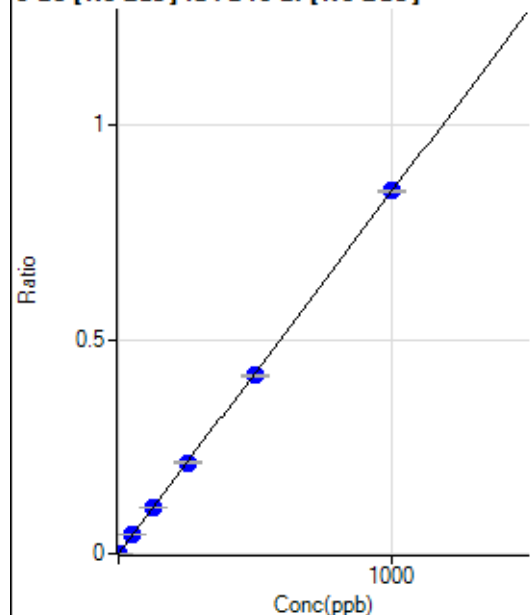


Batch Folder: D:\ICP-MS Data\P7072919 MS.b\
Analysis File: P7072919 MS.batch.bin
DA Date-Time: 2019-07-29 13:53:10
Calibration Title:
Calibration Method: External Calibration
VIS Interpolation Fit:

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

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

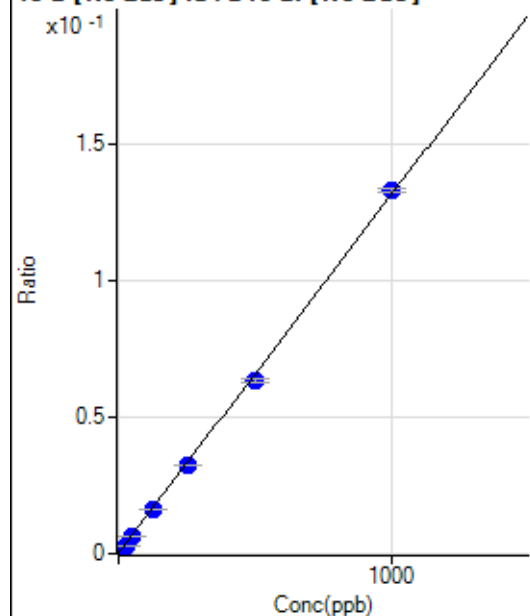
$$R = 1.0000$$

$$DL = 0.006752$$

$$BEC = 0.0253$$

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

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

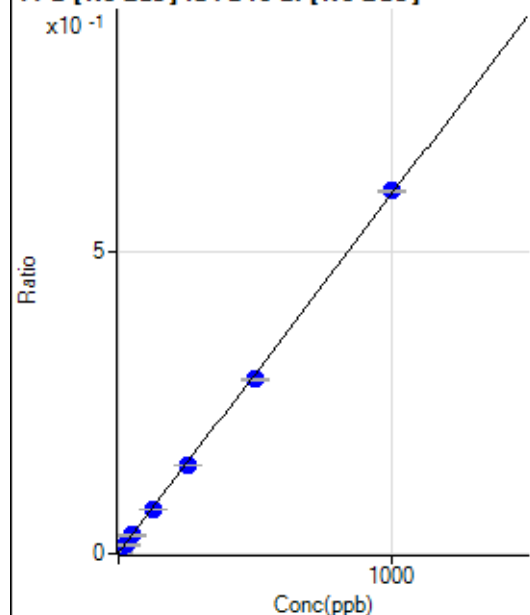
$$R = 0.9998$$

$$DL = 1.178$$

$$BEC = 2.003$$

Weight: <None>

Min Conc: 0

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

	Rj 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

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

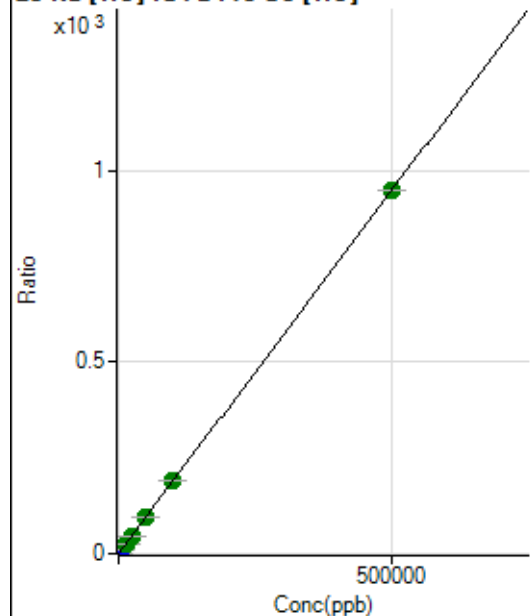
$$R = 0.9998$$

$$DL = 0.0973$$

$$BEC = 2.008$$

Weight: <None>

Min Conc: 0

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

	Rj 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

$$y = 0.0019 * x + 0.0493$$

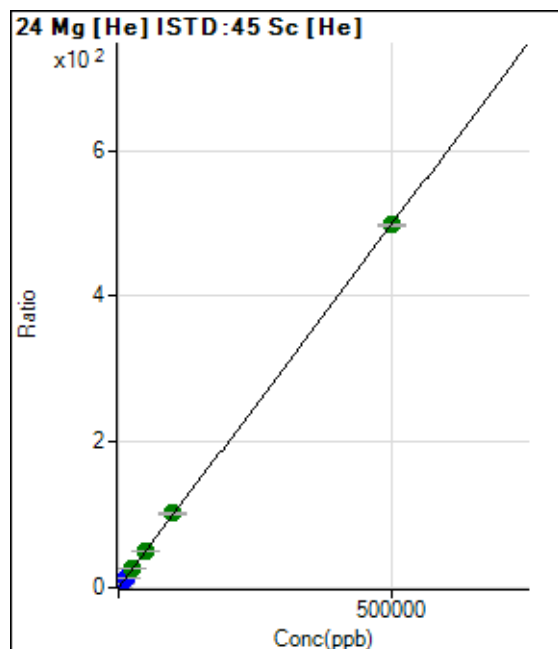
$$R = 1.0000$$

$$DL = 3.035$$

$$BEC = 26$$

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

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

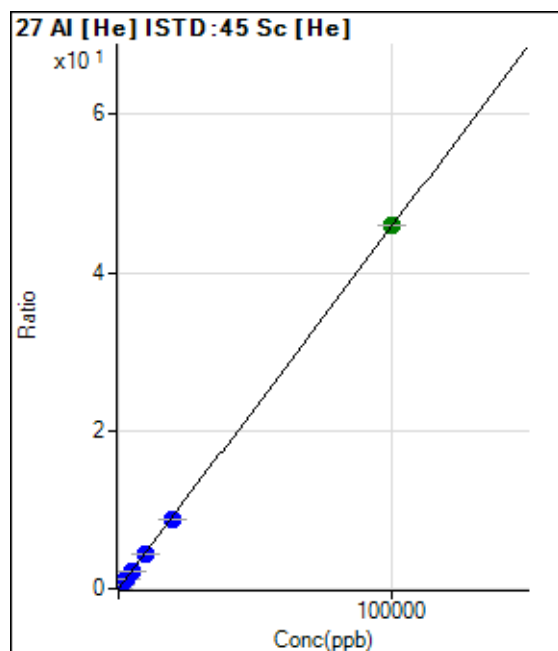
$$R = 1.0000$$

$$DL = 0.5294$$

$$BEC = 0.439$$

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

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

$$R = 1.0000$$

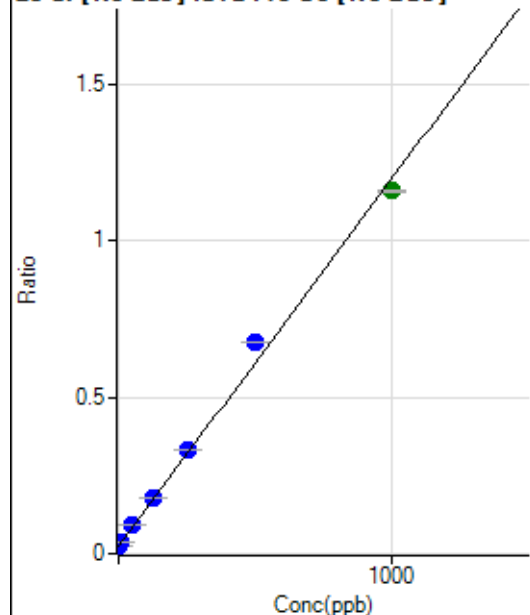
$$DL = 0.8467$$

$$BEC = 0.5126$$

Weight: <None>

Min Conc: 0

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



	R _j 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

$$y = 0.0012 * x + 0.0235$$

$$R = 0.9976$$

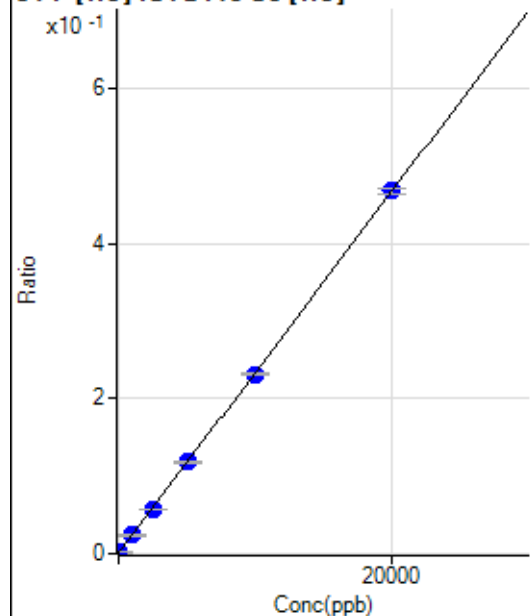
$$DL = 0.6307$$

$$BEC = 19.99$$

Weight: <None>

Min Conc: 0

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



	R _j 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

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

$$R = 1.0000$$

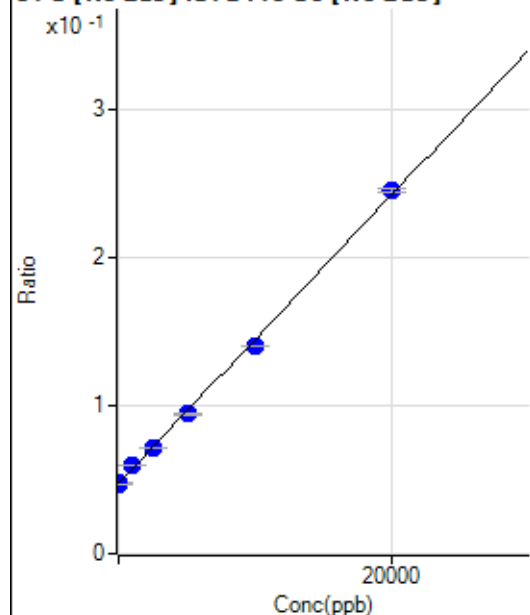
$$DL = 15.26$$

$$BEC = 38.62$$

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

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

$$R = 0.9994$$

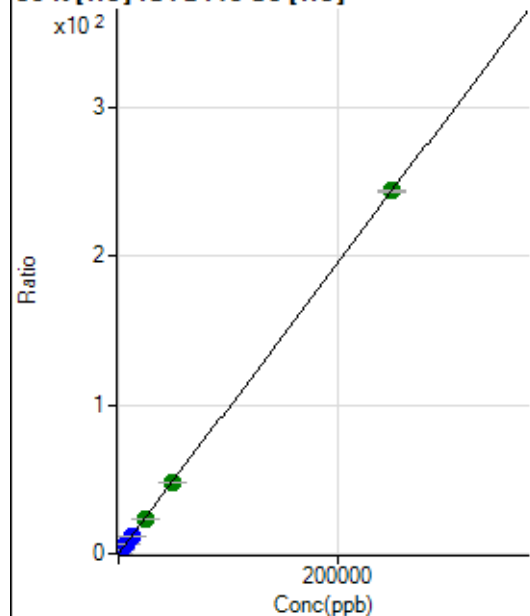
$$DL = 119.2$$

$$BEC = 4871$$

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

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

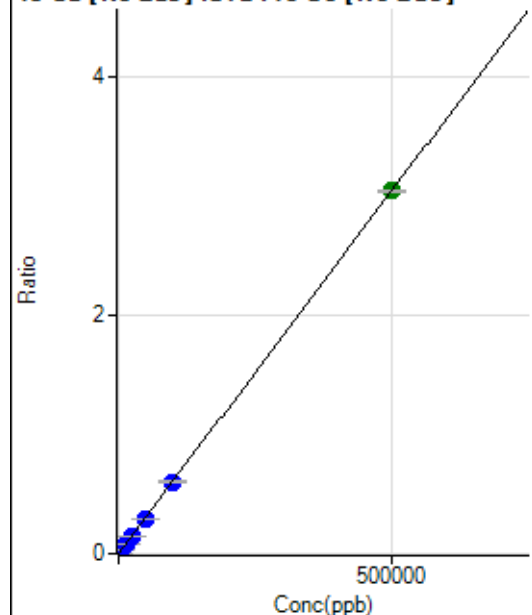
$$R = 1.0000$$

$$DL = 10.73$$

$$BEC = 67.65$$

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

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

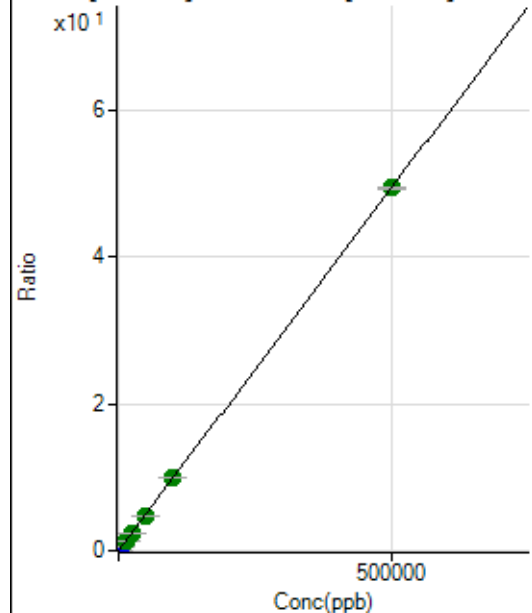
$$R = 1.0000$$

$$DL = 3.089$$

$$BEC = 4.069$$

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

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

$$R = 1.0000$$

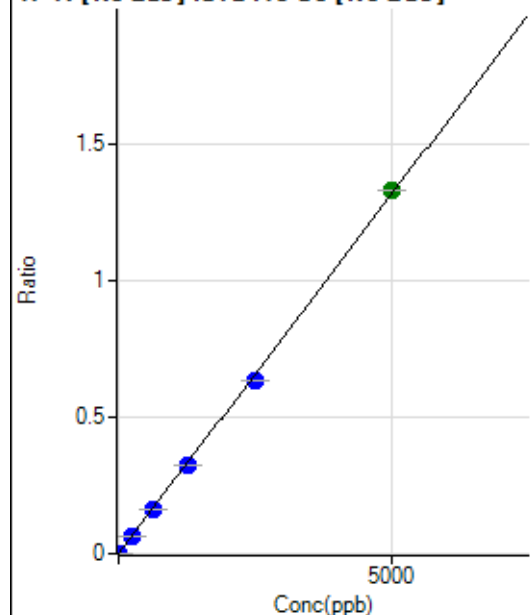
$$DL = 1.608$$

$$BEC = 10.98$$

Weight: <None>

Min Conc: 0

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



	Rj 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

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

$$R = 0.9998$$

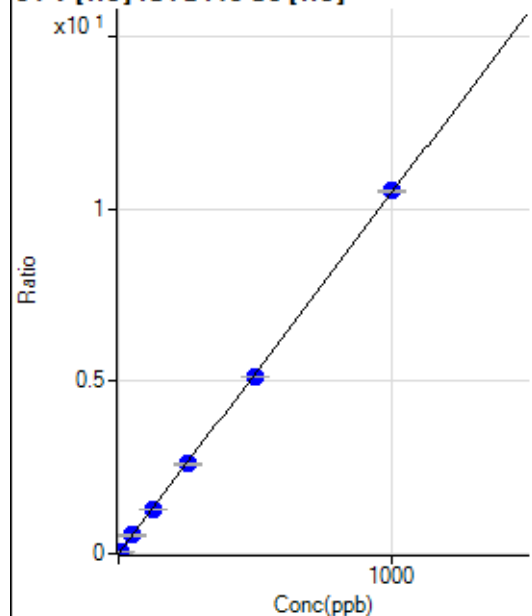
$$DL = 0.03893$$

$$BEC = 0.05968$$

Weight: <None>

Min Conc: 0

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



	Rj 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

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

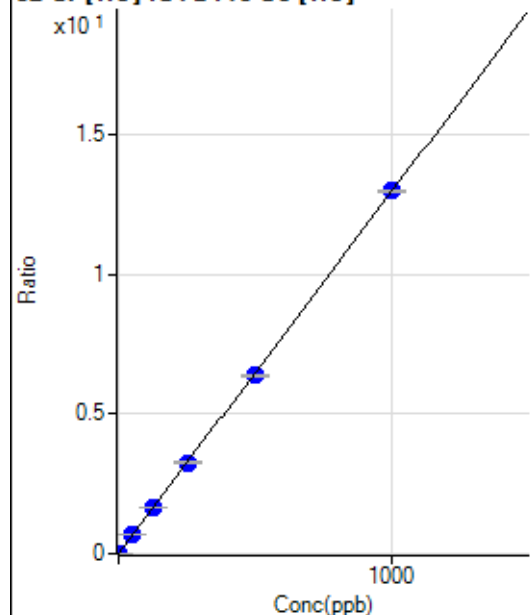
$$R = 0.9999$$

$$DL = 0.004235$$

$$BEC = 0.002039$$

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

$$y = 0.0129 * x + 0.0028$$

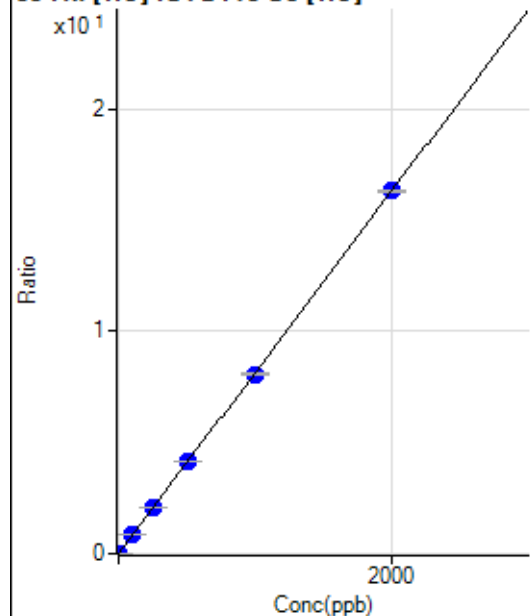
$$R = 1.0000$$

$$DL = 0.03173$$

$$BEC = 0.2187$$

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

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

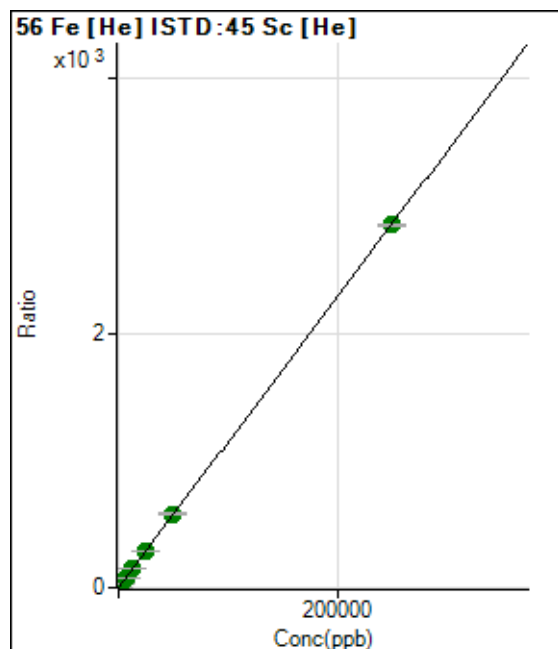
$$R = 1.0000$$

$$DL = 0.01511$$

$$BEC = 0.02464$$

Weight: <None>

Min Conc: 0



	R _j 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

$$y = 0.0114 * x + 0.0137$$

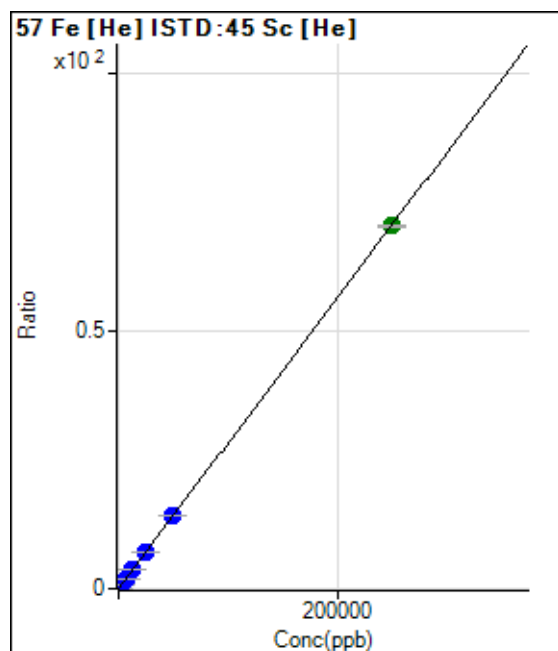
$$R = 1.0000$$

$$DL = 0.08412$$

$$BEC = 1.205$$

Weight: <None>

Min Conc: 0



	R _j 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

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

$$R = 1.0000$$

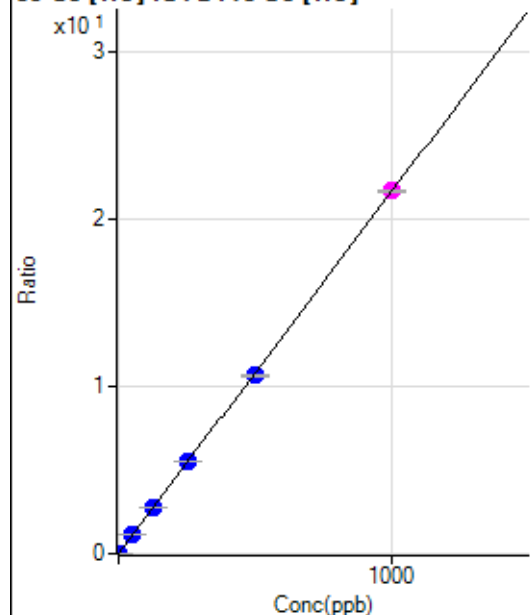
$$DL = 1.083$$

$$BEC = 2.099$$

Weight: <None>

Min Conc: 0

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



	R _{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

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

$$R = 1.0000$$

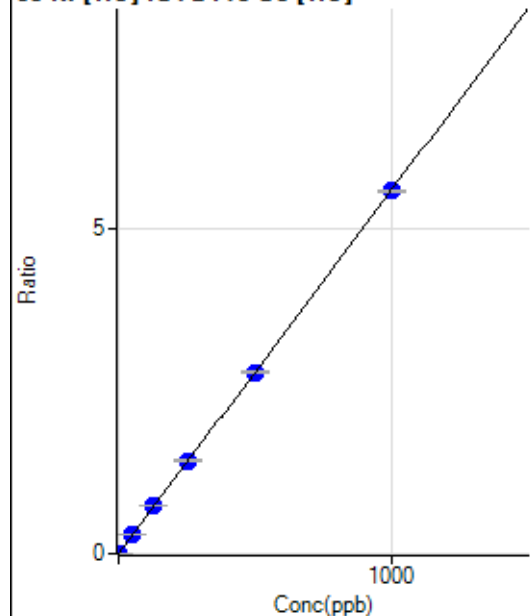
$$DL = 0.0047$$

$$BEC = 0.01067$$

Weight: <None>

Min Conc: 0

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



	R _{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

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

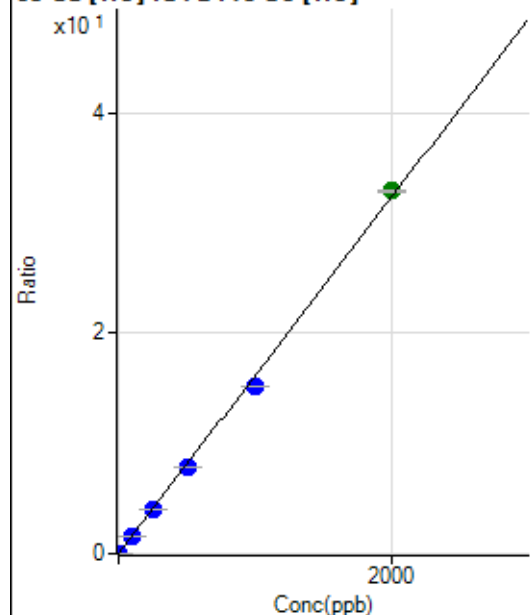
$$R = 1.0000$$

$$DL = 0.02419$$

$$BEC = 0.03288$$

Weight: <None>

Min Conc: 0

⁶³Cu [He] ISTD:45 Sc [He]

	R _{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

$$y = 0.0162 * x + 0.0038$$

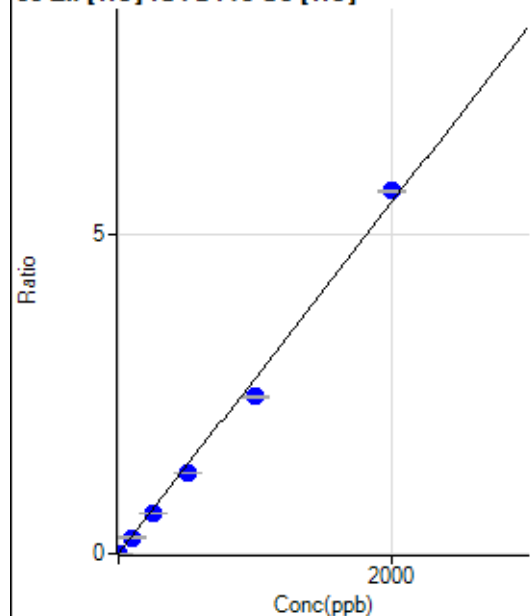
$$R = 0.9993$$

$$DL = 0.01509$$

$$BEC = 0.2331$$

Weight: <None>

Min Conc: 0

⁶⁶Zn [He] ISTD:45 Sc [He]

	R _{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

$$y = 0.0027 * x + 0.0014$$

$$R = 0.9977$$

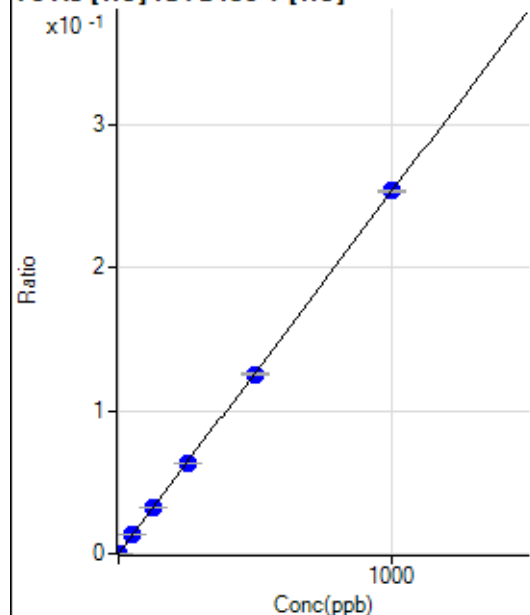
$$DL = 0.09699$$

$$BEC = 0.5083$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	11.11	0.0000	P	29.5
2	☐	0.100	0.108	52.47	0.0000	P	15.3
3	☐	1.000	1.059	419.14	0.0003	P	3.5
4	☐	50.000	51.784	19047.14	0.0131	P	0.8
5	☐	125.000	126.342	43771.20	0.0319	P	0.4
6	☐	250.000	248.864	83244.19	0.0629	P	0.1
7	☐	500.000	495.207	163782.51	0.1251	P	0.8
8	☐	1000.000	1002.423	341855.54	0.2533	P	0.6
9	☐			463.59	0.0003	P	8.7

$$y = 2.5269\text{E-}004 * x + 7.4716\text{E-}006$$

$$R = 1.0000$$

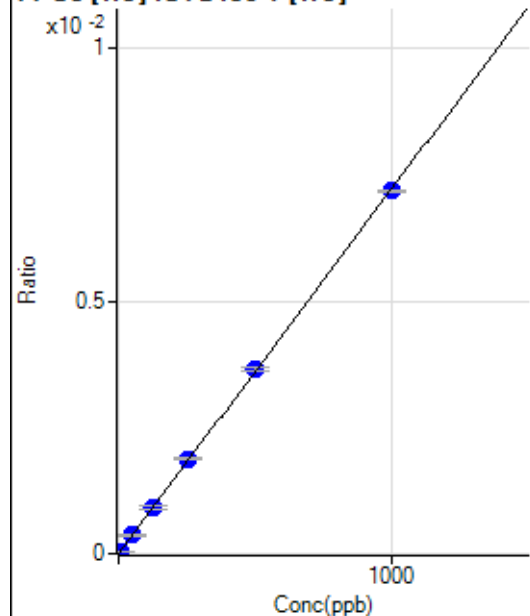
$$DL = 0.02616$$

$$BEC = 0.02957$$

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	

$$y = 7.2162\text{E-}006 * x + 0.0000\text{E+}000$$

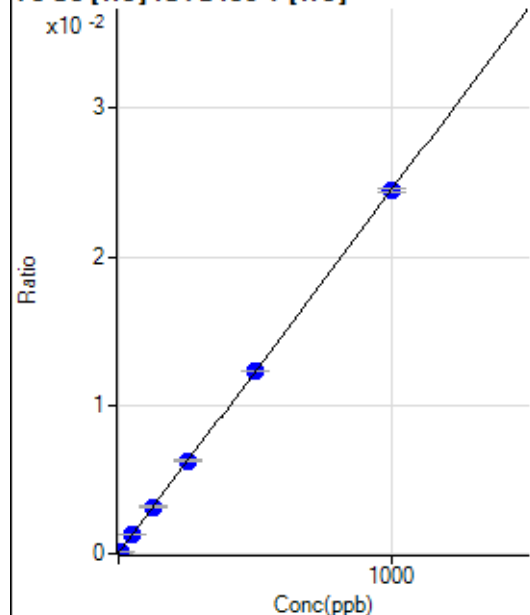
$$R = 0.9999$$

$$DL = 0$$

$$BEC = 0$$

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

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

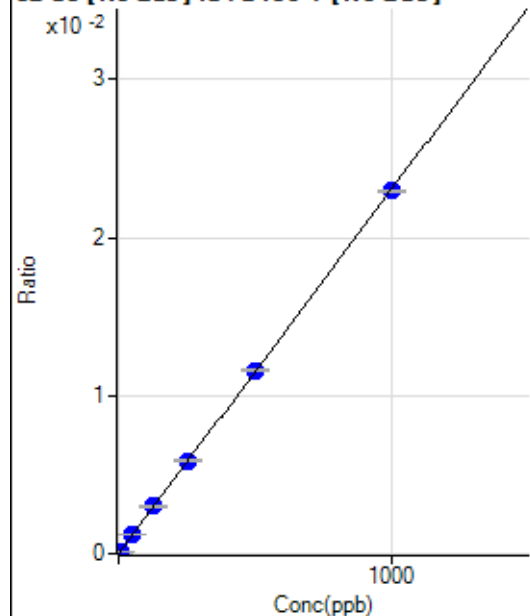
$$R = 1.0000$$

$$DL = 1.653$$

$$BEC = 1.797$$

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

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

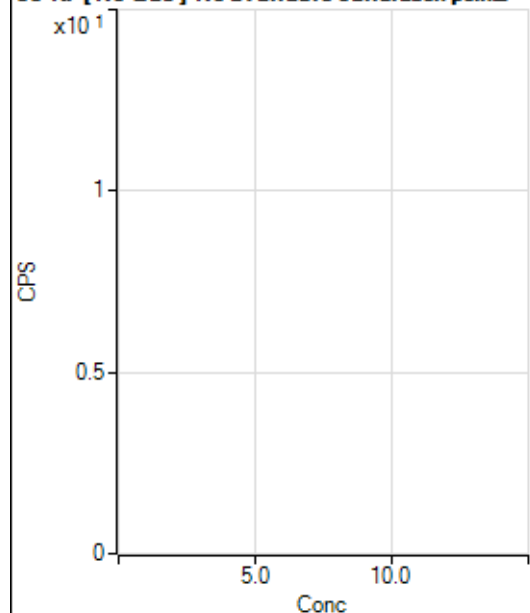
$$R = 1.0000$$

$$DL = 0.2572$$

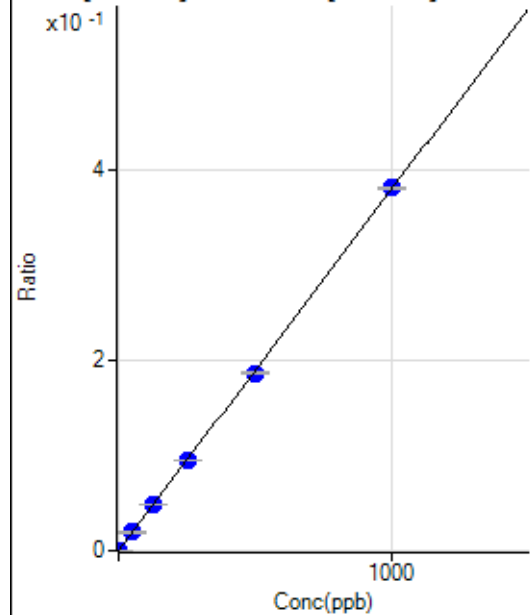
$$BEC = 0.09609$$

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

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

$$R = 0.9999$$

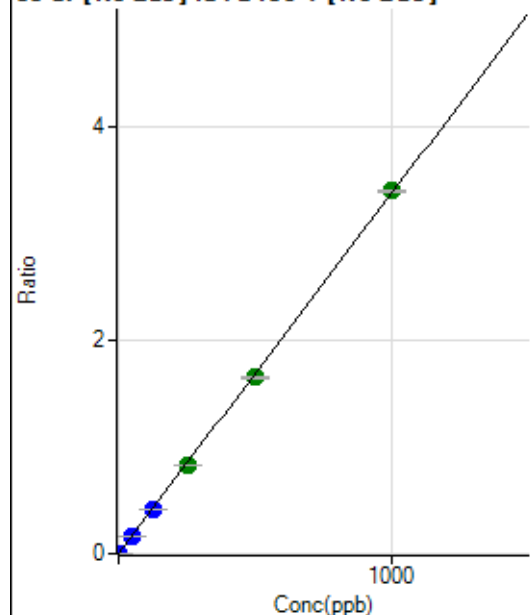
$$DL = 0.07532$$

$$BEC = 0.1058$$

Weight: <None>

Min Conc: 0

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



	R _{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

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

$$R = 0.9999$$

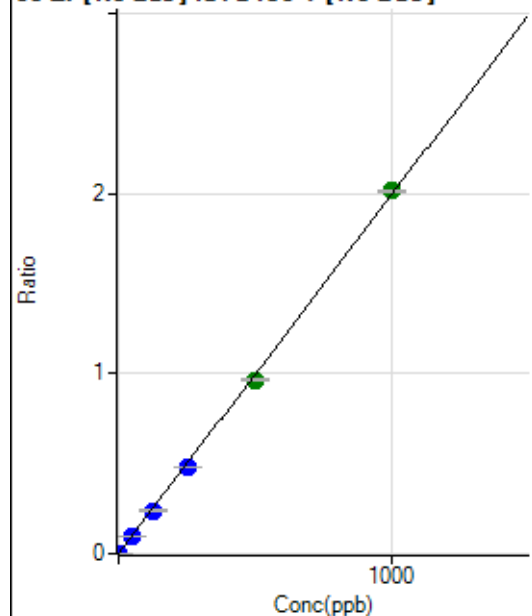
$$DL = 0.001313$$

$$BEC = 0.002831$$

Weight: <None>

Min Conc: 0

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



	R _{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

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

$$R = 0.9998$$

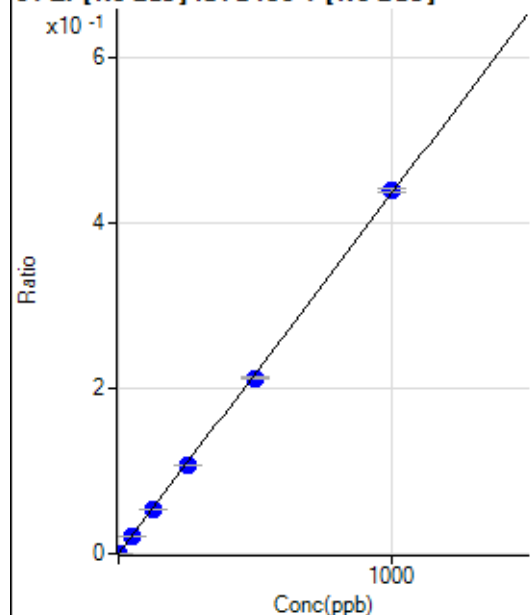
$$DL = 0.008356$$

$$BEC = 0.03583$$

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

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

$$R = 0.9999$$

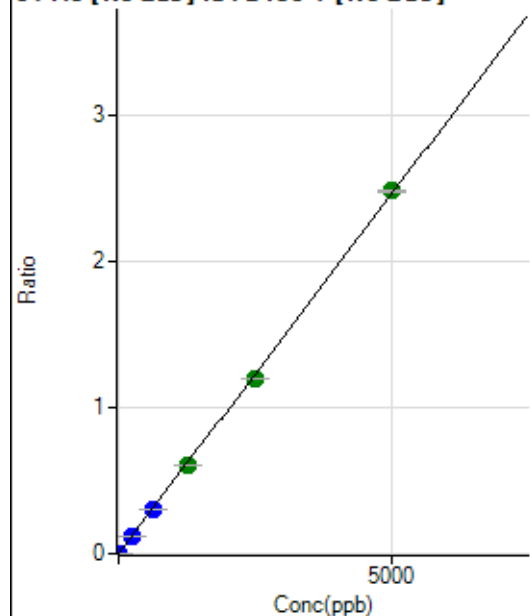
$$DL = 0.02051$$

$$BEC = 0.03766$$

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

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

$$R = 0.9998$$

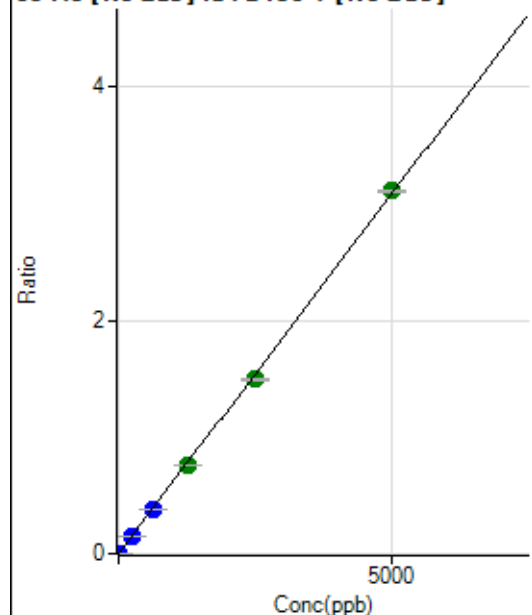
$$DL = 0.06358$$

$$BEC = 0.05458$$

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

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

$$R = 0.9998$$

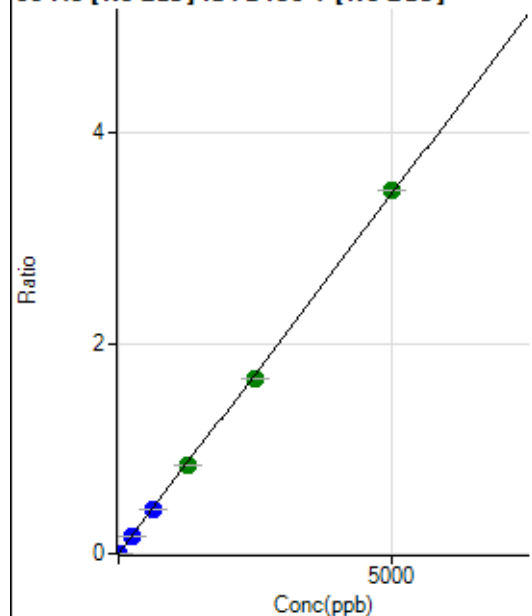
$$DL = 0.01068$$

$$BEC = 0.00834$$

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

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

$$R = 0.9998$$

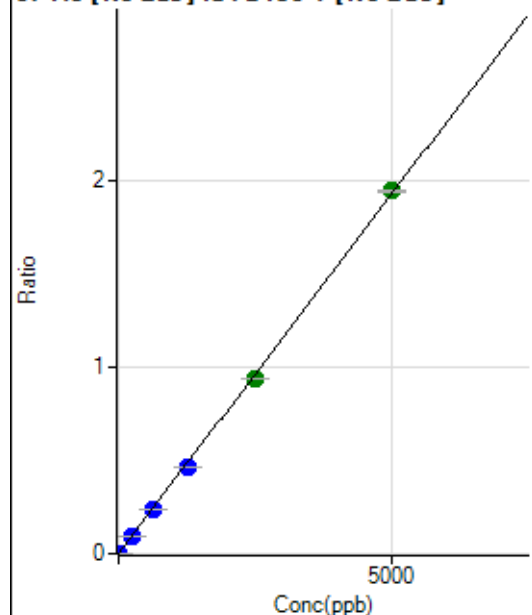
$$DL = 0.008142$$

$$BEC = 0.02435$$

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

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

$$R = 0.9998$$

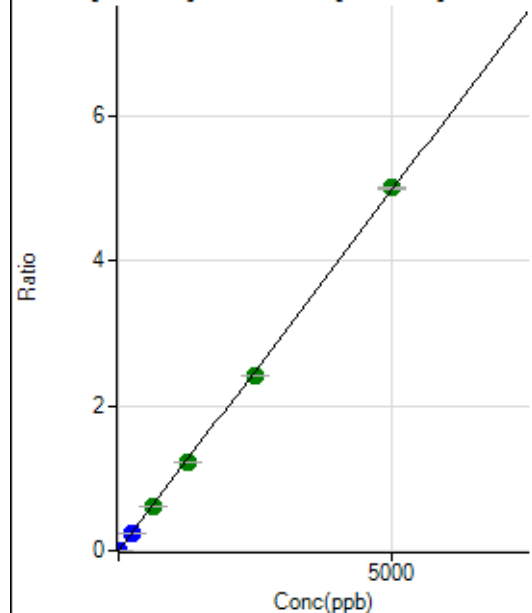
$$DL = 0.008777$$

$$BEC = 0.01457$$

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

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

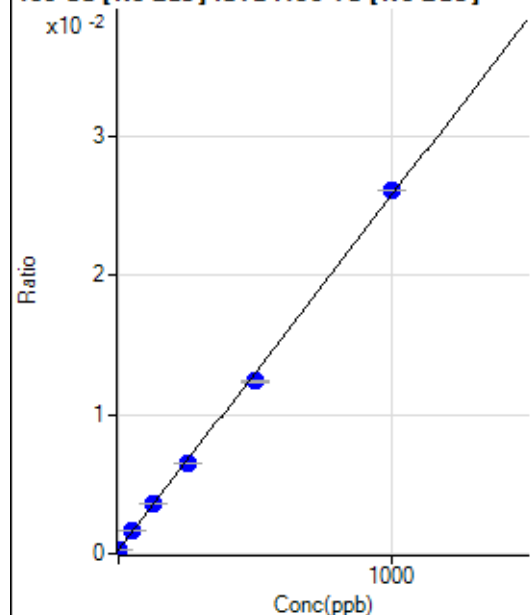
$$R = 0.9999$$

$$DL = 0.008448$$

$$BEC = 0.00863$$

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

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

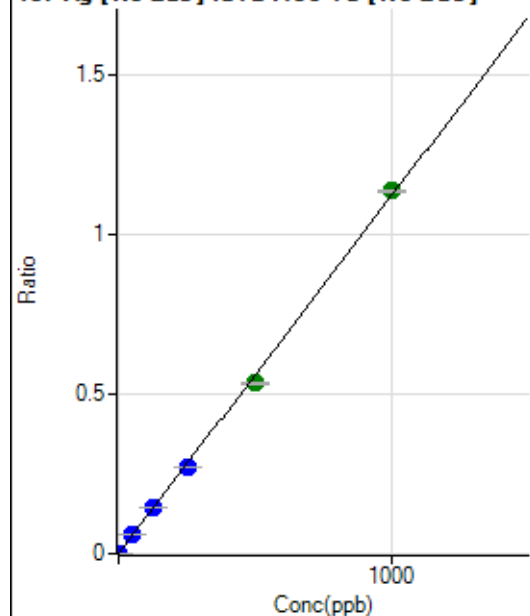
$$R = 0.9995$$

$$DL = 1.323$$

$$BEC = 11.35$$

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

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

$$R = 0.9995$$

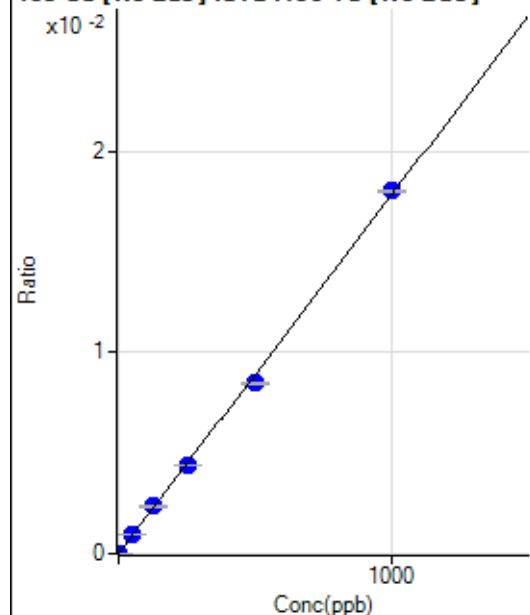
$$DL = 0.002237$$

$$BEC = 0.006576$$

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

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

$$R = 0.9995$$

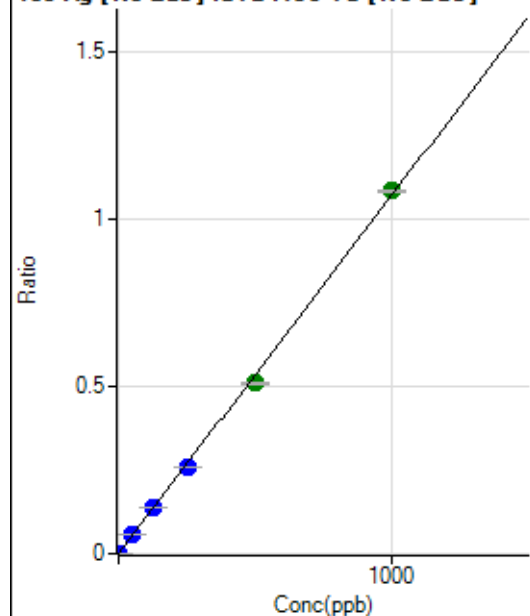
$$DL = 0.05406$$

$$BEC = 0.0363$$

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

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

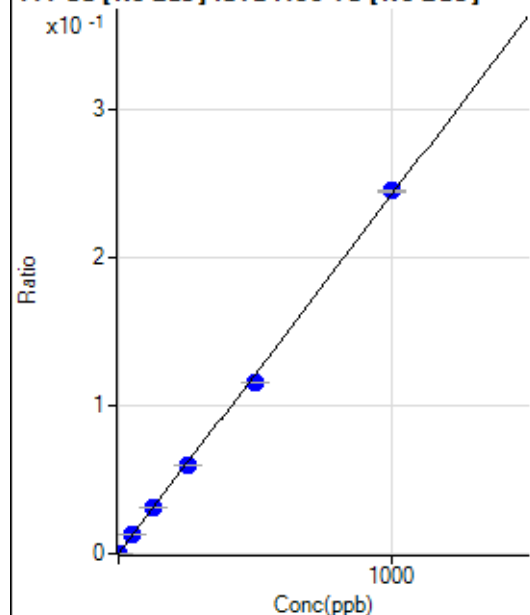
$$R = 0.9995$$

$$DL = 0.0008658$$

$$BEC = 0.00276$$

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

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

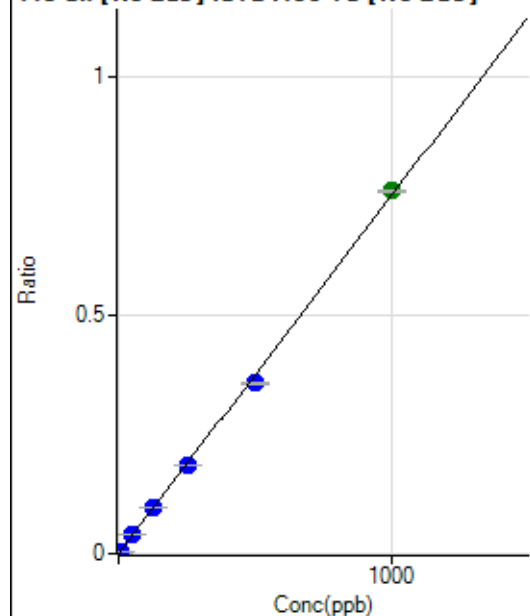
$$R = 0.9996$$

$$DL = 0.08161$$

$$BEC = 0.8395$$

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

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

$$R = 0.9996$$

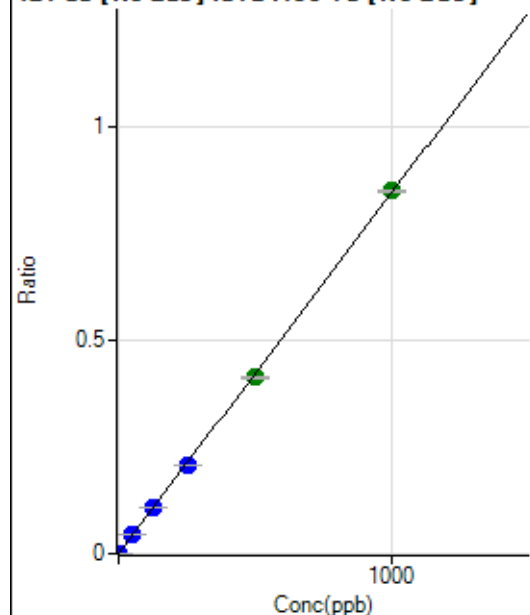
$$DL = 0.02324$$

$$BEC = 0.05777$$

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

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

$$R = 0.9999$$

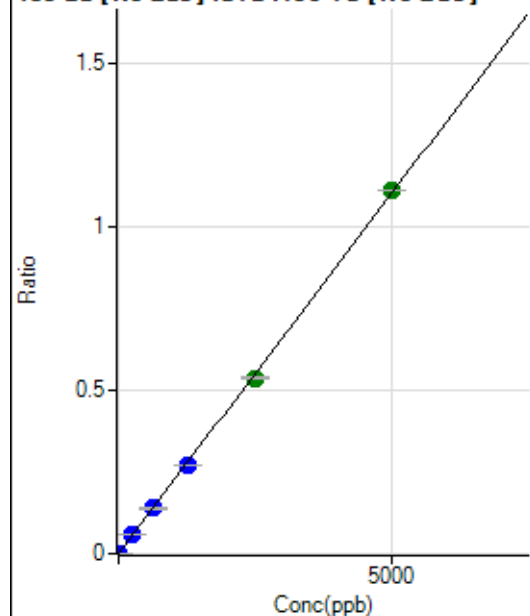
$$DL = 0.003974$$

$$BEC = 0.006765$$

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

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

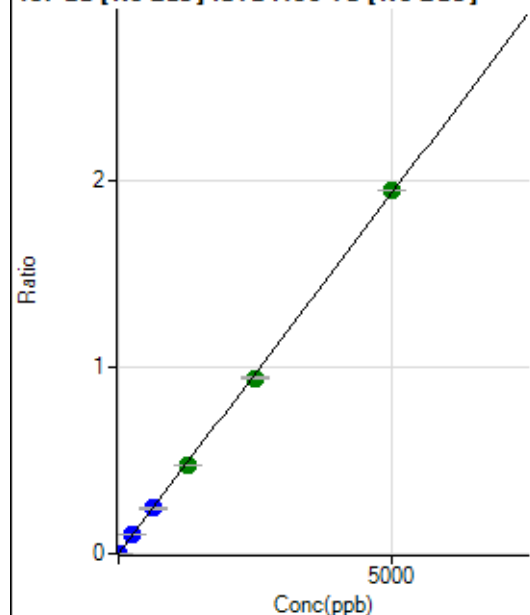
$$R = 0.9999$$

$$DL = 0.008861$$

$$BEC = 0.006709$$

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

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

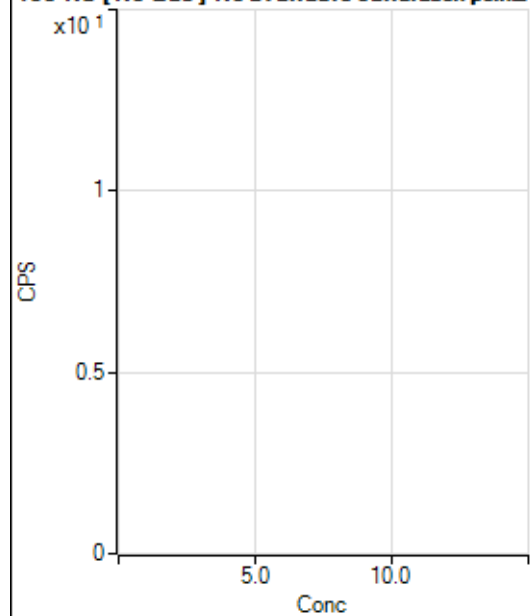
$$R = 0.9999$$

$$DL = 0.01133$$

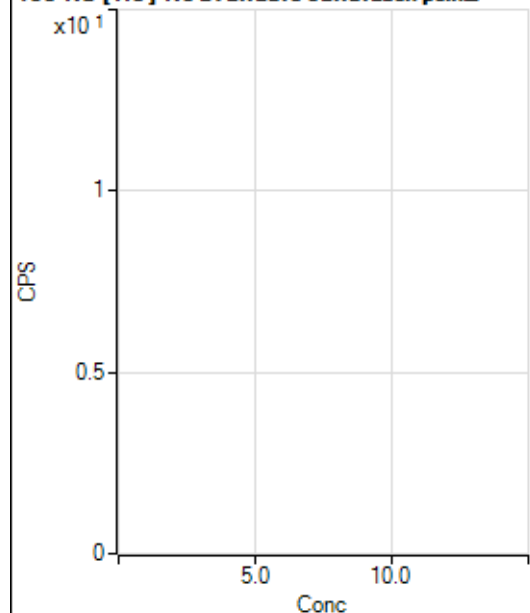
$$BEC = 0.005726$$

Weight: <None>

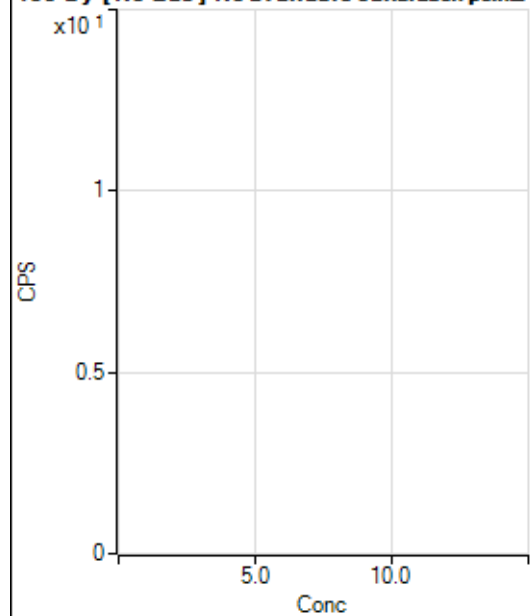
Min Conc: 0

150 Nd [No Gas] No available calibration points

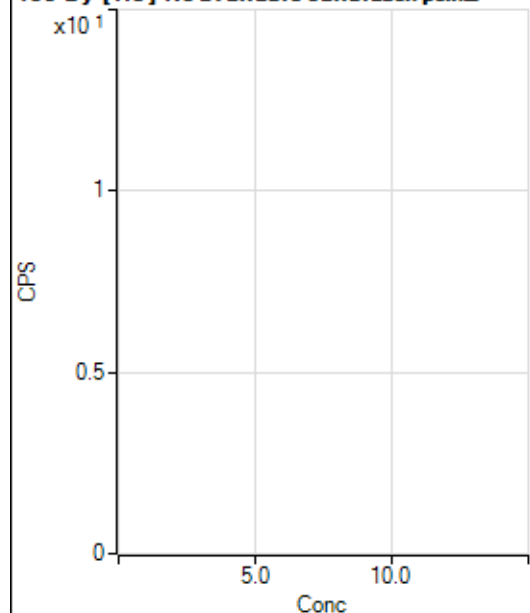
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			11.11		P	34.6
2	☐			2.22		P	173.
3	☐			11.11		P	34.6
4	☐			71.11		P	19.5
5	☐			117.78		P	14.2
6	☐			260.01		P	13.3
7	☐			508.92		P	3.0
8	☐			960.07		P	10.0
9	☐			251.12		P	3.1

150 Nd [He] No available calibration points

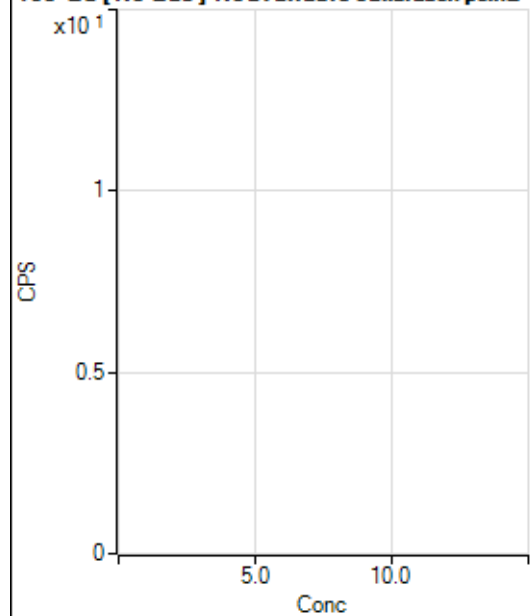
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			10.00		P	33.3
2	☐			8.89		P	57.3
3	☐			12.22		P	56.8
4	☐			23.33		P	28.6
5	☐			20.00		P	28.9
6	☐			31.11		P	27.0
7	☐			56.67		P	21.2
8	☐			110.00		P	10.9
9	☐			102.22		P	26.2

156 Dy [No Gas] No available calibration points

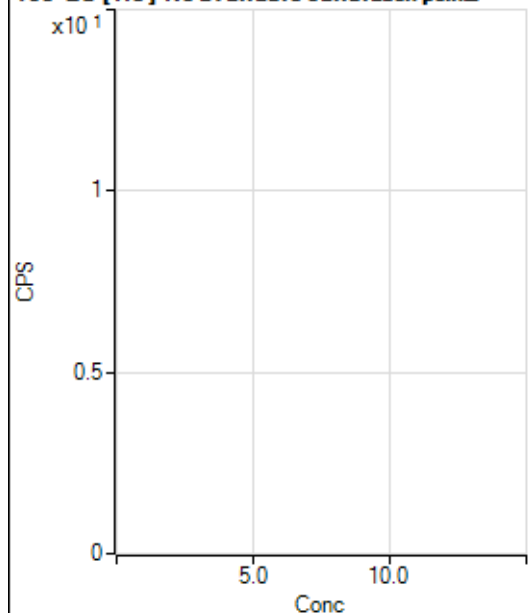
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			13.89		P	69.3
2	☐			25.00		P	0.0
3	☐			33.34		P	25.0
4	☐			41.67		P	52.9
5	☐			41.67		P	20.0
6	☐			69.45		P	45.4
7	☐			158.34		P	27.9
8	☐			191.68		P	15.7
9	☐			200.01		P	27.3

156 Dy [He] No available calibration points

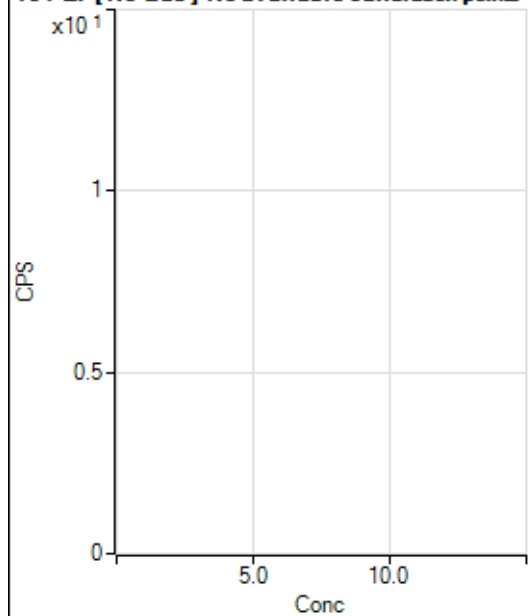
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			31.11		P	32.7
2	☐			27.78		P	27.7
3	☐			20.00		P	60.1
4	☐			30.00		P	40.1
5	☐			47.78		P	26.4
6	☐			83.34		P	10.6
7	☐			152.23		P	5.1
8	☐			271.12		P	17.9
9	☐			97.78		P	30.9

160 Gd [No Gas] Noavailable calibration poin_

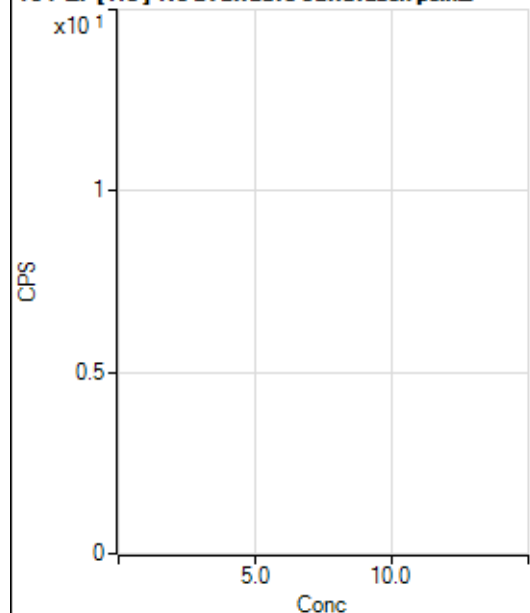
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			91.67		P	27.3
2	☐			102.78		P	28.5
3	☐			116.67		P	12.4
4	☐			125.01		P	46.7
5	☐			138.90		P	24.2
6	☐			125.01		P	40.5
7	☐			155.56		P	15.5
8	☐			163.89		P	34.6
9	☐			150.01		P	25.5

160 Gd [He] No available calibration points

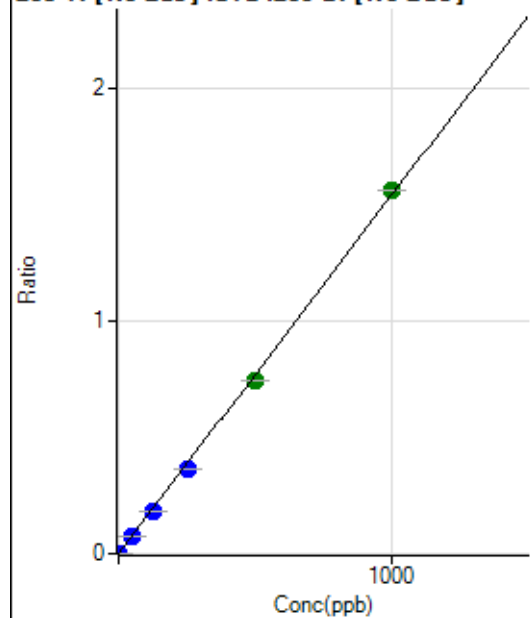
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			223.34		P	24.4
2	☐			212.23		P	6.5
3	☐			205.56		P	12.0
4	☐			218.89		P	7.7
5	☐			244.45		P	10.3
6	☐			214.45		P	2.4
7	☐			213.34		P	14.3
8	☐			217.78		P	14.5
9	☐			257.78		P	8.3

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

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

$$R = 0.9997$$

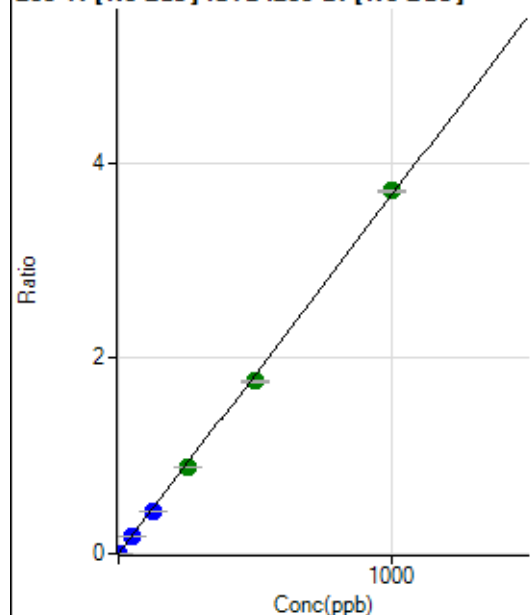
$$DL = 0.01091$$

$$BEC = 0.04321$$

Weight: <None>

Min Conc: 0

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



	R _j 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

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

$$R = 0.9997$$

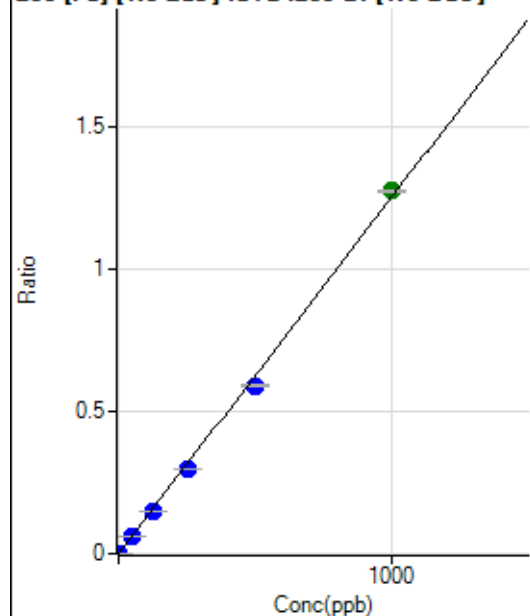
$$DL = 0.009121$$

$$BEC = 0.0299$$

Weight: <None>

Min Conc: 0

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



	R _j 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

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

$$R = 0.9993$$

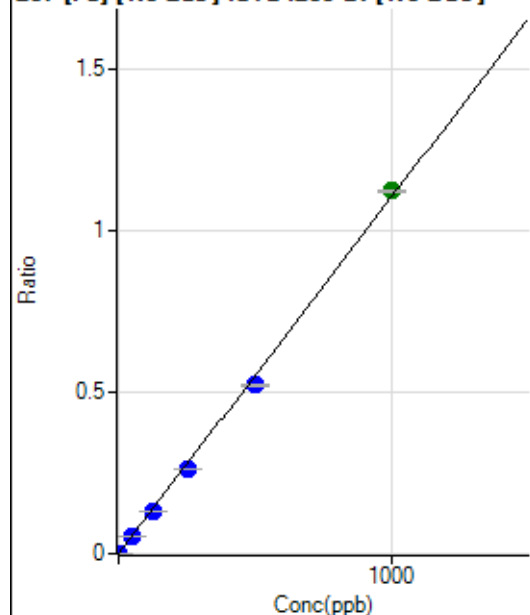
$$DL = 0.01444$$

$$BEC = 0.08231$$

Weight: <None>

Min Conc: 0

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



	R _j 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

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

$$R = 0.9994$$

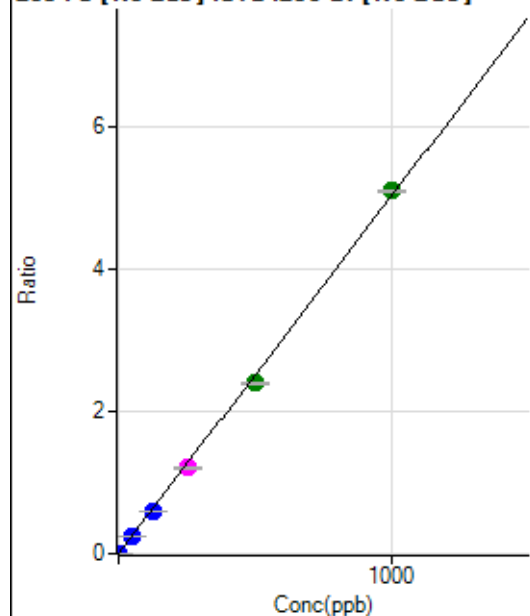
$$DL = 0.01419$$

$$BEC = 0.09417$$

Weight: <None>

Min Conc: 0

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



	R _j 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

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

$$R = 0.9996$$

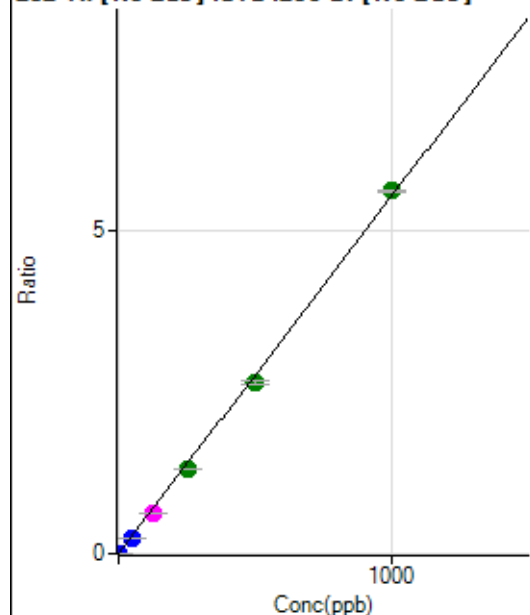
$$DL = 0.005813$$

$$BEC = 0.07192$$

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

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

$$R = 0.9996$$

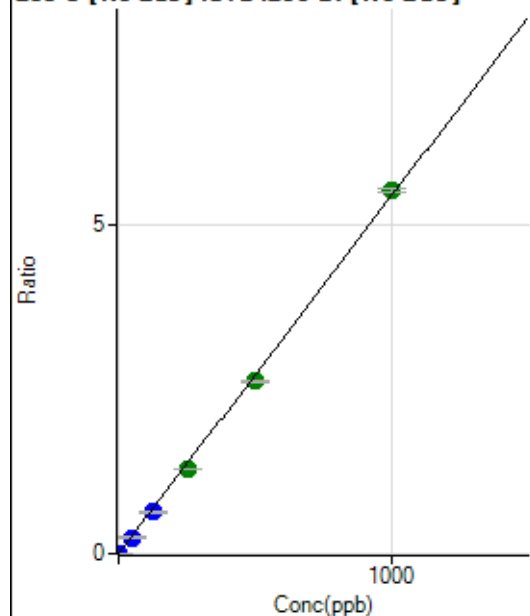
$$DL = 0.002635$$

$$BEC = 0.03986$$

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

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

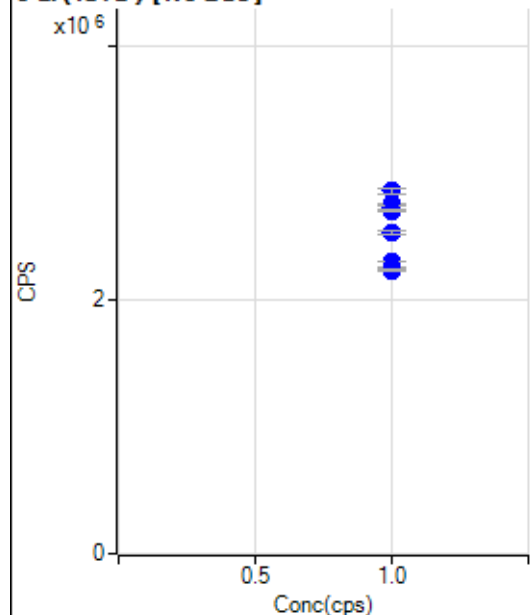
$$R = 0.9996$$

$$DL = 0.01342$$

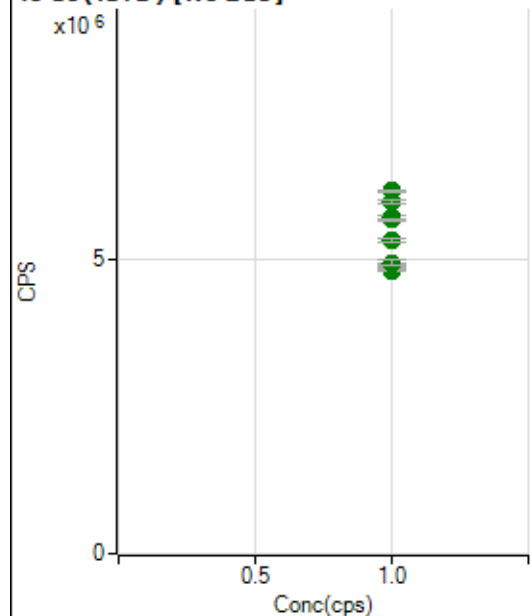
$$BEC = 0.05183$$

Weight: <None>

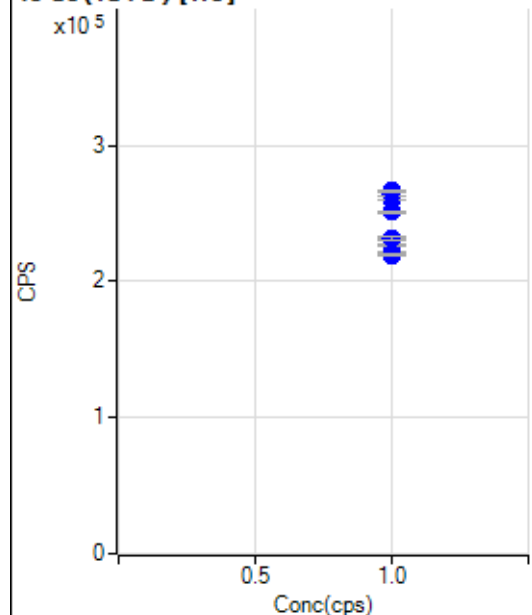
Min Conc: 0

6 Li (ISTD) [No Gas]

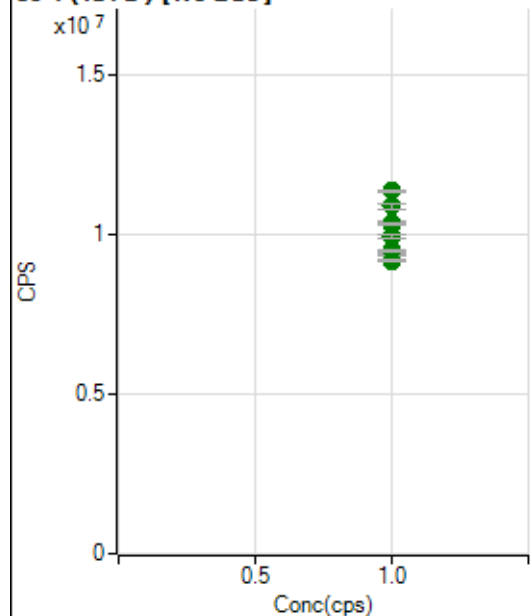
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		2753622.88		P	0.3
2	☐	1.000		2729907.81		P	0.8
3	☐	1.000		2859619.56		P	1.3
4	☐	1.000		2701456.58		P	0.8
5	☐	1.000		2531773.18		P	1.1
6	☐	1.000		2303573.14		P	0.6
7	☐	1.000		2259261.82		P	0.5
8	☐	1.000		2260981.37		P	0.1
9	☐	1.000		2232524.86		P	1.0

45 Sc (ISTD) [No Gas]

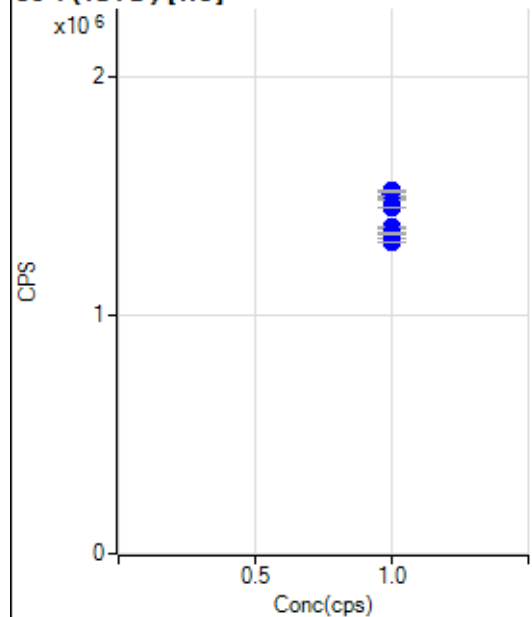
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		6183744.50		A	0.2
2	☐	1.000		5733155.60		A	0.7
3	☐	1.000		5984648.40		A	1.0
4	☐	1.000		5690044.70		A	0.6
5	☐	1.000		5332087.23		A	1.1
6	☐	1.000		4867923.07		A	0.3
7	☐	1.000		4832681.97		A	0.2
8	☐	1.000		4946335.57		A	0.5
9	☐	1.000		4962036.92		A	1.6

45 Sc (ISTD) [He]

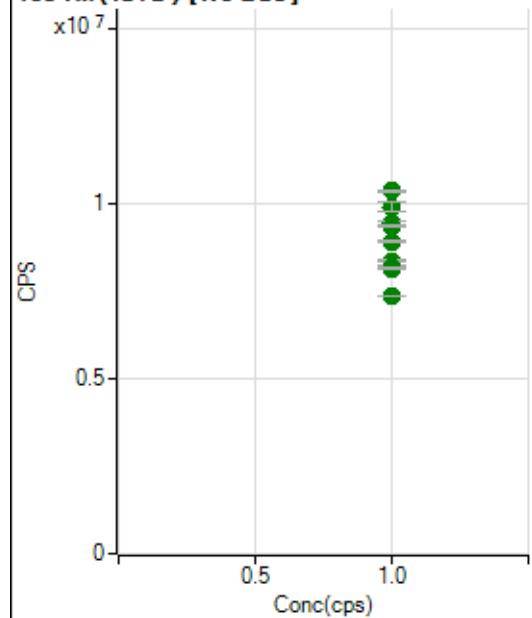
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		260292.92		P	0.1
2	☐	1.000		264177.30		P	1.1
3	☐	1.000		266645.13		P	0.7
4	☐	1.000		251370.89		P	0.5
5	☐	1.000		231797.42		P	0.4
6	☐	1.000		221804.87		P	0.5
7	☐	1.000		219653.15		P	0.7
8	☐	1.000		226875.14		P	0.5
9	☐	1.000		231610.53		P	1.1

89 Y (ISTD) [No Gas]

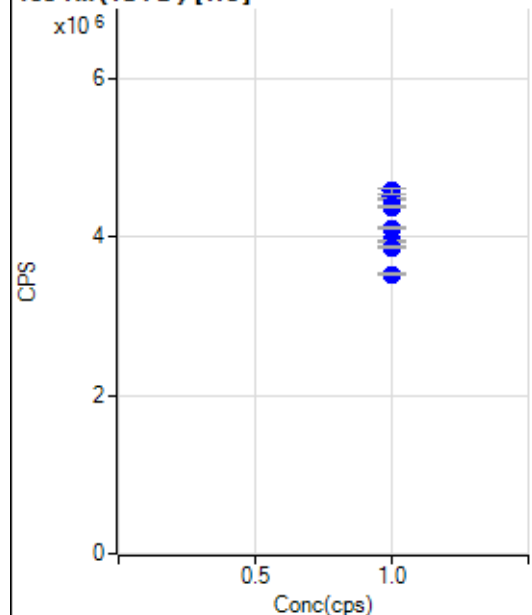
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		11355092.47		A	0.2
2	☐	1.000		10342641.93		A	0.8
3	☐	1.000		10874981.92		A	1.8
4	☐	1.000		10320121.51		A	0.5
5	☐	1.000		9938360.68		A	1.0
6	☐	1.000		9410455.62		A	0.7
7	☐	1.000		9309655.62		A	0.1
8	☐	1.000		9483468.96		A	0.6
9	☐	1.000		9157105.28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

89 Y (ISTD) [He]

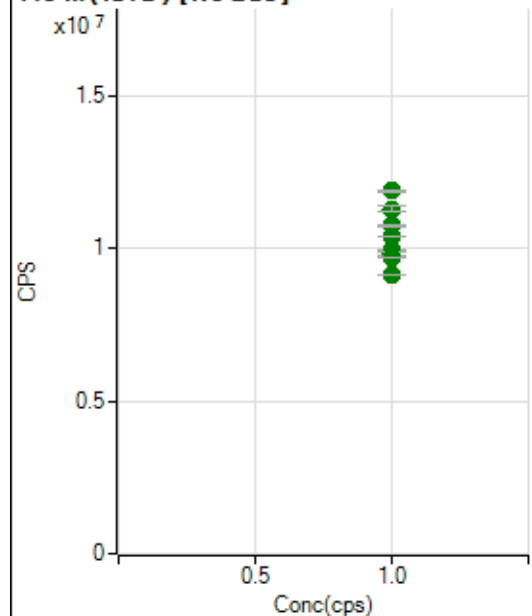
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		1488686.07		P	0.6
2	☐	1.000		1508533.59		P	1.0
3	☐	1.000		1524409.08		P	0.7
4	☐	1.000		1454800.58		P	0.4
5	☐	1.000		1370723.92		P	0.5
6	☐	1.000		1323582.22		P	0.4
7	☐	1.000		1308802.33		P	0.4
8	☐	1.000		1349570.17		P	0.4
9	☐	1.000		1347442.52		P	0.6

103 Rh (ISTD) [No Gas]

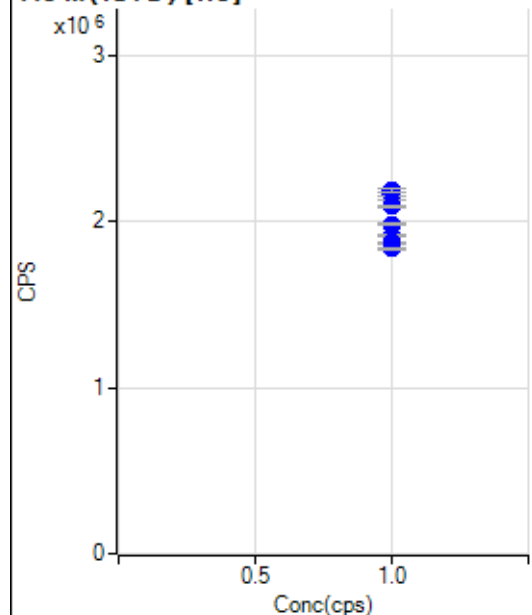
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		10347621.41		A	0.3
2	☐	1.000		9444866.01		A	0.9
3	☐	1.000		9893450.74		A	2.4
4	☐	1.000		9348961.84		A	0.6
5	☐	1.000		8897303.06		A	0.8
6	☐	1.000		8361528.31		A	0.4
7	☐	1.000		8187454.18		A	0.5
8	☐	1.000		8122571.97		A	0.7
9	☐	1.000		7349957.63		A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

103 Rh (ISTD) [He]

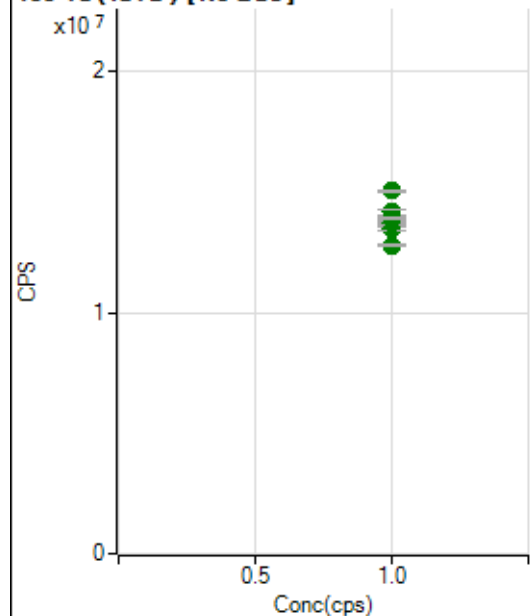
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		4483663.72		P	0.5
2	☐	1.000		4527889.97		P	0.9
3	☐	1.000		4586886.04		P	1.4
4	☐	1.000		4387834.24		P	0.1
5	☐	1.000		4116269.63		P	0.6
6	☐	1.000		3954074.39		P	0.4
7	☐	1.000		3861450.67		P	0.2
8	☐	1.000		3876405.95		P	0.2
9	☐	1.000		3532386.30		P	0.3

115 In (ISTD) [No Gas]

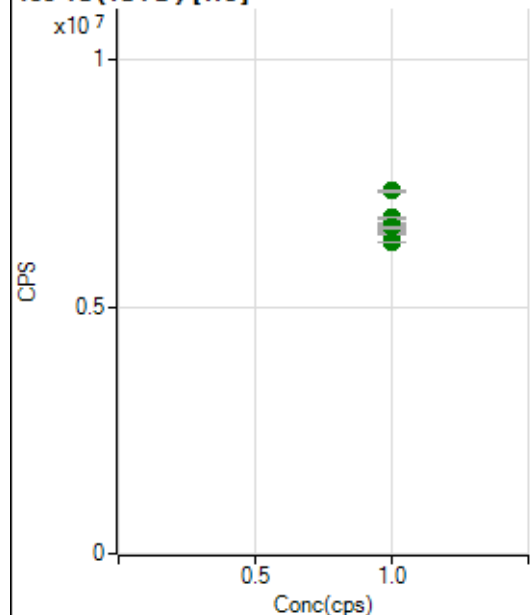
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		11866864.71		A	0.4
2	☐	1.000		10734933.01		A	1.0
3	☐	1.000		11284082.52		A	1.8
4	☐	1.000		10740691.96		A	0.8
5	☐	1.000		10378826.30		A	0.5
6	☐	1.000		9931291.79		A	0.7
7	☐	1.000		9809079.85		A	0.8
8	☐	1.000		9702497.76		A	0.2
9	☐	1.000		9126590.82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

115 In (ISTD) [He]

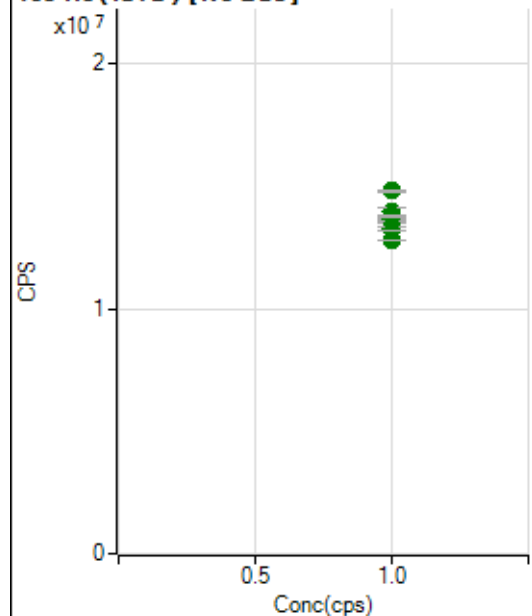
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		2129928.51		P	0.4
2	☐	1.000		2162419.37		P	1.1
3	☐	1.000		2184695.23		P	1.2
4	☐	1.000		2093690.66		P	0.7
5	☐	1.000		1982628.06		P	0.4
6	☐	1.000		1914315.78		P	0.2
7	☐	1.000		1876128.11		P	0.4
8	☐	1.000		1865745.38		P	0.2
9	☐	1.000		1840291.00		P	0.6

159 Tb (ISTD) [No Gas]

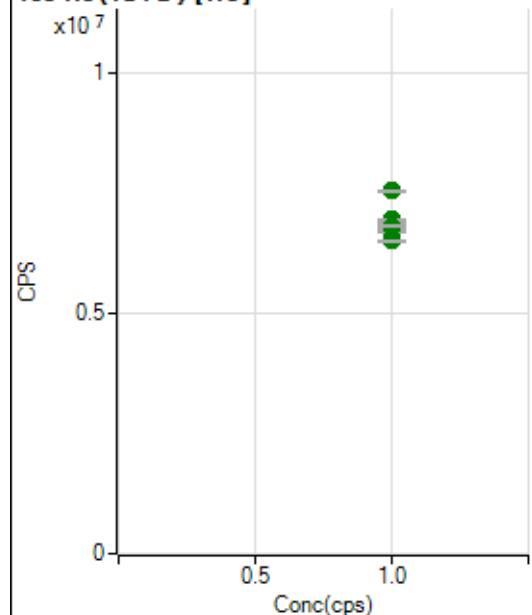
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		15058938.25		A	0.7
2	☐	1.000		13496677.85		A	0.8
3	☐	1.000		14169916.18		A	1.5
4	☐	1.000		13725246.60		A	0.5
5	☐	1.000		13703884.79		A	1.2
6	☐	1.000		13713303.68		A	0.4
7	☐	1.000		13722260.49		A	1.0
8	☐	1.000		13914378.27		A	0.5
9	☐	1.000		12777292.59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

159 Tb (ISTD) [He]

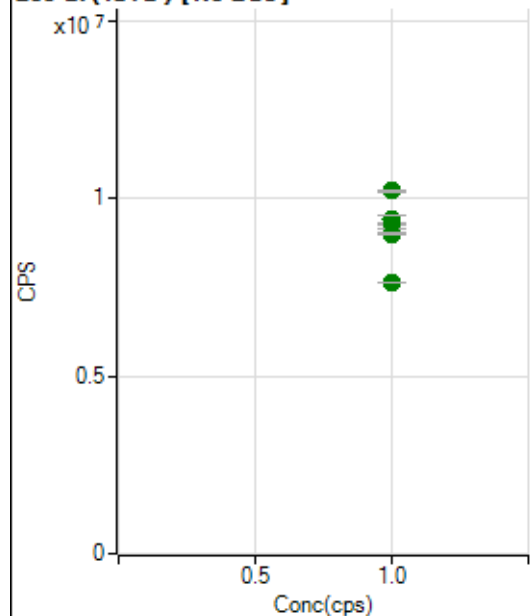
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		7353344.33		A	0.2
2	☐	1.000		6684906.22		A	0.8
3	☐	1.000		6801663.51		A	0.9
4	☐	1.000		6636563.10		A	0.5
5	☐	1.000		6531036.85		A	0.3
6	☐	1.000		6527943.23		A	0.3
7	☐	1.000		6487734.48		A	0.4
8	☐	1.000		6619471.57		A	0.4
9	☐	1.000		6317361.71		A	0.2

165 Ho (ISTD) [No Gas]

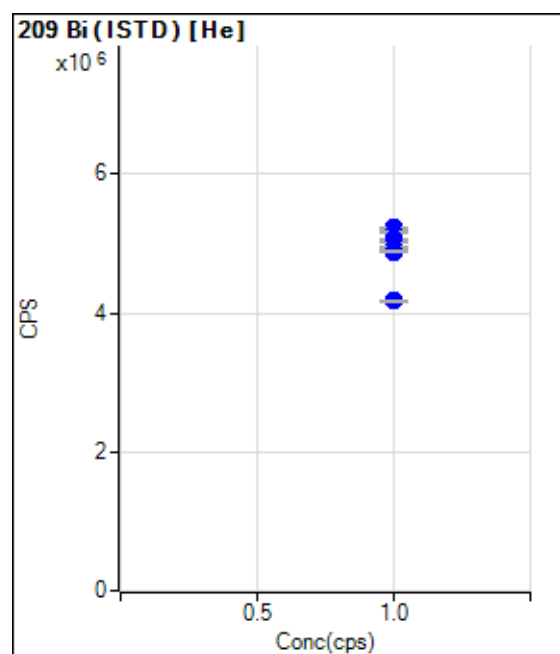
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		14803893.04		A	0.6
2	☐	1.000		13265520.00		A	0.9
3	☐	1.000		13973101.70		A	2.1
4	☐	1.000		13587147.18		A	0.3
5	☐	1.000		13579984.68		A	0.9
6	☐	1.000		13600247.35		A	0.8
7	☐	1.000		13651733.99		A	0.7
8	☐	1.000		13779554.30		A	0.9
9	☐	1.000		12789352.11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



	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

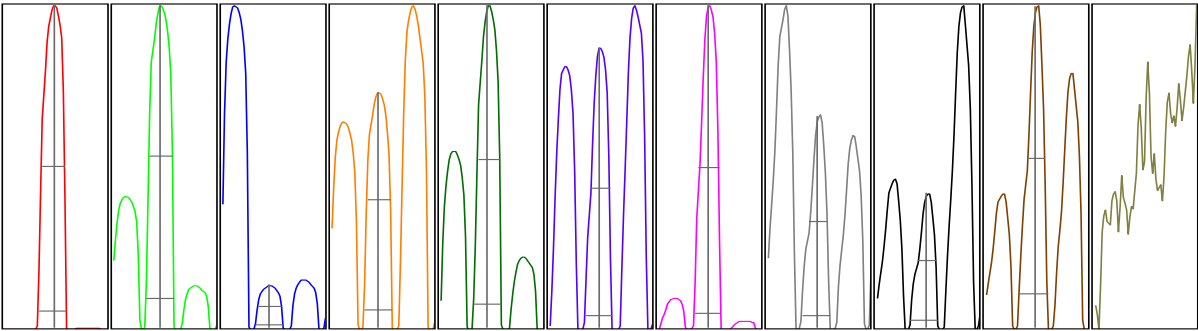
Batch Folder D:\ICP-MS Data\P7072919 MS.b
Report Comment
Instrument Name G8403A JP14410463

[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 :	LB104291	Operator :	Jaswal
Lab Sample ID :	S00	Instrumnet Name :	P7
Client Sample ID :	S00	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	75-2	0.00	0.01	-0.01	0.00	N/A	ppb
Barium	135-1	0.00	0.00	0.00	0.00	N/A	ppb
Barium	137-1	0.00	0.00	0.00	0.00	N/A	ppb
Beryllium	9-1	0.00	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 :	LB104291	Operator :	Jaswal
Lab Sample ID :	S00	Instrumnet Name :	P7
Client Sample ID :	S00	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 :	LB104291	Operator :	Jaswal
Lab Sample ID :	S00	Instrumnet Name :	P7
Client Sample ID :	S00	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 :	LB104291	Operator :	Jaswal
Lab Sample ID :	S01	Instrumnet Name :	P7
Client Sample ID :	S01	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	75-2	0.09	0.11	0.13	0.11	19.53	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 :	LB104291	Operator :	Jaswal
Lab Sample ID :	S01	Instrumnet Name :	P7
Client Sample ID :	S01	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 :	LB104291	Operator :	Jaswal
Lab Sample ID :	S01	Instrumnet Name :	P7
Client Sample ID :	S01	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 :	LB104291	Operator :	Jaswal
Lab Sample ID :	S02	Instrumnet Name :	P7
Client Sample ID :	S02	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	75-2	1.09	1.02	1.06	1.06	3.61	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 :	LB104291	Operator :	Jaswal
Lab Sample ID :	S02	Instrumnet Name :	P7
Client Sample ID :	S02	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 :	LB104291	Operator :	Jaswal
Lab Sample ID :	S02	Instrumnet Name :	P7
Client Sample ID :	S02	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 :	LB104291	Operator :	Jaswal
Lab Sample ID :	S03	Instrumnet Name :	P7
Client Sample ID :	S03	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	75-2	52.22	51.76	51.37	51.78	0.83	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 :	LB104291	Operator :	Jaswal
Lab Sample ID :	S03	Instrumnet Name :	P7
Client Sample ID :	S03	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 :	LB104291	Operator :	Jaswal
Lab Sample ID :	S03	Instrumnet Name :	P7
Client Sample ID :	S03	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 :	LB104291	Operator :	Jaswal
Lab Sample ID :	S04	Instrumnet Name :	P7
Client Sample ID :	S04	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	75-2	126.93	126.15	125.94	126.34	0.41	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 :	LB104291	Operator :	Jaswal
Lab Sample ID :	S04	Instrumnet Name :	P7
Client Sample ID :	S04	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
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 :	LB104291	Operator :	Jaswal
Lab Sample ID :	S04	Instrumnet Name :	P7
Client Sample ID :	S04	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 :	LB104291	Operator :	Jaswal
Lab Sample ID :	S05	Instrumnet Name :	P7
Client Sample ID :	S05	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	75-2	248.58	249.21	248.80	248.86	0.13	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 :	LB104291	Operator :	Jaswal
Lab Sample ID :	S05	Instrumnet Name :	P7
Client Sample ID :	S05	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 :	LB104291	Operator :	Jaswal
Lab Sample ID :	S05	Instrumnet Name :	P7
Client Sample ID :	S05	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 :	LB104291	Operator :	Jaswal
Lab Sample ID :	S06	Instrumnet Name :	P7
Client Sample ID :	S06	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	75-2	497.50	497.67	490.45	495.21	0.83	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 :	LB104291	Operator :	Jaswal
Lab Sample ID :	S06	Instrumnet Name :	P7
Client Sample ID :	S06	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 :	LB104291	Operator :	Jaswal
Lab Sample ID :	S06	Instrumnet Name :	P7
Client Sample ID :	S06	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 :	LB104291	Operator :	Jaswal
Lab Sample ID :	S07	Instrumnet Name :	P7
Client Sample ID :	S07	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	75-2	1005.42	995.67	1006.17	1002.42	0.58	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 : LB104291 Operator : Jaswal
 Lab Sample ID : S07 Instrumnet Name : P7
 Client Sample ID : S07 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 :	LB104291	Operator :	Jaswal
Lab Sample ID :	S07	Instrumnet Name :	P7
Client Sample ID :	S07	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 :	LB104291	Operator :	Jaswal
Lab Sample ID :	S08	Instrumnet Name :	P7
Client Sample ID :	S08	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	75-2	1.47	1.29	1.24	1.33	8.85	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 :	LB104291	Operator :	Jaswal
Lab Sample ID :	S08	Instrumnet Name :	P7
Client Sample ID :	S08	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 :	LB104291	Operator :	Jaswal
Lab Sample ID :	S08	Instrumnet Name :	P7
Client Sample ID :	S08	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 :	LB104291	Operator :	Jaswal
Lab Sample ID :	ICV	Instrumnet Name :	P7
Client Sample ID :	ICV	Dilution Factor :	1
Date & Time Acquired ::	2019-07-29 12:36:59	DataFile Name :	012ICV.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	75-2	204.60	203.66	205.47	204.58	0.44	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 :	LB104291	Operator :	Jaswal
Lab Sample ID :	ICV	Instrumnet Name :	P7
Client Sample ID :	ICV	Dilution Factor :	1
Date & Time Acquired ::	2019-07-29 12:36:59	DataFile Name :	012ICV.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 :	LB104291	Operator :	Jaswal
Lab Sample ID :	ICV	Instrumnet Name :	P7
Client Sample ID :	ICV	Dilution Factor :	1
Date & Time Acquired ::	2019-07-29 12:36:59	DataFile Name :	012ICV.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 : LB104291 Operator : Jaswal
 Lab Sample ID : ICB Instrumnet Name : P7
 Client Sample ID : ICB 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	75-2	0.02	0.00	0.01	0.01	75.86	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 :	LB104291	Operator :	Jaswal
Lab Sample ID :	ICB	Instrumnet Name :	P7
Client Sample ID :	ICB	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 :	LB104291	Operator :	Jaswal
Lab Sample ID :	ICB	Instrumnet Name :	P7
Client Sample ID :	ICB	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 :	LB104291	Operator :	Jaswal
Lab Sample ID :	ICSA	Instrumnet Name :	P7
Client Sample ID :	ICSA	Dilution Factor :	1
Date & Time Acquired ::	2019-07-29 12:58:44	DataFile Name :	014ICSA.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	75-2	0.19	0.27	0.33	0.26	26.12	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 :	LB104291	Operator :	Jaswal
Lab Sample ID :	ICSA	Instrumnet Name :	P7
Client Sample ID :	ICSA	Dilution Factor :	1
Date & Time Acquired ::	2019-07-29 12:58:44	DataFile Name :	014ICSA.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 :	LB104291	Operator :	Jaswal
Lab Sample ID :	ICSA	Instrumnet Name :	P7
Client Sample ID :	ICSA	Dilution Factor :	1
Date & Time Acquired ::	2019-07-29 12:58:44	DataFile Name :	014ICSA.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 :	LB104291	Operator :	Jaswal
Lab Sample ID :	ICSAB	Instrumnet Name :	P7
Client Sample ID :	ICSAB	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	75-2	19.08	19.50	19.24	19.27	1.09	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 :	LB104291	Operator :	Jaswal
Lab Sample ID :	ICSAB	Instrumnet Name :	P7
Client Sample ID :	ICSAB	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 :	LB104291	Operator :	Jaswal
Lab Sample ID :	ICSAB	Instrumnet Name :	P7
Client Sample ID :	ICSAB	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 :	LB104291	Operator :	Jaswal
Lab Sample ID :	CCV069	Instrumnet Name :	P7
Client Sample ID :	CCV069	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	75-2	509.21	503.21	503.13	505.19	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 :	LB104291	Operator :	Jaswal
Lab Sample ID :	CCV069	Instrumnet Name :	P7
Client Sample ID :	CCV069	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 :	LB104291	Operator :	Jaswal
Lab Sample ID :	CCV069	Instrumnet Name :	P7
Client Sample ID :	CCV069	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 :	LB104291	Operator :	Jaswal
Lab Sample ID :	CCB069	Instrumnet Name :	P7
Client Sample ID :	CCB069	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	75-2	0.07	0.03	0.06	0.05	41.63	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 :	LB104291	Operator :	Jaswal
Lab Sample ID :	CCB069	Instrumnet Name :	P7
Client Sample ID :	CCB069	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 :	LB104291	Operator :	Jaswal
Lab Sample ID :	CCB069	Instrumnet Name :	P7
Client Sample ID :	CCB069	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 :	LB104291	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	75-2	10.27	10.22	9.96	10.15	1.62	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 :	LB104291	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 :	LB104291	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 :	LB104291	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	75-2	10.02	10.23	10.25	10.17	1.25	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 :	LB104291	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 :	LB104291	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 :	LB104291	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	75-2	23.07	22.72	23.07	22.95	0.88	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 :	LB104291	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 :	LB104291	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 :	LB104291	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	75-2	2.92	2.84	3.07	2.94	3.96	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 :	LB104291	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 :	LB104291	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 :	LB104291	Operator :	Jaswal
Lab Sample ID :	CCV070	Instrumnet Name :	P7
Client Sample ID :	CCV070	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	75-2	513.16	507.27	505.64	508.69	0.78	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 :	LB104291	Operator :	Jaswal
Lab Sample ID :	CCV070	Instrumnet Name :	P7
Client Sample ID :	CCV070	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 :	LB104291	Operator :	Jaswal
Lab Sample ID :	CCV070	Instrumnet Name :	P7
Client Sample ID :	CCV070	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 :	LB104291	Operator :	Jaswal
Lab Sample ID :	CCB070	Instrumnet Name :	P7
Client Sample ID :	CCB070	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	75-2	0.02	0.03	-0.01	0.01	132.03	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 :	LB104291	Operator :	Jaswal
Lab Sample ID :	CCB070	Instrumnet Name :	P7
Client Sample ID :	CCB070	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 :	LB104291	Operator :	Jaswal
Lab Sample ID :	CCB070	Instrumnet Name :	P7
Client Sample ID :	CCB070	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 :	LB104291	Operator :	Jaswal
Lab Sample ID :	S00	Instrumnet Name :	P7
Client Sample ID :	S00	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	75-2	9	15	9	11	28.84	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 :	LB104291	Operator :	Jaswal
Lab Sample ID :	S00	Instrumnet Name :	P7
Client Sample ID :	S00	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 :	LB104291	Operator :	Jaswal
Lab Sample ID :	S00	Instrumnet Name :	P7
Client Sample ID :	S00	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 : LB104291 Operator : Jaswal
 Lab Sample ID : S01 Instrumnet Name : P7
 Client Sample ID : S01 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	75-2	44	52	61	52	15.92	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 :	LB104291	Operator :	Jaswal
Lab Sample ID :	S01	Instrumnet Name :	P7
Client Sample ID :	S01	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 :	LB104291	Operator :	Jaswal
Lab Sample ID :	S01	Instrumnet Name :	P7
Client Sample ID :	S01	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 :	LB104291	Operator :	Jaswal
Lab Sample ID :	S02	Instrumnet Name :	P7
Client Sample ID :	S02	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	75-2	430	404	424	419	3.26	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 :	LB104291	Operator :	Jaswal
Lab Sample ID :	S02	Instrumnet Name :	P7
Client Sample ID :	S02	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 :	LB104291	Operator :	Jaswal
Lab Sample ID :	S02	Instrumnet Name :	P7
Client Sample ID :	S02	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 :	LB104291	Operator :	Jaswal
Lab Sample ID :	S03	Instrumnet Name :	P7
Client Sample ID :	S03	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	75-2	19122	19074	18946	19047	0.48	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 :	LB104291	Operator :	Jaswal
Lab Sample ID :	S03	Instrumnet Name :	P7
Client Sample ID :	S03	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 :	LB104291	Operator :	Jaswal
Lab Sample ID :	S03	Instrumnet Name :	P7
Client Sample ID :	S03	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 :	LB104291	Operator :	Jaswal
Lab Sample ID :	S04	Instrumnet Name :	P7
Client Sample ID :	S04	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	75-2	43970	43474	43870	43771	0.60	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 :	LB104291	Operator :	Jaswal
Lab Sample ID :	S04	Instrumnet Name :	P7
Client Sample ID :	S04	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 :	LB104291	Operator :	Jaswal
Lab Sample ID :	S04	Instrumnet Name :	P7
Client Sample ID :	S04	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 :	LB104291	Operator :	Jaswal
Lab Sample ID :	S05	Instrumnet Name :	P7
Client Sample ID :	S05	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	75-2	83309	83549	82875	83244	0.41	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 :	LB104291	Operator :	Jaswal
Lab Sample ID :	S05	Instrumnet Name :	P7
Client Sample ID :	S05	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 :	LB104291	Operator :	Jaswal
Lab Sample ID :	S05	Instrumnet Name :	P7
Client Sample ID :	S05	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 :	LB104291	Operator :	Jaswal
Lab Sample ID :	S06	Instrumnet Name :	P7
Client Sample ID :	S06	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	75-2	163929	164543	162876	163783	0.51	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 :	LB104291	Operator :	Jaswal
Lab Sample ID :	S06	Instrumnet Name :	P7
Client Sample ID :	S06	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 :	LB104291	Operator :	Jaswal
Lab Sample ID :	S06	Instrumnet Name :	P7
Client Sample ID :	S06	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 : LB104291 Operator : Jaswal
 Lab Sample ID : S07 Instrumnet Name : P7
 Client Sample ID : S07 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	75-2	341361	340972	343234	341856	0.35	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 : LB104291 Operator : Jaswal
 Lab Sample ID : S07 Instrumnet Name : P7
 Client Sample ID : S07 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 :	LB104291	Operator :	Jaswal
Lab Sample ID :	S07	Instrumnet Name :	P7
Client Sample ID :	S07	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 : LB104291 Operator : Jaswal
 Lab Sample ID : S08 Instrumnet Name : P7
 Client Sample ID : S08 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	75-2	506	452	433	464	8.09	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 :	LB104291	Operator :	Jaswal
Lab Sample ID :	S08	Instrumnet Name :	P7
Client Sample ID :	S08	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 :	LB104291	Operator :	Jaswal
Lab Sample ID :	S08	Instrumnet Name :	P7
Client Sample ID :	S08	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 :	LB104291	Operator :	Jaswal
Lab Sample ID :	ICV	Instrumnet Name :	P7
Client Sample ID :	ICV	Dilution Factor :	1
Date & Time Acquired ::	2019-07-29 12:36:59	DataFile Name :	012ICV.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	75-2	78536	78756	78212	78501	0.35	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 :	LB104291	Operator :	Jaswal
Lab Sample ID :	ICV	Instrumnet Name :	P7
Client Sample ID :	ICV	Dilution Factor :	1
Date & Time Acquired ::	2019-07-29 12:36:59	DataFile Name :	012ICV.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 :	LB104291	Operator :	Jaswal
Lab Sample ID :	ICV	Instrumnet Name :	P7
Client Sample ID :	ICV	Dilution Factor :	1
Date & Time Acquired ::	2019-07-29 12:36:59	DataFile Name :	012ICV.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 : LB104291 Operator : Jaswal
 Lab Sample ID : ICB Instrumnet Name : P7
 Client Sample ID : ICB 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	75-2	20	13	17	17	22.23	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 :	LB104291	Operator :	Jaswal
Lab Sample ID :	ICB	Instrumnet Name :	P7
Client Sample ID :	ICB	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 :	LB104291	Operator :	Jaswal
Lab Sample ID :	ICB	Instrumnet Name :	P7
Client Sample ID :	ICB	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 : LB104291 Operator : Jaswal
 Lab Sample ID : ICSA Instrumnet Name : P7
 Client Sample ID : ICSA Dilution Factor : 1
 Date & Time Acquired :: 2019-07-29 12:58:44 DataFile Name : 014ICSA.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	75-2	80	107	130	106	23.73	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 :	LB104291	Operator :	Jaswal
Lab Sample ID :	ICSA	Instrumnet Name :	P7
Client Sample ID :	ICSA	Dilution Factor :	1
Date & Time Acquired ::	2019-07-29 12:58:44	DataFile Name :	014ICSA.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 :	LB104291	Operator :	Jaswal
Lab Sample ID :	ICSA	Instrumnet Name :	P7
Client Sample ID :	ICSA	Dilution Factor :	1
Date & Time Acquired ::	2019-07-29 12:58:44	DataFile Name :	014ICSA.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 : LB104291 Operator : Jaswal
 Lab Sample ID : ICSAB Instrumnet Name : P7
 Client Sample ID : ICSAB 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	75-2	6900	7083	7154	7046	1.86	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 : LB104291 Operator : Jaswal
 Lab Sample ID : ICSAB Instrumnet Name : P7
 Client Sample ID : ICSAB 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 :	LB104291	Operator :	Jaswal
Lab Sample ID :	ICSAB	Instrumnet Name :	P7
Client Sample ID :	ICSAB	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 :	LB104291	Operator :	Jaswal
Lab Sample ID :	CCV069	Instrumnet Name :	P7
Client Sample ID :	CCV069	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	75-2	183595	183420	181581	182865	0.61	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 :	LB104291	Operator :	Jaswal
Lab Sample ID :	CCV069	Instrumnet Name :	P7
Client Sample ID :	CCV069	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 :	LB104291	Operator :	Jaswal
Lab Sample ID :	CCV069	Instrumnet Name :	P7
Client Sample ID :	CCV069	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 :	LB104291	Operator :	Jaswal
Lab Sample ID :	CCB069	Instrumnet Name :	P7
Client Sample ID :	CCB069	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	75-2	37	22	33	31	24.99	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 :	LB104291	Operator :	Jaswal
Lab Sample ID :	CCB069	Instrumnet Name :	P7
Client Sample ID :	CCB069	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 :	LB104291	Operator :	Jaswal
Lab Sample ID :	CCB069	Instrumnet Name :	P7
Client Sample ID :	CCB069	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 :	LB104291	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	75-2	6616	6626	6479	6574	1.25	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 :	LB104291	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 :	LB104291	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 :	LB104291	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	75-2	6516	6646	6700	6621	1.42	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 :	LB104291	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 :	LB104291	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 :	LB104291	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	75-2	15369	15180	15223	15257	0.65	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 :	LB104291	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 :	LB104291	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 :	LB104291	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	75-2	1343	1295	1413	1350	4.42	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 :	LB104291	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 :	LB104291	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 :	LB104291	Operator :	Jaswal
Lab Sample ID :	CCV070	Instrumnet Name :	P7
Client Sample ID :	CCV070	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	75-2	190934	189353	189703	189997	0.44	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 :	LB104291	Operator :	Jaswal
Lab Sample ID :	CCV070	Instrumnet Name :	P7
Client Sample ID :	CCV070	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 :	LB104291	Operator :	Jaswal
Lab Sample ID :	CCV070	Instrumnet Name :	P7
Client Sample ID :	CCV070	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 : LB104291 Operator : Jaswal
 Lab Sample ID : CCB070 Instrumnet Name : P7
 Client Sample ID : CCB070 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	75-2	20	24	9	18	43.06	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 :	LB104291	Operator :	Jaswal
Lab Sample ID :	CCB070	Instrumnet Name :	P7
Client Sample ID :	CCB070	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 :	LB104291	Operator :	Jaswal
Lab Sample ID :	CCB070	Instrumnet Name :	P7
Client Sample ID :	CCB070	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