.34	192.40	190.82	0.74	ppb
Uranium	238-1	0.02	0.02	0.03	0.02	21.43	ppb
Vanadium	51-2	293.80	296.59	297.70	296.03	0.68	ppb
Yttrium	89-1				97		%
Yttrium	89-2				101		%

LB Number :	LB104299	Operator :	Jaswal
Lab Sample ID :	K3985-01MS	Instrumnet Name :	P7
Client Sample ID :	390717087.2MS	Dilution Factor :	1
Date & Time Acquired ::	2019-07-29 15:12:47	DataFile Name :	031SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zinc	66-2	221.94	221.37	224.58	222.63	0.77	ppb
Zirconium	90-1	0.29	0.30	0.29	0.29	2.07	ppb
Zirconium	91-1	0.57	0.56	0.48	0.54	8.35	ppb

LB Number :	LB104299	Operator :	Jaswal
Lab Sample ID :	K3985-01MSD	Instrumnet Name :	P7
Client Sample ID :	390717087.2MSD	Dilution Factor :	1
Date & Time Acquired ::	2019-07-29 15:16:23	DataFile Name :	032SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	1882.08	1882.43	1835.18	1866.56	1.46	ppb
Antimony	121-1	814.52	821.37	803.59	813.16	1.10	ppb
Arsenic	75-1	757.69	749.73	743.35	750.26	0.96	ppb
Barium	135-1	212.50	212.71	209.73	211.65	0.78	ppb
Barium	137-1	212.84	212.70	211.23	212.26	0.42	ppb
Beryllium	9-1	186.93	188.04	186.48	187.15	0.43	ppb
Bismuth	209-1				98		%
Bismuth	209-2				104		%
Boron	11-1	324.91	328.67	331.92	328.50	1.07	ppb
Boron	10-1	319.69	330.30	326.31	325.44	1.65	ppb
Cadmium	106-1	160.01	161.36	156.57	159.31	1.55	ppb
Cadmium	108-1	173.42	177.28	172.01	174.23	1.57	ppb
Cadmium	111-1	192.94	193.72	190.61	192.43	0.84	ppb
Calcium	43-1	22930.27	22775.77	22991.99	22899.35	0.49	ppb
Calcium	44-1	23663.83	23880.53	23771.87	23772.08	0.46	ppb
Chromium	52-2	395.99	396.42	394.34	395.58	0.28	ppb
Cobalt	59-2	202.69	201.78	198.71	201.06	1.04	ppb
Copper	63-2	360.86	361.32	357.31	359.83	0.61	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-2						cps
Erbium	164-1						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				101		%
Holmium	165-2				99		%
Indium	115-1				95		%
Indium	115-2				100		%
Iron	56-2	3124.06	3096.54	3082.56	3101.05	0.68	ppb
Iron	57-2	3102.56	3093.54	3051.14	3082.41	0.89	ppb
Krypton	83-1						cps
Lead	206-1	986.61	977.52	978.19	980.77	0.52	ppb
Lead	207-1	989.80	980.88	976.17	982.28	0.70	ppb
Lead	208-1	983.73	981.56	973.90	979.73	0.53	ppb
Lithium	6-1				105		%
Magnesium	24-2	9466.17	9473.71	9313.64	9417.84	0.96	ppb

LB Number :	LB104299	Operator :	Jaswal
Lab Sample ID :	K3985-01MSD	Instrumnet Name :	P7
Client Sample ID :	390717087.2MSD	Dilution Factor :	1
Date & Time Acquired ::	2019-07-29 15:16:23	DataFile Name :	032SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	217.07	216.06	215.11	216.08	0.45	ppb
Molybdenum	94-1	248.22	249.60	247.66	248.49	0.40	ppb
Molybdenum	95-1	351.65	352.63	346.49	350.26	0.94	ppb
Molybdenum	96-1	338.57	338.44	334.18	337.06	0.74	ppb
Molybdenum	97-1	347.92	353.37	344.98	348.76	1.22	ppb
Molybdenum	98-1	351.59	353.76	348.18	351.18	0.80	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	513.03	512.38	507.23	510.88	0.62	ppb
Phosphorus	31-2	6857.39	6841.42	6810.90	6836.57	0.35	ppb
Potassium	39-2	11709.40	11737.09	11577.39	11674.63	0.73	ppb
Rhodium	103-1				94		%
Rhodium	103-2				100		%
Scandium	45-1				98		%
Scandium	45-2				102		%
Selenium	77-2	2041.87	2008.31	2018.10	2022.76	0.85	ppb
Selenium	78-2	2029.61	2008.78	1995.87	2011.42	0.85	ppb
Selenium	82-1	1956.18	1952.92	1931.03	1946.71	0.70	ppb
Silicon	28-1	4304.70	4332.95	4297.35	4311.67	0.44	ppb
Silver	109-1	67.62	67.81	67.12	67.52	0.53	ppb
Silver	107-1	67.49	67.71	66.94	67.38	0.60	ppb
Sodium	23-2	66071.92	66254.94	65469.43	65932.10	0.62	ppb
Strontium	86-1	279.35	281.61	278.21	279.73	0.62	ppb
Strontium	88-1	285.36	287.31	283.61	285.43	0.65	ppb
Sulfur	34-1	13771.49	13992.57	13682.30	13815.45	1.16	ppb
Terbium	159-1				101		%
Terbium	159-2				100		%
Thallium	203-1	1927.55	1939.90	1923.69	1930.38	0.44	ppb
Thallium	205-1	1905.56	1913.27	1921.25	1913.36	0.41	ppb
Thorium	232-1	0.03	0.03	0.03	0.03	7.45	ppb
Tin	118-1	722.74	728.12	709.58	720.15	1.32	ppb
Titanium	47-1	191.35	192.08	189.95	191.13	0.57	ppb
Uranium	238-1	0.02	0.02	0.02	0.02	9.08	ppb
Vanadium	51-2	297.27	294.48	293.56	295.11	0.65	ppb
Yttrium	89-1				97		%
Yttrium	89-2				102		%

LB Number :	LB104299	Operator :	Jaswal
Lab Sample ID :	K3985-01MSD	Instrumnet Name :	P7
Client Sample ID :	390717087.2MSD	Dilution Factor :	1
Date & Time Acquired ::	2019-07-29 15:16:23	DataFile Name :	032SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zinc	66-2	223.75	221.69	220.47	221.97	0.75	ppb
Zirconium	90-1	0.22	0.23	0.23	0.23	3.78	ppb
Zirconium	91-1	0.42	0.43	0.46	0.44	4.91	ppb

LB Number :	LB104299	Operator :	Jaswal
Lab Sample ID :	K3985-01A	Instrumnet Name :	P7
Client Sample ID :	390717087.2A	Dilution Factor :	1
Date & Time Acquired ::	2019-07-29 15:20:00	DataFile Name :	033SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	1789.36	1822.53	1817.81	1809.90	0.99	ppb
Antimony	121-1	803.29	794.83	797.77	798.63	0.54	ppb
Arsenic	75-1	741.71	733.64	728.25	734.53	0.92	ppb
Barium	135-1	210.30	207.27	204.98	207.52	1.29	ppb
Barium	137-1	209.57	207.95	208.34	208.62	0.40	ppb
Beryllium	9-1	186.76	185.56	185.36	185.89	0.41	ppb
Bismuth	209-1				100		%
Bismuth	209-2				106		%
Boron	11-1	325.56	328.42	331.49	328.49	0.90	ppb
Boron	10-1	322.90	324.95	327.23	325.03	0.67	ppb
Cadmium	106-1	153.10	156.28	158.79	156.05	1.83	ppb
Cadmium	108-1	170.85	166.68	168.95	168.82	1.24	ppb
Cadmium	111-1	190.81	189.03	189.53	189.79	0.48	ppb
Calcium	43-1	22874.15	22673.27	22223.69	22590.37	1.47	ppb
Calcium	44-1	23457.16	23379.85	23164.07	23333.69	0.65	ppb
Chromium	52-2	390.00	388.66	391.66	390.11	0.38	ppb
Cobalt	59-2	199.45	199.10	198.83	199.13	0.16	ppb
Copper	63-2	354.42	355.86	355.65	355.31	0.22	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-2						cps
Erbium	164-1						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				104		%
Holmium	165-2				101		%
Indium	115-1				98		%
Indium	115-2				102		%
Iron	56-2	3066.22	3063.45	3068.14	3065.94	0.08	ppb
Iron	57-2	3029.58	3033.74	3060.85	3041.39	0.56	ppb
Krypton	83-1						cps
Lead	206-1	966.60	960.62	965.87	964.36	0.34	ppb
Lead	207-1	965.37	964.07	963.69	964.38	0.09	ppb
Lead	208-1	963.73	960.63	956.88	960.41	0.36	ppb
Lithium	6-1				107		%
Magnesium	24-2	9259.83	9241.31	9231.05	9244.06	0.16	ppb

LB Number :	LB104299	Operator :	Jaswal
Lab Sample ID :	K3985-01A	Instrumnet Name :	P7
Client Sample ID :	390717087.2A	Dilution Factor :	1
Date & Time Acquired ::	2019-07-29 15:20:00	DataFile Name :	033SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	213.69	212.84	214.69	213.74	0.43	ppb
Molybdenum	94-1	245.23	241.69	243.17	243.37	0.73	ppb
Molybdenum	95-1	344.83	343.81	342.20	343.62	0.39	ppb
Molybdenum	96-1	332.06	329.58	329.53	330.39	0.44	ppb
Molybdenum	97-1	345.08	342.58	339.26	342.31	0.85	ppb
Molybdenum	98-1	347.86	340.26	341.10	343.07	1.21	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	504.99	507.94	505.03	505.98	0.33	ppb
Phosphorus	31-2	6655.71	6696.91	6807.65	6720.09	1.17	ppb
Potassium	39-2	11528.77	11560.66	11534.72	11541.38	0.15	ppb
Rhodium	103-1				96		%
Rhodium	103-2				102		%
Scandium	45-1				100		%
Scandium	45-2				103		%
Selenium	77-2	2011.00	1986.36	2027.53	2008.30	1.03	ppb
Selenium	78-2	1960.88	1996.97	1977.48	1978.44	0.91	ppb
Selenium	82-1	1931.94	1914.71	1910.87	1919.17	0.58	ppb
Silicon	28-1	4256.66	4246.30	4231.83	4244.93	0.29	ppb
Silver	109-1	67.19	66.68	66.58	66.82	0.49	ppb
Silver	107-1	66.54	66.99	66.26	66.60	0.56	ppb
Sodium	23-2	65268.75	65044.15	65048.53	65120.48	0.20	ppb
Strontium	86-1	275.15	276.17	273.13	274.82	0.56	ppb
Strontium	88-1	281.97	282.01	279.41	281.13	0.53	ppb
Sulfur	34-1	13695.40	13396.48	13500.34	13530.74	1.12	ppb
Terbium	159-1				103		%
Terbium	159-2				102		%
Thallium	203-1	1914.08	1906.02	1881.03	1900.37	0.91	ppb
Thallium	205-1	1894.21	1883.56	1885.00	1887.59	0.31	ppb
Thorium	232-1	0.02	0.02	0.02	0.02	2.03	ppb
Tin	118-1	713.54	707.30	703.20	708.01	0.74	ppb
Titanium	47-1	188.34	188.19	187.25	187.93	0.31	ppb
Uranium	238-1	0.01	0.02	0.01	0.01	2.35	ppb
Vanadium	51-2	292.85	291.04	294.15	292.68	0.53	ppb
Yttrium	89-1				100		%
Yttrium	89-2				104		%

LB Number :	LB104299	Operator :	Jaswal
Lab Sample ID :	K3985-01A	Instrumnet Name :	P7
Client Sample ID :	390717087.2A	Dilution Factor :	1
Date & Time Acquired ::	2019-07-29 15:20:00	DataFile Name :	033SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zinc	66-2	219.59	218.96	218.71	219.08	0.21	ppb
Zirconium	90-1	0.22	0.21	0.22	0.21	2.05	ppb
Zirconium	91-1	0.43	0.42	0.40	0.42	4.71	ppb

LB Number :	LB104299	Operator :	Jaswal
Lab Sample ID :	K3987-01	Instrumnet Name :	P7
Client Sample ID :	390722053.9	Dilution Factor :	1
Date & Time Acquired ::	2019-07-29 15:23:37	DataFile Name :	034SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	2.87	3.43	2.99	3.10	9.51	ppb
Antimony	121-1	0.52	0.52	0.52	0.52	0.79	ppb
Arsenic	75-1	0.62	0.95	0.90	0.82	21.12	ppb
Barium	135-1	380.05	377.64	389.25	382.31	1.60	ppb
Barium	137-1	381.52	380.03	389.01	383.52	1.26	ppb
Beryllium	9-1	0.03	0.04	0.04	0.04	14.66	ppb
Bismuth	209-1				100		%
Bismuth	209-2				107		%
Boron	11-1	73.23	71.71	72.55	72.50	1.05	ppb
Boron	10-1	69.34	69.91	68.86	69.37	0.76	ppb
Cadmium	106-1	-2.69	-3.22	-2.94	-2.95		ppb
Cadmium	108-1	0.08	0.04	0.09	0.07	38.28	ppb
Cadmium	111-1	-0.15	-0.21	-0.19	-0.18		ppb
Calcium	43-1	85272.01	85387.83	84869.51	85176.45	0.32	ppb
Calcium	44-1	89474.94	89155.13	89528.54	89386.20	0.23	ppb
Chromium	52-2	2.89	2.88	2.91	2.89	0.46	ppb
Cobalt	59-2	0.06	0.06	0.05	0.06	9.59	ppb
Copper	63-2	19.67	18.90	19.38	19.31	2.03	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-2						cps
Erbium	164-1						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				104		%
Holmium	165-2				104		%
Indium	115-1				100		%
Indium	115-2				108		%
Iron	56-2	1045.56	1011.09	1030.12	1028.92	1.68	ppb
Iron	57-2	1331.27	1288.53	1308.80	1309.53	1.63	ppb
Krypton	83-1						cps
Lead	206-1	10.53	10.58	10.45	10.52	0.63	ppb
Lead	207-1	9.99	9.85	9.97	9.94	0.78	ppb
Lead	208-1	10.19	10.14	10.19	10.17	0.30	ppb
Lithium	6-1				103		%
Magnesium	24-2	14614.52	14311.39	14478.61	14468.17	1.05	ppb

LB Number :	LB104299	Operator :	Jaswal
Lab Sample ID :	K3987-01	Instrumnet Name :	P7
Client Sample ID :	390722053.9	Dilution Factor :	1
Date & Time Acquired ::	2019-07-29 15:23:37	DataFile Name :	034SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	6.92	6.62	6.66	6.74	2.39	ppb
Molybdenum	94-1	0.12	0.16	0.19	0.16	20.43	ppb
Molybdenum	95-1	0.17	0.15	0.20	0.17	13.85	ppb
Molybdenum	96-1	0.16	0.19	0.16	0.17	9.98	ppb
Molybdenum	97-1	0.17	0.14	0.18	0.16	12.99	ppb
Molybdenum	98-1	0.18	0.18	0.18	0.18	1.15	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.51	0.52	0.71	0.58	19.15	ppb
Phosphorus	31-2	-1.60	-11.15	6.47	-2.09		ppb
Potassium	39-2	1076.81	1045.63	1072.11	1064.85	1.58	ppb
Rhodium	103-1				97		%
Rhodium	103-2				105		%
Scandium	45-1				102		%
Scandium	45-2				109		%
Selenium	77-2	0.29	0.85	0.58	0.57	49.43	ppb
Selenium	78-2	0.28	0.26	0.57	0.37	46.43	ppb
Selenium	82-1	0.85	0.24	0.49	0.53	58.73	ppb
Silicon	28-1	10624.07	10666.26	10672.33	10654.22	0.25	ppb
Silver	109-1	0.02	0.02	0.02	0.02	5.34	ppb
Silver	107-1	0.02	0.02	0.02	0.02	7.16	ppb
Sodium	23-2	10118.84	9882.54	10077.49	10026.29	1.26	ppb
Strontium	86-1	137.39	137.30	137.44	137.38	0.05	ppb
Strontium	88-1	140.82	139.85	140.74	140.47	0.39	ppb
Sulfur	34-1	5770.92	5772.98	5849.93	5797.95	0.78	ppb
Terbium	159-1				103		%
Terbium	159-2				103		%
Thallium	203-1	0.56	0.50	0.44	0.50	11.45	ppb
Thallium	205-1	0.53	0.49	0.41	0.48	12.18	ppb
Thorium	232-1	0.01	0.01	0.01	0.01	22.79	ppb
Tin	118-1	0.70	0.65	0.69	0.68	3.72	ppb
Titanium	47-1	0.75	0.64	0.63	0.67	9.90	ppb
Uranium	238-1	1.27	1.30	1.29	1.29	1.13	ppb
Vanadium	51-2	1.93	1.79	1.90	1.88	4.07	ppb
Yttrium	89-1				100		%
Yttrium	89-2				108		%

LB Number :	LB104299	Operator :	Jaswal
Lab Sample ID :	K3987-01	Instrumnet Name :	P7
Client Sample ID :	390722053.9	Dilution Factor :	1
Date & Time Acquired ::	2019-07-29 15:23:37	DataFile Name :	034SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zinc	66-2	27.39	26.59	27.15	27.04	1.52	ppb
Zirconium	90-1	0.03	0.03	0.04	0.03	4.77	ppb
Zirconium	91-1	0.03	0.02	0.05	0.03	30.58	ppb

LB Number :	LB104299	Operator :	Jaswal
Lab Sample ID :	CCV71	Instrumnet Name :	P7
Client Sample ID :	CCV71	Dilution Factor :	1
Date & Time Acquired ::	2019-07-29 15:29:57	DataFile Name :	035CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	51711.20	52926.02	52894.55	52510.59	1.32	ppb
Antimony	121-1	511.24	510.77	505.92	509.31	0.58	ppb
Arsenic	75-1	512.04	506.11	506.57	508.24	0.65	ppb
Barium	135-1	2473.85	2456.70	2459.83	2463.46	0.37	ppb
Barium	137-1	2472.20	2452.49	2449.74	2458.15	0.50	ppb
Beryllium	9-1	484.62	485.80	483.40	484.61	0.25	ppb
Bismuth	209-1				90		%
Bismuth	209-2				94		%
Boron	11-1	469.89	479.04	496.23	481.72	2.78	ppb
Boron	10-1	461.46	485.08	486.28	477.61	2.93	ppb
Cadmium	106-1	531.42	525.67	522.88	526.66	0.83	ppb
Cadmium	108-1	526.39	524.73	525.72	525.62	0.16	ppb
Cadmium	111-1	532.90	531.08	526.93	530.30	0.58	ppb
Calcium	43-1	232156.33	233273.47	231992.67	232474.16	0.30	ppb
Calcium	44-1	231805.32	233157.07	232776.89	232579.76	0.30	ppb
Chromium	52-2	480.04	490.72	490.09	486.95	1.23	ppb
Cobalt	59-2	467.39	475.78	475.68	472.95	1.02	ppb
Copper	63-2	948.69	971.55	963.05	961.09	1.20	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-2						cps
Erbium	164-1						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				100		%
Holmium	165-2				97		%
Indium	115-1				91		%
Indium	115-2				95		%
Iron	56-2	123750.94	125583.53	125766.62	125033.70	0.89	ppb
Iron	57-2	123764.19	126124.83	125598.87	125162.63	0.99	ppb
Krypton	83-1						cps
Lead	206-1	470.41	469.02	464.89	468.10	0.61	ppb
Lead	207-1	471.49	472.73	467.03	470.41	0.64	ppb
Lead	208-1	484.69	484.68	481.07	483.48	0.43	ppb
Lithium	6-1				99		%
Magnesium	24-2	248509.01	253994.88	253966.58	252156.82	1.25	ppb

LB Number :	LB104299	Operator :	Jaswal
Lab Sample ID :	CCV71	Instrumnet Name :	P7
Client Sample ID :	CCV71	Dilution Factor :	1
Date & Time Acquired ::	2019-07-29 15:29:57	DataFile Name :	035CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	949.75	969.63	969.98	963.12	1.20	ppb
Molybdenum	94-1	2447.20	2433.22	2440.90	2440.44	0.29	ppb
Molybdenum	95-1	2438.08	2446.00	2427.07	2437.05	0.39	ppb
Molybdenum	96-1	2428.85	2440.73	2419.70	2429.76	0.43	ppb
Molybdenum	97-1	2435.46	2428.16	2433.02	2432.21	0.15	ppb
Molybdenum	98-1	2433.71	2425.64	2419.22	2426.19	0.30	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	471.33	483.03	478.36	477.57	1.23	ppb
Phosphorus	31-2	9738.98	9645.64	9879.72	9754.78	1.21	ppb
Potassium	39-2	121778.43	124191.50	124780.27	123583.40	1.29	ppb
Rhodium	103-1				86		%
Rhodium	103-2				90		%
Scandium	45-1				97		%
Scandium	45-2				99		%
Selenium	77-2	555.50	536.44	521.10	537.68	3.21	ppb
Selenium	78-2	528.35	534.04	535.92	532.77	0.74	ppb
Selenium	82-1	511.35	514.96	509.75	512.02	0.52	ppb
Silicon	28-1	494.04	494.98	493.56	494.19	0.15	ppb
Silver	109-1	521.98	523.44	520.27	521.90	0.30	ppb
Silver	107-1	524.13	519.35	519.17	520.88	0.54	ppb
Sodium	23-2	247197.07	253930.82	251693.48	250940.46	1.37	ppb
Strontium	86-1	481.42	480.00	476.00	479.14	0.59	ppb
Strontium	88-1	492.18	492.84	490.63	491.88	0.23	ppb
Sulfur	34-1	9171.77	9214.24	8994.76	9126.92	1.28	ppb
Terbium	159-1				100		%
Terbium	159-2				96		%
Thallium	203-1	500.54	504.32	496.46	500.44	0.79	ppb
Thallium	205-1	499.05	500.65	491.95	497.22	0.93	ppb
Thorium	232-1	505.26	505.23	505.47	505.32	0.03	ppb
Tin	118-1	493.85	496.68	492.06	494.19	0.47	ppb
Titanium	47-1	2318.07	2329.02	2310.70	2319.27	0.40	ppb
Uranium	238-1	502.31	504.53	504.04	503.63	0.23	ppb
Vanadium	51-2	484.49	491.17	490.70	488.79	0.76	ppb
Yttrium	89-1				95		%
Yttrium	89-2				98		%

LB Number :	LB104299	Operator :	Jaswal
Lab Sample ID :	CCV71	Instrumnet Name :	P7
Client Sample ID :	CCV71	Dilution Factor :	1
Date & Time Acquired ::	2019-07-29 15:29:57	DataFile Name :	035CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zinc	66-2	926.43	949.83	942.65	939.64	1.28	ppb
Zirconium	90-1	491.53	488.96	489.23	489.90	0.29	ppb
Zirconium	91-1	480.93	474.82	478.02	477.92	0.64	ppb

LB Number :	LB104299	Operator :	Jaswal
Lab Sample ID :	CCB71	Instrumnet Name :	P7
Client Sample ID :	CCB71	Dilution Factor :	1
Date & Time Acquired ::	2019-07-29 15:37:15	DataFile Name :	036CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	0.98	0.33	0.97	0.76	48.75	ppb
Antimony	121-1	0.19	0.22	0.20	0.20	8.46	ppb
Arsenic	75-1	0.10	0.17	0.05	0.11	53.52	ppb
Barium	135-1	0.05	0.02	0.03	0.03	43.79	ppb
Barium	137-1	0.04	0.03	0.04	0.04	23.40	ppb
Beryllium	9-1	0.03	0.04	0.02	0.03	27.99	ppb
Bismuth	209-1				104		%
Bismuth	209-2				109		%
Boron	11-1	11.29	11.07	10.42	10.93	4.16	ppb
Boron	10-1	11.49	11.16	9.91	10.86	7.69	ppb
Cadmium	106-1	-3.37	-2.79	-2.87	-3.01		ppb
Cadmium	108-1	-0.01	0.01	0.08	0.03	169.30	ppb
Cadmium	111-1	-0.23	-0.20	-0.19	-0.21		ppb
Calcium	43-1	1.83	3.49	2.02	2.45	37.25	ppb
Calcium	44-1	0.60	1.25	1.39	1.08	38.90	ppb
Chromium	52-2	0.01	-0.01	0.01	0.00	2241.06	ppb
Cobalt	59-2	0.00	0.00	0.00	0.00	138.87	ppb
Copper	63-2	-0.01	0.00	0.01	0.00		ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-2						cps
Erbium	164-1						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				104		%
Holmium	165-2				102		%
Indium	115-1				104		%
Indium	115-2				108		%
Iron	56-2	1.97	2.02	2.08	2.02	2.74	ppb
Iron	57-2	1.48	1.70	1.32	1.50	12.85	ppb
Krypton	83-1						cps
Lead	206-1	0.02	0.03	0.02	0.02	44.15	ppb
Lead	207-1	0.03	0.02	0.04	0.03	40.52	ppb
Lead	208-1	0.02	0.02	0.02	0.02	3.66	ppb
Lithium	6-1				107		%
Magnesium	24-2	4.29	4.36	3.40	4.02	13.29	ppb

LB Number :	LB104299	Operator :	Jaswal
Lab Sample ID :	CCB71	Instrumnet Name :	P7
Client Sample ID :	CCB71	Dilution Factor :	1
Date & Time Acquired ::	2019-07-29 15:37:15	DataFile Name :	036CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	0.02	0.02	0.00	0.02	63.50	ppb
Molybdenum	94-1	0.10	0.10	0.10	0.10	2.68	ppb
Molybdenum	95-1	0.11	0.08	0.10	0.10	14.70	ppb
Molybdenum	96-1	0.09	0.12	0.11	0.11	16.13	ppb
Molybdenum	97-1	0.12	0.12	0.09	0.11	15.42	ppb
Molybdenum	98-1	0.11	0.12	0.10	0.11	10.22	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.00	0.00	0.01	0.00	61.80	ppb
Phosphorus	31-2	-17.01	-23.31	-17.14	-19.16		ppb
Potassium	39-2	1.06	1.11	-0.34	0.61	135.26	ppb
Rhodium	103-1				103		%
Rhodium	103-2				107		%
Scandium	45-1				106		%
Scandium	45-2				108		%
Selenium	77-2	0.00	0.00	0.00	0.00	N/A	ppb
Selenium	78-2	0.00	0.44	0.18	0.21	108.57	ppb
Selenium	82-1	-0.09	-0.04	0.00	-0.04		ppb
Silicon	28-1	-1.35	-1.62	-1.40	-1.46		ppb
Silver	109-1	0.02	0.02	0.03	0.02	25.87	ppb
Silver	107-1	0.02	0.02	0.03	0.02	23.55	ppb
Sodium	23-2	14.89	18.02	16.33	16.41	9.52	ppb
Strontium	86-1	0.02	0.05	0.07	0.05	49.31	ppb
Strontium	88-1	0.01	0.01	0.01	0.01	21.11	ppb
Sulfur	34-1	-883.73	-886.41	-860.76	-876.97		ppb
Terbium	159-1				104		%
Terbium	159-2				102		%
Thallium	203-1	0.08	0.06	0.07	0.07	13.73	ppb
Thallium	205-1	0.06	0.06	0.06	0.06	2.89	ppb
Thorium	232-1	0.03	0.03	0.03	0.03	12.07	ppb
Tin	118-1	0.18	0.07	0.07	0.11	56.10	ppb
Titanium	47-1	0.03	0.01	0.02	0.02	48.63	ppb
Uranium	238-1	0.01	0.00	0.01	0.01	44.16	ppb
Vanadium	51-2	0.00	0.01	0.00	0.00	91.56	ppb
Yttrium	89-1				104		%
Yttrium	89-2				108		%

LB Number :	LB104299	Operator :	Jaswal
Lab Sample ID :	CCB71	Instrumnet Name :	P7
Client Sample ID :	CCB71	Dilution Factor :	1
Date & Time Acquired ::	2019-07-29 15:37:15	DataFile Name :	036CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zinc	66-2	-0.13	-0.12	-0.10	-0.11		ppb
Zirconium	90-1	0.01	0.02	0.02	0.02	29.91	ppb
Zirconium	91-1	0.02	0.03	0.02	0.02	20.00	ppb

LB Number :	LB104299	Operator :	Jaswal
Lab Sample ID :	CRI	Instrumnet Name :	P7
Client Sample ID :	CRI	Dilution Factor :	1
Date & Time Acquired ::	2019-07-29 15:40:51	DataFile Name :	037SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	18.40	18.36	19.80	18.85	4.35	ppb
Antimony	121-1	1.92	1.95	1.91	1.93	1.13	ppb
Arsenic	75-1	0.92	0.91	0.71	0.85	13.97	ppb
Barium	135-1	9.71	9.69	9.36	9.59	2.04	ppb
Barium	137-1	9.67	9.65	9.42	9.58	1.45	ppb
Beryllium	9-1	0.98	0.99	0.96	0.98	1.85	ppb
Bismuth	209-1				103		%
Bismuth	209-2				108		%
Boron	11-1	28.73	28.84	29.43	29.00	1.31	ppb
Boron	10-1	27.74	27.84	29.45	28.34	3.39	ppb
Cadmium	106-1	-1.70	-1.69	-0.45	-1.28		ppb
Cadmium	108-1	1.06	0.89	1.07	1.01	9.68	ppb
Cadmium	111-1	0.81	0.81	0.87	0.83	3.65	ppb
Calcium	43-1	444.30	427.46	458.70	443.49	3.53	ppb
Calcium	44-1	447.40	444.17	442.90	444.82	0.52	ppb
Chromium	52-2	1.90	1.90	1.93	1.91	0.94	ppb
Cobalt	59-2	0.95	1.01	0.97	0.97	3.33	ppb
Copper	63-2	1.83	1.96	1.92	1.90	3.53	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-2						cps
Erbium	164-1						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				104		%
Holmium	165-2				102		%
Indium	115-1				103		%
Indium	115-2				108		%
Iron	56-2	52.04	51.29	51.28	51.53	0.84	ppb
Iron	57-2	54.26	54.41	52.64	53.77	1.83	ppb
Krypton	83-1						cps
Lead	206-1	0.90	0.86	0.87	0.88	2.07	ppb
Lead	207-1	0.89	0.85	0.88	0.87	2.76	ppb
Lead	208-1	0.89	0.86	0.88	0.88	2.00	ppb
Lithium	6-1				108		%
Magnesium	24-2	505.27	507.71	496.43	503.14	1.18	ppb

LB Number :	LB104299	Operator :	Jaswal
Lab Sample ID :	CRI	Instrumnet Name :	P7
Client Sample ID :	CRI	Dilution Factor :	1
Date & Time Acquired ::	2019-07-29 15:40:51	DataFile Name :	037SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	1.05	1.07	1.00	1.04	3.60	ppb
Molybdenum	94-1	4.34	4.40	4.33	4.36	0.85	ppb
Molybdenum	95-1	4.33	4.36	4.48	4.39	1.78	ppb
Molybdenum	96-1	4.42	4.46	4.38	4.42	0.96	ppb
Molybdenum	97-1	4.30	4.34	4.40	4.35	1.21	ppb
Molybdenum	98-1	4.38	4.43	4.49	4.43	1.19	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	1.07	1.00	1.03	1.03	3.56	ppb
Phosphorus	31-2	13.02	36.82	35.20	28.35	46.92	ppb
Potassium	39-2	469.07	468.86	468.61	468.85	0.05	ppb
Rhodium	103-1				103		%
Rhodium	103-2				108		%
Scandium	45-1				107		%
Scandium	45-2				109		%
Selenium	77-2	4.01	5.76	3.99	4.59	22.18	ppb
Selenium	78-2	5.67	5.96	5.18	5.60	7.04	ppb
Selenium	82-1	5.19	4.96	5.07	5.08	2.27	ppb
Silicon	28-1	7.25	7.26	7.37	7.29	0.90	ppb
Silver	109-1	1.03	0.97	1.04	1.01	4.24	ppb
Silver	107-1	1.04	1.02	1.02	1.03	0.93	ppb
Sodium	23-2	491.78	492.77	487.11	490.55	0.62	ppb
Strontium	86-1	0.98	0.92	0.97	0.95	2.92	ppb
Strontium	88-1	0.89	0.89	0.92	0.90	1.64	ppb
Sulfur	34-1	-761.36	-689.51	-696.49	-715.79		ppb
Terbium	159-1				104		%
Terbium	159-2				102		%
Thallium	203-1	0.93	0.94	0.90	0.93	2.05	ppb
Thallium	205-1	0.91	0.88	0.90	0.90	2.06	ppb
Thorium	232-1	0.79	0.80	0.78	0.79	1.29	ppb
Tin	118-1	5.03	4.94	4.92	4.96	1.26	ppb
Titanium	47-1	4.62	4.77	4.56	4.65	2.33	ppb
Uranium	238-1	0.81	0.79	0.79	0.80	1.42	ppb
Vanadium	51-2	4.99	5.06	4.96	5.00	0.97	ppb
Yttrium	89-1				104		%
Yttrium	89-2				108		%

LB Number :	LB104299	Operator :	Jaswal
Lab Sample ID :	CRI	Instrumnet Name :	P7
Client Sample ID :	CRI	Dilution Factor :	1
Date & Time Acquired ::	2019-07-29 15:40:51	DataFile Name :	037SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zinc	66-2	2.10	2.20	2.24	2.18	3.23	ppb
Zirconium	90-1	0.86	0.83	0.86	0.85	2.40	ppb
Zirconium	91-1	0.90	0.90	0.81	0.87	6.15	ppb

LB Number : LB104299 Operator : Jaswal
 Lab Sample ID : PB121732BL Instrumnet Name : P7
 Client Sample ID : PB121732BL Dilution Factor : 1
 Date & Time Acquired :: 2019-07-29 15:44:28 DataFile Name : 038SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	-0.14	-0.32	0.25	-0.07		ppb
Antimony	121-1	0.05	0.07	0.06	0.06	20.87	ppb
Arsenic	75-1	0.07	-0.09	0.04	0.00	1911.33	ppb
Barium	135-1	0.01	0.03	0.02	0.02	66.66	ppb
Barium	137-1	0.00	0.02	0.02	0.02	68.72	ppb
Beryllium	9-1	0.02	0.03	0.02	0.02	34.17	ppb
Bismuth	209-1				98		%
Bismuth	209-2				109		%
Boron	11-1	5.19	6.82	5.56	5.86	14.64	ppb
Boron	10-1	5.69	7.30	5.12	6.03	18.71	ppb
Cadmium	106-1	-2.99	-2.07	-3.23	-2.77		ppb
Cadmium	108-1	0.05	0.03	0.02	0.04	37.77	ppb
Cadmium	111-1	-0.21	-0.14	-0.23	-0.20		ppb
Calcium	43-1	-0.33	2.74	3.15	1.85	102.66	ppb
Calcium	44-1	-2.20	1.85	0.18	-0.06		ppb
Chromium	52-2	-0.01	0.00	0.00	0.00		ppb
Cobalt	59-2	0.00	0.00	0.00	0.00		ppb
Copper	63-2	-0.03	-0.04	-0.03	-0.03		ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-2						cps
Erbium	164-1						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				100		%
Holmium	165-2				103		%
Indium	115-1				100		%
Indium	115-2				109		%
Iron	56-2	0.20	0.15	0.15	0.17	15.27	ppb
Iron	57-2	-0.19	1.19	0.80	0.60	119.16	ppb
Krypton	83-1						cps
Lead	206-1	0.01	0.02	0.01	0.01	73.17	ppb
Lead	207-1	0.00	0.03	0.02	0.01	114.08	ppb
Lead	208-1	0.00	0.02	0.01	0.01	78.17	ppb
Lithium	6-1				108		%
Magnesium	24-2	0.54	0.43	0.20	0.39	43.95	ppb

LB Number : LB104299 Operator : Jaswal
 Lab Sample ID : PB121732BL Instrumnet Name : P7
 Client Sample ID : PB121732BL Dilution Factor : 1
 Date & Time Acquired :: 2019-07-29 15:44:28 DataFile Name : 038SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	0.01	-0.01	0.00	0.00		ppb
Molybdenum	94-1	0.03	0.05	0.05	0.05	24.23	ppb
Molybdenum	95-1	0.02	0.05	0.05	0.04	46.63	ppb
Molybdenum	96-1	0.02	0.04	0.03	0.03	41.78	ppb
Molybdenum	97-1	0.01	0.05	0.04	0.03	54.41	ppb
Molybdenum	98-1	0.01	0.05	0.05	0.04	57.86	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	-0.01	0.02	0.01	0.01	253.93	ppb
Phosphorus	31-2	-23.83	-22.49	-26.13	-24.15		ppb
Potassium	39-2	-4.82	-1.24	-3.63	-3.23		ppb
Rhodium	103-1				101		%
Rhodium	103-2				111		%
Scandium	45-1				104		%
Scandium	45-2				111		%
Selenium	77-2	0.00	0.00	0.29	0.10	173.21	ppb
Selenium	78-2	-0.31	-0.16	0.26	-0.07		ppb
Selenium	82-1	0.11	-0.11	0.16	0.06	255.74	ppb
Silicon	28-1	-1.89	2.91	-1.06	-0.01		ppb
Silver	109-1	0.01	0.01	0.02	0.01	34.62	ppb
Silver	107-1	0.01	0.02	0.01	0.01	27.37	ppb
Sodium	23-2	5.57	6.27	5.10	5.64	10.47	ppb
Strontium	86-1	0.01	0.08	0.01	0.03	119.28	ppb
Strontium	88-1	0.01	0.01	0.01	0.01	20.91	ppb
Sulfur	34-1	-801.86	-35.79	-689.64	-509.09		ppb
Terbium	159-1				100		%
Terbium	159-2				103		%
Thallium	203-1	0.04	0.05	0.03	0.04	32.08	ppb
Thallium	205-1	0.03	0.04	0.03	0.03	27.88	ppb
Thorium	232-1	0.01	0.02	0.01	0.01	17.23	ppb
Tin	118-1	0.04	0.05	0.04	0.04	16.01	ppb
Titanium	47-1	0.04	0.05	0.01	0.03	57.35	ppb
Uranium	238-1	0.00	0.01	0.01	0.01	52.17	ppb
Vanadium	51-2	0.00	0.00	0.00	0.00	71.45	ppb
Yttrium	89-1				101		%
Yttrium	89-2				109		%

LB Number :	LB104299	Operator :	Jaswal
Lab Sample ID :	PB121732BL	Instrumnet Name :	P7
Client Sample ID :	PB121732BL	Dilution Factor :	1
Date & Time Acquired ::	2019-07-29 15:44:28	DataFile Name :	038SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zinc	66-2	-0.12	-0.10	-0.09	-0.10		ppb
Zirconium	90-1	0.01	0.01	0.01	0.01	24.62	ppb
Zirconium	91-1	0.00	0.01	0.01	0.00	37.92	ppb

LB Number :	LB104299	Operator :	Jaswal
Lab Sample ID :	K3996-01	Instrumnet Name :	P7
Client Sample ID :	390715031.9	Dilution Factor :	1
Date & Time Acquired ::	2019-07-29 15:48:06	DataFile Name :	039SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	70.87	75.46	74.20	73.51	3.23	ppb
Antimony	121-1	0.46	0.45	0.46	0.46	1.34	ppb
Arsenic	75-1	0.31	0.39	0.31	0.34	14.28	ppb
Barium	135-1	63.36	63.36	62.49	63.07	0.79	ppb
Barium	137-1	64.45	63.96	62.60	63.67	1.51	ppb
Beryllium	9-1	0.31	0.36	0.37	0.34	9.98	ppb
Bismuth	209-1				94		%
Bismuth	209-2				100		%
Boron	11-1	39.91	41.68	41.67	41.09	2.47	ppb
Boron	10-1	40.33	39.43	40.99	40.25	1.95	ppb
Cadmium	106-1	-0.33	-1.33	-1.19	-0.95		ppb
Cadmium	108-1	0.18	0.09	0.07	0.11	52.98	ppb
Cadmium	111-1	0.03	-0.04	-0.03	-0.01		ppb
Calcium	43-1	100381.04	101806.70	100480.04	100889.26	0.79	ppb
Calcium	44-1	106104.34	106875.90	106017.69	106332.65	0.44	ppb
Chromium	52-2	25.03	25.02	25.15	25.07	0.27	ppb
Cobalt	59-2	3.21	3.27	3.27	3.25	1.06	ppb
Copper	63-2	128.42	130.08	129.16	129.22	0.64	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-2						cps
Erbium	164-1						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				100		%
Holmium	165-2				100		%
Indium	115-1				95		%
Indium	115-2				102		%
Iron	56-2	2903.82	2905.30	2885.88	2898.33	0.37	ppb
Iron	57-2	3105.55	3123.89	3093.89	3107.78	0.49	ppb
Krypton	83-1						cps
Lead	206-1	9.42	9.32	9.18	9.31	1.27	ppb
Lead	207-1	8.85	9.01	8.89	8.91	0.97	ppb
Lead	208-1	9.15	9.12	9.02	9.10	0.77	ppb
Lithium	6-1				102		%
Magnesium	24-2	21048.78	21091.43	20837.36	20992.52	0.65	ppb

LB Number :	LB104299	Operator :	Jaswal
Lab Sample ID :	K3996-01	Instrumnet Name :	P7
Client Sample ID :	390715031.9	Dilution Factor :	1
Date & Time Acquired ::	2019-07-29 15:48:06	DataFile Name :	039SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	1186.97	1193.32	1186.25	1188.85	0.33	ppb
Molybdenum	94-1	1.32	1.29	1.34	1.31	2.01	ppb
Molybdenum	95-1	1.69	1.76	1.63	1.69	3.99	ppb
Molybdenum	96-1	1.64	1.69	1.70	1.68	1.84	ppb
Molybdenum	97-1	1.61	1.71	1.73	1.68	3.82	ppb
Molybdenum	98-1	1.69	1.75	1.65	1.70	3.04	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	8.34	8.62	8.37	8.44	1.86	ppb
Phosphorus	31-2	-5.46	-13.12	-5.66	-8.08		ppb
Potassium	39-2	2426.99	2445.93	2443.51	2438.81	0.42	ppb
Rhodium	103-1				93		%
Rhodium	103-2				98		%
Scandium	45-1				100		%
Scandium	45-2				103		%
Selenium	77-2	12.20	8.50	13.22	11.31	21.96	ppb
Selenium	78-2	3.23	3.13	2.94	3.10	4.64	ppb
Selenium	82-1	1.02	1.06	1.07	1.05	2.12	ppb
Silicon	28-1	7698.91	7720.39	7636.63	7685.31	0.57	ppb
Silver	109-1	0.08	0.08	0.07	0.08	8.67	ppb
Silver	107-1	0.09	0.10	0.09	0.09	5.27	ppb
Sodium	23-2	123957.53	123698.47	122692.94	123449.65	0.54	ppb
Strontium	86-1	158.75	160.56	156.89	158.73	1.16	ppb
Strontium	88-1	164.42	164.17	164.05	164.22	0.11	ppb
Sulfur	34-1	14625.59	14635.10	14439.68	14566.79	0.76	ppb
Terbium	159-1				100		%
Terbium	159-2				99		%
Thallium	203-1	0.05	0.04	0.04	0.04	7.42	ppb
Thallium	205-1	0.04	0.04	0.04	0.04	6.34	ppb
Thorium	232-1	0.19	0.17	0.18	0.18	3.82	ppb
Tin	118-1	6.20	6.36	6.30	6.29	1.22	ppb
Titanium	47-1	1.71	1.75	1.76	1.74	1.60	ppb
Uranium	238-1	4.74	4.79	4.75	4.76	0.64	ppb
Vanadium	51-2	0.24	0.25	0.26	0.25	3.68	ppb
Yttrium	89-1				120		%
Yttrium	89-2				125		%

LB Number :	LB104299	Operator :	Jaswal
Lab Sample ID :	K3996-01	Instrumnet Name :	P7
Client Sample ID :	390715031.9	Dilution Factor :	1
Date & Time Acquired ::	2019-07-29 15:48:06	DataFile Name :	039SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zinc	66-2	9.95	10.07	10.03	10.02	0.59	ppb
Zirconium	90-1	0.03	0.03	0.04	0.04	9.36	ppb
Zirconium	91-1	0.03	0.03	0.04	0.03	11.59	ppb

LB Number :	LB104299	Operator :	Jaswal
Lab Sample ID :	K3997-01	Instrumnet Name :	P7
Client Sample ID :	390717191.9	Dilution Factor :	1
Date & Time Acquired ::	2019-07-29 15:51:41	DataFile Name :	040SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	6.36	6.08	6.03	6.15	2.87	ppb
Antimony	121-1	0.07	0.08	0.09	0.08	9.74	ppb
Arsenic	75-1	0.34	0.41	0.50	0.42	18.82	ppb
Barium	135-1	17.06	16.51	17.30	16.95	2.39	ppb
Barium	137-1	17.10	16.89	16.70	16.90	1.18	ppb
Beryllium	9-1	0.04	0.04	0.03	0.04	15.80	ppb
Bismuth	209-1				96		%
Bismuth	209-2				101		%
Boron	11-1	21.00	20.56	21.00	20.86	1.21	ppb
Boron	10-1	20.59	20.68	20.86	20.71	0.65	ppb
Cadmium	106-1	-2.74	-3.22	-2.63	-2.86		ppb
Cadmium	108-1	0.20	0.09	0.02	0.10	84.73	ppb
Cadmium	111-1	-0.19	-0.20	-0.17	-0.19		ppb
Calcium	43-1	23184.72	23529.33	23199.69	23304.58	0.84	ppb
Calcium	44-1	24225.35	24433.18	24425.46	24361.33	0.48	ppb
Chromium	52-2	0.41	0.39	0.38	0.39	4.22	ppb
Cobalt	59-2	0.74	0.77	0.73	0.75	2.68	ppb
Copper	63-2	8.50	8.89	8.70	8.70	2.29	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-2						cps
Erbium	164-1						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				101		%
Holmium	165-2				99		%
Indium	115-1				98		%
Indium	115-2				101		%
Iron	56-2	5893.34	5914.29	5945.34	5917.66	0.44	ppb
Iron	57-2	5723.43	5771.53	5756.53	5750.50	0.43	ppb
Krypton	83-1						cps
Lead	206-1	4.59	4.50	4.47	4.52	1.42	ppb
Lead	207-1	4.51	4.42	4.37	4.44	1.64	ppb
Lead	208-1	4.53	4.51	4.44	4.50	1.04	ppb
Lithium	6-1				102		%
Magnesium	24-2	11033.68	11110.97	11004.95	11049.86	0.50	ppb

LB Number :	LB104299	Operator :	Jaswal
Lab Sample ID :	K3997-01	Instrumnet Name :	P7
Client Sample ID :	390717191.9	Dilution Factor :	1
Date & Time Acquired ::	2019-07-29 15:51:41	DataFile Name :	040SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	27.81	27.83	28.15	27.93	0.69	ppb
Molybdenum	94-1	0.08	0.06	0.03	0.06	39.24	ppb
Molybdenum	95-1	0.02	0.03	0.04	0.03	27.37	ppb
Molybdenum	96-1	0.09	0.06	0.07	0.07	21.26	ppb
Molybdenum	97-1	0.02	0.04	0.03	0.03	31.61	ppb
Molybdenum	98-1	0.03	0.04	0.03	0.03	18.87	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	7.90	8.47	8.40	8.26	3.78	ppb
Phosphorus	31-2	-16.13	-19.73	-22.56	-19.47		ppb
Potassium	39-2	4308.94	4290.15	4345.86	4314.98	0.66	ppb
Rhodium	103-1				95		%
Rhodium	103-2				99		%
Scandium	45-1				101		%
Scandium	45-2				103		%
Selenium	77-2	0.30	0.61	1.21	0.71	65.18	ppb
Selenium	78-2	0.49	0.31	0.54	0.45	26.81	ppb
Selenium	82-1	0.03	0.21	0.22	0.15	72.12	ppb
Silicon	28-1	9765.52	9758.83	9771.67	9765.34	0.07	ppb
Silver	109-1	0.03	0.02	0.02	0.03	19.76	ppb
Silver	107-1	0.02	0.02	0.01	0.02	9.04	ppb
Sodium	23-2	136624.42	136424.32	136841.31	136630.02	0.15	ppb
Strontium	86-1	120.30	120.85	120.37	120.51	0.25	ppb
Strontium	88-1	117.00	117.76	117.11	117.29	0.35	ppb
Sulfur	34-1	12698.70	12901.97	12980.63	12860.43	1.13	ppb
Terbium	159-1				101		%
Terbium	159-2				99		%
Thallium	203-1	0.03	0.04	0.05	0.04	32.59	ppb
Thallium	205-1	0.03	0.03	0.03	0.03	5.63	ppb
Thorium	232-1	0.02	0.01	0.02	0.01	10.46	ppb
Tin	118-1	0.23	0.20	0.19	0.20	10.59	ppb
Titanium	47-1	0.68	0.69	0.68	0.68	1.08	ppb
Uranium	238-1	0.01	0.01	0.01	0.01	22.58	ppb
Vanadium	51-2	0.02	0.02	0.02	0.02	8.10	ppb
Yttrium	89-1				99		%
Yttrium	89-2				102		%

LB Number :	LB104299	Operator :	Jaswal
Lab Sample ID :	K3997-01	Instrumnet Name :	P7
Client Sample ID :	390717191.9	Dilution Factor :	1
Date & Time Acquired ::	2019-07-29 15:51:41	DataFile Name :	040SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zinc	66-2	28.24	28.61	28.29	28.38	0.70	ppb
Zirconium	90-1	0.02	0.02	0.03	0.02	26.97	ppb
Zirconium	91-1	0.00	0.01	0.02	0.01	63.41	ppb

LB Number :	LB104299	Operator :	Jaswal
Lab Sample ID :	CCV72	Instrumnet Name :	P7
Client Sample ID :	CCV72	Dilution Factor :	1
Date & Time Acquired ::	2019-07-29 16:05:25	DataFile Name :	041CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	52588.62	52939.65	52926.41	52818.23	0.38	ppb
Antimony	121-1	513.00	507.29	510.77	510.35	0.56	ppb
Arsenic	75-1	499.92	497.16	507.59	501.56	1.08	ppb
Barium	135-1	2480.51	2451.97	2469.75	2467.41	0.58	ppb
Barium	137-1	2469.84	2433.00	2448.21	2450.35	0.76	ppb
Beryllium	9-1	485.46	487.09	487.98	486.84	0.26	ppb
Bismuth	209-1				91		%
Bismuth	209-2				94		%
Boron	11-1	464.22	474.52	488.52	475.75	2.56	ppb
Boron	10-1	463.75	468.25	475.18	469.06	1.23	ppb
Cadmium	106-1	536.14	518.73	530.31	528.39	1.68	ppb
Cadmium	108-1	529.52	525.00	529.46	527.99	0.49	ppb
Cadmium	111-1	529.34	520.01	523.77	524.37	0.89	ppb
Calcium	43-1	233098.40	230527.28	234256.59	232627.42	0.82	ppb
Calcium	44-1	232299.63	230314.21	234719.90	232444.58	0.95	ppb
Chromium	52-2	482.02	485.12	483.31	483.49	0.32	ppb
Cobalt	59-2	468.27	472.99	468.67	469.97	0.56	ppb
Copper	63-2	955.21	962.86	956.97	958.35	0.42	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-2						cps
Erbium	164-1						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				100		%
Holmium	165-2				98		%
Indium	115-1				91		%
Indium	115-2				95		%
Iron	56-2	124851.72	125350.77	124738.31	124980.26	0.26	ppb
Iron	57-2	125234.39	125931.48	125551.97	125572.61	0.28	ppb
Krypton	83-1						cps
Lead	206-1	463.80	456.80	464.22	461.61	0.90	ppb
Lead	207-1	465.61	462.65	467.23	465.16	0.50	ppb
Lead	208-1	479.30	475.32	479.95	478.19	0.52	ppb
Lithium	6-1				98		%
Magnesium	24-2	251155.40	252829.88	251939.03	251974.77	0.33	ppb

LB Number :	LB104299	Operator :	Jaswal
Lab Sample ID :	CCV72	Instrumnet Name :	P7
Client Sample ID :	CCV72	Dilution Factor :	1
Date & Time Acquired ::	2019-07-29 16:05:25	DataFile Name :	041CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	960.27	964.05	958.37	960.90	0.30	ppb
Molybdenum	94-1	2427.90	2390.95	2459.61	2426.15	1.42	ppb
Molybdenum	95-1	2416.39	2390.25	2447.44	2418.03	1.18	ppb
Molybdenum	96-1	2407.65	2380.53	2434.54	2407.57	1.12	ppb
Molybdenum	97-1	2415.56	2388.45	2441.71	2415.24	1.10	ppb
Molybdenum	98-1	2404.38	2378.74	2435.69	2406.27	1.19	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	471.35	478.29	472.83	474.16	0.77	ppb
Phosphorus	31-2	9935.88	9645.66	9734.15	9771.90	1.52	ppb
Potassium	39-2	123970.67	124527.46	124047.40	124181.84	0.24	ppb
Rhodium	103-1				86		%
Rhodium	103-2				90		%
Scandium	45-1				97		%
Scandium	45-2				100		%
Selenium	77-2	537.37	523.01	515.22	525.20	2.14	ppb
Selenium	78-2	532.91	533.34	530.91	532.39	0.24	ppb
Selenium	82-1	505.37	498.75	510.35	504.82	1.15	ppb
Silicon	28-1	494.11	486.49	496.18	492.26	1.04	ppb
Silver	109-1	520.50	514.54	519.72	518.25	0.63	ppb
Silver	107-1	523.88	515.87	520.45	520.07	0.77	ppb
Sodium	23-2	249508.39	252068.11	248994.54	250190.35	0.66	ppb
Strontium	86-1	478.46	467.41	477.60	474.49	1.30	ppb
Strontium	88-1	487.62	485.40	494.23	489.09	0.94	ppb
Sulfur	34-1	9439.96	9182.40	9247.44	9289.93	1.44	ppb
Terbium	159-1				100		%
Terbium	159-2				97		%
Thallium	203-1	495.77	492.74	494.42	494.31	0.31	ppb
Thallium	205-1	492.30	490.52	494.92	492.58	0.45	ppb
Thorium	232-1	502.74	498.38	509.51	503.54	1.11	ppb
Tin	118-1	496.33	488.67	496.80	493.93	0.92	ppb
Titanium	47-1	2318.93	2289.48	2324.04	2310.82	0.81	ppb
Uranium	238-1	499.91	496.91	503.52	500.11	0.66	ppb
Vanadium	51-2	485.89	489.88	487.84	487.87	0.41	ppb
Yttrium	89-1				95		%
Yttrium	89-2				99		%

LB Number :	LB104299	Operator :	Jaswal
Lab Sample ID :	CCV72	Instrumnet Name :	P7
Client Sample ID :	CCV72	Dilution Factor :	1
Date & Time Acquired ::	2019-07-29 16:05:25	DataFile Name :	041CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zinc	66-2	932.88	933.81	929.51	932.07	0.24	ppb
Zirconium	90-1	484.62	483.96	493.87	487.49	1.14	ppb
Zirconium	91-1	470.96	467.47	479.45	472.63	1.30	ppb

LB Number : LB104299 Operator : Jaswal
 Lab Sample ID : CCB72 Instrumnet Name : P7
 Client Sample ID : CCB72 Dilution Factor : 1
 Date & Time Acquired :: 2019-07-29 16:09:07 DataFile Name : 042CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	0.39	0.87	0.33	0.53	55.65	ppb
Antimony	121-1	0.43	0.42	0.46	0.43	5.16	ppb
Arsenic	75-1	0.09	0.11	0.07	0.09	18.62	ppb
Barium	135-1	0.18	0.10	0.11	0.13	31.09	ppb
Barium	137-1	0.15	0.15	0.10	0.13	22.51	ppb
Beryllium	9-1	0.07	0.06	0.05	0.06	14.16	ppb
Bismuth	209-1				104		%
Bismuth	209-2				113		%
Boron	11-1	18.11	16.83	16.41	17.12	5.19	ppb
Boron	10-1	18.76	17.08	17.13	17.66	5.40	ppb
Cadmium	106-1	-2.72	-2.59	-3.20	-2.84		ppb
Cadmium	108-1	-0.01	0.04	0.02	0.02	124.49	ppb
Cadmium	111-1	-0.13	-0.15	-0.20	-0.16		ppb
Calcium	43-1	14.78	8.89	8.11	10.60	34.40	ppb
Calcium	44-1	11.50	8.08	5.44	8.34	36.41	ppb
Chromium	52-2	0.04	0.01	0.04	0.03	48.24	ppb
Cobalt	59-2	0.01	0.01	0.00	0.01	43.00	ppb
Copper	63-2	0.02	0.00	0.00	0.01	209.20	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-2						cps
Erbium	164-1						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				105		%
Holmium	165-2				103		%
Indium	115-1				104		%
Indium	115-2				109		%
Iron	56-2	3.87	3.21	2.81	3.30	16.18	ppb
Iron	57-2	4.35	3.40	2.90	3.55	20.76	ppb
Krypton	83-1						cps
Lead	206-1	0.03	0.02	0.03	0.03	11.24	ppb
Lead	207-1	0.03	0.02	0.03	0.03	15.27	ppb
Lead	208-1	0.03	0.03	0.03	0.03	16.38	ppb
Lithium	6-1				106		%
Magnesium	24-2	6.07	5.31	4.57	5.32	14.06	ppb

LB Number :	LB104299	Operator :	Jaswal
Lab Sample ID :	CCB72	Instrumnet Name :	P7
Client Sample ID :	CCB72	Dilution Factor :	1
Date & Time Acquired ::	2019-07-29 16:09:07	DataFile Name :	042CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	0.02	0.03	0.01	0.02	34.24	ppb
Molybdenum	94-1	0.32	0.37	0.26	0.32	18.61	ppb
Molybdenum	95-1	0.44	0.35	0.34	0.38	15.50	ppb
Molybdenum	96-1	0.36	0.34	0.29	0.33	10.35	ppb
Molybdenum	97-1	0.41	0.38	0.31	0.37	15.07	ppb
Molybdenum	98-1	0.41	0.34	0.35	0.37	9.87	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.01	0.03	0.02	0.02	29.57	ppb
Phosphorus	31-2	-22.11	-28.26	-28.42	-26.27		ppb
Potassium	39-2	4.71	3.06	3.22	3.66	24.78	ppb
Rhodium	103-1				103		%
Rhodium	103-2				109		%
Scandium	45-1				105		%
Scandium	45-2				107		%
Selenium	77-2	0.29	0.58	0.00	0.29	100.39	ppb
Selenium	78-2	0.32	-0.51	-0.24	-0.14		ppb
Selenium	82-1	0.39	0.12	-0.12	0.13	194.27	ppb
Silicon	28-1	-0.56	-0.55	-0.59	-0.57		ppb
Silver	109-1	0.05	0.04	0.03	0.04	29.44	ppb
Silver	107-1	0.05	0.03	0.02	0.04	36.63	ppb
Sodium	23-2	26.22	26.12	24.94	25.76	2.77	ppb
Strontium	86-1	0.03	0.03	-0.01	0.02	110.35	ppb
Strontium	88-1	0.03	0.03	0.02	0.02	27.27	ppb
Sulfur	34-1	-969.99	-922.17	-982.13	-958.10		ppb
Terbium	159-1				104		%
Terbium	159-2				103		%
Thallium	203-1	0.12	0.11	0.09	0.11	12.80	ppb
Thallium	205-1	0.12	0.11	0.09	0.11	14.98	ppb
Thorium	232-1	0.09	0.07	0.07	0.08	11.80	ppb
Tin	118-1	0.13	0.13	0.12	0.13	2.50	ppb
Titanium	47-1	0.11	0.17	0.12	0.13	25.70	ppb
Uranium	238-1	0.02	0.02	0.02	0.02	11.34	ppb
Vanadium	51-2	0.02	0.01	0.00	0.01	72.49	ppb
Yttrium	89-1				104		%
Yttrium	89-2				108		%

LB Number :	LB104299	Operator :	Jaswal
Lab Sample ID :	CCB72	Instrumnet Name :	P7
Client Sample ID :	CCB72	Dilution Factor :	1
Date & Time Acquired ::	2019-07-29 16:09:07	DataFile Name :	042CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zinc	66-2	-0.06	-0.03	-0.09	-0.06		ppb
Zirconium	90-1	0.04	0.05	0.05	0.05	1.59	ppb
Zirconium	91-1	0.05	0.05	0.05	0.05	5.84	ppb

LB Number : LB104299 Operator : Jaswal
 Lab Sample ID : S0 Instrumnet Name : P7
 Client Sample ID : S0 Dilution Factor : 1
 Date & Time Acquired :: 2019-07-29 11:36:21 DataFile Name : 003CALB.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	67	92	25	61	55.11	cps
Antimony	121-1	92	100	67	86	20.15	cps
Arsenic	75-1	-584	-5	-416	-335	-88.97	cps
Barium	135-1	17	17	33	22	43.28	cps
Barium	137-1	50	42	8	33	66.15	cps
Beryllium	9-1	53	60	63	59	8.65	cps
Bismuth	209-1	10204330	10233025	10178607	10205321	0.27	cps
Bismuth	209-2	5177399	5176222	5121675	5158432	0.62	cps
Boron	11-1	3259	3259	3334	3284	1.32	cps
Boron	10-1	858	575	742	725	19.64	cps
Cadmium	106-1	4284	4267	4518	4356	3.21	cps
Cadmium	108-1	4	13	13	10	49.46	cps
Cadmium	111-1	3029	3008	3154	3064	2.57	cps
Calcium	43-1	175	175	108	153	25.19	cps
Calcium	44-1	7085	6519	6560	6721	4.70	cps
Chromium	52-2	777	713	720	737	4.72	cps
Cobalt	59-2	53	57	70	60	14.70	cps
Copper	63-2	1000	960	980	980	2.04	cps
Dysprosium	156-1	25	8	8	14	69.31	cps
Dysprosium	156-2	33	40	20	31	32.73	cps
Erbium	164-2	67	73	77	72	7.05	cps
Erbium	164-1	25	75	100	67	57.29	cps
Gadolinium	160-1	92	67	117	92	27.27	cps
Gadolinium	160-2	283	210	177	223	24.43	cps
Holmium	165-1	14725097	14903959	14782624	14803893	0.62	cps
Holmium	165-2	7564282	7555864	7476713	7532286	0.64	cps
Indium	115-1	11886772	11901838	11811984	11866865	0.41	cps
Indium	115-2	2122888	2128318	2138579	2129929	0.37	cps
Iron	56-2	3662	3573	3501	3578	2.26	cps
Iron	57-2	183	133	144	154	17.08	cps
Krypton	83-1	337	313	340	330	4.40	cps
Lead	206-1	983	1106	1067	1052	5.94	cps
Lead	207-1	1122	1028	1033	1061	5.00	cps
Lead	208-1	3745	3750	3561	3685	2.92	cps
Lithium	6-1	2759369	2757199	2744300	2753623	0.30	cps
Magnesium	24-2	67	158	117	114	40.30	cps

LB Number :	LB104299	Operator :	Jaswal
Lab Sample ID :	S0	Instrumnet Name :	P7
Client Sample ID :	S0	Dilution Factor :	1
Date & Time Acquired ::	2019-07-29 11:36:21	DataFile Name :	003CALB.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	40	57	60	52	20.52	cps
Molybdenum	94-1	200	283	433	306	38.70	cps
Molybdenum	95-1	33	83	58	58	42.86	cps
Molybdenum	96-1	167	192	208	189	11.10	cps
Molybdenum	97-1	75	50	67	64	19.92	cps
Molybdenum	98-1	83	75	133	97	32.45	cps
Neodymium	150-1	13	13	7	11	34.61	cps
Neodymium	150-2	10	13	7	10	33.30	cps
Nickel	60-2	47	37	60	48	24.50	cps
Phosphorus	31-2	100	50	117	89	39.03	cps
Potassium	39-2	16735	16477	18154	17122	5.27	cps
Rhodium	103-1	10328333	10379459	10335072	10347621	0.27	cps
Rhodium	103-2	4484079	4460925	4505987	4483664	0.50	cps
Scandium	45-1	6171017	6186667	6193549	6183744	0.19	cps
Scandium	45-2	259981	260594	260304	260293	0.12	cps
Selenium	77-2	0	0	0	0	0.00	cps
Selenium	78-2	56	52	89	65	31.17	cps
Selenium	82-1	45	30	1	25	89.14	cps
Silicon	28-1	146570	144162	144618	145117	0.88	cps
Silver	109-1	42	50	42	44	10.82	cps
Silver	107-1	125	100	108	111	11.46	cps
Sodium	23-2	12289	13315	12856	12820	4.01	cps
Strontium	86-1	367	425	575	456	23.59	cps
Strontium	88-1	92	108	125	108	15.39	cps
Sulfur	34-1	297072	296707	294502	296094	0.47	cps
Terbium	159-1	15111747	15120863	14944205	15058938	0.66	cps
Terbium	159-2	7373912	7346413	7339707	7353344	0.25	cps
Thallium	203-1	642	650	742	678	8.19	cps
Thallium	205-1	1217	1150	992	1120	10.32	cps
Thorium	232-1	2200	2306	2245	2250	2.36	cps
Tin	118-1	683	725	550	653	14.00	cps
Titanium	47-1	117	100	75	97	21.57	cps
Uranium	238-1	3159	2775	2692	2875	8.66	cps
Vanadium	51-2	3	10	3	6	69.34	cps
Yttrium	89-1	11347517	11382625	11335136	11355092	0.22	cps
Yttrium	89-2	1491257	1478597	1496204	1488686	0.61	cps

LB Number :	LB104299	Operator :	Jaswal
Lab Sample ID :	S0	Instrumnet Name :	P7
Client Sample ID :	S0	Dilution Factor :	1
Date & Time Acquired ::	2019-07-29 11:36:21	DataFile Name :	003CALB.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zinc	66-2	377	377	337	363	6.36	cps
Zirconium	90-1	883	775	775	811	7.71	cps
Zirconium	91-1	225	167	167	186	18.10	cps

LB Number : LB104299 Operator : Jaswal
 Lab Sample ID : S1 Instrumnet Name : P7
 Client Sample ID : S1 Dilution Factor : 1
 Date & Time Acquired :: 2019-07-29 11:39:57 DataFile Name : 004CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	350	233	250	278	22.72	cps
Antimony	121-1	2442	2592	2400	2478	4.07	cps
Arsenic	75-1	Rejected	Rejected	Rejected			cps
Barium	135-1	3667	3359	3167	3398	7.43	cps
Barium	137-1	5968	5885	6160	6004	2.35	cps
Beryllium	9-1	253	310	333	299	13.76	cps
Bismuth	209-1	9041766	9073448	8924696	9013303	0.87	cps
Bismuth	209-2	5158290	5115574	5252730	5175531	1.36	cps
Boron	11-1	7235	7644	7485	7455	2.76	cps
Boron	10-1	1375	1692	1558	1542	10.31	cps
Cadmium	106-1	Rejected	Rejected	Rejected			cps
Cadmium	108-1	Rejected	Rejected	Rejected			cps
Cadmium	111-1	Rejected	Rejected	Rejected			cps
Calcium	43-1	1825	1959	1917	1900	3.59	cps
Calcium	44-1	36772	35686	35627	36028	1.79	cps
Chromium	52-2	1257	1253	1270	1260	0.70	cps
Cobalt	59-2	660	700	667	676	3.17	cps
Copper	63-2	2024	1907	1800	1910	5.85	cps
Dysprosium	156-1	25	25	25	25	0.00	cps
Dysprosium	156-2	37	23	23	28	27.73	cps
Erbium	164-2	47	57	80	61	27.99	cps
Erbium	164-1	75	75	42	64	30.12	cps
Gadolinium	160-1	133	100	75	103	28.48	cps
Gadolinium	160-2	197	217	223	212	6.54	cps
Holmium	165-1	13304497	13360096	13131967	13265520	0.90	cps
Holmium	165-2	6787886	6763589	6913562	6821679	1.18	cps
Indium	115-1	10744145	10832967	10627687	10734933	0.96	cps
Indium	115-2	2162822	2138812	2185624	2162419	1.08	cps
Iron	56-2	19680	20014	19836	19844	0.84	cps
Iron	57-2	589	683	517	596	14.02	cps
Krypton	83-1	400	357	327	361	10.21	cps
Lead	206-1	2011	1867	2067	1982	5.21	cps
Lead	207-1	1911	1884	1850	1882	1.63	cps
Lead	208-1	7729	7579	7862	7723	1.84	cps
Lithium	6-1	2738830	2746148	2704745	2729908	0.81	cps
Magnesium	24-2	14616	14808	14549	14658	0.92	cps

LB Number :	LB104299	Operator :	Jaswal
Lab Sample ID :	S1	Instrumnet Name :	P7
Client Sample ID :	S1	Dilution Factor :	1
Date & Time Acquired ::	2019-07-29 11:39:57	DataFile Name :	004CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	230	280	290	267	12.05	cps
Molybdenum	94-1	2942	3009	3009	2987	1.29	cps
Molybdenum	95-1	3401	3242	3526	3389	4.19	cps
Molybdenum	96-1	3767	3784	3892	3815	1.78	cps
Molybdenum	97-1	2050	2092	2350	2164	7.51	cps
Molybdenum	98-1	5310	5160	5535	5335	3.54	cps
Neodymium	150-1	7	0	0	2	173.21	cps
Neodymium	150-2	10	3	13	9	57.30	cps
Nickel	60-2	170	207	217	198	12.42	cps
Phosphorus	31-2	Rejected	Rejected	Rejected			cps
Potassium	39-2	29205	29322	30917	29814	3.21	cps
Rhodium	103-1	9505110	9481414	9348074	9444866	0.90	cps
Rhodium	103-2	4526307	4486502	4570861	4527890	0.93	cps
Scandium	45-1	5747016	5764387	5688064	5733156	0.70	cps
Scandium	45-2	261604	263506	267422	264177	1.12	cps
Selenium	77-2	Rejected	Rejected	Rejected			cps
Selenium	78-2	Rejected	Rejected	Rejected			cps
Selenium	82-1	65	187	208	153	50.12	cps
Silicon	28-1	Rejected	Rejected	Rejected			cps
Silver	109-1	1767	1817	1717	1767	2.83	cps
Silver	107-1	1850	1967	2059	1959	5.33	cps
Sodium	23-2	38116	38893	39620	38876	1.93	cps
Strontium	86-1	Rejected	Rejected	Rejected			cps
Strontium	88-1	3717	3626	3826	3723	2.69	cps
Sulfur	34-1	Rejected	Rejected	Rejected			cps
Terbium	159-1	13591449	13522671	13375914	13496678	0.82	cps
Terbium	159-2	6658267	6651729	6744723	6684906	0.78	cps
Thallium	203-1	1975	2267	2217	2153	7.25	cps
Thallium	205-1	4184	4218	4726	4376	6.94	cps
Thorium	232-1	6546	6346	6068	6320	3.80	cps
Tin	118-1	6835	6452	6960	6749	3.93	cps
Titanium	47-1	1075	917	975	989	8.10	cps
Uranium	238-1	7786	7277	7578	7547	3.39	cps
Vanadium	51-2	1530	1603	1503	1546	3.35	cps
Yttrium	89-1	10390973	10395398	10241555	10342642	0.85	cps
Yttrium	89-2	1508830	1493376	1523395	1508534	1.00	cps

LB Number :	LB104299	Operator :	Jaswal
Lab Sample ID :	S1	Instrumnet Name :	P7
Client Sample ID :	S1	Dilution Factor :	1
Date & Time Acquired ::	2019-07-29 11:39:57	DataFile Name :	004CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zinc	66-2	Rejected	Rejected	Rejected			cps
Zirconium	90-1	2734	2842	2517	2698	6.14	cps
Zirconium	91-1	617	558	608	594	5.31	cps

LB Number :	LB104299	Operator :	Jaswal
Lab Sample ID :	S2	Instrumnet Name :	P7
Client Sample ID :	S2	Dilution Factor :	1
Date & Time Acquired ::	2019-07-29 11:44:43	DataFile Name :	005CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	2259	2009	2309	2192	7.33	cps
Antimony	121-1	23362	23187	23070	23206	0.63	cps
Arsenic	75-1	2741	2020	1556	2106	28.36	cps
Barium	135-1	31102	30718	30601	30807	0.85	cps
Barium	137-1	53839	53922	54190	53983	0.34	cps
Beryllium	9-1	2554	2467	2410	2477	2.91	cps
Bismuth	209-1	9667490	9344402	9277043	9429645	2.21	cps
Bismuth	209-2	5171695	5246585	5249637	5222639	0.85	cps
Boron	11-1	40564	41901	41266	41244	1.62	cps
Boron	10-1	8886	8995	8745	8875	1.41	cps
Cadmium	106-1	4718	4618	4217	4518	5.86	cps
Cadmium	108-1	225	196	208	210	6.98	cps
Cadmium	111-1	6633	6533	6328	6498	2.39	cps
Calcium	43-1	17119	17010	17428	17186	1.26	cps
Calcium	44-1	285132	282763	282951	283615	0.46	cps
Chromium	52-2	7622	7519	7565	7569	0.68	cps
Cobalt	59-2	5638	5511	5771	5640	2.31	cps
Copper	63-2	8980	9323	8633	8978	3.85	cps
Dysprosium	156-1	33	42	25	33	25.00	cps
Dysprosium	156-2	7	23	30	20	60.08	cps
Erbium	164-2	47	87	63	66	30.65	cps
Erbium	164-1	67	133	75	92	39.63	cps
Gadolinium	160-1	125	100	125	117	12.38	cps
Gadolinium	160-2	187	233	197	206	11.95	cps
Holmium	165-1	14315447	13794058	13809800	13973102	2.12	cps
Holmium	165-2	6904016	6934905	6964703	6934541	0.44	cps
Indium	115-1	11494756	11266236	11091256	11284083	1.79	cps
Indium	115-2	2155919	2191746	2206420	2184695	1.19	cps
Iron	56-2	159401	160213	160124	159913	0.28	cps
Iron	57-2	4401	4062	4112	4191	4.37	cps
Krypton	83-1	343	337	410	363	11.16	cps
Lead	206-1	11339	11355	11172	11288	0.90	cps
Lead	207-1	10293	10327	10087	10236	1.27	cps
Lead	208-1	44808	45276	45365	45149	0.66	cps
Lithium	6-1	2901165	2848908	2828785	2859620	1.31	cps
Magnesium	24-2	134077	130540	136062	133560	2.09	cps

LB Number :	LB104299	Operator :	Jaswal
Lab Sample ID :	S2	Instrumnet Name :	P7
Client Sample ID :	S2	Dilution Factor :	1
Date & Time Acquired ::	2019-07-29 11:44:43	DataFile Name :	005CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	2150	2177	2270	2199	2.87	cps
Molybdenum	94-1	25165	25090	23645	24633	3.48	cps
Molybdenum	95-1	30742	30550	29640	30311	1.94	cps
Molybdenum	96-1	34810	33716	33507	34011	2.06	cps
Molybdenum	97-1	19681	18588	18905	19058	2.95	cps
Molybdenum	98-1	50131	47630	49629	49130	2.69	cps
Neodymium	150-1	13	13	7	11	34.61	cps
Neodymium	150-2	20	7	10	12	56.76	cps
Nickel	60-2	1507	1707	1803	1672	9.05	cps
Phosphorus	31-2	400	408	358	389	6.89	cps
Potassium	39-2	141241	141595	140442	141093	0.42	cps
Rhodium	103-1	10162549	9792965	9724839	9893451	2.38	cps
Rhodium	103-2	4515406	4603615	4641637	4586886	1.41	cps
Scandium	45-1	6048400	5981629	5923916	5984648	1.04	cps
Scandium	45-2	264596	267782	267557	266645	0.67	cps
Selenium	77-2	70	30	40	47	44.61	cps
Selenium	78-2	294	283	274	284	3.59	cps
Selenium	82-1	1412	1292	1302	1336	5.00	cps
Silicon	28-1	210850	211483	210857	211063	0.17	cps
Silver	109-1	16385	16510	17011	16635	1.99	cps
Silver	107-1	17512	17161	16335	17003	3.55	cps
Sodium	23-2	260727	258194	255382	258101	1.04	cps
Strontium	86-1	4518	4476	4526	4506	0.59	cps
Strontium	88-1	34200	33615	34752	34189	1.66	cps
Sulfur	34-1	282368	280921	282013	281768	0.27	cps
Terbium	159-1	14418547	14071160	14020042	14169916	1.53	cps
Terbium	159-2	6750683	6783394	6870913	6801664	0.91	cps
Thallium	203-1	13274	13491	14267	13677	3.82	cps
Thallium	205-1	31706	31422	31689	31605	0.50	cps
Thorium	232-1	42308	42024	42213	42181	0.34	cps
Tin	118-1	53913	55026	55310	54749	1.35	cps
Titanium	47-1	7627	8086	8628	8114	6.17	cps
Uranium	238-1	44235	44828	45606	44889	1.53	cps
Vanadium	51-2	14337	14210	14200	14249	0.54	cps
Yttrium	89-1	11089238	10819776	10715932	10874982	1.77	cps
Yttrium	89-2	1513431	1524982	1534814	1524409	0.70	cps

LB Number :	LB104299	Operator :	Jaswal
Lab Sample ID :	S2	Instrumnet Name :	P7
Client Sample ID :	S2	Dilution Factor :	1
Date & Time Acquired ::	2019-07-29 11:44:43	DataFile Name :	005CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zinc	66-2	2057	2064	2360	2160	8.02	cps
Zirconium	90-1	19222	19347	19239	19269	0.35	cps
Zirconium	91-1	4459	4218	4076	4251	4.56	cps

LB Number : LB104299 Operator : Jaswal
 Lab Sample ID : S3 Instrumnet Name : P7
 Client Sample ID : S3 Dilution Factor : 1
 Date & Time Acquired :: 2019-07-29 11:48:39 DataFile Name : 006CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	112631	114453	112143	113076	1.08	cps
Antimony	121-1	610513	601656	611481	607884	0.89	cps
Arsenic	75-1	128696	124081	129361	127380	2.26	cps
Barium	135-1	786195	780246	781776	782739	0.39	cps
Barium	137-1	1382550	1360523	1364112	1369062	0.86	cps
Beryllium	9-1	118615	117668	116284	117522	1.00	cps
Bismuth	209-1	9128858	9103165	9139430	9123818	0.20	cps
Bismuth	209-2	5130091	5146621	5182241	5152984	0.52	cps
Boron	11-1	83421	80606	82173	82067	1.72	cps
Boron	10-1	17986	17644	17928	17853	1.02	cps
Cadmium	106-1	22861	22944	23245	23017	0.88	cps
Cadmium	108-1	13874	13507	13415	13598	1.79	cps
Cadmium	111-1	183691	183268	180849	182603	0.84	cps
Calcium	43-1	172975	172838	175640	173818	0.91	cps
Calcium	44-1	2826198	2799364	2789416	2804993	0.68	cps
Chromium	52-2	167684	167782	169352	168273	0.56	cps
Cobalt	59-2	282163	281980	284303	282815	0.46	cps
Copper	63-2	412008	408044	410611	410221	0.49	cps
Dysprosium	156-1	58	50	17	42	52.91	cps
Dysprosium	156-2	40	33	17	30	40.05	cps
Erbium	164-2	40	60	103	68	47.77	cps
Erbium	164-1	117	133	58	103	38.31	cps
Gadolinium	160-1	83	100	192	125	46.67	cps
Gadolinium	160-2	237	203	217	219	7.66	cps
Holmium	165-1	13606132	13609017	13546292	13587147	0.26	cps
Holmium	165-2	6801131	6797784	6808481	6802465	0.08	cps
Indium	115-1	10840000	10676191	10705885	10740692	0.81	cps
Indium	115-2	2078907	2093706	2108459	2093691	0.71	cps
Iron	56-2	7372374	7345121	7363830	7360442	0.19	cps
Iron	57-2	182638	184112	181879	182876	0.62	cps
Krypton	83-1	307	350	293	317	9.36	cps
Lead	206-1	546718	543142	541938	543932	0.46	cps
Lead	207-1	482916	486769	479787	483157	0.72	cps
Lead	208-1	2204491	2212135	2187259	2201295	0.58	cps
Lithium	6-1	2722177	2681380	2700813	2701457	0.76	cps
Magnesium	24-2	1276772	1280319	1286747	1281280	0.39	cps

LB Number :	LB104299	Operator :	Jaswal
Lab Sample ID :	S3	Instrumnet Name :	P7
Client Sample ID :	S3	Dilution Factor :	1
Date & Time Acquired ::	2019-07-29 11:48:39	DataFile Name :	006CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	208938	210875	209603	209805	0.47	cps
Molybdenum	94-1	1267583	1250386	1254485	1257485	0.71	cps
Molybdenum	95-1	1586290	1569748	1564360	1573466	0.73	cps
Molybdenum	96-1	1744301	1735030	1732279	1737203	0.36	cps
Molybdenum	97-1	985256	979324	979688	981423	0.34	cps
Molybdenum	98-1	2537755	2513617	2515437	2522270	0.53	cps
Neodymium	150-1	87	60	67	71	19.52	cps
Neodymium	150-2	23	17	30	23	28.56	cps
Nickel	60-2	74645	75228	75419	75098	0.54	cps
Phosphorus	31-2	6018	6160	5818	5999	2.86	cps
Potassium	39-2	626127	622396	623235	623919	0.31	cps
Rhodium	103-1	9409761	9292702	9344422	9348962	0.63	cps
Rhodium	103-2	4381997	4386647	4394859	4387834	0.15	cps
Scandium	45-1	5729206	5657458	5683470	5690045	0.64	cps
Scandium	45-2	251678	250033	252402	251371	0.48	cps
Selenium	77-2	503	557	543	534	5.19	cps
Selenium	78-2	1945	1906	1915	1922	1.06	cps
Selenium	82-1	12513	12509	12586	12536	0.35	cps
Silicon	28-1	517541	513468	511070	514026	0.64	cps
Silver	109-1	803311	803034	794543	800296	0.62	cps
Silver	107-1	848040	833183	834326	838516	0.99	cps
Sodium	23-2	2415181	2395849	2415398	2408809	0.47	cps
Strontium	86-1	200238	196021	198780	198346	1.08	cps
Strontium	88-1	1726075	1714621	1709332	1716676	0.50	cps
Sulfur	34-1	339624	337862	335945	337810	0.54	cps
Terbium	159-1	13802619	13675428	13697693	13725247	0.49	cps
Terbium	159-2	6597605	6652538	6659546	6636563	0.51	cps
Thallium	203-1	675761	673213	681105	676693	0.60	cps
Thallium	205-1	1610109	1595348	1601759	1602405	0.46	cps
Thorium	232-1	2302779	2284809	2284376	2290655	0.46	cps
Tin	118-1	547345	542420	544865	544876	0.45	cps
Titanium	47-1	379315	375004	372096	375472	0.97	cps
Uranium	238-1	2278593	2239282	2263826	2260567	0.88	cps
Vanadium	51-2	133245	133914	132394	133184	0.57	cps
Yttrium	89-1	10383781	10278524	10298059	10320122	0.54	cps
Yttrium	89-2	1448175	1457522	1458705	1454801	0.40	cps

LB Number :	LB104299	Operator :	Jaswal
Lab Sample ID :	S3	Instrumnet Name :	P7
Client Sample ID :	S3	Dilution Factor :	1
Date & Time Acquired ::	2019-07-29 11:48:39	DataFile Name :	006CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zinc	66-2	64549	63725	64505	64260	0.72	cps
Zirconium	90-1	1014360	996908	1006559	1005942	0.87	cps
Zirconium	91-1	225515	220659	226115	224096	1.34	cps

LB Number : LB104299 Operator : Jaswal
 Lab Sample ID : S4 Instrumnet Name : P7
 Client Sample ID : S4 Dilution Factor : 1
 Date & Time Acquired :: 2019-07-29 11:52:48 DataFile Name : 007CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	256353	255445	255876	255891	0.18	cps
Antimony	121-1	1478748	1460736	1462255	1467247	0.68	cps
Arsenic	75-1	303660	296047	302224	300644	1.35	cps
Barium	135-1	1910799	1903148	1898670	1904206	0.32	cps
Barium	137-1	3338748	3304907	3316436	3320031	0.52	cps
Beryllium	9-1	275802	270776	269061	271879	1.29	cps
Bismuth	209-1	9123377	9158987	9180196	9154187	0.31	cps
Bismuth	209-2	5043944	5037170	5094047	5058387	0.61	cps
Boron	11-1	183543	185357	187289	185396	1.01	cps
Boron	10-1	42226	40338	40238	40934	2.74	cps
Cadmium	106-1	49304	49061	48944	49103	0.37	cps
Cadmium	108-1	32258	32158	31919	32112	0.54	cps
Cadmium	111-1	436823	431263	435754	434614	0.68	cps
Calcium	43-1	402236	399643	396911	399597	0.67	cps
Calcium	44-1	6597411	6497628	6431686	6508909	1.28	cps
Chromium	52-2	381825	379024	379212	380020	0.41	cps
Cobalt	59-2	641815	640882	636078	639592	0.48	cps
Copper	63-2	919827	919915	920136	919959	0.02	cps
Dysprosium	156-1	50	33	42	42	20.00	cps
Dysprosium	156-2	33	53	57	48	26.42	cps
Erbium	164-2	80	80	87	82	4.68	cps
Erbium	164-1	67	83	50	67	25.00	cps
Gadolinium	160-1	108	133	175	139	24.25	cps
Gadolinium	160-2	273	227	233	244	10.33	cps
Holmium	165-1	13620789	13442378	13676787	13579985	0.90	cps
Holmium	165-2	6696678	6704788	6710643	6704036	0.10	cps
Indium	115-1	10426673	10320298	10389508	10378826	0.52	cps
Indium	115-2	1972622	1985926	1989336	1982628	0.45	cps
Iron	56-2	16815381	16766363	16713822	16765189	0.30	cps
Iron	57-2	417514	415668	412250	415144	0.64	cps
Krypton	83-1	303	320	347	323	6.76	cps
Lead	206-1	1373066	1365293	1378473	1372277	0.48	cps
Lead	207-1	1222233	1205194	1221126	1216184	0.78	cps
Lead	208-1	5532197	5476525	5515845	5508189	0.52	cps
Lithium	6-1	2562891	2520764	2511664	2531773	1.08	cps
Magnesium	24-2	2895946	2904279	2918903	2906376	0.40	cps

LB Number :	LB104299	Operator :	Jaswal
Lab Sample ID :	S4	Instrumnet Name :	P7
Client Sample ID :	S4	Dilution Factor :	1
Date & Time Acquired ::	2019-07-29 11:52:48	DataFile Name :	007CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	478365	474040	470290	474231	0.85	cps
Molybdenum	94-1	2991907	2966044	2978434	2978795	0.43	cps
Molybdenum	95-1	3748430	3724997	3699286	3724238	0.66	cps
Molybdenum	96-1	4141886	4085461	4113549	4113632	0.69	cps
Molybdenum	97-1	2355196	2312809	2340297	2336101	0.92	cps
Molybdenum	98-1	6064837	5954243	6009575	6009551	0.92	cps
Neodymium	150-1	120	133	100	118	14.25	cps
Neodymium	150-2	13	23	23	20	28.87	cps
Nickel	60-2	168988	168738	168002	168576	0.30	cps
Phosphorus	31-2	13315	13282	13382	13326	0.38	cps
Potassium	39-2	1386600	1388799	1375763	1383721	0.50	cps
Rhodium	103-1	8970469	8827943	8893497	8897303	0.80	cps
Rhodium	103-2	4088844	4129700	4130265	4116270	0.58	cps
Scandium	45-1	5396669	5311163	5288430	5332087	1.07	cps
Scandium	45-2	231551	230992	232850	231797	0.41	cps
Selenium	77-2	1213	1217	1330	1253	5.30	cps
Selenium	78-2	4432	4128	4373	4311	3.74	cps
Selenium	82-1	30158	29695	29297	29717	1.45	cps
Silicon	28-1	968893	964125	957514	963511	0.59	cps
Silver	109-1	1914652	1884924	1875345	1891640	1.08	cps
Silver	107-1	1985918	1982260	1987585	1985254	0.14	cps
Sodium	23-2	5510331	5480475	5467929	5486245	0.40	cps
Strontium	86-1	475664	473817	471448	473643	0.45	cps
Strontium	88-1	4100044	4065195	4055878	4073706	0.57	cps
Sulfur	34-1	389118	382108	376530	382585	1.65	cps
Terbium	159-1	13779558	13521386	13810711	13703885	1.16	cps
Terbium	159-2	6525153	6515807	6552151	6531037	0.29	cps
Thallium	203-1	1674138	1666612	1686180	1675644	0.59	cps
Thallium	205-1	3973819	3986561	4039964	4000115	0.88	cps
Thorium	232-1	5814285	5836790	5855256	5835444	0.35	cps
Tin	118-1	1313265	1313876	1305494	1310878	0.36	cps
Titanium	47-1	875334	871142	861648	869374	0.81	cps
Uranium	238-1	5795934	5708040	5802600	5768858	0.91	cps
Vanadium	51-2	302300	301209	300893	301467	0.24	cps
Yttrium	89-1	10040781	9849876	9924425	9938361	0.97	cps
Yttrium	89-2	1370525	1363482	1378166	1370724	0.54	cps

LB Number :	LB104299	Operator :	Jaswal
Lab Sample ID :	S4	Instrumnet Name :	P7
Client Sample ID :	S4	Dilution Factor :	1
Date & Time Acquired ::	2019-07-29 11:52:48	DataFile Name :	007CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zinc	66-2	146496	145749	146721	146322	0.35	cps
Zirconium	90-1	2402586	2394200	2370987	2389257	0.69	cps
Zirconium	91-1	538114	531119	534659	534630	0.65	cps

LB Number :	LB104299	Operator :	Jaswal
Lab Sample ID :	S5	Instrumnet Name :	P7
Client Sample ID :	S5	Dilution Factor :	1
Date & Time Acquired ::	2019-07-29 11:56:38	DataFile Name :	008CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	494597	489084	481251	488310	1.37	cps
Antimony	121-1	2828145	2818356	2845140	2830547	0.48	cps
Arsenic	75-1	552374	550706	556749	553276	0.56	cps
Barium	135-1	3671720	3682563	3726175	3693486	0.78	cps
Barium	137-1	6533672	6465954	6547104	6515577	0.67	cps
Beryllium	9-1	494023	488617	492050	491563	0.56	cps
Bismuth	209-1	9254283	9229038	9281587	9254969	0.28	cps
Bismuth	209-2	5010092	5013425	5018684	5014067	0.09	cps
Boron	11-1	338078	337830	342305	339404	0.74	cps
Boron	10-1	75396	74994	74291	74894	0.75	cps
Cadmium	106-1	89398	89767	88014	89060	1.04	cps
Cadmium	108-1	60918	59960	59847	60241	0.98	cps
Cadmium	111-1	820416	816605	821208	819410	0.30	cps
Calcium	43-1	729520	719542	727417	725493	0.73	cps
Calcium	44-1	11933658	11824589	11917753	11892000	0.50	cps
Chromium	52-2	728814	725712	716637	723721	0.87	cps
Cobalt	59-2	1212030	1217431	1209448	1212970	0.34	cps
Copper	63-2	1737893	1739242	1729919	1735684	0.29	cps
Dysprosium	156-1	33	83	92	69	45.44	cps
Dysprosium	156-2	77	93	80	83	10.59	cps
Erbium	164-2	63	67	67	66	2.94	cps
Erbium	164-1	58	117	108	94	33.40	cps
Gadolinium	160-1	92	183	100	125	40.55	cps
Gadolinium	160-2	213	220	210	214	2.37	cps
Holmium	165-1	13641797	13481803	13677141	13600247	0.77	cps
Holmium	165-2	6768688	6743273	6708457	6740139	0.45	cps
Indium	115-1	9971791	9852394	9969690	9931292	0.69	cps
Indium	115-2	1911173	1919784	1911990	1914316	0.25	cps
Iron	56-2	32236029	32252365	32263688	32250694	0.04	cps
Iron	57-2	803316	805247	796543	801702	0.57	cps
Krypton	83-1	257	267	293	272	6.96	cps
Lead	206-1	2756031	2762730	2771084	2763281	0.27	cps
Lead	207-1	2433667	2446802	2446532	2442334	0.31	cps
Lead	208-1	11056552	11082808	11249046	11129469	0.94	cps
Lithium	6-1	2318833	2291325	2300562	2303573	0.61	cps
Magnesium	24-2	5637194	5624873	5573030	5611699	0.61	cps

LB Number :	LB104299	Operator :	Jaswal
Lab Sample ID :	S5	Instrumnet Name :	P7
Client Sample ID :	S5	Dilution Factor :	1
Date & Time Acquired ::	2019-07-29 11:56:38	DataFile Name :	008CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	917161	914124	908487	913257	0.48	cps
Molybdenum	94-1	5669238	5657763	5690976	5672659	0.30	cps
Molybdenum	95-1	7112253	7079038	7105508	7098933	0.25	cps
Molybdenum	96-1	7880820	7832368	7873346	7862178	0.33	cps
Molybdenum	97-1	4398080	4373461	4349118	4373553	0.56	cps
Molybdenum	98-1	11475366	11411677	11384389	11423811	0.41	cps
Neodymium	150-1	240	300	240	260	13.32	cps
Neodymium	150-2	40	23	30	31	26.97	cps
Nickel	60-2	315165	321589	315990	317581	1.10	cps
Phosphorus	31-2	26725	26048	25715	26163	1.97	cps
Potassium	39-2	2616660	2616948	2598396	2610668	0.41	cps
Rhodium	103-1	8398484	8342115	8343986	8361528	0.38	cps
Rhodium	103-2	3954630	3970826	3936767	3954074	0.43	cps
Scandium	45-1	4879878	4855311	4868580	4867923	0.25	cps
Scandium	45-2	221709	223007	220698	221805	0.52	cps
Selenium	77-2	2417	2537	2494	2482	2.45	cps
Selenium	78-2	8139	8401	8262	8267	1.58	cps
Selenium	82-1	56045	55182	54756	55328	1.19	cps
Silicon	28-1	1610786	1601890	1604797	1605824	0.28	cps
Silver	109-1	3562873	3523063	3524179	3536705	0.64	cps
Silver	107-1	3714995	3677514	3694591	3695700	0.51	cps
Sodium	23-2	10561102	10565095	10461350	10529182	0.56	cps
Strontium	86-1	891618	890827	882272	888239	0.58	cps
Strontium	88-1	7835647	7738440	7827460	7800516	0.69	cps
Sulfur	34-1	463921	455297	459240	459486	0.94	cps
Terbium	159-1	13765345	13646169	13728397	13713304	0.44	cps
Terbium	159-2	6507967	6536651	6539211	6527943	0.27	cps
Thallium	203-1	3400173	3381395	3383789	3388452	0.30	cps
Thallium	205-1	8213123	8155560	8230955	8199879	0.48	cps
Thorium	232-1	12109509	12106744	12228863	12148372	0.57	cps
Tin	118-1	2518907	2511817	2525851	2518858	0.28	cps
Titanium	47-1	1575237	1568517	1578120	1573958	0.31	cps
Uranium	238-1	11916496	11929838	12014244	11953526	0.44	cps
Vanadium	51-2	578740	575976	574176	576297	0.40	cps
Yttrium	89-1	9477435	9356832	9397100	9410456	0.65	cps
Yttrium	89-2	1326127	1326596	1318024	1323582	0.36	cps

LB Number :	LB104299	Operator :	Jaswal
Lab Sample ID :	S5	Instrumnet Name :	P7
Client Sample ID :	S5	Dilution Factor :	1
Date & Time Acquired ::	2019-07-29 11:56:38	DataFile Name :	008CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zinc	66-2	278645	281190	277950	279262	0.61	cps
Zirconium	90-1	4500858	4499452	4489494	4496601	0.14	cps
Zirconium	91-1	1017860	1004125	1013769	1011918	0.70	cps

LB Number : LB104299 Operator : Jaswal
 Lab Sample ID : S6 Instrumnet Name : P7
 Client Sample ID : S6 Dilution Factor : 1
 Date & Time Acquired :: 2019-07-29 12:00:27 DataFile Name : 009CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	938223	947444	950833	945500	0.69	cps
Antimony	121-1	5652478	5680266	5688159	5673635	0.33	cps
Arsenic	75-1	1077350	1086619	1072664	1078878	0.66	cps
Barium	135-1	7337321	7390547	7390214	7372694	0.42	cps
Barium	137-1	12886997	12867863	12883966	12879609	0.08	cps
Beryllium	9-1	935723	940769	946107	940867	0.55	cps
Bismuth	209-1	9138257	9096202	9181751	9138736	0.47	cps
Bismuth	209-2	4908866	4937286	4959422	4935191	0.51	cps
Boron	11-1	638613	654838	661587	651679	1.81	cps
Boron	10-1	140388	145233	146798	144140	2.32	cps
Cadmium	106-1	171755	169443	169964	170387	0.71	cps
Cadmium	108-1	116003	116881	116163	116349	0.40	cps
Cadmium	111-1	1579708	1591760	1599063	1590177	0.61	cps
Calcium	43-1	1417042	1422751	1426283	1422025	0.33	cps
Calcium	44-1	23183729	23330173	23389534	23301146	0.45	cps
Chromium	52-2	1402831	1402725	1400555	1402037	0.09	cps
Cobalt	59-2	2338992	2328350	2344106	2337149	0.34	cps
Copper	63-2	3311102	3336552	3336228	3327961	0.44	cps
Dysprosium	156-1	175	192	108	158	27.85	cps
Dysprosium	156-2	157	157	143	152	5.06	cps
Erbium	164-2	73	57	93	74	24.66	cps
Erbium	164-1	75	75	108	86	22.35	cps
Gadolinium	160-1	183	142	142	156	15.46	cps
Gadolinium	160-2	247	207	187	213	14.32	cps
Holmium	165-1	13634197	13567440	13753565	13651734	0.69	cps
Holmium	165-2	6689674	6682714	6699695	6690694	0.13	cps
Indium	115-1	9743648	9791275	9892316	9809080	0.77	cps
Indium	115-2	1869859	1884566	1873959	1876128	0.40	cps
Iron	56-2	62700388	62778104	62862096	62780196	0.13	cps
Iron	57-2	1548997	1549528	1558810	1552445	0.36	cps
Krypton	83-1	250	307	300	286	10.85	cps
Lead	206-1	5319188	5400816	5430322	5383442	1.07	cps
Lead	207-1	4695131	4809386	4789152	4764556	1.28	cps
Lead	208-1	21710567	22092479	22018180	21940409	0.92	cps
Lithium	6-1	2260124	2246765	2270896	2259262	0.54	cps
Magnesium	24-2	10855121	10913930	10945732	10904928	0.42	cps

LB Number :	LB104299	Operator :	Jaswal
Lab Sample ID :	S6	Instrumnet Name :	P7
Client Sample ID :	S6	Dilution Factor :	1
Date & Time Acquired ::	2019-07-29 12:00:27	DataFile Name :	009CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	1763546	1777314	1779995	1773618	0.50	cps
Molybdenum	94-1	11056014	11167886	11226974	11150291	0.78	cps
Molybdenum	95-1	13797946	14008427	13933857	13913410	0.77	cps
Molybdenum	96-1	15336357	15479183	15548178	15454573	0.70	cps
Molybdenum	97-1	8690007	8750681	8815552	8752080	0.72	cps
Molybdenum	98-1	22429793	22577724	22583458	22530325	0.39	cps
Neodymium	150-1	500	500	527	509	3.03	cps
Neodymium	150-2	43	60	67	57	21.21	cps
Nickel	60-2	610144	614794	612102	612347	0.38	cps
Phosphorus	31-2	51297	50721	50478	50832	0.83	cps
Potassium	39-2	5110031	5095921	5090819	5098924	0.20	cps
Rhodium	103-1	8176368	8155667	8230328	8187454	0.47	cps
Rhodium	103-2	3850669	3866168	3867515	3861451	0.24	cps
Scandium	45-1	4819886	4834704	4843456	4832682	0.25	cps
Scandium	45-2	218053	221135	219772	219653	0.70	cps
Selenium	77-2	4708	4878	4698	4761	2.13	cps
Selenium	78-2	16087	16103	16176	16122	0.29	cps
Selenium	82-1	107176	108549	108572	108099	0.74	cps
Silicon	28-1	3237496	3263976	3296392	3265955	0.90	cps
Silver	109-1	6954451	6999229	7037382	6997021	0.59	cps
Silver	107-1	7279968	7344540	7355747	7326752	0.56	cps
Sodium	23-2	20566527	20481410	20573900	20540612	0.25	cps
Strontium	86-1	1725492	1729513	1751049	1735351	0.79	cps
Strontium	88-1	15188806	15420238	15425468	15344837	0.88	cps
Sulfur	34-1	681230	679133	676400	678921	0.36	cps
Terbium	159-1	13682145	13603245	13881391	13722260	1.04	cps
Terbium	159-2	6467759	6474621	6520823	6487734	0.44	cps
Thallium	203-1	6738248	6774274	6852312	6788278	0.86	cps
Thallium	205-1	15926739	16147367	16288084	16120730	1.13	cps
Thorium	232-1	23856673	24319849	24431125	24202549	1.26	cps
Tin	118-1	4851660	4912645	4922410	4895572	0.78	cps
Titanium	47-1	3054566	3072033	3096439	3074346	0.68	cps
Uranium	238-1	23779443	23896014	24025188	23900215	0.51	cps
Vanadium	51-2	1123706	1130690	1122221	1125539	0.40	cps
Yttrium	89-1	9308509	9296346	9324112	9309656	0.15	cps
Yttrium	89-2	1303918	1308334	1314155	1308802	0.39	cps

LB Number :	LB104299	Operator :	Jaswal
Lab Sample ID :	S6	Instrumnet Name :	P7
Client Sample ID :	S6	Dilution Factor :	1
Date & Time Acquired ::	2019-07-29 12:00:27	DataFile Name :	009CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zinc	66-2	539981	539230	539503	539571	0.07	cps
Zirconium	90-1	8948056	9015494	9005098	8989549	0.40	cps
Zirconium	91-1	1961196	1971405	1989432	1974011	0.72	cps

LB Number :	LB104299	Operator :	Jaswal
Lab Sample ID :	S7	Instrumnet Name :	P7
Client Sample ID :	S7	Dilution Factor :	1
Date & Time Acquired ::	2019-07-29 12:04:12	DataFile Name :	010CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	2002702	2012694	2001645	2005680	0.30	cps
Antimony	121-1	11783114	11870976	11823025	11825705	0.37	cps
Arsenic	75-1	2217898	2234627	2247846	2233457	0.67	cps
Barium	135-1	15369552	15471535	15496240	15445776	0.43	cps
Barium	137-1	26873601	26984351	27179350	27012434	0.57	cps
Beryllium	9-1	1920677	1914860	1914933	1916823	0.17	cps
Bismuth	209-1	8955036	8937817	9094502	8995785	0.96	cps
Bismuth	209-2	4861240	4918771	4867189	4882400	0.65	cps
Boron	11-1	1353238	1352025	1371354	1358872	0.80	cps
Boron	10-1	298893	299603	304135	300877	0.95	cps
Cadmium	106-1	360767	363055	365730	363184	0.68	cps
Cadmium	108-1	250056	250384	251464	250635	0.29	cps
Cadmium	111-1	3415002	3419040	3407620	3413888	0.17	cps
Calcium	43-1	2988506	2977338	2989898	2985247	0.23	cps
Calcium	44-1	49069710	49541983	49376612	49329435	0.49	cps
Chromium	52-2	2946921	2944752	2940624	2944099	0.11	cps
Cobalt	59-2	4941826	4942415	4848058	4910766	1.11	cps
Copper	63-2	7464131	7468040	7448961	7460377	0.14	cps
Dysprosium	156-1	217	158	200	192	15.68	cps
Dysprosium	156-2	250	327	237	271	17.92	cps
Erbium	164-2	83	53	93	77	27.16	cps
Erbium	164-1	117	50	92	86	39.11	cps
Gadolinium	160-1	208	100	183	164	34.61	cps
Gadolinium	160-2	253	193	207	218	14.47	cps
Holmium	165-1	13806366	13645030	13887266	13779554	0.89	cps
Holmium	165-2	6822843	6797926	6794124	6804965	0.23	cps
Indium	115-1	9716399	9681451	9709643	9702498	0.19	cps
Indium	115-2	1862497	1866401	1868338	1865745	0.16	cps
Iron	56-2	131911153	131686759	131376017	131657976	0.20	cps
Iron	57-2	3231534	3246775	3228423	3235577	0.30	cps
Krypton	83-1	263	330	313	302	11.48	cps
Lead	206-1	11501271	11430016	11488978	11473422	0.33	cps
Lead	207-1	10091730	10051753	10178514	10107332	0.64	cps
Lead	208-1	45695533	45698426	46054387	45816115	0.45	cps
Lithium	6-1	2258863	2261963	2262118	2260981	0.08	cps
Magnesium	24-2	23126734	23106071	22942589	23058465	0.44	cps

LB Number : LB104299 Operator : Jaswal
 Lab Sample ID : S7 Instrumnet Name : P7
 Client Sample ID : S7 Dilution Factor : 1
 Date & Time Acquired :: 2019-07-29 12:04:12 DataFile Name : 010CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	3691659	3702468	3700775	3698300	0.16	cps
Molybdenum	94-1	23521359	23668056	23586802	23592073	0.31	cps
Molybdenum	95-1	29353509	29470901	29554763	29459724	0.34	cps
Molybdenum	96-1	32519347	32696588	32826324	32680753	0.47	cps
Molybdenum	97-1	18395570	18515579	18547037	18486062	0.43	cps
Molybdenum	98-1	47208066	47499152	47612999	47440072	0.44	cps
Neodymium	150-1	1040	853	987	960	10.02	cps
Neodymium	150-2	113	97	120	110	10.92	cps
Nickel	60-2	1266221	1264225	1261938	1264128	0.17	cps
Phosphorus	31-2	107956	105194	105689	106280	1.39	cps
Potassium	39-2	10843705	10860018	10808236	10837320	0.24	cps
Rhodium	103-1	8060184	8148954	8158578	8122572	0.67	cps
Rhodium	103-2	3872216	3884896	3872106	3876406	0.19	cps
Scandium	45-1	4920358	4967238	4951411	4946336	0.48	cps
Scandium	45-2	226640	228206	225780	226875	0.54	cps
Selenium	77-2	9650	9757	9670	9692	0.59	cps
Selenium	78-2	33086	33168	32642	32965	0.86	cps
Selenium	82-1	217157	216670	218854	217560	0.53	cps
Silicon	28-1	5726871	5747140	5738180	5737397	0.18	cps
Silver	109-1	15025089	15067138	15117433	15069887	0.31	cps
Silver	107-1	15706624	15879341	15895269	15827078	0.66	cps
Sodium	23-2	43804716	43503078	43595892	43634562	0.35	cps
Strontium	86-1	3603691	3619005	3612530	3611742	0.21	cps
Strontium	88-1	32070365	32119332	32343875	32177857	0.45	cps
Sulfur	34-1	1214286	1204565	1217252	1212034	0.55	cps
Terbium	159-1	13836096	13919891	13987149	13914378	0.54	cps
Terbium	159-2	6627032	6642638	6588744	6619472	0.42	cps
Thallium	203-1	13943474	13887282	14165055	13998604	1.05	cps
Thallium	205-1	33397707	33371084	33459488	33409426	0.14	cps
Thorium	232-1	50245021	50543208	50768716	50518982	0.52	cps
Tin	118-1	10583237	10565989	10564696	10571307	0.10	cps
Titanium	47-1	6539979	6610985	6596209	6582391	0.57	cps
Uranium	238-1	49452269	49696227	49612300	49586932	0.25	cps
Vanadium	51-2	2389170	2394767	2374605	2386181	0.44	cps
Yttrium	89-1	9421977	9489378	9539053	9483469	0.62	cps
Yttrium	89-2	1343577	1355190	1349944	1349570	0.43	cps

LB Number :	LB104299	Operator :	Jaswal
Lab Sample ID :	S7	Instrumnet Name :	P7
Client Sample ID :	S7	Dilution Factor :	1
Date & Time Acquired ::	2019-07-29 12:04:12	DataFile Name :	010CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zinc	66-2	1286800	1286281	1290570	1287884	0.18	cps
Zirconium	90-1	19039876	19139999	19175581	19118486	0.37	cps
Zirconium	91-1	4157262	4181608	4138077	4158982	0.52	cps

LB Number :	LB104299	Operator :	Jaswal
Lab Sample ID :	S8	Instrumnet Name :	P7
Client Sample ID :	S8	Dilution Factor :	1
Date & Time Acquired ::	2019-07-29 12:08:00	DataFile Name :	011CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	10485081	10715770	10685766	10628872	1.18	cps
Antimony	121-1	18922	18171	18346	18480	2.13	cps
Arsenic	75-1	2586	2313	2755	2551	8.74	cps
Barium	135-1	3501	3026	2525	3017	16.16	cps
Barium	137-1	6510	5243	4293	5349	20.80	cps
Beryllium	9-1	530	453	370	451	17.74	cps
Bismuth	209-1	7631167	7599006	7599732	7609968	0.24	cps
Bismuth	209-2	4149971	4192820	4156071	4166287	0.56	cps
Boron	11-1	75858	69259	68346	71155	5.76	cps
Boron	10-1	16827	15275	14733	15611	6.96	cps
Cadmium	106-1	3326	3050	3117	3164	4.53	cps
Cadmium	108-1	75	46	67	63	24.04	cps
Cadmium	111-1	3096	2587	2577	2753	10.79	cps
Calcium	43-1	14937633	15011258	15278250	15075713	1.19	cps
Calcium	44-1	243351230	244145672	249022789	245506564	1.25	cps
Chromium	52-2	45811	47904	47527	47081	2.37	cps
Cobalt	59-2	58359	57991	59303	58551	1.16	cps
Copper	63-2	18208	18522	17818	18183	1.94	cps
Dysprosium	156-1	250	208	142	200	27.32	cps
Dysprosium	156-2	93	70	130	98	30.93	cps
Erbium	164-2	53	63	83	67	22.92	cps
Erbium	164-1	75	142	100	106	31.91	cps
Gadolinium	160-1	142	117	192	150	25.46	cps
Gadolinium	160-2	233	267	273	258	8.31	cps
Holmium	165-1	12827052	12732627	12808378	12789352	0.39	cps
Holmium	165-2	6495051	6520377	6478727	6498052	0.32	cps
Indium	115-1	9130041	9092458	9157273	9126591	0.36	cps
Indium	115-2	1828577	1851635	1840661	1840291	0.63	cps
Iron	56-2	653584415	664414259	662676948	660225207	0.88	cps
Iron	57-2	16052852	16364441	16416356	16277883	1.21	cps
Krypton	83-1	380	327	310	339	10.79	cps
Lead	206-1	10171	9704	9226	9700	4.87	cps
Lead	207-1	8998	8436	7741	8392	7.50	cps
Lead	208-1	40063	37744	35770	37859	5.68	cps
Lithium	6-1	2214969	2223834	2258772	2232525	1.04	cps
Magnesium	24-2	114012573	115755723	116116473	115294923	0.98	cps

LB Number : LB104299 Operator : Jaswal
 Lab Sample ID : S8 Instrumnet Name : P7
 Client Sample ID : S8 Dilution Factor : 1
 Date & Time Acquired :: 2019-07-29 12:08:00 DataFile Name : 011CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	12949	12629	12826	12801	1.26	cps
Molybdenum	94-1	14041	12339	11922	12767	8.79	cps
Molybdenum	95-1	19589	17687	17678	18318	6.01	cps
Molybdenum	96-1	30141	28454	28037	28877	3.86	cps
Molybdenum	97-1	12072	11080	10871	11341	5.66	cps
Molybdenum	98-1	30784	27786	26242	28271	8.17	cps
Neodymium	150-1	247	247	260	251	3.06	cps
Neodymium	150-2	130	100	77	102	26.15	cps
Nickel	60-2	22207	22481	22257	22315	0.65	cps
Phosphorus	31-2	167	150	158	158	5.26	cps
Potassium	39-2	55580164	56785362	56823060	56396195	1.25	cps
Rhodium	103-1	7321584	7329780	7398509	7349958	0.57	cps
Rhodium	103-2	3524698	3544954	3527507	3532386	0.31	cps
Scandium	45-1	4898818	4939040	5048252	4962037	1.56	cps
Scandium	45-2	228748	233173	232911	231611	1.07	cps
Selenium	77-2	0	0	0	0	0.00	cps
Selenium	78-2	70	70	70	70	0.00	cps
Selenium	82-1	161	194	221	192	15.70	cps
Silicon	28-1	246938	248380	251423	248913	0.92	cps
Silver	109-1	2425	1817	1508	1917	24.34	cps
Silver	107-1	2709	1717	1617	2014	29.97	cps
Sodium	23-2	216671497	220422188	220704047	219265910	1.03	cps
Strontium	86-1	15534	15709	15626	15623	0.56	cps
Strontium	88-1	130338	130624	132338	131100	0.83	cps
Sulfur	34-1	193651	196478	208243	199457	3.88	cps
Terbium	159-1	12758475	12709719	12863684	12777293	0.62	cps
Terbium	159-2	6316120	6331367	6304598	6317362	0.21	cps
Thallium	203-1	5143	4776	4017	4645	12.36	cps
Thallium	205-1	11639	10313	8870	10274	13.48	cps
Thorium	232-1	19214	16783	14636	16878	13.57	cps
Tin	118-1	6218	5668	5285	5724	8.20	cps
Titanium	47-1	3142	2867	2259	2756	16.41	cps
Uranium	238-1	11055	9104	6727	8962	24.19	cps
Vanadium	51-2	380	463	377	407	12.07	cps
Yttrium	89-1	9150374	9083388	9237553	9157105	0.84	cps
Yttrium	89-2	1338146	1354849	1349332	1347443	0.63	cps

LB Number :	LB104299	Operator :	Jaswal
Lab Sample ID :	S8	Instrumnet Name :	P7
Client Sample ID :	S8	Dilution Factor :	1
Date & Time Acquired ::	2019-07-29 12:08:00	DataFile Name :	011CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zinc	66-2	11338	11235	11421	11331	0.83	cps
Zirconium	90-1	7702	6810	5518	6677	16.45	cps
Zirconium	91-1	1892	1659	1458	1670	12.99	cps

LB Number :	LB104299	Operator :	Jaswal
Lab Sample ID :	ICV01	Instrumnet Name :	P7
Client Sample ID :	ICV01	Dilution Factor :	1
Date & Time Acquired ::	2019-07-29 12:36:59	DataFile Name :	012ICV01.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	53990	55069	53413	54157	1.55	cps
Antimony	121-1	2406566	2415564	2405526	2409219	0.23	cps
Arsenic	75-1	525856	528689	516803	523783	1.19	cps
Barium	135-1	316608	316580	315022	316070	0.29	cps
Barium	137-1	558170	556497	545199	553289	1.28	cps
Beryllium	9-1	227330	225581	222794	225235	1.02	cps
Bismuth	209-1	9768469	9786970	9698840	9751426	0.48	cps
Bismuth	209-2	5397981	5431266	5414430	5414559	0.31	cps
Boron	11-1	7035	6435	6285	6585	6.03	cps
Boron	10-1	1600	1450	1375	1475	7.77	cps
Cadmium	106-1	34777	34376	34677	34610	0.60	cps
Cadmium	108-1	27402	27226	27064	27231	0.62	cps
Cadmium	111-1	360110	355026	356403	357180	0.74	cps
Calcium	43-1	68149	67906	69380	68478	1.15	cps
Calcium	44-1	1131357	1127179	1109025	1122520	1.06	cps
Chromium	52-2	328814	327851	326114	327593	0.42	cps
Cobalt	59-2	564404	567616	562779	564933	0.44	cps
Copper	63-2	402129	409187	402761	404693	0.97	cps
Dysprosium	156-1	8	25	17	17	50.01	cps
Dysprosium	156-2	23	37	17	26	39.85	cps
Erbium	164-2	107	100	130	112	14.04	cps
Erbium	164-1	125	183	150	153	19.16	cps
Gadolinium	160-1	117	125	125	122	3.94	cps
Gadolinium	160-2	213	220	230	221	3.79	cps
Holmium	165-1	14412201	14576510	14342109	14443607	0.83	cps
Holmium	165-2	7223842	7256490	7210151	7230161	0.33	cps
Indium	115-1	11370386	11393149	11330887	11364807	0.28	cps
Indium	115-2	2200849	2198526	2174985	2191453	0.65	cps
Iron	56-2	2896484	2902510	2875193	2891396	0.50	cps
Iron	57-2	73411	73746	72261	73139	1.06	cps
Krypton	83-1	337	340	320	332	3.23	cps
Lead	206-1	2239831	2223362	2229275	2230823	0.37	cps
Lead	207-1	1949198	1960860	1954807	1954955	0.30	cps
Lead	208-1	8889710	8919057	8882091	8896953	0.22	cps
Lithium	6-1	2773372	2757468	2723125	2751321	0.93	cps
Magnesium	24-2	309606	310377	307410	309131	0.50	cps

LB Number :	LB104299	Operator :	Jaswal
Lab Sample ID :	ICV01	Instrumnet Name :	P7
Client Sample ID :	ICV01	Dilution Factor :	1
Date & Time Acquired ::	2019-07-29 12:36:59	DataFile Name :	012ICV01.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	200643	203293	203016	202317	0.72	cps
Molybdenum	94-1	8881490	8824931	8717901	8808107	0.94	cps
Molybdenum	95-1	15659871	15713663	15475527	15616354	0.80	cps
Molybdenum	96-1	16726527	16832642	16555593	16704921	0.84	cps
Molybdenum	97-1	9849997	9862634	9698232	9803621	0.93	cps
Molybdenum	98-1	25171362	25208414	24954920	25111565	0.55	cps
Neodymium	150-1	47	80	33	53	45.07	cps
Neodymium	150-2	13	20	10	14	35.26	cps
Nickel	60-2	149473	151676	150496	150548	0.73	cps
Phosphorus	31-2	50	108	67	75	40.06	cps
Potassium	39-2	503188	505789	497410	502129	0.85	cps
Rhodium	103-1	9851048	9953839	9779129	9861339	0.89	cps
Rhodium	103-2	4549847	4573831	4541863	4555180	0.37	cps
Scandium	45-1	6045701	6049174	5942607	6012494	1.01	cps
Scandium	45-2	261756	264630	259126	261837	1.05	cps
Selenium	77-2	2170	2264	2177	2204	2.36	cps
Selenium	78-2	7693	7798	7443	7645	2.39	cps
Selenium	82-1	50957	51206	50644	50936	0.55	cps
Silicon	28-1	177271	182396	186540	182069	2.55	cps
Silver	109-1	1500220	1486801	1481740	1489587	0.64	cps
Silver	107-1	1562737	1563009	1551844	1559196	0.41	cps
Sodium	23-2	966326	966101	953215	961881	0.78	cps
Strontium	86-1	9687	9812	9679	9726	0.77	cps
Strontium	88-1	82388	80760	79395	80847	1.85	cps
Sulfur	34-1	264313	256192	248776	256427	3.03	cps
Terbium	159-1	14516748	14777851	14629535	14641378	0.89	cps
Terbium	159-2	7054836	7081925	7060080	7065614	0.20	cps
Thallium	203-1	2773500	2793503	2763315	2776773	0.55	cps
Thallium	205-1	6754679	6757769	6725687	6746045	0.26	cps
Thorium	232-1	4523	4506	4801	4610	3.59	cps
Tin	118-1	1183	1275	1458	1306	10.73	cps
Titanium	47-1	3853058	3849672	3789506	3830745	0.93	cps
Uranium	238-1	3009	3151	2767	2975	6.52	cps
Vanadium	51-2	261914	260404	259404	260574	0.48	cps
Yttrium	89-1	10949544	10983078	10823987	10918870	0.77	cps
Yttrium	89-2	1518811	1530104	1506192	1518369	0.79	cps

LB Number :	LB104299	Operator :	Jaswal
Lab Sample ID :	ICV01	Instrumnet Name :	P7
Client Sample ID :	ICV01	Dilution Factor :	1
Date & Time Acquired ::	2019-07-29 12:36:59	DataFile Name :	012ICV01.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zinc	66-2	143974	144251	142427	143550	0.68	cps
Zirconium	90-1	4759	4084	3642	4162	13.52	cps
Zirconium	91-1	1300	1092	1300	1231	9.78	cps

LB Number : LB104299 Operator : Jaswal
 Lab Sample ID : ICB01 Instrumnet Name : P7
 Client Sample ID : ICB01 Dilution Factor : 1
 Date & Time Acquired :: 2019-07-29 12:55:07 DataFile Name : 013CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	42	25	33	33	25.01	cps
Antimony	121-1	700	708	758	722	4.37	cps
Arsenic	75-1	-377	-392	-315	-361	-11.23	cps
Barium	135-1	42	17	50	36	48.03	cps
Barium	137-1	42	67	83	64	32.83	cps
Beryllium	9-1	77	93	93	88	10.96	cps
Bismuth	209-1	9406707	9509181	9476726	9464205	0.55	cps
Bismuth	209-2	5372429	5355331	5399496	5375752	0.41	cps
Boron	11-1	4309	4368	4284	4320	0.99	cps
Boron	10-1	1067	1042	1000	1036	3.25	cps
Cadmium	106-1	3351	3392	3442	3395	1.35	cps
Cadmium	108-1	8	8	8	8	0.00	cps
Cadmium	111-1	2398	2402	2450	2417	1.19	cps
Calcium	43-1	108	108	167	128	26.36	cps
Calcium	44-1	6644	6077	6635	6452	5.04	cps
Chromium	52-2	657	560	627	614	8.05	cps
Cobalt	59-2	70	67	63	67	5.00	cps
Copper	63-2	917	920	960	932	2.59	cps
Dysprosium	156-1	8	8	8	8	0.00	cps
Dysprosium	156-2	17	33	37	29	37.08	cps
Erbium	164-2	90	87	50	76	29.38	cps
Erbium	164-1	58	75	50	61	20.83	cps
Gadolinium	160-1	158	92	100	117	31.13	cps
Gadolinium	160-2	273	200	263	246	16.20	cps
Holmium	165-1	14012807	14166194	14063575	14080858	0.55	cps
Holmium	165-2	7200406	7225487	7242286	7222726	0.29	cps
Indium	115-1	11331951	11449711	11393662	11391775	0.52	cps
Indium	115-2	2256024	2269526	2249596	2258382	0.45	cps
Iron	56-2	4279	4290	4134	4234	2.05	cps
Iron	57-2	228	256	228	237	6.76	cps
Krypton	83-1	313	347	350	337	6.02	cps
Lead	206-1	1145	1183	1022	1117	7.53	cps
Lead	207-1	1089	1078	1067	1078	1.03	cps
Lead	208-1	4084	4095	3950	4043	1.99	cps
Lithium	6-1	2894691	2919428	2911481	2908533	0.43	cps
Magnesium	24-2	250	267	175	231	21.18	cps

LB Number :	LB104299	Operator :	Jaswal
Lab Sample ID :	ICB01	Instrumnet Name :	P7
Client Sample ID :	ICB01	Dilution Factor :	1
Date & Time Acquired ::	2019-07-29 12:55:07	DataFile Name :	013CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	47	43	70	53	27.24	cps
Molybdenum	94-1	658	483	400	514	25.66	cps
Molybdenum	95-1	408	450	325	394	16.14	cps
Molybdenum	96-1	600	458	333	464	28.76	cps
Molybdenum	97-1	292	242	233	256	12.34	cps
Molybdenum	98-1	617	592	583	597	2.90	cps
Neodymium	150-1	7	27	7	13	86.58	cps
Neodymium	150-2	13	17	17	16	12.40	cps
Nickel	60-2	40	60	30	43	35.25	cps
Phosphorus	31-2	133	125	158	139	12.49	cps
Potassium	39-2	18754	18913	18888	18852	0.45	cps
Rhodium	103-1	9974851	10181041	10098449	10084780	1.03	cps
Rhodium	103-2	4703289	4688445	4725278	4705671	0.39	cps
Scandium	45-1	6248238	6289866	6246170	6261424	0.39	cps
Scandium	45-2	280980	276752	279473	279068	0.77	cps
Selenium	77-2	0	0	0	0	0.00	cps
Selenium	78-2	70	89	96	85	15.68	cps
Selenium	82-1	82	48	17	49	66.50	cps
Silicon	28-1	162709	164412	164916	164012	0.71	cps
Silver	109-1	142	67	75	94	43.53	cps
Silver	107-1	175	125	167	156	17.22	cps
Sodium	23-2	12889	13023	13757	13223	3.53	cps
Strontium	86-1	508	575	517	533	6.81	cps
Strontium	88-1	158	125	150	144	12.01	cps
Sulfur	34-1	290403	291688	291286	291125	0.23	cps
Terbium	159-1	14242072	14373732	14329711	14315172	0.47	cps
Terbium	159-2	7081206	7006551	7062589	7050116	0.55	cps
Thallium	203-1	842	850	850	847	0.57	cps
Thallium	205-1	1217	1408	1292	1306	7.40	cps
Thorium	232-1	2589	2528	2728	2615	3.92	cps
Tin	118-1	1042	900	1200	1047	14.33	cps
Titanium	47-1	167	142	108	139	21.07	cps
Uranium	238-1	2950	2750	2759	2820	4.01	cps
Vanadium	51-2	7	3	13	8	65.47	cps
Yttrium	89-1	11010901	11176098	11047488	11078162	0.78	cps
Yttrium	89-2	1578746	1577216	1578502	1578155	0.05	cps

LB Number :	LB104299	Operator :	Jaswal
Lab Sample ID :	ICB01	Instrumnet Name :	P7
Client Sample ID :	ICB01	Dilution Factor :	1
Date & Time Acquired ::	2019-07-29 12:55:07	DataFile Name :	013CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zinc	66-2	267	320	267	284	10.83	cps
Zirconium	90-1	933	983	883	933	5.36	cps
Zirconium	91-1	225	108	125	153	41.30	cps

LB Number :	LB104299	Operator :	Jaswal
Lab Sample ID :	ICSA01	Instrumnet Name :	P7
Client Sample ID :	ICSA01	Dilution Factor :	1
Date & Time Acquired ::	2019-07-29 12:58:44	DataFile Name :	014ICSA01.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	9906208	9839233	9784601	9843347	0.62	cps
Antimony	121-1	12715	13390	13023	13043	2.59	cps
Arsenic	75-1	2879	3369	3341	3196	8.62	cps
Barium	135-1	4743	4167	4676	4529	6.95	cps
Barium	137-1	7853	7327	7753	7644	3.65	cps
Beryllium	9-1	850	703	653	736	13.90	cps
Bismuth	209-1	9075378	9053029	9197859	9108755	0.86	cps
Bismuth	209-2	4854169	4949075	4914815	4906020	0.98	cps
Boron	11-1	4501	4959	4751	4737	4.85	cps
Boron	10-1	1333	1150	850	1111	21.96	cps
Cadmium	106-1	3059	3426	2967	3151	7.70	cps
Cadmium	108-1	2625	2629	2563	2606	1.43	cps
Cadmium	111-1	3354	3908	3375	3546	8.85	cps
Calcium	43-1	3098537	3087981	3082662	3089727	0.26	cps
Calcium	44-1	51579937	51404532	51459059	51481176	0.17	cps
Chromium	52-2	62401	61116	61167	61561	1.18	cps
Cobalt	59-2	6402	5988	6131	6174	3.40	cps
Copper	63-2	28498	28595	28358	28483	0.42	cps
Dysprosium	156-1	117	117	67	100	28.87	cps
Dysprosium	156-2	50	47	50	49	3.93	cps
Erbium	164-2	67	93	60	73	24.06	cps
Erbium	164-1	92	75	100	89	14.33	cps
Gadolinium	160-1	150	92	108	117	25.76	cps
Gadolinium	160-2	257	243	213	238	9.33	cps
Holmium	165-1	14359661	14412915	14384887	14385821	0.19	cps
Holmium	165-2	7030249	7132003	7105319	7089191	0.74	cps
Indium	115-1	10556766	10534663	10628668	10573366	0.46	cps
Indium	115-2	1986566	2030217	2013459	2010081	1.10	cps
Iron	56-2	273308656	271098101	271834762	272080506	0.41	cps
Iron	57-2	6685116	6688001	6698954	6690690	0.11	cps
Krypton	83-1	273	273	313	287	8.06	cps
Lead	206-1	52024	52231	52035	52097	0.22	cps
Lead	207-1	42446	42151	42981	42526	0.99	cps
Lead	208-1	198524	195687	198002	197404	0.76	cps
Lithium	6-1	2613104	2595793	2595489	2601462	0.39	cps
Magnesium	24-2	24185927	24036086	24096321	24106111	0.31	cps

LB Number :	LB104299	Operator :	Jaswal
Lab Sample ID :	ICSA01	Instrumnet Name :	P7
Client Sample ID :	ICSA01	Dilution Factor :	1
Date & Time Acquired ::	2019-07-29 12:58:44	DataFile Name :	014ICSA01.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	15188	14461	15178	14942	2.79	cps
Molybdenum	94-1	6224064	6215419	6242036	6227173	0.22	cps
Molybdenum	95-1	11001078	11023372	11036356	11020269	0.16	cps
Molybdenum	96-1	11718307	11732876	11763339	11738174	0.20	cps
Molybdenum	97-1	6901241	6905265	6914923	6907143	0.10	cps
Molybdenum	98-1	17694657	17755291	17797248	17749066	0.29	cps
Neodymium	150-1	87	73	67	76	13.48	cps
Neodymium	150-2	37	47	30	38	22.21	cps
Nickel	60-2	7152	7132	6922	7068	1.80	cps
Phosphorus	31-2	545381	543972	541735	543696	0.34	cps
Potassium	39-2	22898944	22827010	22638562	22788172	0.59	cps
Rhodium	103-1	8767953	8827216	8823334	8806168	0.38	cps
Rhodium	103-2	4022386	4082634	4072846	4059289	0.80	cps
Scandium	45-1	5624986	5558529	5588017	5590510	0.60	cps
Scandium	45-2	247212	244354	244213	245260	0.69	cps
Selenium	77-2	0	0	0	0	0.00	cps
Selenium	78-2	41	63	46	50	23.13	cps
Selenium	82-1	123	98	72	98	26.16	cps
Silicon	28-1	256292	258123	258515	257644	0.46	cps
Silver	109-1	333	425	533	431	23.25	cps
Silver	107-1	392	442	517	450	13.98	cps
Sodium	23-2	45607699	45652926	45571184	45610603	0.09	cps
Strontium	86-1	127234	126923	127370	127176	0.18	cps
Strontium	88-1	1106108	1111356	1109560	1109008	0.24	cps
Sulfur	34-1	5063157	5003236	4984176	5016856	0.82	cps
Terbium	159-1	14419338	14460189	14538444	14472657	0.42	cps
Terbium	159-2	6852661	6910658	6907724	6890347	0.47	cps
Thallium	203-1	1842	1667	1842	1784	5.67	cps
Thallium	205-1	3601	4126	3917	3881	6.81	cps
Thorium	232-1	3167	3278	3106	3184	2.74	cps
Tin	118-1	2317	2500	2634	2484	6.40	cps
Titanium	47-1	2774973	2747869	2744864	2755902	0.60	cps
Uranium	238-1	3876	3517	3567	3653	5.31	cps
Vanadium	51-2	400	397	443	413	6.30	cps
Yttrium	89-1	10303732	10320808	10326937	10317159	0.12	cps
Yttrium	89-2	1424001	1440404	1433131	1432512	0.57	cps

LB Number :	LB104299	Operator :	Jaswal
Lab Sample ID :	ICSA01	Instrumnet Name :	P7
Client Sample ID :	ICSA01	Dilution Factor :	1
Date & Time Acquired ::	2019-07-29 12:58:44	DataFile Name :	014ICSA01.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zinc	66-2	6598	6865	6758	6741	1.99	cps
Zirconium	90-1	1325	1225	1283	1278	3.93	cps
Zirconium	91-1	308	367	300	325	11.18	cps

LB Number : LB104299 Operator : Jaswal
 Lab Sample ID : ICSAB01 Instrumnet Name : P7
 Client Sample ID : ICSAB01 Dilution Factor : 1
 Date & Time Acquired :: 2019-07-29 13:02:21 DataFile Name : 015ICSB.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	9833760	9855749	9910766	9866759	0.40	cps
Antimony	121-1	246122	246816	248763	247233	0.55	cps
Arsenic	75-1	51094	50767	50800	50887	0.35	cps
Barium	135-1	66443	65513	67130	66362	1.22	cps
Barium	137-1	117611	115283	118797	117230	1.52	cps
Beryllium	9-1	43111	42392	43124	42876	0.98	cps
Bismuth	209-1	9166719	9102415	9265185	9178106	0.89	cps
Bismuth	209-2	4929609	4917217	5112516	4986447	2.19	cps
Boron	11-1	4334	4876	4593	4601	5.89	cps
Boron	10-1	933	792	1017	914	12.45	cps
Cadmium	106-1	8945	8653	9012	8870	2.15	cps
Cadmium	108-1	6898	6873	6714	6828	1.46	cps
Cadmium	111-1	67411	67756	67289	67485	0.36	cps
Calcium	43-1	3098570	3091575	3099083	3096410	0.14	cps
Calcium	44-1	51741154	51635654	51801161	51725990	0.16	cps
Chromium	52-2	121375	122410	123229	122338	0.76	cps
Cobalt	59-2	108890	108796	109659	109115	0.43	cps
Copper	63-2	101294	101509	101523	101442	0.13	cps
Dysprosium	156-1	58	83	75	72	17.62	cps
Dysprosium	156-2	67	67	40	58	26.65	cps
Erbium	164-2	117	113	57	96	35.29	cps
Erbium	164-1	75	75	150	100	43.31	cps
Gadolinium	160-1	158	142	142	147	6.54	cps
Gadolinium	160-2	220	283	230	244	13.93	cps
Holmium	165-1	14504769	14302453	14434035	14413752	0.71	cps
Holmium	165-2	7154992	7151107	7342326	7216142	1.51	cps
Indium	115-1	10609797	10566557	10616334	10597562	0.26	cps
Indium	115-2	2001011	2011117	2078981	2030370	2.09	cps
Iron	56-2	271576912	271548345	274830456	272651904	0.69	cps
Iron	57-2	6678809	6706241	6774011	6719687	0.73	cps
Krypton	83-1	270	290	250	270	7.41	cps
Lead	206-1	277161	275146	279276	277194	0.75	cps
Lead	207-1	234019	232717	232781	233172	0.31	cps
Lead	208-1	1076495	1070023	1081215	1075911	0.52	cps
Lithium	6-1	2567588	2544933	2569925	2560816	0.54	cps
Magnesium	24-2	24090290	24128740	24462341	24227124	0.84	cps

LB Number :	LB104299	Operator :	Jaswal
Lab Sample ID :	ICSAB01	Instrumnet Name :	P7
Client Sample ID :	ICSAB01	Dilution Factor :	1
Date & Time Acquired ::	2019-07-29 13:02:21	DataFile Name :	015ICSB.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	53688	53561	54685	53978	1.14	cps
Molybdenum	94-1	6324002	6208304	6332304	6288203	1.10	cps
Molybdenum	95-1	11203500	10990397	11101769	11098555	0.96	cps
Molybdenum	96-1	11976505	11727641	11880145	11861430	1.06	cps
Molybdenum	97-1	7051165	6917005	6987901	6985357	0.96	cps
Molybdenum	98-1	18118466	17722943	17885556	17908988	1.11	cps
Neodymium	150-1	73	73	67	71	5.41	cps
Neodymium	150-2	27	33	37	32	15.80	cps
Nickel	60-2	33816	33251	34050	33706	1.22	cps
Phosphorus	31-2	540559	544065	540323	541649	0.39	cps
Potassium	39-2	22776286	22869547	23033310	22893048	0.57	cps
Rhodium	103-1	8800324	8737064	8790417	8775935	0.39	cps
Rhodium	103-2	4048109	4070772	4203013	4107298	2.04	cps
Scandium	45-1	5543799	5520973	5585477	5550083	0.59	cps
Scandium	45-2	247686	243722	253265	248225	1.93	cps
Selenium	77-2	217	200	193	203	5.91	cps
Selenium	78-2	670	680	746	699	5.93	cps
Selenium	82-1	4583	4661	4669	4638	1.03	cps
Silicon	28-1	275890	274932	278346	276390	0.64	cps
Silver	109-1	278874	276679	274318	276624	0.82	cps
Silver	107-1	290138	287099	288763	288667	0.53	cps
Sodium	23-2	45866878	45895477	46420094	46060816	0.68	cps
Strontium	86-1	128941	127082	129244	128423	0.91	cps
Strontium	88-1	1131589	1111815	1119876	1121093	0.89	cps
Sulfur	34-1	5031879	4983468	5011568	5008971	0.49	cps
Terbium	159-1	14528982	14455228	14659996	14548069	0.71	cps
Terbium	159-2	6956185	6900569	7112977	6989910	1.58	cps
Thallium	203-1	281527	274129	277641	277766	1.33	cps
Thallium	205-1	668220	659104	664165	663830	0.69	cps
Thorium	232-1	2839	2884	2856	2860	0.79	cps
Tin	118-1	2834	2967	3175	2992	5.76	cps
Titanium	47-1	2746213	2725693	2751909	2741271	0.50	cps
Uranium	238-1	3917	3659	4026	3867	4.87	cps
Vanadium	51-2	49312	49255	49958	49508	0.79	cps
Yttrium	89-1	10287346	10210284	10365024	10287551	0.75	cps
Yttrium	89-2	1428847	1435448	1469078	1444458	1.49	cps

LB Number :	LB104299	Operator :	Jaswal
Lab Sample ID :	ICSAB01	Instrumnet Name :	P7
Client Sample ID :	ICSAB01	Dilution Factor :	1
Date & Time Acquired ::	2019-07-29 13:02:21	DataFile Name :	015ICSB.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zinc	66-2	17831	17714	17274	17606	1.67	cps
Zirconium	90-1	1333	1208	1258	1267	4.97	cps
Zirconium	91-1	375	242	292	303	22.25	cps

LB Number :	LB104299	Operator :	Jaswal
Lab Sample ID :	CCV69	Instrumnet Name :	P7
Client Sample ID :	CCV69	Dilution Factor :	1
Date & Time Acquired ::	2019-07-29 13:14:46	DataFile Name :	017CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	5563175	5551163	5487730	5534023	0.73	cps
Antimony	121-1	5822420	5760630	5789258	5790769	0.53	cps
Arsenic	75-1	1232218	1205830	1192174	1210074	1.68	cps
Barium	135-1	7774201	7639167	7705483	7706284	0.88	cps
Barium	137-1	13589391	13338641	13384189	13437407	0.99	cps
Beryllium	9-1	1064676	1049575	1043919	1052723	1.02	cps
Bismuth	209-1	8988053	8847519	8936312	8923961	0.80	cps
Bismuth	209-2	4805103	4799462	4761823	4788796	0.49	cps
Boron	11-1	729885	723841	723587	725771	0.49	cps
Boron	10-1	159549	159337	161048	159978	0.58	cps
Cadmium	106-1	191350	188926	187726	189334	0.97	cps
Cadmium	108-1	128296	127576	126932	127601	0.53	cps
Cadmium	111-1	1751718	1735909	1735593	1741073	0.53	cps
Calcium	43-1	7985148	7864243	7865454	7904948	0.88	cps
Calcium	44-1	130339799	128020953	128633165	128997972	0.93	cps
Chromium	52-2	1534321	1545705	1520912	1533646	0.81	cps
Cobalt	59-2	2493144	2500379	2477023	2490182	0.48	cps
Copper	63-2	3770158	3785251	3735617	3763675	0.68	cps
Dysprosium	156-1	125	83	192	133	40.98	cps
Dysprosium	156-2	180	137	160	159	13.65	cps
Erbium	164-2	93	73	97	88	14.38	cps
Erbium	164-1	117	183	117	139	27.71	cps
Gadolinium	160-1	142	117	150	136	12.74	cps
Gadolinium	160-2	270	233	320	274	15.85	cps
Holmium	165-1	14545376	14283023	14340223	14389541	0.96	cps
Holmium	165-2	7163406	7153830	7075347	7130861	0.68	cps
Indium	115-1	10510859	10407033	10388260	10435384	0.63	cps
Indium	115-2	1979178	1994172	1965678	1979676	0.72	cps
Iron	56-2	344088019	346149930	341267897	343835282	0.71	cps
Iron	57-2	8474090	8501468	8446464	8474007	0.32	cps
Krypton	83-1	297	357	313	322	9.61	cps
Lead	206-1	5257750	5223106	5200890	5227248	0.55	cps
Lead	207-1	4647214	4582433	4577286	4602311	0.85	cps
Lead	208-1	21531561	21235121	21294931	21353871	0.73	cps
Lithium	6-1	2647172	2595347	2592038	2611519	1.18	cps
Magnesium	24-2	60643160	60221112	59832574	60232282	0.67	cps

LB Number :	LB104299	Operator :	Jaswal
Lab Sample ID :	CCV69	Instrumnet Name :	P7
Client Sample ID :	CCV69	Dilution Factor :	1
Date & Time Acquired ::	2019-07-29 13:14:46	DataFile Name :	017CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	1909146	1919931	1901032	1910036	0.50	cps
Molybdenum	94-1	12305888	12115222	12106924	12176011	0.92	cps
Molybdenum	95-1	15335339	14975382	15112209	15140977	1.20	cps
Molybdenum	96-1	17089576	16620183	16872481	16860747	1.39	cps
Molybdenum	97-1	9630712	9434144	9506836	9523898	1.04	cps
Molybdenum	98-1	24750264	24214029	24298693	24420995	1.18	cps
Neodymium	150-1	673	620	633	642	4.32	cps
Neodymium	150-2	87	97	83	89	7.80	cps
Nickel	60-2	640788	643606	637416	640604	0.48	cps
Phosphorus	31-2	55855	56433	56232	56173	0.52	cps
Potassium	39-2	29041335	29194138	28731810	28989094	0.81	cps
Rhodium	103-1	8737548	8517459	8509388	8588132	1.51	cps
Rhodium	103-2	3946472	3973268	3920875	3946872	0.66	cps
Scandium	45-1	5755773	5625933	5626375	5669360	1.32	cps
Scandium	45-2	249258	251184	247556	249333	0.73	cps
Selenium	77-2	5061	4944	4741	4915	3.30	cps
Selenium	78-2	17335	17066	17227	17209	0.79	cps
Selenium	82-1	114428	111733	112351	112838	1.25	cps
Silicon	28-1	3542951	3533299	3545899	3540716	0.19	cps
Silver	109-1	7758782	7675167	7696072	7710007	0.56	cps
Silver	107-1	8208442	8049379	8067846	8108556	1.07	cps
Sodium	23-2	113652686	113255690	112313157	113073844	0.61	cps
Strontium	86-1	1871370	1827505	1836883	1845252	1.25	cps
Strontium	88-1	16787490	16553953	16484220	16608555	0.96	cps
Sulfur	34-1	789291	780560	771966	780605	1.11	cps
Terbium	159-1	14595389	14445220	14483090	14507900	0.54	cps
Terbium	159-2	6922690	6938442	6867581	6909571	0.54	cps
Thallium	203-1	6763327	6712017	6683294	6719546	0.60	cps
Thallium	205-1	15994761	15855964	15912455	15921060	0.44	cps
Thorium	232-1	24622494	24100160	24163269	24295307	1.17	cps
Tin	118-1	5036963	4987446	5246873	5090428	2.71	cps
Titanium	47-1	3503138	3430891	3437978	3457336	1.15	cps
Uranium	238-1	24079765	23620587	23716689	23805680	1.02	cps
Vanadium	51-2	1245350	1255182	1240876	1247136	0.59	cps
Yttrium	89-1	10474729	10289721	10271036	10345162	1.09	cps
Yttrium	89-2	1426757	1442380	1428150	1432429	0.60	cps

LB Number :	LB104299	Operator :	Jaswal
Lab Sample ID :	CCV69	Instrumnet Name :	P7
Client Sample ID :	CCV69	Dilution Factor :	1
Date & Time Acquired ::	2019-07-29 13:14:46	DataFile Name :	017CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zinc	66-2	680470	686514	681317	682767	0.48	cps
Zirconium	90-1	9977322	9836464	9837241	9883676	0.82	cps
Zirconium	91-1	2159539	2122123	2126969	2136210	0.95	cps

LB Number :	LB104299	Operator :	Jaswal
Lab Sample ID :	CCB69	Instrumnet Name :	P7
Client Sample ID :	CCB69	Dilution Factor :	1
Date & Time Acquired ::	2019-07-29 13:18:28	DataFile Name :	018CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	542	425	392	453	17.40	cps
Antimony	121-1	6352	6735	7077	6721	5.40	cps
Arsenic	75-1	-38	-202	10	-77	-145.03	cps
Barium	135-1	1308	1133	883	1108	19.27	cps
Barium	137-1	2242	1925	1784	1984	11.83	cps
Beryllium	9-1	307	363	303	324	10.39	cps
Bismuth	209-1	9710790	9804038	9638511	9717780	0.85	cps
Bismuth	209-2	5411678	5619886	5377591	5469718	2.40	cps
Boron	11-1	37122	37096	34465	36228	4.21	cps
Boron	10-1	8269	7519	7577	7788	5.36	cps
Cadmium	106-1	3392	3409	3426	3409	0.49	cps
Cadmium	108-1	13	54	42	36	59.21	cps
Cadmium	111-1	2807	2744	2781	2778	1.15	cps
Calcium	43-1	1250	1200	1033	1161	9.77	cps
Calcium	44-1	24696	23311	21124	23044	7.81	cps
Chromium	52-2	763	803	643	737	11.30	cps
Cobalt	59-2	233	183	197	204	12.66	cps
Copper	63-2	1513	1397	1283	1398	8.23	cps
Dysprosium	156-1	42	33	17	31	41.66	cps
Dysprosium	156-2	43	17	33	31	43.29	cps
Erbium	164-2	70	80	100	83	18.33	cps
Erbium	164-1	50	58	117	75	48.43	cps
Gadolinium	160-1	67	108	83	86	24.35	cps
Gadolinium	160-2	247	223	263	244	8.22	cps
Holmium	165-1	14037631	14094316	14072812	14068253	0.20	cps
Holmium	165-2	7340461	7534905	7222884	7366083	2.14	cps
Indium	115-1	10950243	11108873	11098780	11052632	0.80	cps
Indium	115-2	2195167	2252961	2180350	2209493	1.74	cps
Iron	56-2	36941	31852	28406	32400	13.25	cps
Iron	57-2	1083	778	717	859	22.86	cps
Krypton	83-1	323	357	370	350	6.87	cps
Lead	206-1	2389	2195	2200	2261	4.90	cps
Lead	207-1	2122	2145	2189	2152	1.58	cps
Lead	208-1	8557	8362	8373	8431	1.30	cps
Lithium	6-1	2591192	2599128	2630416	2606912	0.80	cps
Magnesium	24-2	5134	4384	3567	4362	17.97	cps

LB Number : LB104299 Operator : Jaswal
 Lab Sample ID : CCB69 Instrumnet Name : P7
 Client Sample ID : CCB69 Dilution Factor : 1
 Date & Time Acquired :: 2019-07-29 13:18:28 DataFile Name : 018CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	227	183	140	183	23.64	cps
Molybdenum	94-1	3442	3234	2792	3156	10.52	cps
Molybdenum	95-1	4067	4226	3817	4037	5.10	cps
Molybdenum	96-1	4951	4443	4026	4473	10.36	cps
Molybdenum	97-1	2642	2642	2434	2573	4.68	cps
Molybdenum	98-1	6594	6227	5918	6246	5.41	cps
Neodymium	150-1	20	0	7	9	114.55	cps
Neodymium	150-2	13	7	10	10	33.30	cps
Nickel	60-2	93	103	77	91	14.79	cps
Phosphorus	31-2	183	83	92	119	46.45	cps
Potassium	39-2	21316	20031	20098	20482	3.53	cps
Rhodium	103-1	9495075	9570372	9630087	9565178	0.71	cps
Rhodium	103-2	4573378	4692393	4530333	4598702	1.83	cps
Scandium	45-1	5676176	5703750	5753439	5711122	0.69	cps
Scandium	45-2	262675	267130	258464	262756	1.65	cps
Selenium	77-2	0	3	0	1	173.21	cps
Selenium	78-2	74	89	67	77	14.78	cps
Selenium	82-1	41	14	2	19	107.40	cps
Silicon	28-1	149810	149365	148597	149257	0.41	cps
Silver	109-1	1625	1283	892	1267	28.97	cps
Silver	107-1	1575	1217	1100	1297	19.08	cps
Sodium	23-2	39010	36453	34850	36771	5.71	cps
Strontium	86-1	800	700	692	731	8.25	cps
Strontium	88-1	2667	2417	2317	2467	7.31	cps
Sulfur	34-1	232487	235017	236980	234828	0.96	cps
Terbium	159-1	14319766	14410435	14275857	14335353	0.48	cps
Terbium	159-2	7108355	7351993	7034746	7165032	2.32	cps
Thallium	203-1	3942	3492	3042	3492	12.89	cps
Thallium	205-1	7669	7119	6777	7188	6.26	cps
Thorium	232-1	8692	8559	8564	8605	0.88	cps
Tin	118-1	2709	3067	2925	2900	6.22	cps
Titanium	47-1	608	683	542	611	11.60	cps
Uranium	238-1	6752	6235	5835	6274	7.33	cps
Vanadium	51-2	103	83	67	84	21.74	cps
Yttrium	89-1	10452781	10545107	10646521	10548136	0.92	cps
Yttrium	89-2	1516891	1557661	1502161	1525571	1.88	cps

LB Number :	LB104299	Operator :	Jaswal
Lab Sample ID :	CCB69	Instrumnet Name :	P7
Client Sample ID :	CCB69	Dilution Factor :	1
Date & Time Acquired ::	2019-07-29 13:18:28	DataFile Name :	018CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zinc	66-2	320	303	327	317	3.80	cps
Zirconium	90-1	2725	2792	2650	2723	2.60	cps
Zirconium	91-1	492	617	500	536	13.04	cps

LB Number :	LB104299	Operator :	Jaswal
Lab Sample ID :	K3723-01DLX2	Instrumnet Name :	P7
Client Sample ID :	MH0AC8	Dilution Factor :	2
Date & Time Acquired ::	2019-07-29 13:22:04	DataFile Name :	019SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	1392392	1399555	1398758	1396902	0.28	cps
Antimony	121-1	28947	27319	29056	28441	3.42	cps
Arsenic	75-1	42158	42879	42631	42556	0.86	cps
Barium	135-1	31804	32814	32305	32308	1.56	cps
Barium	137-1	57721	58031	56775	57509	1.14	cps
Beryllium	9-1	9977	10110	9750	9946	1.83	cps
Bismuth	209-1	10681433	10654585	10633846	10656621	0.22	cps
Bismuth	209-2	5561822	5636926	5616948	5605232	0.69	cps
Boron	11-1	25839	25472	24888	25400	1.89	cps
Boron	10-1	5518	5801	5351	5557	4.10	cps
Cadmium	106-1	32271	32037	31486	31931	1.26	cps
Cadmium	108-1	19589	19076	19772	19479	1.85	cps
Cadmium	111-1	293202	292337	291367	292302	0.31	cps
Calcium	43-1	1533804	1512749	1519237	1521930	0.71	cps
Calcium	44-1	25947144	25511337	25528928	25662470	0.96	cps
Chromium	52-2	2880	2990	2784	2885	3.59	cps
Cobalt	59-2	236141	233568	236800	235503	0.73	cps
Copper	63-2	2155420	2170890	2178041	2168117	0.53	cps
Dysprosium	156-1	550477	547025	545428	547644	0.47	cps
Dysprosium	156-2	282774	289239	290551	287521	1.45	cps
Erbium	164-2	260261	261537	263685	261828	0.66	cps
Erbium	164-1	553520	545234	545145	547966	0.88	cps
Gadolinium	160-1	608093	605216	604594	605968	0.31	cps
Gadolinium	160-2	321925	325660	327114	324900	0.82	cps
Holmium	165-1	16149350	16036764	15898667	16028260	0.78	cps
Holmium	165-2	7794483	7863905	7839863	7832751	0.45	cps
Indium	115-1	12000526	11901877	11898222	11933542	0.49	cps
Indium	115-2	2226031	2228632	2248311	2234325	0.55	cps
Iron	56-2	797565	799441	800345	799117	0.18	cps
Iron	57-2	28768	28740	27716	28408	2.11	cps
Krypton	83-1	953	933	953	947	1.22	cps
Lead	206-1	31861	30803	30775	31146	1.99	cps
Lead	207-1	27512	27318	26677	27169	1.61	cps
Lead	208-1	125515	123906	122126	123849	1.37	cps
Lithium	6-1	2846854	2805194	2814315	2822121	0.78	cps
Magnesium	24-2	4479416	4452423	4465204	4465681	0.30	cps

LB Number :	LB104299	Operator :	Jaswal
Lab Sample ID :	K3723-01DLX2	Instrumnet Name :	P7
Client Sample ID :	MH0AC8	Dilution Factor :	2
Date & Time Acquired ::	2019-07-29 13:22:04	DataFile Name :	019SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	44174909	44495331	44177244	44282495	0.42	cps
Molybdenum	94-1	2384	2425	2417	2409	0.92	cps
Molybdenum	95-1	3034	2684	2759	2825	6.52	cps
Molybdenum	96-1	1192	950	1175	1106	12.21	cps
Molybdenum	97-1	475	625	433	511	19.72	cps
Molybdenum	98-1	1275	1258	1425	1320	6.96	cps
Neodymium	150-1	797913	789945	792293	793384	0.52	cps
Neodymium	150-2	302893	305814	305144	304617	0.50	cps
Nickel	60-2	41823	42508	42639	42323	1.04	cps
Phosphorus	31-2	108	92	75	92	18.18	cps
Potassium	39-2	585561	588867	583094	585841	0.49	cps
Rhodium	103-1	10178696	10070559	10057554	10102269	0.66	cps
Rhodium	103-2	4576283	4589482	4645963	4603909	0.80	cps
Scandium	45-1	6194556	6107381	6134707	6145548	0.73	cps
Scandium	45-2	266391	267258	270903	268184	0.89	cps
Selenium	77-2	1013	1283	1217	1171	12.01	cps
Selenium	78-2	796	819	756	790	4.04	cps
Selenium	82-1	618	654	648	640	3.00	cps
Silicon	28-1	26446879	25970220	26246545	26221215	0.91	cps
Silver	109-1	1817	1567	1775	1720	7.79	cps
Silver	107-1	1950	1909	2075	1978	4.39	cps
Sodium	23-2	1911144	1915576	1924019	1916913	0.34	cps
Strontium	86-1	506322	499963	499444	501910	0.76	cps
Strontium	88-1	4371763	4298452	4331997	4334071	0.85	cps
Sulfur	34-1	5913632	5814458	5868278	5865456	0.85	cps
Terbium	159-1	16418941	16171775	16212975	16267897	0.81	cps
Terbium	159-2	7591569	7628657	7693349	7637858	0.67	cps
Thallium	203-1	4143	3892	3834	3956	4.14	cps
Thallium	205-1	9237	8136	7961	8445	8.19	cps
Thorium	232-1	401550	395956	391688	396398	1.25	cps
Tin	118-1	1942	2067	1775	1928	7.59	cps
Titanium	47-1	508	600	575	561	8.44	cps
Uranium	238-1	1408174	1381140	1389290	1392868	1.00	cps
Vanadium	51-2	110	97	110	106	7.29	cps
Yttrium	89-1	19081623	18761692	18906596	18916637	0.85	cps
Yttrium	89-2	2542924	2559399	2566952	2556425	0.48	cps

LB Number :	LB104299	Operator :	Jaswal
Lab Sample ID :	K3723-01DLX2	Instrumnet Name :	P7
Client Sample ID :	MH0AC8	Dilution Factor :	2
Date & Time Acquired ::	2019-07-29 13:22:04	DataFile Name :	019SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zinc	66-2	7556977	7598312	7619305	7591532	0.42	cps
Zirconium	90-1	5276	5285	5185	5248	1.06	cps
Zirconium	91-1	1050	1300	1208	1186	10.66	cps

LB Number :	LB104299	Operator :	Jaswal
Lab Sample ID :	K3723-02DLX2	Instrumnet Name :	P7
Client Sample ID :	MH0AC8D	Dilution Factor :	2
Date & Time Acquired ::	2019-07-29 13:25:40	DataFile Name :	020SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	1403679	1401780	1414550	1406670	0.49	cps
Antimony	121-1	28321	29190	28572	28694	1.56	cps
Arsenic	75-1	42511	44719	44688	43973	2.88	cps
Barium	135-1	33291	32431	33082	32934	1.36	cps
Barium	137-1	56047	57771	56934	56917	1.51	cps
Beryllium	9-1	9880	9907	9987	9924	0.56	cps
Bismuth	209-1	10623687	10758801	10586132	10656207	0.85	cps
Bismuth	209-2	5584727	5576823	5627578	5596376	0.49	cps
Boron	11-1	19772	20982	20081	20278	3.10	cps
Boron	10-1	4401	4201	4651	4417	5.11	cps
Cadmium	106-1	32363	33616	32806	32928	1.93	cps
Cadmium	108-1	19288	19718	19372	19459	1.17	cps
Cadmium	111-1	294915	301010	295439	297121	1.14	cps
Calcium	43-1	1543216	1540458	1533880	1539185	0.31	cps
Calcium	44-1	25905505	26105943	25874883	25962110	0.48	cps
Chromium	52-2	2997	2830	2734	2854	4.67	cps
Cobalt	59-2	235753	238560	238912	237742	0.73	cps
Copper	63-2	2175514	2180979	2195871	2184121	0.48	cps
Dysprosium	156-1	549809	555631	545224	550221	0.95	cps
Dysprosium	156-2	284251	288802	289334	287462	0.97	cps
Erbium	164-2	260323	259915	261354	260531	0.28	cps
Erbium	164-1	547764	551577	543178	547507	0.77	cps
Gadolinium	160-1	606079	605201	606105	605795	0.08	cps
Gadolinium	160-2	324277	325073	328419	325923	0.67	cps
Holmium	165-1	15975333	16162825	16068372	16068843	0.58	cps
Holmium	165-2	7814796	7828906	7822113	7821938	0.09	cps
Indium	115-1	12053796	12156157	12023951	12077968	0.57	cps
Indium	115-2	2219354	2229226	2238775	2229118	0.44	cps
Iron	56-2	796031	800909	800336	799092	0.33	cps
Iron	57-2	29052	29642	28718	29137	1.61	cps
Krypton	83-1	920	1007	817	914	10.40	cps
Lead	206-1	30391	30959	31744	31031	2.19	cps
Lead	207-1	26399	27284	26945	26876	1.66	cps
Lead	208-1	122401	123262	123279	122981	0.41	cps
Lithium	6-1	2825349	2834818	2805529	2821899	0.53	cps
Magnesium	24-2	4480589	4495079	4524529	4500066	0.50	cps

LB Number :	LB104299	Operator :	Jaswal
Lab Sample ID :	K3723-02DLX2	Instrumnet Name :	P7
Client Sample ID :	MH0AC8D	Dilution Factor :	2
Date & Time Acquired ::	2019-07-29 13:25:40	DataFile Name :	020SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	44711278	44480249	45036744	44742757	0.62	cps
Molybdenum	94-1	2209	2434	2109	2250	7.40	cps
Molybdenum	95-1	2459	2450	2525	2478	1.66	cps
Molybdenum	96-1	800	900	858	853	5.89	cps
Molybdenum	97-1	375	283	275	311	17.84	cps
Molybdenum	98-1	817	933	683	811	15.42	cps
Neodymium	150-1	794481	800689	793641	796270	0.48	cps
Neodymium	150-2	303882	306511	305820	305404	0.45	cps
Nickel	60-2	42468	42408	42050	42309	0.53	cps
Phosphorus	31-2	100	67	150	106	39.74	cps
Potassium	39-2	590820	593352	598353	594175	0.65	cps
Rhodium	103-1	10165289	10239960	10120254	10175168	0.59	cps
Rhodium	103-2	4613324	4634100	4633851	4627092	0.26	cps
Scandium	45-1	6205969	6248647	6202822	6219146	0.41	cps
Scandium	45-2	268965	268805	270372	269381	0.32	cps
Selenium	77-2	1197	1147	1227	1190	3.40	cps
Selenium	78-2	793	787	802	794	0.94	cps
Selenium	82-1	711	629	740	693	8.30	cps
Silicon	28-1	26502111	26643302	26364819	26503410	0.53	cps
Silver	109-1	2450	2500	2667	2539	4.47	cps
Silver	107-1	2517	2817	2992	2775	8.66	cps
Sodium	23-2	1927987	1942879	1944806	1938557	0.47	cps
Strontium	86-1	501613	509034	502122	504256	0.82	cps
Strontium	88-1	4375016	4417670	4348028	4380238	0.80	cps
Sulfur	34-1	5947306	5992571	5904909	5948262	0.74	cps
Terbium	159-1	16192500	16415271	16304054	16303942	0.68	cps
Terbium	159-2	7639251	7615797	7611203	7622084	0.20	cps
Thallium	203-1	2492	2409	2534	2478	2.57	cps
Thallium	205-1	5010	4826	4451	4762	5.98	cps
Thorium	232-1	393556	397286	389905	393582	0.94	cps
Tin	118-1	1792	2084	2350	2075	13.46	cps
Titanium	47-1	558	583	567	569	2.24	cps
Uranium	238-1	1393088	1387037	1370610	1383578	0.84	cps
Vanadium	51-2	93	100	93	96	4.02	cps
Yttrium	89-1	19162865	19236460	19007859	19135728	0.61	cps
Yttrium	89-2	2565084	2562364	2578949	2568799	0.35	cps

LB Number :	LB104299	Operator :	Jaswal
Lab Sample ID :	K3723-02DLX2	Instrumnet Name :	P7
Client Sample ID :	MH0AC8D	Dilution Factor :	2
Date & Time Acquired ::	2019-07-29 13:25:40	DataFile Name :	020SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zinc	66-2	7641210	7672848	7692643	7668900	0.34	cps
Zirconium	90-1	5168	5376	4759	5101	6.15	cps
Zirconium	91-1	1133	1217	1208	1186	3.87	cps

LB Number :	LB104299	Operator :	Jaswal
Lab Sample ID :	K3723-03DLX2	Instrumnet Name :	P7
Client Sample ID :	MH0AC8S	Dilution Factor :	2
Date & Time Acquired ::	2019-07-29 13:29:16	DataFile Name :	021SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	1541768	1547686	1534920	1541458	0.41	cps
Antimony	121-1	732247	703694	708402	714781	2.14	cps
Arsenic	75-1	103643	101819	101597	102353	1.10	cps
Barium	135-1	3538282	3448744	3446940	3477989	1.50	cps
Barium	137-1	6405633	6238875	6291568	6312025	1.35	cps
Beryllium	9-1	70998	70721	70539	70753	0.33	cps
Bismuth	209-1	10920620	10734458	10802259	10819112	0.87	cps
Bismuth	209-2	5669543	5707947	5632041	5669844	0.67	cps
Boron	11-1	17060	16534	16051	16548	3.05	cps
Boron	10-1	3942	3842	3734	3840	2.71	cps
Cadmium	106-1	42172	41963	42423	42186	0.55	cps
Cadmium	108-1	26801	26534	26709	26681	0.51	cps
Cadmium	111-1	404052	392834	401773	399553	1.48	cps
Calcium	43-1	1609003	1568710	1574687	1584133	1.37	cps
Calcium	44-1	26923527	26415533	26612076	26650379	0.96	cps
Chromium	52-2	358003	355730	357665	357133	0.34	cps
Cobalt	59-2	1742845	1751923	1735161	1743310	0.48	cps
Copper	63-2	2788039	2779920	2759566	2775842	0.53	cps
Dysprosium	156-1	567815	559068	558401	561762	0.94	cps
Dysprosium	156-2	288866	290985	288486	289446	0.47	cps
Erbium	164-2	261908	265252	262614	263258	0.67	cps
Erbium	164-1	569963	552358	552164	558162	1.83	cps
Gadolinium	160-1	628043	610932	620891	619955	1.39	cps
Gadolinium	160-2	330393	331933	327950	330092	0.61	cps
Holmium	165-1	16622186	16377673	16337010	16445623	0.94	cps
Holmium	165-2	7935936	7936334	7864134	7912135	0.53	cps
Indium	115-1	12536776	12249129	12405229	12397045	1.16	cps
Indium	115-2	2280160	2299236	2270346	2283247	0.64	cps
Iron	56-2	2374230	2362888	2344042	2360387	0.65	cps
Iron	57-2	67890	68275	69297	68487	1.06	cps
Krypton	83-1	1013	990	927	977	4.59	cps
Lead	206-1	157219	151924	153408	154183	1.77	cps
Lead	207-1	140641	140298	140187	140376	0.17	cps
Lead	208-1	632595	624058	623064	626572	0.84	cps
Lithium	6-1	2926989	2866350	2871575	2888305	1.16	cps
Magnesium	24-2	4609930	4608637	4566333	4594967	0.54	cps

LB Number :	LB104299	Operator :	Jaswal
Lab Sample ID :	K3723-03DLX2	Instrumnet Name :	P7
Client Sample ID :	MH0AC8S	Dilution Factor :	2
Date & Time Acquired ::	2019-07-29 13:29:16	DataFile Name :	021SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	46422823	46503984	45951149	46292652	0.64	cps
Molybdenum	94-1	2384	2092	2084	2186	7.82	cps
Molybdenum	95-1	2567	2517	2759	2614	4.88	cps
Molybdenum	96-1	833	892	858	861	3.40	cps
Molybdenum	97-1	217	275	225	239	13.21	cps
Molybdenum	98-1	817	533	658	669	21.21	cps
Neodymium	150-1	822796	803051	809781	811876	1.24	cps
Neodymium	150-2	305216	311041	306167	307475	1.02	cps
Nickel	60-2	436175	436691	436746	436537	0.07	cps
Phosphorus	31-2	175	117	158	150	20.03	cps
Potassium	39-2	606421	607684	609176	607760	0.23	cps
Rhodium	103-1	10600538	10326531	10407006	10444692	1.35	cps
Rhodium	103-2	4733496	4772521	4703921	4736646	0.73	cps
Scandium	45-1	6478074	6350967	6403113	6410718	1.00	cps
Scandium	45-2	277204	279624	276375	277734	0.61	cps
Selenium	77-2	2070	2097	2127	2098	1.35	cps
Selenium	78-2	3478	3430	3393	3434	1.24	cps
Selenium	82-1	18422	18024	18400	18282	1.22	cps
Silicon	28-1	27593501	26894269	27088266	27192012	1.33	cps
Silver	109-1	435037	420421	422238	425899	1.87	cps
Silver	107-1	448787	441671	448613	446357	0.91	cps
Sodium	23-2	1991317	2001711	1972816	1988615	0.74	cps
Strontium	86-1	520050	511376	514177	515201	0.86	cps
Strontium	88-1	4523444	4427556	4446398	4465799	1.14	cps
Sulfur	34-1	6199545	6098157	6144216	6147306	0.83	cps
Terbium	159-1	16786936	16550151	16603650	16646912	0.75	cps
Terbium	159-2	7765163	7767887	7719438	7750829	0.35	cps
Thallium	203-1	394023	381174	384506	386568	1.72	cps
Thallium	205-1	936313	908777	924171	923087	1.49	cps
Thorium	232-1	404030	394403	395774	398069	1.31	cps
Tin	118-1	2234	2217	2759	2403	12.82	cps
Titanium	47-1	550	658	592	600	9.11	cps
Uranium	238-1	1412727	1381452	1387014	1393731	1.20	cps
Vanadium	51-2	711354	712447	704452	709417	0.61	cps
Yttrium	89-1	19788691	19417864	19424223	19543593	1.09	cps
Yttrium	89-2	2632931	2640719	2608467	2627373	0.64	cps

LB Number :	LB104299	Operator :	Jaswal
Lab Sample ID :	K3723-03DLX2	Instrumnet Name :	P7
Client Sample ID :	MH0AC8S	Dilution Factor :	2
Date & Time Acquired ::	2019-07-29 13:29:16	DataFile Name :	021SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zinc	66-2	8032729	7995919	8012759	8013802	0.23	cps
Zirconium	90-1	5185	5134	5626	5315	5.09	cps
Zirconium	91-1	1425	1150	1250	1275	10.92	cps

LB Number :	LB104299	Operator :	Jaswal
Lab Sample ID :	K3723-01LDLX10	Instrumnet Name :	P7
Client Sample ID :	MH0AC8L	Dilution Factor :	10
Date & Time Acquired ::	2019-07-29 13:32:53	DataFile Name :	022SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	281866	287071	287088	285342	1.05	cps
Antimony	121-1	5926	6260	6402	6196	3.94	cps
Arsenic	75-1	10381	9220	9028	9543	7.67	cps
Barium	135-1	7185	6660	6994	6946	3.83	cps
Barium	137-1	12706	11864	11956	12175	3.80	cps
Beryllium	9-1	2007	1947	2084	2012	3.40	cps
Bismuth	209-1	10658236	10628244	10655418	10647299	0.16	cps
Bismuth	209-2	5613369	5610017	5689223	5637536	0.79	cps
Boron	11-1	10179	10020	10237	10145	1.11	cps
Boron	10-1	2534	2317	2067	2306	10.13	cps
Cadmium	106-1	9295	9454	9812	9520	2.78	cps
Cadmium	108-1	3830	3938	3805	3858	1.84	cps
Cadmium	111-1	60618	60164	60785	60523	0.53	cps
Calcium	43-1	316417	311385	322463	316755	1.75	cps
Calcium	44-1	5305005	5302158	5326322	5311162	0.25	cps
Chromium	52-2	1330	1373	1320	1341	2.11	cps
Cobalt	59-2	49186	49042	49627	49285	0.62	cps
Copper	63-2	454361	452869	459755	455662	0.80	cps
Dysprosium	156-1	108351	107452	106446	107416	0.89	cps
Dysprosium	156-2	55933	54976	55750	55553	0.91	cps
Erbium	164-2	50252	50460	50483	50398	0.25	cps
Erbium	164-1	107690	106237	105643	106523	0.99	cps
Gadolinium	160-1	119131	116216	117332	117560	1.25	cps
Gadolinium	160-2	62967	63021	64089	63359	1.00	cps
Holmium	165-1	15835559	15651905	15743574	15743679	0.58	cps
Holmium	165-2	7713667	7656941	7735296	7701968	0.53	cps
Indium	115-1	12402994	12241048	12379296	12341113	0.71	cps
Indium	115-2	2286373	2278523	2308765	2291220	0.68	cps
Iron	56-2	166691	167567	168582	167613	0.56	cps
Iron	57-2	6079	5990	6452	6174	3.96	cps
Krypton	83-1	490	470	457	472	3.55	cps
Lead	206-1	8181	7675	8047	7967	3.29	cps
Lead	207-1	6946	7041	7280	7089	2.43	cps
Lead	208-1	31315	30998	31087	31133	0.53	cps
Lithium	6-1	2883615	2888124	2891144	2887628	0.13	cps
Magnesium	24-2	877174	887743	893100	886005	0.91	cps

LB Number :	LB104299	Operator :	Jaswal
Lab Sample ID :	K3723-01LDLX10	Instrumnet Name :	P7
Client Sample ID :	MH0AC8L	Dilution Factor :	10
Date & Time Acquired ::	2019-07-29 13:32:53	DataFile Name :	022SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	9048760	9021250	9111655	9060555	0.51	cps
Molybdenum	94-1	792	817	867	825	4.63	cps
Molybdenum	95-1	825	875	758	820	7.14	cps
Molybdenum	96-1	442	533	383	453	16.70	cps
Molybdenum	97-1	175	92	283	183	52.42	cps
Molybdenum	98-1	417	425	533	458	14.20	cps
Neodymium	150-1	158973	156182	158305	157820	0.92	cps
Neodymium	150-2	60067	59357	59501	59642	0.63	cps
Nickel	60-2	8693	9243	9060	8998	3.11	cps
Phosphorus	31-2	100	133	100	111	17.32	cps
Potassium	39-2	135993	138012	138542	137516	0.98	cps
Rhodium	103-1	10565028	10603856	10615180	10594688	0.25	cps
Rhodium	103-2	4821966	4779869	4829710	4810515	0.56	cps
Scandium	45-1	6452101	6439034	6495749	6462295	0.46	cps
Scandium	45-2	278271	279483	279192	278982	0.23	cps
Selenium	77-2	230	247	253	243	4.94	cps
Selenium	78-2	219	246	231	232	5.99	cps
Selenium	82-1	127	171	133	144	16.35	cps
Silicon	28-1	5511806	5513376	5576547	5533909	0.67	cps
Silver	109-1	1417	1342	1375	1378	2.73	cps
Silver	107-1	1742	1550	1392	1561	11.23	cps
Sodium	23-2	413441	414554	421833	416609	1.09	cps
Strontium	86-1	103294	101843	102665	102601	0.71	cps
Strontium	88-1	883664	882877	887982	884841	0.31	cps
Sulfur	34-1	1534010	1517580	1534981	1528857	0.64	cps
Terbium	159-1	16079903	15923411	15972883	15992066	0.50	cps
Terbium	159-2	7531757	7487507	7570857	7530040	0.55	cps
Thallium	203-1	1067	1117	958	1047	7.73	cps
Thallium	205-1	2167	2009	2175	2117	4.44	cps
Thorium	232-1	76807	76707	75769	76428	0.75	cps
Tin	118-1	1692	1825	1533	1684	8.67	cps
Titanium	47-1	175	200	267	214	22.15	cps
Uranium	238-1	265753	263546	263126	264141	0.53	cps
Vanadium	51-2	80	73	73	76	5.09	cps
Yttrium	89-1	13302343	13284377	13343790	13310170	0.23	cps
Yttrium	89-2	1801938	1787524	1806252	1798572	0.55	cps

LB Number :	LB104299	Operator :	Jaswal
Lab Sample ID :	K3723-01LDLX10	Instrumnet Name :	P7
Client Sample ID :	MH0AC8L	Dilution Factor :	10
Date & Time Acquired ::	2019-07-29 13:32:53	DataFile Name :	022SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zinc	66-2	1497521	1485743	1493649	1492304	0.40	cps
Zirconium	90-1	1959	2084	1809	1950	7.06	cps
Zirconium	91-1	458	342	333	378	18.50	cps

LB Number :	LB104299	Operator :	Jaswal
Lab Sample ID :	CCV70	Instrumnet Name :	P7
Client Sample ID :	CCV70	Dilution Factor :	1
Date & Time Acquired ::	2019-07-29 13:44:09	DataFile Name :	023CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	5872656	5900760	5845624	5873013	0.47	cps
Antimony	121-1	6215421	6174773	6174137	6188110	0.38	cps
Arsenic	75-1	1289204	1278743	1258630	1275526	1.22	cps
Barium	135-1	8202220	8140004	8131922	8158049	0.47	cps
Barium	137-1	14342316	14136591	14177868	14218925	0.77	cps
Beryllium	9-1	1125056	1109869	1107081	1114002	0.87	cps
Bismuth	209-1	9259930	9233296	9259951	9251059	0.17	cps
Bismuth	209-2	4896699	4886531	4922704	4901978	0.38	cps
Boron	11-1	762833	764732	770011	765859	0.49	cps
Boron	10-1	166539	165319	168898	166919	1.09	cps
Cadmium	106-1	211093	214198	210828	212039	0.88	cps
Cadmium	108-1	147079	143787	143245	144703	1.43	cps
Cadmium	111-1	1990626	1980860	1970181	1980556	0.52	cps
Calcium	43-1	8493863	8395546	8409198	8432869	0.63	cps
Calcium	44-1	138348349	137215945	137133195	137565829	0.49	cps
Chromium	52-2	1618899	1618539	1616633	1618024	0.08	cps
Cobalt	59-2	2615822	2610715	2623845	2616794	0.25	cps
Copper	63-2	3939733	3931868	3941968	3937856	0.13	cps
Dysprosium	156-1	158	250	242	217	23.40	cps
Dysprosium	156-2	227	217	177	207	12.80	cps
Erbium	164-2	107	80	90	92	14.61	cps
Erbium	164-1	117	142	108	122	14.19	cps
Gadolinium	160-1	158	242	125	175	34.34	cps
Gadolinium	160-2	283	237	270	263	9.13	cps
Holmium	165-1	14972832	15077240	14943682	14997918	0.47	cps
Holmium	165-2	7325577	7353105	7358877	7345853	0.24	cps
Indium	115-1	10930340	10871193	10884706	10895413	0.28	cps
Indium	115-2	2024615	2029896	2043324	2032612	0.47	cps
Iron	56-2	362483641	362737064	362183419	362468041	0.08	cps
Iron	57-2	8948483	8990001	8993186	8977223	0.28	cps
Krypton	83-1	307	347	380	344	10.66	cps
Lead	206-1	5448245	5451793	5462742	5454260	0.14	cps
Lead	207-1	4845793	4815603	4853839	4838411	0.42	cps
Lead	208-1	22471023	22349319	22477802	22432715	0.32	cps
Lithium	6-1	2765981	2732130	2713183	2737098	0.98	cps
Magnesium	24-2	63521758	63849281	63333866	63568301	0.41	cps

LB Number :	LB104299	Operator :	Jaswal
Lab Sample ID :	CCV70	Instrumnet Name :	P7
Client Sample ID :	CCV70	Dilution Factor :	1
Date & Time Acquired ::	2019-07-29 13:44:09	DataFile Name :	023CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	2009972	2006985	1996364	2004440	0.36	cps
Molybdenum	94-1	12994945	12796035	12906154	12899044	0.77	cps
Molybdenum	95-1	16143663	16041894	16099759	16095105	0.32	cps
Molybdenum	96-1	17969560	17831483	17813597	17871546	0.48	cps
Molybdenum	97-1	10215857	10136251	10066958	10139689	0.73	cps
Molybdenum	98-1	26261433	25964937	25859858	26028743	0.80	cps
Neodymium	150-1	753	653	647	684	8.73	cps
Neodymium	150-2	130	140	120	130	7.69	cps
Nickel	60-2	697614	699561	703773	700316	0.45	cps
Phosphorus	31-2	58591	57395	58415	58134	1.11	cps
Potassium	39-2	30599920	30693487	30320629	30538012	0.64	cps
Rhodium	103-1	9096290	9045321	9023212	9054941	0.41	cps
Rhodium	103-2	4081722	4083737	4095138	4086865	0.18	cps
Scandium	45-1	6014688	6000954	5969219	5994954	0.39	cps
Scandium	45-2	258144	258144	259022	258437	0.20	cps
Selenium	77-2	5905	5671	5668	5748	2.36	cps
Selenium	78-2	18664	19027	18807	18833	0.97	cps
Selenium	82-1	127560	125967	125950	126493	0.73	cps
Silicon	28-1	3652121	3636209	3653880	3647403	0.27	cps
Silver	109-1	8240378	8182723	8094081	8172394	0.90	cps
Silver	107-1	8583009	8608894	8597294	8596399	0.15	cps
Sodium	23-2	120215661	119728936	120118728	120021108	0.21	cps
Strontium	86-1	1961865	1967835	1948839	1959513	0.50	cps
Strontium	88-1	17732591	17672330	17609149	17671357	0.35	cps
Sulfur	34-1	847214	832484	817360	832353	1.79	cps
Terbium	159-1	15177451	15229918	15160824	15189398	0.24	cps
Terbium	159-2	7124782	7166494	7174717	7155331	0.37	cps
Thallium	203-1	6988169	7003273	7064720	7018721	0.58	cps
Thallium	205-1	16748698	16730828	16810859	16763462	0.25	cps
Thorium	232-1	25438255	25534808	25594728	25522597	0.31	cps
Tin	118-1	5589372	5591973	5536568	5572638	0.56	cps
Titanium	47-1	3700199	3657049	3628025	3661758	0.99	cps
Uranium	238-1	24980791	24940150	24896642	24939194	0.17	cps
Vanadium	51-2	1313275	1310626	1305424	1309775	0.30	cps
Yttrium	89-1	10945401	10902158	10814242	10887267	0.61	cps
Yttrium	89-2	1472357	1477122	1484621	1478033	0.42	cps

LB Number :	LB104299	Operator :	Jaswal
Lab Sample ID :	CCV70	Instrumnet Name :	P7
Client Sample ID :	CCV70	Dilution Factor :	1
Date & Time Acquired ::	2019-07-29 13:44:09	DataFile Name :	023CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zinc	66-2	669227	668776	670344	669449	0.12	cps
Zirconium	90-1	10597974	10504081	10455746	10519267	0.69	cps
Zirconium	91-1	2255587	2233678	2233938	2241067	0.56	cps

LB Number : LB104299 Operator : Jaswal
 Lab Sample ID : CCB70 Instrumnet Name : P7
 Client Sample ID : CCB70 Dilution Factor : 1
 Date & Time Acquired :: 2019-07-29 13:49:07 DataFile Name : 024CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	117	83	142	114	25.69	cps
Antimony	121-1	3150	3584	3417	3384	6.46	cps
Arsenic	75-1	-362	-304	-76	-247	-61.07	cps
Barium	135-1	225	133	100	153	42.37	cps
Barium	137-1	325	283	233	281	16.36	cps
Beryllium	9-1	150	143	117	137	12.91	cps
Bismuth	209-1	10727159	10585857	10514915	10609310	1.02	cps
Bismuth	209-2	5697336	5831332	5705811	5744826	1.31	cps
Boron	11-1	26716	24429	25280	25475	4.54	cps
Boron	10-1	5735	5618	5310	5554	3.96	cps
Cadmium	106-1	3592	3451	3467	3503	2.21	cps
Cadmium	108-1	13	29	17	19	44.61	cps
Cadmium	111-1	2668	2566	2565	2600	2.28	cps
Calcium	43-1	308	308	233	283	15.28	cps
Calcium	44-1	8028	7819	7702	7850	2.10	cps
Chromium	52-2	853	810	910	858	5.85	cps
Cobalt	59-2	113	87	53	84	35.60	cps
Copper	63-2	1153	1270	1310	1245	6.54	cps
Dysprosium	156-1	50	25	33	36	35.25	cps
Dysprosium	156-2	33	17	17	22	43.28	cps
Erbium	164-2	53	97	80	77	28.51	cps
Erbium	164-1	133	100	92	108	20.35	cps
Gadolinium	160-1	92	58	108	86	29.56	cps
Gadolinium	160-2	220	300	240	253	16.43	cps
Holmium	165-1	15695225	15562056	15522556	15593279	0.58	cps
Holmium	165-2	7718714	7727328	7759002	7735015	0.27	cps
Indium	115-1	12393892	12290732	12291659	12325428	0.48	cps
Indium	115-2	2302793	2325804	2332979	2320525	0.68	cps
Iron	56-2	8636	8536	8975	8716	2.64	cps
Iron	57-2	294	261	294	283	6.79	cps
Krypton	83-1	353	377	373	368	3.43	cps
Lead	206-1	1545	1589	1667	1600	3.87	cps
Lead	207-1	1539	1300	1461	1433	8.50	cps
Lead	208-1	5773	5389	5701	5621	3.62	cps
Lithium	6-1	2934951	2921480	2930993	2929142	0.24	cps
Magnesium	24-2	917	733	725	792	13.69	cps

LB Number :	LB104299	Operator :	Jaswal
Lab Sample ID :	CCB70	Instrumnet Name :	P7
Client Sample ID :	CCB70	Dilution Factor :	1
Date & Time Acquired ::	2019-07-29 13:49:07	DataFile Name :	024CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	83	137	127	116	24.54	cps
Molybdenum	94-1	1517	1317	1208	1347	11.61	cps
Molybdenum	95-1	1483	1217	1275	1325	10.58	cps
Molybdenum	96-1	1584	1675	1450	1570	7.21	cps
Molybdenum	97-1	892	1025	692	870	19.30	cps
Molybdenum	98-1	2217	2209	2084	2170	3.44	cps
Neodymium	150-1	20	7	0	9	114.55	cps
Neodymium	150-2	20	23	13	19	26.96	cps
Nickel	60-2	63	50	53	56	12.49	cps
Phosphorus	31-2	108	125	58	97	35.68	cps
Potassium	39-2	20006	20507	19931	20148	1.55	cps
Rhodium	103-1	10677324	10674551	10652245	10668040	0.13	cps
Rhodium	103-2	4813792	4882340	4887102	4861078	0.84	cps
Scandium	45-1	6484802	6482748	6492596	6486716	0.08	cps
Scandium	45-2	281564	283585	283396	282848	0.39	cps
Selenium	77-2	0	0	0	0	0.00	cps
Selenium	78-2	106	74	78	86	20.05	cps
Selenium	82-1	78	23	-8	31	139.53	cps
Silicon	28-1	141547	145737	142556	143280	1.53	cps
Silver	109-1	458	350	475	428	15.87	cps
Silver	107-1	533	633	550	572	9.36	cps
Sodium	23-2	28803	29012	28587	28801	0.74	cps
Strontium	86-1	600	658	642	633	4.74	cps
Strontium	88-1	592	450	608	550	15.82	cps
Sulfur	34-1	250813	254727	259444	254995	1.69	cps
Terbium	159-1	15840253	15749898	15680362	15756838	0.51	cps
Terbium	159-2	7516749	7559610	7533090	7536483	0.29	cps
Thallium	203-1	1867	1800	1609	1759	7.63	cps
Thallium	205-1	3684	3726	3276	3562	6.98	cps
Thorium	232-1	5435	5268	5068	5257	3.49	cps
Tin	118-1	1575	1567	1750	1631	6.35	cps
Titanium	47-1	225	150	125	167	31.22	cps
Uranium	238-1	3367	3451	3501	3440	1.96	cps
Vanadium	51-2	17	27	10	18	47.19	cps
Yttrium	89-1	11910150	11835836	11772786	11839590	0.58	cps
Yttrium	89-2	1605216	1617773	1619622	1614204	0.49	cps

LB Number :	LB104299	Operator :	Jaswal
Lab Sample ID :	CCB70	Instrumnet Name :	P7
Client Sample ID :	CCB70	Dilution Factor :	1
Date & Time Acquired ::	2019-07-29 13:49:07	DataFile Name :	024CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zinc	66-2	337	360	333	343	4.23	cps
Zirconium	90-1	1533	1600	1342	1492	8.99	cps
Zirconium	91-1	342	383	358	361	5.81	cps

LB Number : LB104299 Operator : Jaswal
 Lab Sample ID : CRIRE Instrumnet Name : P7
 Client Sample ID : CRIRE Dilution Factor : 1
 Date & Time Acquired :: 2019-07-29 14:51:08 DataFile Name : 025LLCC.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	2809	2825	2792	2809	0.59	cps
Antimony	121-1	26234	25658	25032	25641	2.34	cps
Arsenic	75-1	2540	2460	2616	2539	3.07	cps
Barium	135-1	35137	34652	33558	34449	2.35	cps
Barium	137-1	59319	59721	60181	59740	0.72	cps
Beryllium	9-1	3074	3017	2964	3018	1.82	cps
Bismuth	209-1	10410918	10393119	10357963	10387334	0.26	cps
Bismuth	209-2	5677991	5864142	5868597	5803576	1.87	cps
Boron	11-1	47241	49006	49231	48493	2.25	cps
Boron	10-1	10671	10437	10512	10540	1.13	cps
Cadmium	106-1	4101	3909	3967	3992	2.46	cps
Cadmium	108-1	321	279	254	285	11.83	cps
Cadmium	111-1	6547	6112	6425	6361	3.52	cps
Calcium	43-1	20256	20766	20632	20551	1.28	cps
Calcium	44-1	343488	337371	341162	340674	0.91	cps
Chromium	52-2	8903	8796	8616	8772	1.65	cps
Cobalt	59-2	7002	7162	6635	6933	3.90	cps
Copper	63-2	10584	10467	10581	10544	0.63	cps
Dysprosium	156-1	25	33	25	28	17.31	cps
Dysprosium	156-2	10	27	27	21	45.58	cps
Erbium	164-2	77	83	83	81	4.75	cps
Erbium	164-1	50	83	75	69	24.98	cps
Gadolinium	160-1	100	100	108	103	4.68	cps
Gadolinium	160-2	247	293	280	273	8.79	cps
Holmium	165-1	15594333	15676487	15652577	15641133	0.27	cps
Holmium	165-2	7940560	7832779	7831753	7868364	0.79	cps
Indium	115-1	12974044	13028385	13017227	13006552	0.22	cps
Indium	115-2	2443375	2445981	2445192	2444849	0.05	cps
Iron	56-2	188285	188425	188146	188286	0.07	cps
Iron	57-2	5107	5040	5268	5138	2.28	cps
Krypton	83-1	427	370	417	404	7.48	cps
Lead	206-1	12095	12278	12078	12150	0.91	cps
Lead	207-1	10871	11005	11110	10996	1.09	cps
Lead	208-1	48636	48468	48073	48393	0.60	cps
Lithium	6-1	3575533	3584445	3565542	3575173	0.26	cps
Magnesium	24-2	161729	162007	160425	161387	0.52	cps

LB Number :	LB104299	Operator :	Jaswal
Lab Sample ID :	CRIRE	Instrumnet Name :	P7
Client Sample ID :	CRIRE	Dilution Factor :	1
Date & Time Acquired ::	2019-07-29 14:51:08	DataFile Name :	025LLCC.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	2907	2777	2727	2804	3.31	cps
Molybdenum	94-1	27561	29239	27302	28034	3.75	cps
Molybdenum	95-1	35036	34768	34409	34738	0.91	cps
Molybdenum	96-1	38779	37709	39464	38651	2.29	cps
Molybdenum	97-1	22360	22118	21033	21837	3.24	cps
Molybdenum	98-1	54505	55266	54957	54909	0.70	cps
Neodymium	150-1	0	7	20	9	114.55	cps
Neodymium	150-2	3	13	10	9	57.30	cps
Nickel	60-2	1893	1763	2104	1920	8.94	cps
Phosphorus	31-2	508	608	467	528	13.80	cps
Potassium	39-2	171834	171269	170687	171263	0.33	cps
Rhodium	103-1	11623683	11636345	11586883	11615637	0.22	cps
Rhodium	103-2	5347535	5276479	5302083	5308699	0.68	cps
Scandium	45-1	7489374	7510157	7536685	7512072	0.32	cps
Scandium	45-2	323039	320451	320841	321444	0.43	cps
Selenium	77-2	73	77	77	76	2.55	cps
Selenium	78-2	311	330	304	315	4.24	cps
Selenium	82-1	1548	1598	1535	1560	2.13	cps
Silicon	28-1	254751	256732	258760	256747	0.78	cps
Silver	109-1	18446	17929	17411	17929	2.89	cps
Silver	107-1	18638	19372	18655	18888	2.22	cps
Sodium	23-2	311787	306862	301867	306838	1.62	cps
Strontium	86-1	4959	5268	4809	5012	4.66	cps
Strontium	88-1	39179	39330	38219	38909	1.55	cps
Sulfur	34-1	346016	346795	347653	346821	0.24	cps
Terbium	159-1	15853525	16056354	15985549	15965143	0.64	cps
Terbium	159-2	7770624	7730427	7718032	7739694	0.36	cps
Thallium	203-1	14676	15552	14617	14948	3.50	cps
Thallium	205-1	33970	33735	34496	34067	1.14	cps
Thorium	232-1	46304	46037	45195	45845	1.26	cps
Tin	118-1	61352	61946	62146	61815	0.67	cps
Titanium	47-1	9529	9237	9612	9459	2.08	cps
Uranium	238-1	48558	48048	47839	48148	0.77	cps
Vanadium	51-2	17017	16436	16870	16774	1.80	cps
Yttrium	89-1	12806781	12909858	12774639	12830426	0.55	cps
Yttrium	89-2	1747628	1736922	1738891	1741147	0.33	cps

LB Number :	LB104299	Operator :	Jaswal
Lab Sample ID :	CRIRE	Instrumnet Name :	P7
Client Sample ID :	CRIRE	Dilution Factor :	1
Date & Time Acquired ::	2019-07-29 14:51:08	DataFile Name :	025LLCC.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zinc	66-2	1893	2130	1890	1971	6.98	cps
Zirconium	90-1	22151	23286	22535	22658	2.55	cps
Zirconium	91-1	5026	5101	5059	5062	0.74	cps

LB Number : LB104299 Operator : Jaswal
 Lab Sample ID : PB121732BLRE Instrumnet Name : P7
 Client Sample ID : PB121732BLRE Dilution Factor : 1
 Date & Time Acquired :: 2019-07-29 14:54:45 DataFile Name : 026CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	125	67	75	89	35.50	cps
Antimony	121-1	225	158	175	186	18.64	cps
Arsenic	75-1	-319	24	-414	-236	-97.48	cps
Barium	135-1	42	58	42	47	20.38	cps
Barium	137-1	42	58	67	56	22.91	cps
Beryllium	9-1	127	143	103	124	16.14	cps
Bismuth	209-1	10438556	10121374	10306910	10288947	1.55	cps
Bismuth	209-2	5568002	5645460	5645119	5619527	0.79	cps
Boron	11-1	5118	4734	5401	5084	6.58	cps
Boron	10-1	1033	1108	992	1045	5.66	cps
Cadmium	106-1	4368	3792	3709	3956	9.06	cps
Cadmium	108-1	21	25	8	18	48.05	cps
Cadmium	111-1	3076	2658	2603	2779	9.31	cps
Calcium	43-1	175	175	242	197	19.52	cps
Calcium	44-1	7436	7511	7402	7450	0.75	cps
Chromium	52-2	880	970	903	918	5.09	cps
Cobalt	59-2	53	80	93	76	26.96	cps
Copper	63-2	897	993	997	962	5.90	cps
Dysprosium	156-1	50	0	0	17	173.21	cps
Dysprosium	156-2	47	37	20	34	39.11	cps
Erbium	164-2	77	57	117	83	36.66	cps
Erbium	164-1	50	92	67	69	30.20	cps
Gadolinium	160-1	75	58	108	81	31.60	cps
Gadolinium	160-2	247	260	250	252	2.75	cps
Holmium	165-1	15645262	15259382	15590321	15498322	1.35	cps
Holmium	165-2	7708756	7782186	7725650	7738864	0.50	cps
Indium	115-1	12937964	12676283	12781794	12798680	1.03	cps
Indium	115-2	2414338	2448644	2459607	2440863	0.97	cps
Iron	56-2	5090	5246	5034	5123	2.14	cps
Iron	57-2	289	228	217	244	15.91	cps
Krypton	83-1	360	420	310	363	15.16	cps
Lead	206-1	1072	1000	989	1020	4.43	cps
Lead	207-1	822	972	1022	939	11.09	cps
Lead	208-1	3411	3606	3561	3526	2.89	cps
Lithium	6-1	3550965	3496363	3523081	3523470	0.77	cps
Magnesium	24-2	150	133	192	158	18.98	cps

LB Number : LB104299 Operator : Jaswal
 Lab Sample ID : PB121732BLRE Instrumnet Name : P7
 Client Sample ID : PB121732BLRE Dilution Factor : 1
 Date & Time Acquired :: 2019-07-29 14:54:45 DataFile Name : 026CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	87	67	70	74	14.39	cps
Molybdenum	94-1	500	383	375	419	16.66	cps
Molybdenum	95-1	133	50	108	97	43.99	cps
Molybdenum	96-1	150	192	125	156	21.65	cps
Molybdenum	97-1	100	75	58	78	26.96	cps
Molybdenum	98-1	208	175	217	200	11.02	cps
Neodymium	150-1	13	13	7	11	34.61	cps
Neodymium	150-2	23	10	33	22	52.68	cps
Nickel	60-2	47	50	73	57	25.64	cps
Phosphorus	31-2	125	75	142	114	30.46	cps
Potassium	39-2	21458	21758	22468	21895	2.37	cps
Rhodium	103-1	11624054	11329837	11491901	11481931	1.28	cps
Rhodium	103-2	5246430	5264448	5316958	5275945	0.69	cps
Scandium	45-1	7460223	7250393	7392863	7367826	1.45	cps
Scandium	45-2	314928	318149	319721	317599	0.77	cps
Selenium	77-2	0	0	0	0	0.00	cps
Selenium	78-2	96	83	87	89	7.51	cps
Selenium	82-1	42	-35	104	37	187.06	cps
Silicon	28-1	174044	172712	175678	174145	0.85	cps
Silver	109-1	133	83	92	103	26.06	cps
Silver	107-1	183	175	167	175	4.76	cps
Sodium	23-2	12547	13407	13256	13070	3.51	cps
Strontium	86-1	633	608	583	608	4.11	cps
Strontium	88-1	317	442	400	386	16.48	cps
Sulfur	34-1	333386	339532	339978	337632	1.09	cps
Terbium	159-1	16091362	15613681	15829895	15844979	1.51	cps
Terbium	159-2	7637266	7620892	7658351	7638836	0.25	cps
Thallium	203-1	867	808	883	853	4.62	cps
Thallium	205-1	1208	1242	1192	1214	2.10	cps
Thorium	232-1	2517	2539	2517	2524	0.51	cps
Tin	118-1	692	733	692	706	3.41	cps
Titanium	47-1	125	142	150	139	9.16	cps
Uranium	238-1	3000	3000	3176	3059	3.30	cps
Vanadium	51-2	7	7	3	6	34.70	cps
Yttrium	89-1	12781804	12438881	12633111	12617932	1.36	cps
Yttrium	89-2	1713884	1736817	1738550	1729750	0.80	cps

LB Number :	LB104299	Operator :	Jaswal
Lab Sample ID :	PB121732BLRE	Instrumnet Name :	P7
Client Sample ID :	PB121732BLRE	Dilution Factor :	1
Date & Time Acquired ::	2019-07-29 14:54:45	DataFile Name :	026CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zinc	66-2	473	413	363	417	13.22	cps
Zirconium	90-1	1083	1092	1208	1128	6.20	cps
Zirconium	91-1	283	183	242	236	21.28	cps

LB Number : LB104299 Operator : Jaswal
 Lab Sample ID : PB121732BS Instrumnet Name : P7
 Client Sample ID : PB121732BS Dilution Factor : 1
 Date & Time Acquired :: 2019-07-29 14:58:22 DataFile Name : 027DLCW.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	1127376	1142965	1151937	1140759	1.09	cps
Antimony	121-1	6493426	6409652	6378254	6427111	0.93	cps
Arsenic	75-1	1315223	1299720	1272467	1295803	1.67	cps
Barium	135-1	8377023	8340971	8219219	8312404	0.99	cps
Barium	137-1	14570073	14460296	14417850	14482740	0.54	cps
Beryllium	9-1	1208856	1183503	1164459	1185606	1.88	cps
Bismuth	209-1	9868532	9837214	9861152	9855632	0.17	cps
Bismuth	209-2	5198426	5270365	5227252	5232015	0.69	cps
Boron	11-1	798441	797227	795580	797083	0.18	cps
Boron	10-1	175273	173401	173350	174008	0.63	cps
Cadmium	106-1	197692	195285	192760	195246	1.26	cps
Cadmium	108-1	133619	131217	131853	132229	0.94	cps
Cadmium	111-1	1807555	1792033	1771380	1790323	1.01	cps
Calcium	43-1	1783719	1754456	1720510	1752895	1.80	cps
Calcium	44-1	30065387	29424513	28811449	29433783	2.13	cps
Chromium	52-2	1629150	1649833	1632465	1637149	0.68	cps
Cobalt	59-2	2697147	2723811	2714903	2711954	0.50	cps
Copper	63-2	3819950	3868500	3834852	3841100	0.65	cps
Dysprosium	156-1	158	142	125	142	11.76	cps
Dysprosium	156-2	140	133	170	148	13.21	cps
Erbium	164-2	50	103	50	68	45.44	cps
Erbium	164-1	100	92	150	114	27.70	cps
Gadolinium	160-1	108	167	100	125	29.06	cps
Gadolinium	160-2	223	240	270	244	9.67	cps
Holmium	165-1	14961277	14956242	14950145	14955888	0.04	cps
Holmium	165-2	7295533	7387414	7338928	7340625	0.63	cps
Indium	115-1	11469421	11259848	11241755	11323675	1.12	cps
Indium	115-2	2058759	2086039	2073914	2072904	0.66	cps
Iron	56-2	74339707	75020202	74062143	74474017	0.66	cps
Iron	57-2	1772723	1806660	1791653	1790346	0.95	cps
Krypton	83-1	377	343	337	352	6.08	cps
Lead	206-1	5644556	5601230	5640544	5628777	0.43	cps
Lead	207-1	4995119	4977569	4977562	4983417	0.20	cps
Lead	208-1	23287160	23041621	23277597	23202126	0.60	cps
Lithium	6-1	2923267	2848055	2794580	2855301	2.26	cps
Magnesium	24-2	13327510	13558643	13365326	13417160	0.92	cps

LB Number :	LB104299	Operator :	Jaswal
Lab Sample ID :	PB121732BS	Instrumnet Name :	P7
Client Sample ID :	PB121732BS	Dilution Factor :	1
Date & Time Acquired ::	2019-07-29 14:58:22	DataFile Name :	027DLCW.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	2050020	2080140	2054545	2061568	0.79	cps
Molybdenum	94-1	13392086	13193730	13106688	13230835	1.11	cps
Molybdenum	95-1	16672259	16516801	16315636	16501565	1.08	cps
Molybdenum	96-1	18379838	18312895	17953670	18215468	1.26	cps
Molybdenum	97-1	10434323	10297273	10167664	10299753	1.29	cps
Molybdenum	98-1	26855392	26584540	26120634	26520189	1.40	cps
Neodymium	150-1	600	507	580	562	8.74	cps
Neodymium	150-2	87	53	63	68	25.24	cps
Nickel	60-2	710584	714379	707022	710662	0.52	cps
Phosphorus	31-2	61687	62180	62114	61994	0.43	cps
Potassium	39-2	6225140	6295977	6316967	6279361	0.77	cps
Rhodium	103-1	9743441	9696525	9491725	9643897	1.39	cps
Rhodium	103-2	4255374	4291110	4291189	4279224	0.48	cps
Scandium	45-1	6234097	6114661	6014527	6121095	1.80	cps
Scandium	45-2	257675	262729	257432	259279	1.15	cps
Selenium	77-2	5675	5611	5608	5631	0.67	cps
Selenium	78-2	18560	18747	18716	18674	0.54	cps
Selenium	82-1	128679	127393	124803	126958	1.55	cps
Silicon	28-1	4057000	3991592	3906683	3985092	1.89	cps
Silver	109-1	8224933	8153116	8087214	8155088	0.84	cps
Silver	107-1	8688890	8613600	8535182	8612557	0.89	cps
Sodium	23-2	25080517	25495677	25160554	25245583	0.87	cps
Strontium	86-1	2040449	1993868	1969897	2001405	1.79	cps
Strontium	88-1	18367406	18092923	17970543	18143624	1.12	cps
Sulfur	34-1	916838	883091	860656	886862	3.19	cps
Terbium	159-1	15170305	15251019	15052664	15157996	0.66	cps
Terbium	159-2	7123143	7186948	7107019	7139037	0.59	cps
Thallium	203-1	7318205	7246622	7260156	7274994	0.52	cps
Thallium	205-1	17289000	17214750	17306648	17270133	0.28	cps
Thorium	232-1	25255664	25511655	25508375	25425231	0.58	cps
Tin	118-1	5865948	5735439	5747156	5782848	1.25	cps
Titanium	47-1	3881866	3786686	3734265	3800939	1.97	cps
Uranium	238-1	24554008	24863948	24991714	24803223	0.91	cps
Vanadium	51-2	1321544	1331337	1322687	1325189	0.40	cps
Yttrium	89-1	11300264	11064551	10952945	11105920	1.60	cps
Yttrium	89-2	1466249	1480637	1475232	1474039	0.49	cps

LB Number :	LB104299	Operator :	Jaswal
Lab Sample ID :	PB121732BS	Instrumnet Name :	P7
Client Sample ID :	PB121732BS	Dilution Factor :	1
Date & Time Acquired ::	2019-07-29 14:58:22	DataFile Name :	027DLCW.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zinc	66-2	615416	624519	615473	618469	0.85	cps
Zirconium	90-1	10900035	10689665	10556624	10715441	1.62	cps
Zirconium	91-1	2333538	2270404	2253541	2285828	1.84	cps

LB Number :	LB104299	Operator :	Jaswal
Lab Sample ID :	K3985-01	Instrumnet Name :	P7
Client Sample ID :	390717087.2	Dilution Factor :	1
Date & Time Acquired ::	2019-07-29 15:01:58	DataFile Name :	028SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	3976	3751	4017	3915	3.67	cps
Antimony	121-1	6568	6727	7069	6788	3.77	cps
Arsenic	75-1	502	107	380	330	61.28	cps
Barium	135-1	57143	58081	58557	57927	1.24	cps
Barium	137-1	102031	102435	103257	102575	0.61	cps
Beryllium	9-1	247	213	223	228	7.51	cps
Bismuth	209-1	9852590	9995953	10159921	10002821	1.54	cps
Bismuth	209-2	5363255	5451389	5301262	5371969	1.40	cps
Boron	11-1	104828	105912	104434	105058	0.73	cps
Boron	10-1	22876	23018	21758	22551	3.06	cps
Cadmium	106-1	3184	3301	3342	3276	2.51	cps
Cadmium	108-1	63	46	42	50	22.05	cps
Cadmium	111-1	2464	2612	2556	2544	2.93	cps
Calcium	43-1	805208	804915	808709	806277	0.26	cps
Calcium	44-1	13530939	13621797	13661050	13604596	0.49	cps
Chromium	52-2	1567	1643	1597	1602	2.41	cps
Cobalt	59-2	3734	3804	3387	3642	6.13	cps
Copper	63-2	308152	312782	307774	309569	0.90	cps
Dysprosium	156-1	83	100	75	86	14.78	cps
Dysprosium	156-2	63	63	70	66	5.87	cps
Erbium	164-2	120	100	80	100	20.00	cps
Erbium	164-1	150	108	117	125	17.64	cps
Gadolinium	160-1	83	158	258	167	52.68	cps
Gadolinium	160-2	317	267	250	278	12.49	cps
Holmium	165-1	14972560	15049072	15307400	15109677	1.16	cps
Holmium	165-2	7525217	7632225	7459939	7539127	1.15	cps
Indium	115-1	11391782	11580753	11686336	11552957	1.29	cps
Indium	115-2	2178986	2207788	2179189	2188655	0.76	cps
Iron	56-2	42100	41292	39609	41000	3.10	cps
Iron	57-2	5996	6435	6074	6168	3.80	cps
Krypton	83-1	343	333	317	331	4.07	cps
Lead	206-1	56542	57351	57062	56985	0.72	cps
Lead	207-1	48360	49169	49821	49117	1.49	cps
Lead	208-1	220692	224982	224247	223307	1.03	cps
Lithium	6-1	2769676	2778304	2796539	2781506	0.49	cps
Magnesium	24-2	1997836	2006394	1979693	1994641	0.68	cps

LB Number :	LB104299	Operator :	Jaswal
Lab Sample ID :	K3985-01	Instrumnet Name :	P7
Client Sample ID :	390717087.2	Dilution Factor :	1
Date & Time Acquired ::	2019-07-29 15:01:58	DataFile Name :	028SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	49172	49992	49128	49431	0.98	cps
Molybdenum	94-1	3667	3826	3342	3612	6.82	cps
Molybdenum	95-1	3809	3309	3367	3495	7.82	cps
Molybdenum	96-1	4743	4101	3976	4273	9.63	cps
Molybdenum	97-1	2425	2167	2134	2242	7.12	cps
Molybdenum	98-1	6010	5818	5751	5860	2.29	cps
Neodymium	150-1	13	27	47	29	58.08	cps
Neodymium	150-2	13	17	30	20	44.10	cps
Nickel	60-2	7035	7219	7115	7123	1.29	cps
Phosphorus	31-2	5143	4993	4768	4968	3.80	cps
Potassium	39-2	552643	554302	546578	551174	0.74	cps
Rhodium	103-1	9687275	9818932	9945109	9817105	1.31	cps
Rhodium	103-2	4491210	4559491	4479253	4509985	0.96	cps
Scandium	45-1	6009916	6050910	6152967	6071264	1.21	cps
Scandium	45-2	268876	272099	267499	269491	0.88	cps
Selenium	77-2	0	0	0	0	0.00	cps
Selenium	78-2	85	69	74	76	11.18	cps
Selenium	82-1	69	116	134	106	31.54	cps
Silicon	28-1	24084643	24258102	24302152	24214965	0.47	cps
Silver	109-1	983	608	517	703	35.18	cps
Silver	107-1	1067	925	733	908	18.42	cps
Sodium	23-2	32158193	32460498	31975053	32197915	0.76	cps
Strontium	86-1	369312	369733	369740	369595	0.07	cps
Strontium	88-1	3244961	3238407	3238343	3240570	0.12	cps
Sulfur	34-1	1111198	1110857	1108318	1110124	0.14	cps
Terbium	159-1	15074874	15259356	15398354	15244195	1.06	cps
Terbium	159-2	7333699	7390264	7261456	7328473	0.88	cps
Thallium	203-1	2817	2325	2209	2450	13.18	cps
Thallium	205-1	5485	4684	4601	4923	9.91	cps
Thorium	232-1	9431	8881	8164	8825	7.20	cps
Tin	118-1	3859	3917	4034	3937	2.26	cps
Titanium	47-1	1392	1709	1367	1489	12.79	cps
Uranium	238-1	5693	5443	5501	5546	2.36	cps
Vanadium	51-2	360	413	370	381	7.44	cps
Yttrium	89-1	10991007	11065119	11248354	11101493	1.19	cps
Yttrium	89-2	1524901	1543320	1521795	1530005	0.76	cps

LB Number :	LB104299	Operator :	Jaswal
Lab Sample ID :	K3985-01	Instrumnet Name :	P7
Client Sample ID :	390717087.2	Dilution Factor :	1
Date & Time Acquired ::	2019-07-29 15:01:58	DataFile Name :	028SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zinc	66-2	32931	33605	33418	33318	1.05	cps
Zirconium	90-1	5134	5076	4951	5054	1.85	cps
Zirconium	91-1	1225	858	992	1025	18.11	cps

LB Number :	LB104299	Operator :	Jaswal
Lab Sample ID :	K3985-01DUP	Instrumnet Name :	P7
Client Sample ID :	390717087.2DUP	Dilution Factor :	1
Date & Time Acquired ::	2019-07-29 15:05:36	DataFile Name :	029SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	3759	3909	3667	3778	3.23	cps
Antimony	121-1	2925	2809	2859	2864	2.04	cps
Arsenic	75-1	129	-12	240	119	106.06	cps
Barium	135-1	59000	60014	59947	59654	0.95	cps
Barium	137-1	102955	102754	102955	102888	0.11	cps
Beryllium	9-1	113	150	97	120	22.73	cps
Bismuth	209-1	10111562	10134059	10251898	10165840	0.74	cps
Bismuth	209-2	5481579	5470501	5492916	5481665	0.20	cps
Boron	11-1	92290	91922	91879	92030	0.25	cps
Boron	10-1	19038	19639	20389	19689	3.44	cps
Cadmium	106-1	3842	3217	3042	3367	12.49	cps
Cadmium	108-1	50	71	46	56	24.12	cps
Cadmium	111-1	2796	2357	2235	2463	11.99	cps
Calcium	43-1	827390	829515	833978	830294	0.40	cps
Calcium	44-1	13900976	13975254	14088474	13988235	0.68	cps
Chromium	52-2	1567	1707	1760	1678	5.95	cps
Cobalt	59-2	3667	3771	3871	3769	2.70	cps
Copper	63-2	320643	322366	323436	322148	0.44	cps
Dysprosium	156-1	58	67	75	67	12.49	cps
Dysprosium	156-2	60	87	37	61	40.94	cps
Erbium	164-2	113	97	90	100	12.02	cps
Erbium	164-1	133	92	108	111	18.88	cps
Gadolinium	160-1	233	183	175	197	16.00	cps
Gadolinium	160-2	310	297	330	312	5.37	cps
Holmium	165-1	15204503	15269577	15446106	15306729	0.82	cps
Holmium	165-2	7679548	7668909	7741014	7696490	0.51	cps
Indium	115-1	11743696	11759764	11834892	11779451	0.41	cps
Indium	115-2	2219125	2240857	2230633	2230205	0.49	cps
Iron	56-2	38757	38434	38100	38430	0.86	cps
Iron	57-2	5746	6146	6335	6076	4.95	cps
Krypton	83-1	357	303	307	322	9.27	cps
Lead	206-1	57909	58138	57580	57876	0.48	cps
Lead	207-1	49136	49721	50257	49704	1.13	cps
Lead	208-1	227508	226820	226092	226807	0.31	cps
Lithium	6-1	2813532	2830179	2838455	2827388	0.45	cps
Magnesium	24-2	2046315	2052401	2050933	2049883	0.15	cps

LB Number :	LB104299	Operator :	Jaswal
Lab Sample ID :	K3985-01DUP	Instrumnet Name :	P7
Client Sample ID :	390717087.2DUP	Dilution Factor :	1
Date & Time Acquired ::	2019-07-29 15:05:36	DataFile Name :	029SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	50657	50864	50871	50797	0.24	cps
Molybdenum	94-1	2292	2142	2100	2178	4.63	cps
Molybdenum	95-1	1125	1317	1283	1242	8.25	cps
Molybdenum	96-1	1675	1759	1759	1731	2.78	cps
Molybdenum	97-1	692	875	875	814	13.01	cps
Molybdenum	98-1	1950	1867	2067	1961	5.12	cps
Neodymium	150-1	27	13	33	24	41.66	cps
Neodymium	150-2	23	33	33	30	19.25	cps
Nickel	60-2	7299	7345	7382	7342	0.57	cps
Phosphorus	31-2	5176	5001	5093	5090	1.72	cps
Potassium	39-2	561055	568227	569384	566222	0.80	cps
Rhodium	103-1	9985635	10044053	10045040	10024909	0.34	cps
Rhodium	103-2	4618885	4604542	4635188	4619539	0.33	cps
Scandium	45-1	6215627	6219481	6262968	6232692	0.42	cps
Scandium	45-2	274987	276117	279328	276811	0.81	cps
Selenium	77-2	3	0	0	1	173.21	cps
Selenium	78-2	59	74	83	72	16.81	cps
Selenium	82-1	75	123	103	100	23.61	cps
Silicon	28-1	24891517	24987806	25322439	25067254	0.90	cps
Silver	109-1	150	125	208	161	26.54	cps
Silver	107-1	275	250	267	264	4.83	cps
Sodium	23-2	32946490	33121940	32847571	32972000	0.42	cps
Strontium	86-1	378385	383543	384621	382183	0.87	cps
Strontium	88-1	3289084	3328523	3336613	3318073	0.77	cps
Sulfur	34-1	1140364	1143862	1144396	1142874	0.19	cps
Terbium	159-1	15409695	15621242	15602407	15544448	0.75	cps
Terbium	159-2	7493446	7503994	7537939	7511793	0.31	cps
Thallium	203-1	1225	1167	1183	1192	2.52	cps
Thallium	205-1	2259	2342	2400	2334	3.05	cps
Thorium	232-1	4056	3967	4095	4040	1.62	cps
Tin	118-1	2867	2992	3167	3009	5.01	cps
Titanium	47-1	1083	1292	1092	1156	10.21	cps
Uranium	238-1	3601	3859	3509	3656	4.97	cps
Vanadium	51-2	437	373	323	378	15.03	cps
Yttrium	89-1	11282134	11357574	11411255	11350321	0.57	cps
Yttrium	89-2	1561606	1582771	1575719	1573365	0.68	cps

LB Number :	LB104299	Operator :	Jaswal
Lab Sample ID :	K3985-01DUP	Instrumnet Name :	P7
Client Sample ID :	390717087.2DUP	Dilution Factor :	1
Date & Time Acquired ::	2019-07-29 15:05:36	DataFile Name :	029SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zinc	66-2	33599	34591	34060	34083	1.46	cps
Zirconium	90-1	4201	4267	3984	4151	3.57	cps
Zirconium	91-1	858	975	758	864	12.55	cps

LB Number :	LB104299	Operator :	Jaswal
Lab Sample ID :	K3985-01LX5	Instrumnet Name :	P7
Client Sample ID :	390717087.2L	Dilution Factor :	5
Date & Time Acquired ::	2019-07-29 15:09:12	DataFile Name :	030SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	783	900	642	775	16.69	cps
Antimony	121-1	1083	1058	867	1003	11.82	cps
Arsenic	75-1	-195	-236	79	-117	-145.84	cps
Barium	135-1	11964	11981	12439	12128	2.22	cps
Barium	137-1	21083	20349	20916	20783	1.85	cps
Beryllium	9-1	93	77	97	89	12.05	cps
Bismuth	209-1	10597743	10376812	10374697	10449751	1.23	cps
Bismuth	209-2	5562827	5585672	5570050	5572850	0.21	cps
Boron	11-1	30541	29505	28762	29602	3.02	cps
Boron	10-1	6360	6327	6418	6368	0.73	cps
Cadmium	106-1	3259	3526	3592	3459	5.10	cps
Cadmium	108-1	25	21	17	21	19.99	cps
Cadmium	111-1	2314	2524	2549	2462	5.25	cps
Calcium	43-1	173455	169848	166350	169884	2.09	cps
Calcium	44-1	2780768	2760958	2752542	2764756	0.52	cps
Chromium	52-2	1040	903	1013	986	7.35	cps
Cobalt	59-2	760	743	817	773	4.97	cps
Copper	63-2	65800	66106	65841	65916	0.25	cps
Dysprosium	156-1	25	58	8	31	83.33	cps
Dysprosium	156-2	30	40	37	36	14.32	cps
Erbium	164-2	70	97	87	84	15.95	cps
Erbium	164-1	33	108	67	69	54.12	cps
Gadolinium	160-1	100	167	125	131	25.80	cps
Gadolinium	160-2	270	340	283	298	12.48	cps
Holmium	165-1	15601606	15365917	15385017	15450847	0.85	cps
Holmium	165-2	7656138	7609852	7582278	7616089	0.49	cps
Indium	115-1	12188929	12117292	12062787	12123003	0.52	cps
Indium	115-2	2284434	2259368	2245847	2263216	0.87	cps
Iron	56-2	11232	11071	11049	11117	0.90	cps
Iron	57-2	1356	1345	1433	1378	3.52	cps
Krypton	83-1	327	310	303	313	3.84	cps
Lead	206-1	12684	11922	12273	12293	3.10	cps
Lead	207-1	10977	10905	10693	10858	1.36	cps
Lead	208-1	49437	48313	48786	48846	1.15	cps
Lithium	6-1	2914766	2896693	2872616	2894692	0.73	cps
Magnesium	24-2	410769	408709	411580	410353	0.36	cps

LB Number :	LB104299	Operator :	Jaswal
Lab Sample ID :	K3985-01LX5	Instrumnet Name :	P7
Client Sample ID :	390717087.2L	Dilution Factor :	5
Date & Time Acquired ::	2019-07-29 15:09:12	DataFile Name :	030SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	10217	9923	10194	10111	1.61	cps
Molybdenum	94-1	792	750	725	756	4.46	cps
Molybdenum	95-1	483	417	417	439	8.77	cps
Molybdenum	96-1	467	700	650	606	20.29	cps
Molybdenum	97-1	208	267	300	258	17.96	cps
Molybdenum	98-1	742	808	767	772	4.36	cps
Neodymium	150-1	7	7	27	13	86.58	cps
Neodymium	150-2	13	33	27	24	41.66	cps
Nickel	60-2	1403	1440	1587	1477	6.57	cps
Phosphorus	31-2	1100	1175	1008	1095	7.63	cps
Potassium	39-2	129125	126880	126419	127475	1.14	cps
Rhodium	103-1	10528752	10384620	10373832	10429068	0.83	cps
Rhodium	103-2	4730916	4725657	4693628	4716734	0.43	cps
Scandium	45-1	6365869	6376729	6354606	6365735	0.17	cps
Scandium	45-2	275605	274223	272288	274039	0.61	cps
Selenium	77-2	0	0	0	0	0.00	cps
Selenium	78-2	81	72	74	76	6.45	cps
Selenium	82-1	29	64	81	58	45.67	cps
Silicon	28-1	5254405	5227660	5201692	5227919	0.50	cps
Silver	109-1	133	92	117	114	18.41	cps
Silver	107-1	200	233	242	225	9.80	cps
Sodium	23-2	6593461	6557142	6549342	6566648	0.36	cps
Strontium	86-1	78012	79522	78155	78563	1.06	cps
Strontium	88-1	679978	680407	673940	678108	0.53	cps
Sulfur	34-1	423277	419901	422711	421963	0.43	cps
Terbium	159-1	15725174	15624981	15531160	15627105	0.62	cps
Terbium	159-2	7433346	7412590	7389883	7411940	0.29	cps
Thallium	203-1	883	925	1050	953	9.10	cps
Thallium	205-1	1650	1433	1525	1536	7.08	cps
Thorium	232-1	2962	3395	3189	3182	6.81	cps
Tin	118-1	1175	1150	1175	1167	1.24	cps
Titanium	47-1	317	350	292	319	9.16	cps
Uranium	238-1	2917	3234	3409	3187	7.82	cps
Vanadium	51-2	120	47	87	84	43.48	cps
Yttrium	89-1	11586531	11577743	11550244	11571506	0.16	cps
Yttrium	89-2	1571491	1565479	1577443	1571471	0.38	cps

LB Number :	LB104299	Operator :	Jaswal
Lab Sample ID :	K3985-01LX5	Instrumnet Name :	P7
Client Sample ID :	390717087.2L	Dilution Factor :	5
Date & Time Acquired ::	2019-07-29 15:09:12	DataFile Name :	030SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zinc	66-2	7369	7455	7262	7362	1.32	cps
Zirconium	90-1	1625	1367	1500	1497	8.63	cps
Zirconium	91-1	383	300	300	328	14.68	cps

LB Number :	LB104299	Operator :	Jaswal
Lab Sample ID :	K3985-01MS	Instrumnet Name :	P7
Client Sample ID :	390717087.2MS	Dilution Factor :	1
Date & Time Acquired ::	2019-07-29 15:12:47	DataFile Name :	031SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	219841	221710	219775	220442	0.50	cps
Antimony	121-1	10238433	10257361	10379851	10291882	0.75	cps
Arsenic	75-1	1920870	1898841	1936324	1918678	0.98	cps
Barium	135-1	705208	695938	707393	702846	0.87	cps
Barium	137-1	1232241	1206687	1225430	1221453	1.08	cps
Beryllium	9-1	451050	451592	454187	452277	0.37	cps
Bismuth	209-1	9838289	9809716	9929163	9859056	0.63	cps
Bismuth	209-2	5289137	5330068	5291800	5303668	0.43	cps
Boron	11-1	530231	536234	553163	539876	2.20	cps
Boron	10-1	117076	117161	121543	118594	2.15	cps
Cadmium	106-1	64598	65695	65737	65343	0.99	cps
Cadmium	108-1	46681	46267	46493	46480	0.45	cps
Cadmium	111-1	702557	702560	709172	704763	0.54	cps
Calcium	43-1	826334	823488	836707	828843	0.84	cps
Calcium	44-1	13936887	13918033	14097956	13984292	0.71	cps
Chromium	52-2	1332099	1349538	1343490	1341709	0.66	cps
Cobalt	59-2	1135585	1135942	1145668	1139065	0.50	cps
Copper	63-2	1516627	1514714	1532305	1521215	0.63	cps
Dysprosium	156-1	702337	1433301	706509	947382	44.42	cps
Dysprosium	156-2	221940	222468	222221	222210	0.12	cps
Erbium	164-2	137	173	123	144	17.92	cps
Erbium	164-1	233	183	208	208	12.00	cps
Gadolinium	160-1	283	317	333	311	8.18	cps
Gadolinium	160-2	320	463	387	390	18.39	cps
Holmium	165-1	14858724	14764420	14905482	14842875	0.48	cps
Holmium	165-2	7387865	7462557	7347104	7399175	0.79	cps
Indium	115-1	11223192	11257607	11265529	11248776	0.20	cps
Indium	115-2	2106247	2124425	2106783	2112485	0.49	cps
Iron	56-2	9229354	9235719	9358802	9274625	0.79	cps
Iron	57-2	224917	226142	228203	226421	0.73	cps
Krypton	83-1	313	330	370	338	8.62	cps
Lead	206-1	12098716	11983999	12153909	12078874	0.72	cps
Lead	207-1	10605237	10574390	10693285	10624304	0.58	cps
Lead	208-1	48076413	47829542	48458648	48121534	0.66	cps
Lithium	6-1	2864649	2847045	2882136	2864610	0.61	cps
Magnesium	24-2	2438875	2455988	2462767	2452543	0.50	cps

LB Number :	LB104299	Operator :	Jaswal
Lab Sample ID :	K3985-01MS	Instrumnet Name :	P7
Client Sample ID :	390717087.2MS	Dilution Factor :	1
Date & Time Acquired ::	2019-07-29 15:12:47	DataFile Name :	031SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	459646	462885	464044	462192	0.49	cps
Molybdenum	94-1	1334914	1334146	1342020	1337026	0.32	cps
Molybdenum	95-1	2343664	2330908	2360238	2344937	0.63	cps
Molybdenum	96-1	2493605	2488977	2522848	2501810	0.73	cps
Molybdenum	97-1	1459848	1463810	1475988	1466549	0.57	cps
Molybdenum	98-1	3779238	3775712	3825387	3793445	0.73	cps
Neodymium	150-1	107	113	100	107	6.25	cps
Neodymium	150-2	57	43	40	47	18.90	cps
Nickel	60-2	746345	743208	754275	747943	0.76	cps
Phosphorus	31-2	41016	41601	43205	41941	2.70	cps
Potassium	39-2	2972858	2979910	3020784	2991184	0.87	cps
Rhodium	103-1	9677763	9688674	9718901	9695113	0.22	cps
Rhodium	103-2	4430883	4464671	4420444	4438666	0.52	cps
Scandium	45-1	5979918	5968113	6000102	5982711	0.27	cps
Scandium	45-2	262166	262197	262640	262334	0.10	cps
Selenium	77-2	22391	22588	22110	22363	1.07	cps
Selenium	78-2	74175	74845	74013	74345	0.59	cps
Selenium	82-1	491204	490134	494599	491979	0.47	cps
Silicon	28-1	30222824	30021108	30445903	30229945	0.70	cps
Silver	109-1	1123958	1106375	1130728	1120354	1.12	cps
Silver	107-1	1168204	1167382	1178468	1171351	0.53	cps
Sodium	23-2	32568357	32762891	33033509	32788252	0.71	cps
Strontium	86-1	1159005	1159285	1165017	1161102	0.29	cps
Strontium	88-1	10485077	10536804	10576909	10532930	0.44	cps
Sulfur	34-1	1094835	1079148	1093458	1089147	0.80	cps
Terbium	159-1	15000665	15178384	15283877	15154309	0.94	cps
Terbium	159-2	7275380	7250149	7216926	7247485	0.40	cps
Thallium	203-1	29023084	29108681	29378751	29170172	0.64	cps
Thallium	205-1	69040483	69024520	69821531	69295511	0.66	cps
Thorium	232-1	4729	4784	5379	4964	7.26	cps
Tin	118-1	8087503	8087791	8200294	8125196	0.80	cps
Titanium	47-1	299074	299456	304327	300952	0.97	cps
Uranium	238-1	3776	3667	4159	3867	6.68	cps
Vanadium	51-2	805668	813438	817840	812315	0.76	cps
Yttrium	89-1	10931488	10972834	11030346	10978223	0.45	cps
Yttrium	89-2	1499666	1508857	1494199	1500907	0.49	cps

LB Number :	LB104299	Operator :	Jaswal
Lab Sample ID :	K3985-01MS	Instrumnet Name :	P7
Client Sample ID :	390717087.2MS	Dilution Factor :	1
Date & Time Acquired ::	2019-07-29 15:12:47	DataFile Name :	031SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zinc	66-2	160161	159776	162357	160765	0.87	cps
Zirconium	90-1	6994	7269	7110	7124	1.94	cps
Zirconium	91-1	2875	2842	2509	2742	7.40	cps

LB Number :	LB104299	Operator :	Jaswal
Lab Sample ID :	K3985-01MSD	Instrumnet Name :	P7
Client Sample ID :	390717087.2MSD	Dilution Factor :	1
Date & Time Acquired ::	2019-07-29 15:16:23	DataFile Name :	032SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	228857	228709	223791	227119	1.27	cps
Antimony	121-1	10399239	10436660	10492882	10442927	0.45	cps
Arsenic	75-1	1959711	1929754	1958928	1949464	0.88	cps
Barium	135-1	707959	705272	714623	709285	0.68	cps
Barium	137-1	1240286	1233593	1258863	1244247	1.05	cps
Beryllium	9-1	457240	459084	461063	459129	0.42	cps
Bismuth	209-1	9895244	9908048	10075306	9959532	1.01	cps
Bismuth	209-2	5347555	5393849	5312322	5351242	0.76	cps
Boron	11-1	561795	567174	580037	569669	1.65	cps
Boron	10-1	122350	126147	126216	124905	1.77	cps
Cadmium	106-1	66013	66214	66155	66127	0.16	cps
Cadmium	108-1	46685	47496	47358	47180	0.92	cps
Cadmium	111-1	709920	709363	717321	712201	0.62	cps
Calcium	43-1	839445	831677	854020	841714	1.35	cps
Calcium	44-1	14120159	14213285	14392131	14241858	0.97	cps
Chromium	52-2	1360910	1361274	1359096	1360427	0.09	cps
Cobalt	59-2	1161918	1155786	1142350	1153351	0.87	cps
Copper	63-2	1548327	1548985	1537489	1544933	0.42	cps
Dysprosium	156-1	715780	712285	715774	714613	0.28	cps
Dysprosium	156-2	225756	227570	227196	226841	0.42	cps
Erbium	164-2	117	113	123	118	4.32	cps
Erbium	164-1	200	117	192	169	27.09	cps
Gadolinium	160-1	383	425	550	453	19.16	cps
Gadolinium	160-2	370	377	373	373	0.89	cps
Holmium	165-1	14874548	15000127	15156131	15010268	0.94	cps
Holmium	165-2	7495302	7589577	7398801	7494560	1.27	cps
Indium	115-1	11300511	11210249	11334404	11281721	0.57	cps
Indium	115-2	2123759	2127709	2111642	2121037	0.39	cps
Iron	56-2	9467082	9375918	9367973	9403658	0.59	cps
Iron	57-2	231850	230983	228659	230497	0.72	cps
Krypton	83-1	333	373	287	331	13.10	cps
Lead	206-1	12225783	12128869	12342052	12232234	0.87	cps
Lead	207-1	10816084	10732496	10861242	10803274	0.60	cps
Lead	208-1	48877573	48833318	49270064	48993651	0.49	cps
Lithium	6-1	2892968	2887494	2924171	2901544	0.68	cps
Magnesium	24-2	2503993	2503898	2470663	2492852	0.77	cps

LB Number :	LB104299	Operator :	Jaswal
Lab Sample ID :	K3985-01MSD	Instrumnet Name :	P7
Client Sample ID :	390717087.2MSD	Dilution Factor :	1
Date & Time Acquired ::	2019-07-29 15:16:23	DataFile Name :	032SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	469167	466601	466254	467340	0.34	cps
Molybdenum	94-1	1348098	1349010	1370430	1355846	0.93	cps
Molybdenum	95-1	2384315	2379381	2393679	2385792	0.30	cps
Molybdenum	96-1	2546988	2533667	2561398	2547351	0.54	cps
Molybdenum	97-1	1479690	1495625	1494915	1490077	0.60	cps
Molybdenum	98-1	3842674	3847771	3877329	3855924	0.49	cps
Neodymium	150-1	93	120	113	109	12.74	cps
Neodymium	150-2	43	47	43	44	4.34	cps
Nickel	60-2	760438	758854	753996	757763	0.44	cps
Phosphorus	31-2	42671	42536	42504	42570	0.21	cps
Potassium	39-2	3040064	3044672	3014548	3033095	0.53	cps
Rhodium	103-1	9770870	9642982	9895211	9769688	1.29	cps
Rhodium	103-2	4485220	4479598	4466880	4477233	0.21	cps
Scandium	45-1	6027138	6011862	6115322	6051441	0.92	cps
Scandium	45-2	265461	265240	266217	265639	0.19	cps
Selenium	77-2	22448	21940	22017	22135	1.24	cps
Selenium	78-2	75640	74395	73816	74617	1.25	cps
Selenium	82-1	496122	492903	498993	496006	0.61	cps
Silicon	28-1	30602581	30724385	30997560	30774842	0.66	cps
Silver	109-1	1092855	1090830	1109520	1097735	0.93	cps
Silver	107-1	1144866	1143111	1161179	1149718	0.87	cps
Sodium	23-2	33236666	33300914	33027497	33188359	0.43	cps
Strontium	86-1	1166637	1170414	1183848	1173633	0.77	cps
Strontium	88-1	10588342	10609370	10722232	10639981	0.68	cps
Sulfur	34-1	1095289	1105469	1105998	1102252	0.55	cps
Terbium	159-1	15116480	15044287	15459911	15206893	1.46	cps
Terbium	159-2	7347057	7355627	7299892	7334192	0.41	cps
Thallium	203-1	29321690	29547657	29795495	29554948	0.80	cps
Thallium	205-1	69165347	69535174	71004066	69901529	1.39	cps
Thorium	232-1	4045	3984	3862	3964	2.36	cps
Tin	118-1	8194313	8215861	8227855	8212676	0.21	cps
Titanium	47-1	304031	304408	306210	304883	0.38	cps
Uranium	238-1	3742	3601	3801	3715	2.77	cps
Vanadium	51-2	825444	817027	817476	819982	0.58	cps
Yttrium	89-1	11010967	10957777	11218904	11062549	1.25	cps
Yttrium	89-2	1523463	1513909	1511840	1516404	0.41	cps

LB Number :	LB104299	Operator :	Jaswal
Lab Sample ID :	K3985-01MSD	Instrumnet Name :	P7
Client Sample ID :	390717087.2MSD	Dilution Factor :	1
Date & Time Acquired ::	2019-07-29 15:16:23	DataFile Name :	032SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zinc	66-2	163497	161860	161562	162306	0.64	cps
Zirconium	90-1	5593	5893	6035	5840	3.86	cps
Zirconium	91-1	2217	2225	2450	2298	5.76	cps

LB Number :	LB104299	Operator :	Jaswal
Lab Sample ID :	K3985-01A	Instrumnet Name :	P7
Client Sample ID :	390717087.2A	Dilution Factor :	1
Date & Time Acquired ::	2019-07-29 15:20:00	DataFile Name :	033SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	220232	224943	223740	222972	1.10	cps
Antimony	121-1	10436180	10484446	10550222	10490282	0.55	cps
Arsenic	75-1	1943767	1957186	1952335	1951096	0.35	cps
Barium	135-1	712947	713448	707360	711252	0.48	cps
Barium	137-1	1242728	1252030	1257572	1250777	0.60	cps
Beryllium	9-1	459879	460478	463620	461326	0.44	cps
Bismuth	209-1	10077987	10281999	10257469	10205818	1.09	cps
Bismuth	209-2	5428128	5485780	5435079	5449662	0.58	cps
Boron	11-1	566683	576064	586011	576253	1.68	cps
Boron	10-1	124399	126155	128038	126197	1.44	cps
Cadmium	106-1	64464	66716	67888	66356	2.62	cps
Cadmium	108-1	46802	46359	47111	46758	0.81	cps
Cadmium	111-1	714459	718660	722395	718504	0.55	cps
Calcium	43-1	849493	847059	842568	846374	0.42	cps
Calcium	44-1	14199176	14236863	14314521	14250187	0.41	cps
Chromium	52-2	1356651	1355799	1362468	1358306	0.27	cps
Cobalt	59-2	1157304	1158482	1153695	1156494	0.22	cps
Copper	63-2	1539225	1549789	1544590	1544535	0.34	cps
Dysprosium	156-1	716435	723248	724909	721531	0.62	cps
Dysprosium	156-2	226953	227124	227085	227054	0.04	cps
Erbium	164-2	160	113	180	151	22.64	cps
Erbium	164-1	267	150	208	208	28.00	cps
Gadolinium	160-1	283	300	375	319	15.29	cps
Gadolinium	160-2	417	447	323	396	16.26	cps
Holmium	165-1	15182041	15537350	15471002	15396798	1.23	cps
Holmium	165-2	7649271	7679506	7599725	7642834	0.53	cps
Indium	115-1	11481697	11613408	11662457	11585854	0.81	cps
Indium	115-2	2162621	2173894	2149675	2162063	0.56	cps
Iron	56-2	9404923	9422779	9411100	9412934	0.10	cps
Iron	57-2	229154	230111	231525	230263	0.52	cps
Krypton	83-1	310	313	380	334	11.81	cps
Lead	206-1	12199066	12369059	12407017	12325047	0.90	cps
Lead	207-1	10743954	10946689	10916334	10868992	1.01	cps
Lead	208-1	48768544	49595708	49284373	49216209	0.85	cps
Lithium	6-1	2912369	2934914	2958108	2935130	0.78	cps
Magnesium	24-2	2479213	2481189	2471582	2477328	0.20	cps

LB Number :	LB104299	Operator :	Jaswal
Lab Sample ID :	K3985-01A	Instrumnet Name :	P7
Client Sample ID :	390717087.2A	Dilution Factor :	1
Date & Time Acquired ::	2019-07-29 15:20:00	DataFile Name :	033SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	467473	466936	469671	468027	0.31	cps
Molybdenum	94-1	1349489	1353916	1368903	1357436	0.75	cps
Molybdenum	95-1	2369056	2404467	2405007	2392843	0.86	cps
Molybdenum	96-1	2531084	2557381	2569483	2552649	0.77	cps
Molybdenum	97-1	1487082	1502839	1495598	1495173	0.53	cps
Molybdenum	98-1	3852308	3835914	3864204	3850808	0.37	cps
Neodymium	150-1	120	53	140	104	43.45	cps
Neodymium	150-2	27	57	50	44	35.44	cps
Nickel	60-2	757629	764192	757716	759846	0.50	cps
Phosphorus	31-2	41927	42303	42879	42370	1.13	cps
Potassium	39-2	3029854	3046702	3031498	3036018	0.31	cps
Rhodium	103-1	9904882	9897944	10022421	9941749	0.70	cps
Rhodium	103-2	4578295	4580277	4526153	4561575	0.67	cps
Scandium	45-1	6114242	6150731	6241863	6168945	1.07	cps
Scandium	45-2	268691	269444	268699	268944	0.16	cps
Selenium	77-2	22541	22204	22508	22418	0.83	cps
Selenium	78-2	74512	75674	74419	74868	0.93	cps
Selenium	82-1	496463	500881	502331	499892	0.61	cps
Silicon	28-1	30700018	30808388	31158822	30889076	0.78	cps
Silver	109-1	1105007	1113428	1114680	1111038	0.47	cps
Silver	107-1	1148440	1174047	1164200	1162229	1.11	cps
Sodium	23-2	33232225	33210740	33121136	33188034	0.18	cps
Strontium	86-1	1164340	1189664	1182340	1178781	1.11	cps
Strontium	88-1	10601269	10793371	10746150	10713597	0.93	cps
Sulfur	34-1	1106583	1095265	1117812	1106553	1.02	cps
Terbium	159-1	15382147	15617843	15657895	15552628	0.96	cps
Terbium	159-2	7509416	7488771	7465902	7488030	0.29	cps
Thallium	203-1	29654458	30127324	29661439	29814407	0.91	cps
Thallium	205-1	70023395	71039072	70924002	70662156	0.79	cps
Thorium	232-1	3534	3590	3634	3586	1.40	cps
Tin	118-1	8232169	8285175	8258334	8258559	0.32	cps
Titanium	47-1	303561	305131	308120	305604	0.76	cps
Uranium	238-1	3642	3751	3709	3701	1.48	cps
Vanadium	51-2	823054	820277	826741	823358	0.39	cps
Yttrium	89-1	11156776	11357337	11413112	11309075	1.19	cps
Yttrium	89-2	1553301	1549034	1538349	1546895	0.50	cps

LB Number :	LB104299	Operator :	Jaswal
Lab Sample ID :	K3985-01A	Instrumnet Name :	P7
Client Sample ID :	390717087.2A	Dilution Factor :	1
Date & Time Acquired ::	2019-07-29 15:20:00	DataFile Name :	033SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zinc	66-2	162418	162402	161769	162196	0.23	cps
Zirconium	90-1	5601	5551	5768	5640	2.01	cps
Zirconium	91-1	2284	2284	2150	2239	3.44	cps

LB Number :	LB104299	Operator :	Jaswal
Lab Sample ID :	K3987-01	Instrumnet Name :	P7
Client Sample ID :	390722053.9	Dilution Factor :	1
Date & Time Acquired ::	2019-07-29 15:23:37	DataFile Name :	034SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	433	517	458	469	9.11	cps
Antimony	121-1	6860	6994	6910	6921	0.97	cps
Arsenic	75-1	1322	2199	2092	1871	25.58	cps
Barium	135-1	1299457	1298027	1323302	1306929	1.09	cps
Barium	137-1	2281707	2284812	2313195	2293238	0.76	cps
Beryllium	9-1	133	160	153	149	9.32	cps
Bismuth	209-1	10140874	10228307	10124952	10164711	0.55	cps
Bismuth	209-2	5486732	5621343	5515308	5541128	1.28	cps
Boron	11-1	125702	124476	126887	125688	0.96	cps
Boron	10-1	26382	26875	26691	26649	0.93	cps
Cadmium	106-1	3426	3234	3309	3323	2.91	cps
Cadmium	108-1	33	21	33	29	24.75	cps
Cadmium	111-1	2583	2387	2443	2471	4.09	cps
Calcium	43-1	3238061	3258103	3289377	3261847	0.79	cps
Calcium	44-1	55368060	55436366	56546114	55783513	1.19	cps
Chromium	52-2	11261	11498	11555	11438	1.36	cps
Cobalt	59-2	413	463	393	423	8.52	cps
Copper	63-2	90058	88475	90424	89653	1.16	cps
Dysprosium	156-1	133	167	167	156	12.37	cps
Dysprosium	156-2	83	80	90	84	6.03	cps
Erbium	164-2	120	107	97	108	10.86	cps
Erbium	164-1	92	150	117	119	24.50	cps
Gadolinium	160-1	142	117	92	117	21.43	cps
Gadolinium	160-2	260	283	323	289	11.09	cps
Holmium	165-1	15178626	15462936	15366821	15336128	0.94	cps
Holmium	165-2	7764541	7912572	7758451	7811855	1.12	cps
Indium	115-1	11747522	11878602	11923361	11849829	0.77	cps
Indium	115-2	2261479	2324577	2288681	2291579	1.38	cps
Iron	56-2	3345504	3307792	3359778	3337691	0.80	cps
Iron	57-2	105057	103967	105280	104768	0.67	cps
Krypton	83-1	270	430	367	356	22.66	cps
Lead	206-1	134796	136548	133502	134949	1.13	cps
Lead	207-1	112931	112275	112506	112570	0.30	cps
Lead	208-1	522424	524211	521641	522758	0.25	cps
Lithium	6-1	2812782	2842526	2864928	2840079	0.92	cps
Magnesium	24-2	4078668	4083534	4118734	4093645	0.53	cps

LB Number :	LB104299	Operator :	Jaswal
Lab Sample ID :	K3987-01	Instrumnet Name :	P7
Client Sample ID :	390722053.9	Dilution Factor :	1
Date & Time Acquired ::	2019-07-29 15:23:37	DataFile Name :	034SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	15835	15498	15545	15626	1.17	cps
Molybdenum	94-1	992	1233	1375	1200	16.15	cps
Molybdenum	95-1	1217	1133	1475	1275	13.97	cps
Molybdenum	96-1	1392	1642	1442	1492	8.87	cps
Molybdenum	97-1	808	675	858	781	12.14	cps
Molybdenum	98-1	2084	2084	2150	2106	1.83	cps
Neodymium	150-1	153	93	107	118	26.75	cps
Neodymium	150-2	23	30	47	33	36.07	cps
Nickel	60-2	850	880	1177	969	18.67	cps
Phosphorus	31-2	242	183	300	242	24.14	cps
Potassium	39-2	311695	309994	316403	312697	1.06	cps
Rhodium	103-1	9922020	10079657	10078122	10026600	0.90	cps
Rhodium	103-2	4682996	4791636	4697967	4724200	1.25	cps
Scandium	45-1	6252630	6282797	6381843	6305757	1.07	cps
Scandium	45-2	280081	286354	285487	283974	1.20	cps
Selenium	77-2	3	10	7	7	50.03	cps
Selenium	78-2	81	81	93	85	7.53	cps
Selenium	82-1	246	87	156	163	48.87	cps
Silicon	28-1	78137943	78826162	80114321	79026142	1.27	cps
Silver	109-1	358	342	325	342	4.88	cps
Silver	107-1	408	450	408	422	5.70	cps
Sodium	23-2	5382164	5374544	5463688	5406799	0.91	cps
Strontium	86-1	588797	594730	601001	594842	1.03	cps
Strontium	88-1	5359908	5379941	5466091	5401980	1.04	cps
Sulfur	34-1	648635	651891	666955	655827	1.49	cps
Terbium	159-1	15514163	15595984	15425166	15511771	0.55	cps
Terbium	159-2	7581067	7690511	7526099	7599226	1.10	cps
Thallium	203-1	9395	8545	7594	8511	10.59	cps
Thallium	205-1	20709	19448	16444	18867	11.61	cps
Thorium	232-1	2750	3084	2928	2921	5.71	cps
Tin	118-1	8853	8319	8620	8597	3.11	cps
Titanium	47-1	1333	1158	1158	1217	8.30	cps
Uranium	238-1	72997	75183	74019	74066	1.48	cps
Vanadium	51-2	5675	5368	5695	5579	3.28	cps
Yttrium	89-1	11294340	11415615	11524699	11411552	1.01	cps
Yttrium	89-2	1602668	1621541	1601723	1608644	0.69	cps

LB Number :	LB104299	Operator :	Jaswal
Lab Sample ID :	K3987-01	Instrumnet Name :	P7
Client Sample ID :	390722053.9	Dilution Factor :	1
Date & Time Acquired ::	2019-07-29 15:23:37	DataFile Name :	034SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zinc	66-2	21456	21309	21686	21484	0.89	cps
Zirconium	90-1	1559	1609	1667	1611	3.37	cps
Zirconium	91-1	350	308	417	358	15.25	cps

LB Number : LB104299 Operator : Jaswal
 Lab Sample ID : CCV71 Instrumnet Name : P7
 Client Sample ID : CCV71 Dilution Factor : 1
 Date & Time Acquired :: 2019-07-29 15:29:57 DataFile Name : 035CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	6149585	6173221	6212474	6178427	0.51	cps
Antimony	121-1	6510591	6469760	6408986	6463113	0.79	cps
Arsenic	75-1	1302599	1278012	1277748	1286120	1.11	cps
Barium	135-1	8220662	8120001	8131143	8157269	0.68	cps
Barium	137-1	14369456	14178608	14164115	14237393	0.80	cps
Beryllium	9-1	1125151	1114816	1102131	1114032	1.03	cps
Bismuth	209-1	9193173	9131137	9202139	9175483	0.42	cps
Bismuth	209-2	4847796	4856796	4865498	4856697	0.18	cps
Boron	11-1	769775	775618	798122	781172	1.92	cps
Boron	10-1	167324	173813	173115	171417	2.08	cps
Cadmium	106-1	208553	205238	204192	205994	1.11	cps
Cadmium	108-1	141328	140129	140408	140622	0.45	cps
Cadmium	111-1	1950340	1933295	1918412	1934015	0.83	cps
Calcium	43-1	8511989	8456690	8375293	8447990	0.81	cps
Calcium	44-1	138494878	137734699	136938416	137722664	0.57	cps
Chromium	52-2	1613734	1617944	1627114	1619597	0.42	cps
Cobalt	59-2	2620999	2616805	2634501	2624101	0.35	cps
Copper	63-2	3980356	3998003	3990584	3989648	0.22	cps
Dysprosium	156-1	242	192	233	222	12.05	cps
Dysprosium	156-2	223	240	230	231	3.63	cps
Erbium	164-2	97	117	110	108	9.45	cps
Erbium	164-1	92	125	108	108	15.39	cps
Gadolinium	160-1	142	175	167	161	10.77	cps
Gadolinium	160-2	233	287	270	263	10.36	cps
Holmium	165-1	14870245	14872275	14726406	14822975	0.56	cps
Holmium	165-2	7352164	7325445	7333169	7336926	0.19	cps
Indium	115-1	10813253	10749913	10810055	10791073	0.33	cps
Indium	115-2	2020602	2003682	2021021	2015102	0.49	cps
Iron	56-2	366717242	365003397	368078719	366599786	0.42	cps
Iron	57-2	9041568	9037133	9062060	9046920	0.15	cps
Krypton	83-1	343	293	377	338	12.42	cps
Lead	206-1	5416096	5363622	5357782	5379167	0.60	cps
Lead	207-1	4787161	4767350	4746484	4766998	0.43	cps
Lead	208-1	22375334	22223907	22229946	22276396	0.38	cps
Lithium	6-1	2746135	2714327	2696736	2719066	0.92	cps
Magnesium	24-2	64302891	64460664	64901910	64555155	0.48	cps

LB Number :	LB104299	Operator :	Jaswal
Lab Sample ID :	CCV71	Instrumnet Name :	P7
Client Sample ID :	CCV71	Dilution Factor :	1
Date & Time Acquired ::	2019-07-29 15:29:57	DataFile Name :	035CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	2007920	2010596	2025322	2014613	0.47	cps
Molybdenum	94-1	13070784	12900189	12926696	12965890	0.71	cps
Molybdenum	95-1	16260458	16192817	16049872	16167715	0.66	cps
Molybdenum	96-1	17971797	17926404	17752332	17883511	0.65	cps
Molybdenum	97-1	10188307	10082808	10091875	10120996	0.58	cps
Molybdenum	98-1	26163877	25884704	25787808	25945463	0.75	cps
Neodymium	150-1	740	627	693	687	8.30	cps
Neodymium	150-2	110	140	120	123	12.39	cps
Nickel	60-2	683441	686963	685053	685152	0.26	cps
Phosphorus	31-2	59185	57495	59294	58658	1.72	cps
Potassium	39-2	30768533	30775497	31136450	30893493	0.68	cps
Rhodium	103-1	8988424	8885853	8886844	8920374	0.66	cps
Rhodium	103-2	4029811	4017727	4027610	4025049	0.16	cps
Scandium	45-1	6037372	5969425	5944607	5983801	0.80	cps
Scandium	45-2	259687	254701	256473	256954	0.98	cps
Selenium	77-2	5865	5675	5498	5679	3.23	cps
Selenium	78-2	18957	19198	19215	19123	0.75	cps
Selenium	82-1	127586	127537	126108	127077	0.66	cps
Silicon	28-1	3643549	3609179	3584217	3612315	0.82	cps
Silver	109-1	8414795	8393268	8343130	8383731	0.44	cps
Silver	107-1	8867002	8739158	8736962	8781041	0.85	cps
Sodium	23-2	121609499	122523628	122289140	122140756	0.39	cps
Strontium	86-1	1977353	1956992	1938556	1957634	0.99	cps
Strontium	88-1	17963861	17855096	17755583	17858180	0.58	cps
Sulfur	34-1	826449	819619	803493	816521	1.44	cps
Terbium	159-1	15077950	14997296	14998748	15024665	0.31	cps
Terbium	159-2	7083923	7100221	7099580	7094574	0.13	cps
Thallium	203-1	7074434	7079715	7023571	7059240	0.44	cps
Thallium	205-1	16829346	16769473	16606064	16734961	0.69	cps
Thorium	232-1	25694764	25520312	25730669	25648582	0.44	cps
Tin	118-1	5585100	5587062	5535585	5569249	0.52	cps
Titanium	47-1	3688257	3663976	3620033	3657422	0.95	cps
Uranium	238-1	25106855	25047552	25217465	25123957	0.34	cps
Vanadium	51-2	1316035	1308584	1316406	1313675	0.34	cps
Yttrium	89-1	10830934	10750992	10739167	10773698	0.46	cps
Yttrium	89-2	1463006	1465893	1462037	1463646	0.14	cps

LB Number :	LB104299	Operator :	Jaswal
Lab Sample ID :	CCV71	Instrumnet Name :	P7
Client Sample ID :	CCV71	Dilution Factor :	1
Date & Time Acquired ::	2019-07-29 15:29:57	DataFile Name :	035CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zinc	66-2	661093	664772	664336	663400	0.30	cps
Zirconium	90-1	10615484	10481935	10476188	10524535	0.75	cps
Zirconium	91-1	2267705	2222391	2234890	2241662	1.04	cps

LB Number : LB104299 Operator : Jaswal
 Lab Sample ID : CCB71 Instrumnet Name : P7
 Client Sample ID : CCB71 Dilution Factor : 1
 Date & Time Acquired :: 2019-07-29 15:37:15 DataFile Name : 036CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	192	108	192	164	29.36	cps
Antimony	121-1	2625	3042	2692	2787	8.03	cps
Arsenic	75-1	-57	114	-205	-49	-324.23	cps
Barium	135-1	183	92	117	131	36.30	cps
Barium	137-1	283	192	275	250	20.27	cps
Beryllium	9-1	143	170	123	146	16.08	cps
Bismuth	209-1	10566284	10594546	10554974	10571934	0.19	cps
Bismuth	209-2	5663054	5562482	5647978	5624505	0.96	cps
Boron	11-1	23194	22901	21683	22593	3.55	cps
Boron	10-1	5209	5101	4601	4970	6.53	cps
Cadmium	106-1	3200	3417	3384	3334	3.50	cps
Cadmium	108-1	8	13	33	18	74.19	cps
Cadmium	111-1	2330	2446	2450	2409	2.81	cps
Calcium	43-1	233	300	242	258	14.06	cps
Calcium	44-1	7469	7911	8011	7797	3.70	cps
Chromium	52-2	820	747	830	799	5.70	cps
Cobalt	59-2	70	63	87	73	16.39	cps
Copper	63-2	997	1053	1123	1058	6.00	cps
Dysprosium	156-1	17	50	42	36	48.03	cps
Dysprosium	156-2	40	33	27	33	20.00	cps
Erbium	164-2	90	53	133	92	43.43	cps
Erbium	164-1	75	83	67	75	11.11	cps
Gadolinium	160-1	67	92	58	72	24.02	cps
Gadolinium	160-2	227	247	300	258	14.71	cps
Holmium	165-1	15381764	15525400	15439598	15448921	0.47	cps
Holmium	165-2	7788659	7614379	7753184	7718741	1.19	cps
Indium	115-1	12284830	12388681	12234148	12302553	0.64	cps
Indium	115-2	2298115	2297845	2321279	2305746	0.58	cps
Iron	56-2	10187	10304	10604	10365	2.08	cps
Iron	57-2	283	300	272	285	4.90	cps
Krypton	83-1	357	313	340	337	6.49	cps
Lead	206-1	1311	1556	1322	1396	9.89	cps
Lead	207-1	1461	1289	1550	1433	9.26	cps
Lead	208-1	5028	4973	4945	4982	0.85	cps
Lithium	6-1	2935921	2947151	2937476	2940182	0.21	cps
Magnesium	24-2	1325	1342	1083	1250	11.57	cps

LB Number : LB104299 Operator : Jaswal
 Lab Sample ID : CCB71 Instrumnet Name : P7
 Client Sample ID : CCB71 Dilution Factor : 1
 Date & Time Acquired :: 2019-07-29 15:37:15 DataFile Name : 036CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	107	107	67	93	24.74	cps
Molybdenum	94-1	892	917	883	897	1.93	cps
Molybdenum	95-1	833	642	792	756	13.34	cps
Molybdenum	96-1	892	1158	1092	1047	13.25	cps
Molybdenum	97-1	600	633	483	572	13.76	cps
Molybdenum	98-1	1425	1559	1283	1422	9.67	cps
Neodymium	150-1	13	13	7	11	34.61	cps
Neodymium	150-2	23	17	20	20	16.65	cps
Nickel	60-2	57	53	60	57	5.89	cps
Phosphorus	31-2	142	100	142	128	18.82	cps
Potassium	39-2	18796	18746	18521	18687	0.78	cps
Rhodium	103-1	10638866	10669350	10675604	10661274	0.18	cps
Rhodium	103-2	4823356	4775376	4839896	4812876	0.70	cps
Scandium	45-1	6513193	6532910	6539827	6528643	0.21	cps
Scandium	45-2	281319	280375	282994	281563	0.47	cps
Selenium	77-2	0	0	0	0	0.00	cps
Selenium	78-2	70	87	78	78	10.65	cps
Selenium	82-1	1	15	27	14	88.25	cps
Silicon	28-1	142498	140924	142750	142057	0.70	cps
Silver	109-1	325	392	508	408	22.73	cps
Silver	107-1	542	442	642	542	18.46	cps
Sodium	23-2	21792	23377	22693	22621	3.52	cps
Strontium	86-1	575	675	775	675	14.82	cps
Strontium	88-1	550	608	433	531	16.79	cps
Sulfur	34-1	253164	253760	255664	254196	0.51	cps
Terbium	159-1	15730336	15660621	15652403	15681120	0.27	cps
Terbium	159-2	7577244	7443609	7584687	7535180	1.05	cps
Thallium	203-1	1942	1650	1767	1786	8.22	cps
Thallium	205-1	3634	3592	3492	3573	2.04	cps
Thorium	232-1	3962	3945	4306	4071	5.01	cps
Tin	118-1	2826	1558	1550	1978	37.12	cps
Titanium	47-1	158	125	133	139	12.49	cps
Uranium	238-1	3701	3259	3634	3531	6.74	cps
Vanadium	51-2	10	30	13	18	60.28	cps
Yttrium	89-1	11747779	11788724	11747556	11761353	0.20	cps
Yttrium	89-2	1603610	1589815	1613087	1602171	0.73	cps

LB Number :	LB104299	Operator :	Jaswal
Lab Sample ID :	CCB71	Instrumnet Name :	P7
Client Sample ID :	CCB71	Dilution Factor :	1
Date & Time Acquired ::	2019-07-29 15:37:15	DataFile Name :	036CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zinc	66-2	293	300	320	304	4.56	cps
Zirconium	90-1	1142	1383	1383	1303	10.71	cps
Zirconium	91-1	283	325	292	300	7.35	cps

LB Number :	LB104299	Operator :	Jaswal
Lab Sample ID :	CRI	Instrumnet Name :	P7
Client Sample ID :	CRI	Dilution Factor :	1
Date & Time Acquired ::	2019-07-29 15:40:51	DataFile Name :	037SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	2459	2417	2659	2511	5.15	cps
Antimony	121-1	25440	25825	25424	25563	0.89	cps
Arsenic	75-1	2211	2182	1620	2004	16.64	cps
Barium	135-1	33441	33341	32397	33060	1.74	cps
Barium	137-1	58249	58047	57001	57766	1.16	cps
Beryllium	9-1	2527	2570	2490	2529	1.58	cps
Bismuth	209-1	10492344	10536398	10374069	10467603	0.80	cps
Bismuth	209-2	5598307	5530467	5640643	5589806	0.99	cps
Boron	11-1	54098	54876	56063	55012	1.80	cps
Boron	10-1	11588	11747	12414	11916	3.68	cps
Cadmium	106-1	3842	3842	4359	4015	7.43	cps
Cadmium	108-1	304	258	308	290	9.56	cps
Cadmium	111-1	6257	6251	6486	6331	2.12	cps
Calcium	43-1	17820	17327	18579	17909	3.52	cps
Calcium	44-1	296852	297800	296925	297192	0.18	cps
Chromium	52-2	7782	7672	7952	7802	1.81	cps
Cobalt	59-2	5861	6158	6031	6017	2.48	cps
Copper	63-2	9440	9890	9920	9750	2.76	cps
Dysprosium	156-1	50	17	17	28	69.27	cps
Dysprosium	156-2	27	23	47	32	39.17	cps
Erbium	164-2	70	70	80	73	7.87	cps
Erbium	164-1	117	125	33	92	55.30	cps
Gadolinium	160-1	58	108	42	69	49.96	cps
Gadolinium	160-2	250	213	313	259	19.54	cps
Holmium	165-1	15539733	15375932	15256022	15390562	0.93	cps
Holmium	165-2	7722361	7618673	7741458	7694164	0.86	cps
Indium	115-1	12246364	12342931	12207753	12265683	0.57	cps
Indium	115-2	2306576	2292884	2307559	2302340	0.36	cps
Iron	56-2	172473	167482	171152	170369	1.52	cps
Iron	57-2	4501	4445	4401	4449	1.13	cps
Krypton	83-1	387	367	373	376	2.71	cps
Lead	206-1	12857	12456	12362	12558	2.09	cps
Lead	207-1	11428	10938	11172	11179	2.19	cps
Lead	208-1	50789	49164	49509	49821	1.72	cps
Lithium	6-1	2963252	2994318	3001662	2986411	0.68	cps
Magnesium	24-2	143052	141579	141487	142039	0.62	cps

LB Number :	LB104299	Operator :	Jaswal
Lab Sample ID :	CRI	Instrumnet Name :	P7
Client Sample ID :	CRI	Dilution Factor :	1
Date & Time Acquired ::	2019-07-29 15:40:51	DataFile Name :	037SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	2474	2497	2380	2450	2.52	cps
Molybdenum	94-1	25557	26050	25465	25691	1.22	cps
Molybdenum	95-1	31536	31861	32513	31970	1.56	cps
Molybdenum	96-1	35813	36330	35378	35840	1.33	cps
Molybdenum	97-1	19656	19931	20081	19890	1.09	cps
Molybdenum	98-1	51393	52230	52506	52043	1.11	cps
Neodymium	150-1	13	7	7	9	43.25	cps
Neodymium	150-2	20	7	20	16	49.47	cps
Nickel	60-2	1750	1610	1690	1683	4.17	cps
Phosphorus	31-2	342	492	492	442	19.61	cps
Potassium	39-2	148165	145877	149025	147689	1.10	cps
Rhodium	103-1	10692409	10676336	10731929	10700225	0.27	cps
Rhodium	103-2	4829189	4796545	4846737	4824157	0.53	cps
Scandium	45-1	6544334	6611893	6610884	6589037	0.59	cps
Scandium	45-2	283893	279618	285785	283099	1.12	cps
Selenium	77-2	47	67	47	53	21.65	cps
Selenium	78-2	294	304	276	291	4.85	cps
Selenium	82-1	1437	1382	1401	1406	2.00	cps
Silicon	28-1	209293	211506	212329	211043	0.74	cps
Silver	109-1	17311	16143	17570	17008	4.47	cps
Silver	107-1	18304	18046	18062	18137	0.80	cps
Sodium	23-2	278438	274772	277767	276992	0.70	cps
Strontium	86-1	4834	4626	4784	4748	2.29	cps
Strontium	88-1	35670	35662	36489	35940	1.32	cps
Sulfur	34-1	262181	269518	269028	266909	1.54	cps
Terbium	159-1	15616197	15595457	15687430	15633028	0.31	cps
Terbium	159-2	7558191	7484422	7551728	7531447	0.54	cps
Thallium	203-1	15718	15927	15101	15582	2.76	cps
Thallium	205-1	36292	35022	35306	35540	1.88	cps
Thorium	232-1	48016	48959	47052	48009	1.99	cps
Tin	118-1	59627	58414	58532	58858	1.14	cps
Titanium	47-1	8069	8419	8052	8180	2.53	cps
Uranium	238-1	49128	48491	47320	48313	1.90	cps
Vanadium	51-2	14824	14791	14834	14817	0.15	cps
Yttrium	89-1	11795361	11857485	11768346	11807064	0.39	cps
Yttrium	89-2	1613501	1602894	1619071	1611822	0.51	cps

LB Number :	LB104299	Operator :	Jaswal
Lab Sample ID :	CRI	Instrumnet Name :	P7
Client Sample ID :	CRI	Dilution Factor :	1
Date & Time Acquired ::	2019-07-29 15:40:51	DataFile Name :	037SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zinc	66-2	2037	2084	2157	2092	2.89	cps
Zirconium	90-1	21008	20357	21091	20819	1.93	cps
Zirconium	91-1	4809	4818	4318	4648	6.16	cps

LB Number :	LB104299	Operator :	Jaswal
Lab Sample ID :	PB121732BL	Instrumnet Name :	P7
Client Sample ID :	PB121732BL	Dilution Factor :	1
Date & Time Acquired ::	2019-07-29 15:44:28	DataFile Name :	038SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	50	25	100	58	65.47	cps
Antimony	121-1	742	900	883	842	10.34	cps
Arsenic	75-1	-160	-524	-251	-312	-60.71	cps
Barium	135-1	50	117	83	83	40.00	cps
Barium	137-1	58	158	158	125	46.19	cps
Beryllium	9-1	113	120	110	114	4.45	cps
Bismuth	209-1	10711686	8970665	10345036	10009129	9.17	cps
Bismuth	209-2	5656143	5647371	5592707	5632074	0.61	cps
Boron	11-1	14115	13840	13573	13843	1.96	cps
Boron	10-1	3342	3225	2825	3131	8.66	cps
Cadmium	106-1	3459	3184	3234	3292	4.45	cps
Cadmium	108-1	25	17	17	19	24.73	cps
Cadmium	111-1	2462	2275	2302	2346	4.30	cps
Calcium	43-1	158	233	292	228	29.34	cps
Calcium	44-1	6060	7169	7352	6860	10.19	cps
Chromium	52-2	770	833	827	810	4.30	cps
Cobalt	59-2	70	40	37	49	37.55	cps
Copper	63-2	960	913	933	936	2.50	cps
Dysprosium	156-1	50	58	33	47	26.97	cps
Dysprosium	156-2	30	13	23	22	37.76	cps
Erbium	164-2	83	83	80	82	2.34	cps
Erbium	164-1	183	150	58	131	49.58	cps
Gadolinium	160-1	75	92	125	97	26.19	cps
Gadolinium	160-2	223	227	283	244	13.79	cps
Holmium	165-1	15803702	13123611	15344311	14757208	9.71	cps
Holmium	165-2	7756441	7740032	7674843	7723772	0.56	cps
Indium	115-1	12816432	10518550	12261753	11865578	10.11	cps
Indium	115-2	2340329	2319671	2318865	2326288	0.52	cps
Iron	56-2	4640	4462	4440	4514	2.43	cps
Iron	57-2	156	267	233	219	26.09	cps
Krypton	83-1	297	457	327	360	23.62	cps
Lead	206-1	1183	1161	1161	1169	1.10	cps
Lead	207-1	1083	1222	1250	1185	7.53	cps
Lead	208-1	4078	4267	4267	4204	2.59	cps
Lithium	6-1	3303696	2638648	3018542	2986962	11.17	cps
Magnesium	24-2	283	250	183	239	21.32	cps

LB Number :	LB104299	Operator :	Jaswal
Lab Sample ID :	PB121732BL	Instrumnet Name :	P7
Client Sample ID :	PB121732BL	Dilution Factor :	1
Date & Time Acquired ::	2019-07-29 15:44:28	DataFile Name :	038SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	77	27	57	53	47.18	cps
Molybdenum	94-1	533	542	617	564	8.14	cps
Molybdenum	95-1	200	350	433	328	36.07	cps
Molybdenum	96-1	350	467	475	431	16.23	cps
Molybdenum	97-1	133	250	250	211	31.91	cps
Molybdenum	98-1	267	633	700	533	43.75	cps
Neodymium	150-1	20	0	7	9	114.55	cps
Neodymium	150-2	3	13	0	6	124.93	cps
Nickel	60-2	37	83	67	62	38.00	cps
Phosphorus	31-2	100	108	83	97	13.09	cps
Potassium	39-2	17720	18612	17828	18053	2.70	cps
Rhodium	103-1	11233000	9259318	10763661	10418660	9.90	cps
Rhodium	103-2	5131102	4884265	4855871	4957079	3.05	cps
Scandium	45-1	6973085	5646217	6655064	6424789	10.78	cps
Scandium	45-2	290047	288239	286381	288222	0.64	cps
Selenium	77-2	0	0	3	1	173.21	cps
Selenium	78-2	59	65	81	69	16.88	cps
Selenium	82-1	60	-2	70	42	92.08	cps
Silicon	28-1	148204	151823	147891	149306	1.46	cps
Silver	109-1	200	192	325	239	31.27	cps
Silver	107-1	283	333	317	311	8.18	cps
Sodium	23-2	17344	17619	16869	17277	2.20	cps
Strontium	86-1	533	725	542	600	18.06	cps
Strontium	88-1	517	492	417	475	10.96	cps
Sulfur	34-1	276605	266135	271270	271337	1.93	cps
Terbium	159-1	16226804	13464210	15628089	15106368	9.62	cps
Terbium	159-2	7620019	7562875	7519761	7567551	0.66	cps
Thallium	203-1	1400	1350	1133	1295	10.95	cps
Thallium	205-1	2167	2392	2267	2275	4.95	cps
Thorium	232-1	3206	2850	3000	3019	5.91	cps
Tin	118-1	1175	1100	1142	1139	3.30	cps
Titanium	47-1	175	158	125	153	16.66	cps
Uranium	238-1	3251	3176	3634	3353	7.33	cps
Vanadium	51-2	7	10	10	9	21.63	cps
Yttrium	89-1	12369399	10179004	11947514	11498639	10.11	cps
Yttrium	89-2	1632104	1622939	1617485	1624176	0.45	cps

LB Number :	LB104299	Operator :	Jaswal
Lab Sample ID :	PB121732BL	Instrumnet Name :	P7
Client Sample ID :	PB121732BL	Dilution Factor :	1
Date & Time Acquired ::	2019-07-29 15:44:28	DataFile Name :	038SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zinc	66-2	310	327	330	322	3.33	cps
Zirconium	90-1	1250	992	1067	1103	12.05	cps
Zirconium	91-1	217	192	225	211	8.22	cps

LB Number :	LB104299	Operator :	Jaswal
Lab Sample ID :	K3996-01	Instrumnet Name :	P7
Client Sample ID :	390715031.9	Dilution Factor :	1
Date & Time Acquired ::	2019-07-29 15:48:06	DataFile Name :	039SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	8811	9270	9278	9120	2.93	cps
Antimony	121-1	5893	5852	6043	5929	1.70	cps
Arsenic	75-1	596	847	576	673	22.46	cps
Barium	135-1	208431	211005	209566	209667	0.62	cps
Barium	137-1	370867	372558	367174	370200	0.74	cps
Beryllium	9-1	783	910	937	877	9.35	cps
Bismuth	209-1	9521851	9498095	9713449	9577799	1.23	cps
Bismuth	209-2	5161832	5141258	5207341	5170143	0.65	cps
Boron	11-1	69836	72927	72792	71852	2.43	cps
Boron	10-1	15609	15308	15859	15592	1.77	cps
Cadmium	106-1	4193	3859	3942	3998	4.34	cps
Cadmium	108-1	58	33	29	40	39.16	cps
Cadmium	111-1	3156	2924	2993	3025	3.95	cps
Calcium	43-1	3760867	3804451	3760527	3775282	0.67	cps
Calcium	44-1	64780397	65083301	64657893	64840531	0.34	cps
Chromium	52-2	88074	87022	89000	88032	1.12	cps
Cobalt	59-2	18765	18896	19226	18962	1.25	cps
Copper	63-2	560145	560807	566766	562573	0.65	cps
Dysprosium	156-1	111770	115289	113223	113428	1.56	cps
Dysprosium	156-2	60376	61082	61085	60848	0.67	cps
Erbium	164-2	120361	119080	119661	119701	0.54	cps
Erbium	164-1	239433	245353	247440	244075	1.70	cps
Gadolinium	160-1	140979	143167	143479	142542	0.96	cps
Gadolinium	160-2	78828	78553	79076	78819	0.33	cps
Holmium	165-1	14713934	14834750	15006881	14851855	0.99	cps
Holmium	165-2	7519890	7480399	7570250	7523513	0.60	cps
Indium	115-1	11283057	11307537	11382956	11324517	0.46	cps
Indium	115-2	2169919	2146310	2170206	2162145	0.63	cps
Iron	56-2	8935172	8836805	8934151	8902042	0.63	cps
Iron	57-2	235639	234302	236187	235376	0.41	cps
Krypton	83-1	660	657	703	673	3.87	cps
Lead	206-1	113239	111827	112657	112574	0.63	cps
Lead	207-1	94002	95501	96318	95274	1.23	cps
Lead	208-1	440979	438506	443345	440943	0.55	cps
Lithium	6-1	2804394	2810253	2805639	2806762	0.11	cps
Magnesium	24-2	5653241	5599493	5630597	5627777	0.48	cps

LB Number :	LB104299	Operator :	Jaswal
Lab Sample ID :	K3996-01	Instrumnet Name :	P7
Client Sample ID :	390715031.9	Dilution Factor :	1
Date & Time Acquired ::	2019-07-29 15:48:06	DataFile Name :	039SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	2604651	2588439	2618948	2604013	0.59	cps
Molybdenum	94-1	9228	8953	9370	9184	2.31	cps
Molybdenum	95-1	14199	14775	13766	14247	3.55	cps
Molybdenum	96-1	15476	15851	16143	15823	2.11	cps
Molybdenum	97-1	8511	9037	9195	8914	4.01	cps
Molybdenum	98-1	22878	23671	22485	23011	2.62	cps
Neodymium	150-1	82848	79676	82145	81557	2.04	cps
Neodymium	150-2	31720	31703	32184	31869	0.86	cps
Nickel	60-2	12596	12876	12716	12729	1.10	cps
Phosphorus	31-2	208	158	208	192	15.06	cps
Potassium	39-2	653847	651228	662192	655756	0.87	cps
Rhodium	103-1	9556567	9601072	9563078	9573572	0.25	cps
Rhodium	103-2	4408190	4371311	4425094	4401532	0.62	cps
Scandium	45-1	6169126	6153232	6162492	6161617	0.13	cps
Scandium	45-2	269540	266438	271185	269054	0.90	cps
Selenium	77-2	163	113	180	152	22.79	cps
Selenium	78-2	228	222	219	223	2.09	cps
Selenium	82-1	350	359	366	358	2.24	cps
Silicon	28-1	55907635	55918741	55396916	55741097	0.53	cps
Silver	109-1	1333	1375	1183	1297	7.77	cps
Silver	107-1	1658	1800	1650	1703	4.95	cps
Sodium	23-2	63301847	62442487	63038397	62927577	0.70	cps
Strontium	86-1	817459	825501	813602	818854	0.74	cps
Strontium	88-1	7520297	7497297	7556559	7524718	0.40	cps
Sulfur	34-1	1172454	1170004	1160025	1167494	0.56	cps
Terbium	159-1	14925105	15109658	15214499	15083088	0.97	cps
Terbium	159-2	7303786	7235609	7373801	7304399	0.95	cps
Thallium	203-1	1333	1233	1317	1295	4.14	cps
Thallium	205-1	2475	2334	2367	2392	3.10	cps
Thorium	232-1	12000	11255	11772	11676	3.27	cps
Tin	118-1	70091	72671	72563	71775	2.03	cps
Titanium	47-1	2875	2934	2959	2923	1.46	cps
Uranium	238-1	247809	250264	253738	250604	1.19	cps
Vanadium	51-2	693	707	750	717	4.13	cps
Yttrium	89-1	13572478	13551656	13668651	13597595	0.46	cps
Yttrium	89-2	1855514	1847371	1886642	1863175	1.11	cps

LB Number :	LB104299	Operator :	Jaswal
Lab Sample ID :	K3996-01	Instrumnet Name :	P7
Client Sample ID :	390715031.9	Dilution Factor :	1
Date & Time Acquired ::	2019-07-29 15:48:06	DataFile Name :	039SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zinc	66-2	7746	7742	7849	7779	0.78	cps
Zirconium	90-1	1892	1867	2050	1936	5.14	cps
Zirconium	91-1	400	400	442	414	5.81	cps

LB Number : LB104299 Operator : Jaswal
 Lab Sample ID : K3997-01 Instrumnet Name : P7
 Client Sample ID : 390717191.9 Dilution Factor : 1
 Date & Time Acquired :: 2019-07-29 15:51:41 DataFile Name : 040SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	850	800	800	817	3.53	cps
Antimony	121-1	1042	1067	1242	1117	9.76	cps
Arsenic	75-1	577	767	1003	783	27.29	cps
Barium	135-1	56842	55453	58591	56962	2.76	cps
Barium	137-1	99663	99237	98959	99286	0.36	cps
Beryllium	9-1	160	153	133	149	9.32	cps
Bismuth	209-1	9690774	9860071	9894873	9815239	1.11	cps
Bismuth	209-2	5196892	5188826	5230471	5205396	0.42	cps
Boron	11-1	38550	37781	38592	38308	1.19	cps
Boron	10-1	8378	8403	8486	8422	0.67	cps
Cadmium	106-1	3317	3159	3417	3298	3.95	cps
Cadmium	108-1	63	33	17	38	61.86	cps
Cadmium	111-1	2374	2355	2485	2404	2.92	cps
Calcium	43-1	879781	889624	882673	884026	0.57	cps
Calcium	44-1	14983396	15057196	15146989	15062527	0.54	cps
Chromium	52-2	2197	2097	2057	2117	3.41	cps
Cobalt	59-2	4391	4457	4267	4372	2.21	cps
Copper	63-2	38103	39062	38544	38570	1.24	cps
Dysprosium	156-1	208	317	242	256	21.71	cps
Dysprosium	156-2	153	107	110	123	21.11	cps
Erbium	164-2	180	173	200	184	7.52	cps
Erbium	164-1	308	342	300	317	6.96	cps
Gadolinium	160-1	333	233	325	297	18.67	cps
Gadolinium	160-2	393	290	393	359	16.62	cps
Holmium	165-1	14867091	14922169	15124405	14971221	0.90	cps
Holmium	165-2	7507523	7452751	7510678	7490317	0.43	cps
Indium	115-1	11596562	11621824	11663089	11627159	0.29	cps
Indium	115-2	2175397	2149567	2159860	2161608	0.60	cps
Iron	56-2	18177965	17886486	18126798	18063749	0.86	cps
Iron	57-2	435285	430374	432751	432803	0.57	cps
Krypton	83-1	350	327	310	329	6.11	cps
Lead	206-1	56688	56532	56358	56526	0.29	cps
Lead	207-1	49298	49202	48762	49087	0.58	cps
Lead	208-1	224032	226859	224311	225067	0.69	cps
Lithium	6-1	2820250	2817846	2823862	2820653	0.11	cps
Magnesium	24-2	2971267	2933673	2929349	2944763	0.78	cps

LB Number :	LB104299	Operator :	Jaswal
Lab Sample ID :	K3997-01	Instrumnet Name :	P7
Client Sample ID :	390717191.9	Dilution Factor :	1
Date & Time Acquired ::	2019-07-29 15:51:41	DataFile Name :	040SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	61230	60082	61277	60863	1.11	cps
Molybdenum	94-1	750	642	500	631	19.88	cps
Molybdenum	95-1	217	258	333	269	21.94	cps
Molybdenum	96-1	883	658	717	753	15.51	cps
Molybdenum	97-1	142	217	200	186	21.16	cps
Molybdenum	98-1	425	533	408	456	14.90	cps
Neodymium	150-1	147	213	200	187	18.90	cps
Neodymium	150-2	73	70	53	66	16.35	cps
Nickel	60-2	11968	12579	12582	12377	2.86	cps
Phosphorus	31-2	142	117	100	119	17.56	cps
Potassium	39-2	1150130	1122839	1146454	1139808	1.30	cps
Rhodium	103-1	9810643	9831778	9887198	9843206	0.40	cps
Rhodium	103-2	4475411	4409745	4432744	4439300	0.75	cps
Scandium	45-1	6247431	6224823	6263923	6245392	0.31	cps
Scandium	45-2	270250	264975	267133	267453	0.99	cps
Selenium	77-2	3	7	13	8	65.47	cps
Selenium	78-2	85	78	87	83	5.88	cps
Selenium	82-1	31	81	83	65	44.64	cps
Silicon	28-1	71775610	71467008	72010345	71750988	0.38	cps
Silver	109-1	542	433	392	456	17.00	cps
Silver	107-1	367	408	367	381	6.32	cps
Sodium	23-2	69952947	68487016	69255812	69231925	1.06	cps
Strontium	86-1	512354	517961	517702	516006	0.61	cps
Strontium	88-1	4425017	4482308	4472883	4460069	0.69	cps
Sulfur	34-1	1069990	1078452	1090029	1079491	0.93	cps
Terbium	159-1	15113141	15236701	15362811	15237551	0.82	cps
Terbium	159-2	7284616	7259528	7274163	7272769	0.17	cps
Thallium	203-1	1050	1225	1458	1245	16.46	cps
Thallium	205-1	2184	2150	2109	2148	1.75	cps
Thorium	232-1	2973	2873	3017	2954	2.51	cps
Tin	118-1	3259	2892	2850	3000	7.49	cps
Titanium	47-1	1225	1233	1217	1225	0.68	cps
Uranium	238-1	3509	3284	3409	3401	3.32	cps
Vanadium	51-2	50	57	53	53	6.25	cps
Yttrium	89-1	11222981	11294702	11333487	11283723	0.50	cps
Yttrium	89-2	1522728	1508868	1523667	1518421	0.55	cps

LB Number :	LB104299	Operator :	Jaswal
Lab Sample ID :	K3997-01	Instrumnet Name :	P7
Client Sample ID :	390717191.9	Dilution Factor :	1
Date & Time Acquired ::	2019-07-29 15:51:41	DataFile Name :	040SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zinc	66-2	21339	21189	21129	21219	0.51	cps
Zirconium	90-1	1175	1158	1375	1236	9.76	cps
Zirconium	91-1	208	258	300	256	17.96	cps

LB Number :	LB104299	Operator :	Jaswal
Lab Sample ID :	CCV72	Instrumnet Name :	P7
Client Sample ID :	CCV72	Dilution Factor :	1
Date & Time Acquired ::	2019-07-29 16:05:25	DataFile Name :	041CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	6254425	6253930	6294567	6267641	0.37	cps
Antimony	121-1	6465451	6491137	6496131	6484240	0.25	cps
Arsenic	75-1	1272868	1280206	1276986	1276687	0.29	cps
Barium	135-1	8157610	8186856	8196296	8180254	0.25	cps
Barium	137-1	14207384	14209141	14211328	14209285	0.01	cps
Beryllium	9-1	1109067	1116808	1106279	1110718	0.49	cps
Bismuth	209-1	9201102	9332741	9234454	9256099	0.74	cps
Bismuth	209-2	4836876	4830410	4812723	4826670	0.26	cps
Boron	11-1	748367	767664	781314	765782	2.16	cps
Boron	10-1	165461	167663	168218	167114	0.87	cps
Cadmium	106-1	208191	204649	207855	206898	0.94	cps
Cadmium	108-1	140698	141628	141964	141430	0.46	cps
Cadmium	111-1	1917316	1912358	1914476	1914717	0.13	cps
Calcium	43-1	8460560	8448935	8452159	8453885	0.07	cps
Calcium	44-1	137394116	137549891	138001991	137648666	0.23	cps
Chromium	52-2	1620525	1619991	1624857	1621791	0.16	cps
Cobalt	59-2	2626120	2634804	2628390	2629771	0.17	cps
Copper	63-2	4008039	4013032	4015405	4012159	0.09	cps
Dysprosium	156-1	217	267	208	231	13.68	cps
Dysprosium	156-2	217	230	180	209	12.40	cps
Erbium	164-2	83	97	80	87	10.18	cps
Erbium	164-1	142	108	150	133	16.54	cps
Gadolinium	160-1	167	125	208	167	25.00	cps
Gadolinium	160-2	300	247	283	277	9.86	cps
Holmium	165-1	14739985	15039877	14722906	14834256	1.20	cps
Holmium	165-2	7377771	7310276	7354342	7347463	0.47	cps
Indium	115-1	10812384	10921693	10751594	10828557	0.80	cps
Indium	115-2	2020836	2014371	2022085	2019097	0.21	cps
Iron	56-2	370008575	368995186	369670686	369558149	0.14	cps
Iron	57-2	9149698	9138899	9172855	9153817	0.19	cps
Krypton	83-1	327	297	357	327	9.18	cps
Lead	206-1	5344615	5339307	5368882	5350935	0.29	cps
Lead	207-1	4731583	4768767	4765220	4755190	0.43	cps
Lead	208-1	22145673	22276199	22256229	22226034	0.32	cps
Lithium	6-1	2702218	2711976	2681459	2698551	0.58	cps
Magnesium	24-2	64992816	64987179	65195285	65058426	0.18	cps

LB Number :	LB104299	Operator :	Jaswal
Lab Sample ID :	CCV72	Instrumnet Name :	P7
Client Sample ID :	CCV72	Dilution Factor :	1
Date & Time Acquired ::	2019-07-29 16:05:25	DataFile Name :	041CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	2030326	2024632	2026286	2027082	0.14	cps
Molybdenum	94-1	12979043	12926664	12991813	12965840	0.27	cps
Molybdenum	95-1	16129883	16136567	16142348	16136266	0.04	cps
Molybdenum	96-1	17830459	17829858	17814682	17824999	0.05	cps
Molybdenum	97-1	10113929	10113954	10101546	10109810	0.07	cps
Molybdenum	98-1	25871239	25885967	25895674	25884293	0.05	cps
Neodymium	150-1	673	733	700	702	4.28	cps
Neodymium	150-2	93	120	127	113	15.56	cps
Nickel	60-2	683532	688929	685664	686042	0.40	cps
Phosphorus	31-2	60382	58231	59160	59258	1.82	cps
Potassium	39-2	31324603	31254111	31343829	31307514	0.15	cps
Rhodium	103-1	8906093	9020931	8892921	8939982	0.79	cps
Rhodium	103-2	4024067	4026892	4026371	4025777	0.04	cps
Scandium	45-1	5976642	6034996	5941188	5984275	0.79	cps
Scandium	45-2	259707	257965	259706	259126	0.39	cps
Selenium	77-2	5711	5518	5491	5573	2.16	cps
Selenium	78-2	19248	19122	19229	19200	0.35	cps
Selenium	82-1	126203	125966	125927	126032	0.12	cps
Silicon	28-1	3607424	3588628	3600422	3598825	0.26	cps
Silver	109-1	8304278	8334397	8367321	8335332	0.38	cps
Silver	107-1	8771307	8768974	8793345	8777875	0.15	cps
Sodium	23-2	122756190	123183386	122502811	122814129	0.28	cps
Strontium	86-1	1966931	1943315	1940000	1950082	0.75	cps
Strontium	88-1	17813136	17933334	17839391	17861954	0.35	cps
Sulfur	34-1	833761	826749	817665	826058	0.98	cps
Terbium	159-1	14922152	15149969	15058208	15043443	0.76	cps
Terbium	159-2	7141427	7124287	7126492	7130735	0.13	cps
Thallium	203-1	7012955	7069936	7019241	7034044	0.44	cps
Thallium	205-1	16616221	16792829	16765035	16724695	0.57	cps
Thorium	232-1	25588841	25730012	26027233	25782029	0.87	cps
Tin	118-1	5555206	5552887	5611088	5573060	0.59	cps
Titanium	47-1	3652499	3641337	3638847	3644227	0.20	cps
Uranium	238-1	25008044	25213627	25280233	25167301	0.56	cps
Vanadium	51-2	1319943	1321854	1325234	1322343	0.20	cps
Yttrium	89-1	10840407	10963517	10711180	10838368	1.16	cps
Yttrium	89-2	1472809	1461988	1476920	1470572	0.52	cps

LB Number :	LB104299	Operator :	Jaswal
Lab Sample ID :	CCV72	Instrumnet Name :	P7
Client Sample ID :	CCV72	Dilution Factor :	1
Date & Time Acquired ::	2019-07-29 16:05:25	DataFile Name :	041CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zinc	66-2	665746	661937	663337	663673	0.29	cps
Zirconium	90-1	10475386	10580003	10548149	10534512	0.51	cps
Zirconium	91-1	2222647	2231256	2235764	2229889	0.30	cps

LB Number : LB104299 Operator : Jaswal
 Lab Sample ID : CCB72 Instrumnet Name : P7
 Client Sample ID : CCB72 Dilution Factor : 1
 Date & Time Acquired :: 2019-07-29 16:09:07 DataFile Name : 042CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	117	175	108	133	27.24	cps
Antimony	121-1	5743	5601	6193	5846	5.29	cps
Arsenic	75-1	-110	-54	-145	-103	-44.82	cps
Barium	135-1	633	375	408	472	29.76	cps
Barium	137-1	925	917	617	820	21.44	cps
Beryllium	9-1	230	207	190	209	9.62	cps
Bismuth	209-1	10642502	10596626	10599182	10612770	0.24	cps
Bismuth	209-2	5675868	5900803	5899873	5825514	2.22	cps
Boron	11-1	34674	32452	31968	33031	4.37	cps
Boron	10-1	7919	7277	7352	7516	4.67	cps
Cadmium	106-1	3459	3492	3267	3406	3.57	cps
Cadmium	108-1	8	21	17	15	41.67	cps
Cadmium	111-1	2711	2618	2421	2583	5.73	cps
Calcium	43-1	742	508	483	578	24.66	cps
Calcium	44-1	14416	12181	10621	12406	15.38	cps
Chromium	52-2	930	827	923	893	6.47	cps
Cobalt	59-2	137	133	93	121	19.91	cps
Copper	63-2	1173	1043	1040	1086	7.00	cps
Dysprosium	156-1	25	17	17	19	24.73	cps
Dysprosium	156-2	17	27	37	27	37.50	cps
Erbium	164-2	53	93	70	72	27.83	cps
Erbium	164-1	75	50	58	61	20.83	cps
Gadolinium	160-1	117	75	83	92	24.05	cps
Gadolinium	160-2	253	247	273	258	5.38	cps
Holmium	165-1	15524818	15376355	15544675	15481949	0.59	cps
Holmium	165-2	7789304	7755373	7754266	7766314	0.26	cps
Indium	115-1	12291246	12244306	12326008	12287187	0.33	cps
Indium	115-2	2327004	2297686	2320318	2315003	0.66	cps
Iron	56-2	16304	13929	12856	14363	12.28	cps
Iron	57-2	511	428	394	444	13.52	cps
Krypton	83-1	220	343	367	310	25.42	cps
Lead	206-1	1506	1417	1461	1461	3.04	cps
Lead	207-1	1461	1361	1411	1411	3.54	cps
Lead	208-1	5706	5184	5323	5404	5.01	cps
Lithium	6-1	2901272	2900477	2922281	2908010	0.43	cps
Magnesium	24-2	1825	1583	1400	1603	13.30	cps

LB Number :	LB104299	Operator :	Jaswal
Lab Sample ID :	CCB72	Instrumnet Name :	P7
Client Sample ID :	CCB72	Dilution Factor :	1
Date & Time Acquired ::	2019-07-29 16:09:07	DataFile Name :	042CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	103	117	87	102	14.70	cps
Molybdenum	94-1	2167	2484	1817	2156	15.47	cps
Molybdenum	95-1	3267	2584	2509	2787	15.00	cps
Molybdenum	96-1	3092	2892	2567	2850	9.30	cps
Molybdenum	97-1	1950	1784	1467	1734	14.17	cps
Molybdenum	98-1	4843	4042	4226	4370	9.59	cps
Neodymium	150-1	7	13	7	9	43.25	cps
Neodymium	150-2	10	20	3	11	75.52	cps
Nickel	60-2	73	90	83	82	10.20	cps
Phosphorus	31-2	108	67	67	81	29.86	cps
Potassium	39-2	19814	18996	19330	19380	2.12	cps
Rhodium	103-1	10630058	10595782	10665223	10630354	0.33	cps
Rhodium	103-2	5087937	4771869	4821380	4893729	3.47	cps
Scandium	45-1	6479685	6457098	6533654	6490146	0.61	cps
Scandium	45-2	281634	276291	280512	279479	1.01	cps
Selenium	77-2	3	7	0	3	100.05	cps
Selenium	78-2	83	50	61	65	26.18	cps
Selenium	82-1	131	59	-6	61	111.81	cps
Silicon	28-1	147782	147375	148785	147981	0.49	cps
Silver	109-1	958	717	550	742	27.68	cps
Silver	107-1	1000	683	550	744	31.05	cps
Sodium	23-2	27860	27276	27067	27401	1.50	cps
Strontium	86-1	625	617	450	564	17.51	cps
Strontium	88-1	1217	1167	758	1047	24.01	cps
Sulfur	34-1	246414	248564	247692	247557	0.44	cps
Terbium	159-1	15721086	15636294	15720816	15692732	0.31	cps
Terbium	159-2	7631887	7575987	7617028	7608301	0.38	cps
Thallium	203-1	2684	2492	2225	2467	9.33	cps
Thallium	205-1	5935	5268	4676	5293	11.90	cps
Thorium	232-1	7552	6546	6635	6911	8.06	cps
Tin	118-1	2217	2167	2142	2175	1.76	cps
Titanium	47-1	283	392	308	328	17.31	cps
Uranium	238-1	4368	4101	4126	4198	3.51	cps
Vanadium	51-2	53	33	13	33	60.01	cps
Yttrium	89-1	11765455	11740995	11840595	11782348	0.44	cps
Yttrium	89-2	1608132	1592022	1602101	1600751	0.51	cps

LB Number :	LB104299	Operator :	Jaswal
Lab Sample ID :	CCB72	Instrumnet Name :	P7
Client Sample ID :	CCB72	Dilution Factor :	1
Date & Time Acquired ::	2019-07-29 16:09:07	DataFile Name :	042CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zinc	66-2	350	367	323	347	6.30	cps
Zirconium	90-1	1884	1909	1925	1906	1.10	cps
Zirconium	91-1	450	442	475	456	3.81	cps