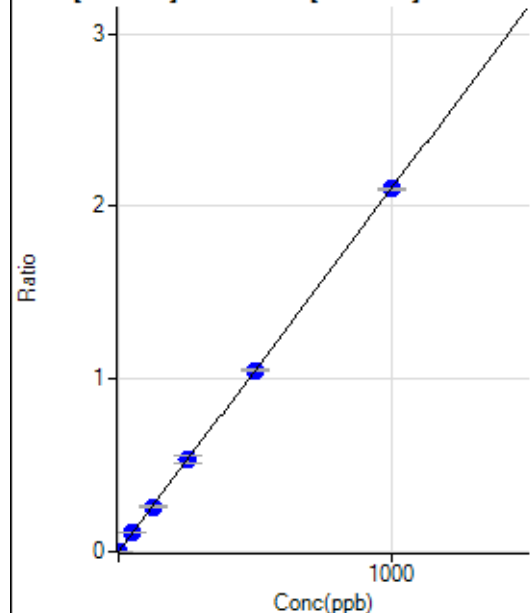


Batch Folder: D:\P8041019-MS.b\
Analysis File: P8041019-MS.batch.bin
DA Date-Time: 2019-04-10 15:21:42
Calibration Title:
Calibration Method: External Calibration
VIS Interpolation Fit:

Level	Standard Data File	Sample Name	Acq. Date-Time
1	003CALB.d	S00	2019-04-10 12:07:01
2			
3	006CALS.d	S02	2019-04-10 12:18:12
4	007CALS.d	S03	2019-04-10 12:22:06
5	008CALS.d	S04	2019-04-10 12:26:00
6	009CALS.d	S05	2019-04-10 12:29:52
7	010CALS.d	S06	2019-04-10 12:33:40
8	011CALS.d	S07	2019-04-10 12:37:21
9	012CALS.d	S08	2019-04-10 12:40:56

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐	0.000	0.000	18.89	0.0001	P	62.5
2	☐	0.100					
3	☐	1.000	0.953	313.34	0.0021	P	15.9
4	☐	50.000	51.159	15645.41	0.1077	P	0.9
5	☐	125.000	122.937	39768.38	0.2586	P	2.7
6	☐	250.000	254.306	79808.53	0.5347	P	6.5
7	☐	500.000	499.994	160391.19	1.0512	P	0.5
8	☐	1000.000	999.127	304222.17	2.1005	P	0.6
9	☐			47.78	0.0004	P	47.3

$$y = 0.0021 * x + 1.2084E-004$$

$$R = 1.0000$$

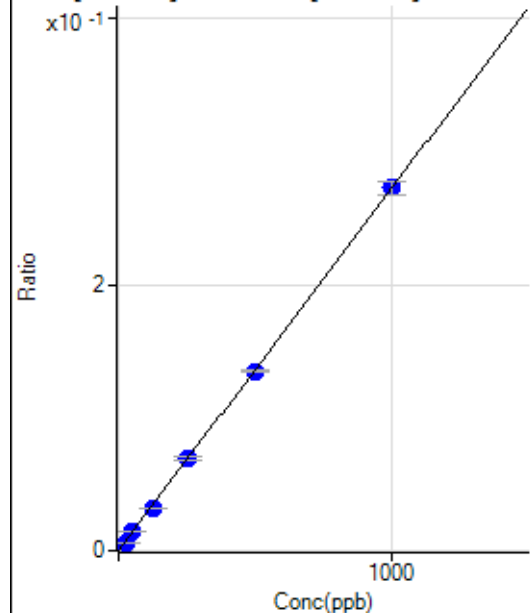
$$DL = 0.1078$$

$$BEC = 0.05748$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐	0.000	0.000	27.78	0.0002	P	16.9
2	☐	2.500					
3	☐	25.000	22.694	936.18	0.0063	P	3.4
4	☐	50.000	52.914	2116.92	0.0146	P	6.6
5	☐	125.000	116.632	4903.82	0.0319	P	2.2
6	☐	250.000	255.650	10415.34	0.0697	P	4.7
7	☐	500.000	495.607	20579.29	0.1349	P	1.7
8	☐	1000.000	1001.742	39466.53	0.2725	P	3.4
9	☐			813.95	0.0064	P	8.0

$$y = 2.7180E-004 * x + 1.7718E-004$$

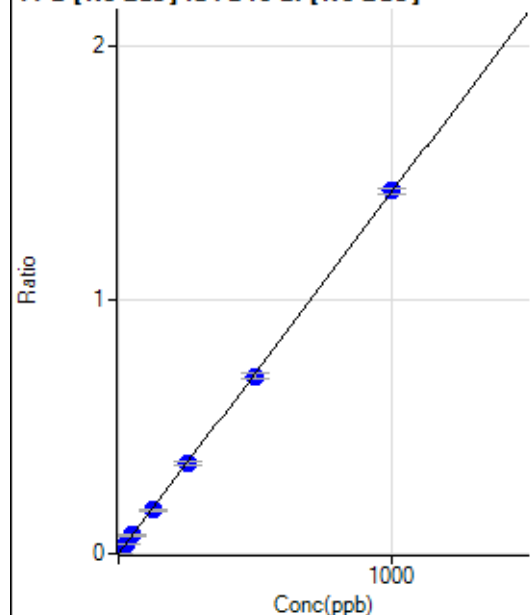
$$R = 0.9999$$

$$DL = 0.3295$$

$$BEC = 0.6519$$

Weight: <None>

Min Conc: 0

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

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐	0.000	0.000	163.89	0.0010	P	12.1
2	☐	2.500					
3	☐	25.000	25.489	5495.73	0.0373	P	3.3
4	☐	50.000	49.949	10459.75	0.0720	P	3.2
5	☐	125.000	119.632	26289.06	0.1710	P	4.9
6	☐	250.000	249.464	53062.87	0.3554	P	5.7
7	☐	500.000	491.850	106747.99	0.6997	P	3.2
8	☐	1000.000	1004.870	206896.69	1.4285	P	1.9
9	☐			4006.30	0.0318	P	7.8

$$y = 0.0014 * x + 0.0010$$

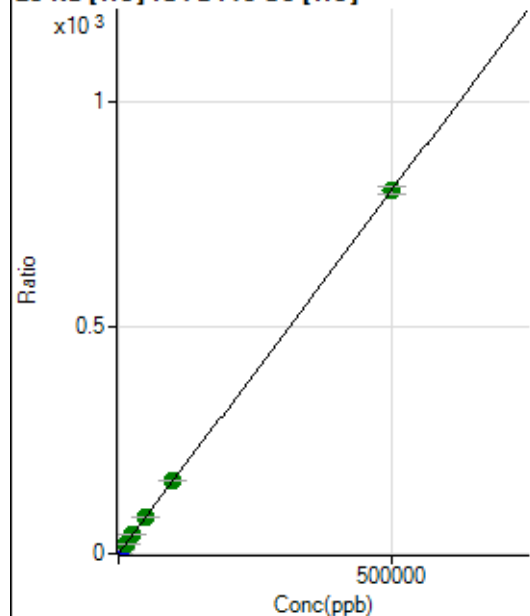
$$R = 0.9999$$

$$DL = 0.2677$$

$$BEC = 0.7359$$

Weight: <None>

Min Conc: 0

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

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐	0.000	0.000	9014.38	0.1622	P	3.9
2	☐	50.000					
3	☐	500.000	495.176	52804.47	0.9560	P	4.6
4	☐	5000.000	5213.846	472442.44	8.5199	P	2.1
5	☐	12500.000	13093.365	1188513.59	21.1507	A	2.5
6	☐	25000.000	26062.413	2364155.02	41.9399	A	1.8
7	☐	50000.000	50780.946	4640644.42	81.5633	A	0.3
8	☐	100000.00	99992.630	9138923.64	160.4488	A	0.7
9	☐	500000.00	499853.29	45789384.01	801.4192	A	2.1

$$y = 0.0016 * x + 0.1622$$

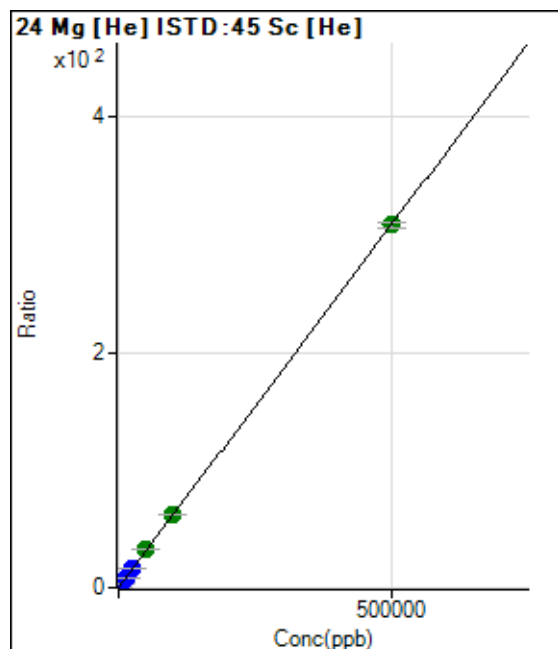
$$R = 1.0000$$

$$DL = 11.71$$

$$BEC = 101.2$$

Weight: <None>

Min Conc: 0



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐	0.000	0.000	63.89	0.0012	P	28.1
2	☐	50.000					
3	☐	500.000	526.919	18031.58	0.3265	P	6.3
4	☐	5000.000	5354.702	183424.03	3.3075	P	1.1
5	☐	12500.000	12991.714	450889.21	8.0231	P	1.5
6	☐	25000.000	26002.894	905143.86	16.0570	P	1.6
7	☐	50000.000	52210.654	1834312.32	32.2394	A	0.5
8	☐	100000.00	100472.53	3533597.17	62.0395	A	1.8
9	☐	500000.00	499618.41	17627023.66	308.4983	A	1.7

$$y = 6.1747\text{E-}004 * x + 0.0012$$

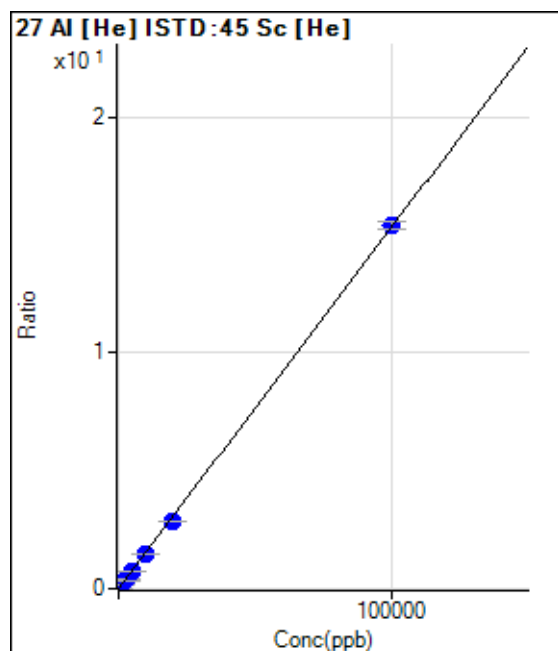
$$R = 1.0000$$

$$DL = 1.574$$

$$BEC = 1.865$$

Weight: <None>

Min Conc: 0



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐	0.000	0.000	88.36	0.0016	P	12.7
2	☐	2.000					
3	☐	20.000	13.818	205.05	0.0037	P	5.3
4	☐	1000.000	969.881	8336.27	0.1503	P	1.3
5	☐	2500.000	2390.550	20690.33	0.3682	P	1.7
6	☐	5000.000	4749.425	41143.74	0.7299	P	1.9
7	☐	10000.000	9403.941	82136.81	1.4436	P	0.2
8	☐	20000.000	18518.469	161837.01	2.8413	P	0.5
9	☐	100000.00	100371.48	879500.08	15.3930	P	2.2

$$y = 1.5334\text{E-}004 * x + 0.0016$$

$$R = 0.9999$$

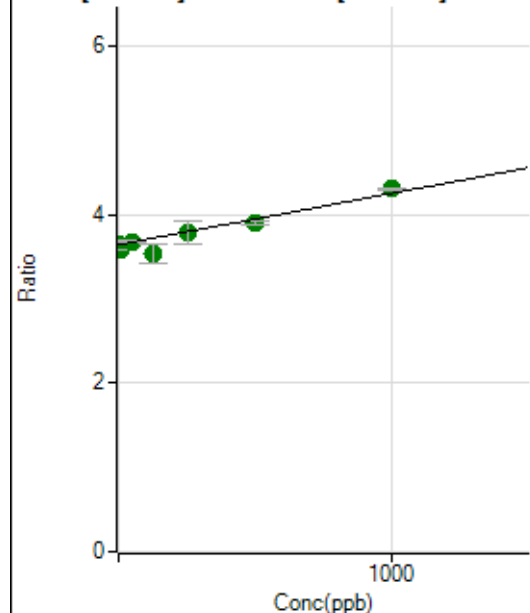
$$DL = 3.941$$

$$BEC = 10.36$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐	0.000	0.000	5971953.26	3.6478	A	0.9
2	☐	1.000					
3	☐	10.000	-99.471	6053550.40	3.5872	A	0.5
4	☐	50.000	60.094	6103358.12	3.6844	A	0.9
5	☐	125.000	-190.427	6237691.50	3.5318	A	6.4
6	☐	250.000	225.729	6432996.89	3.7853	A	7.5
7	☐	500.000	421.739	6735196.29	3.9047	A	1.2
8	☐	1000.000	1085.216	7374504.16	4.3088	A	0.9
9	☐			6378436.08	3.9098	A	1.8

$$y = 6.0909\text{E-}004 * x + 3.6478$$

$$R = 0.9636$$

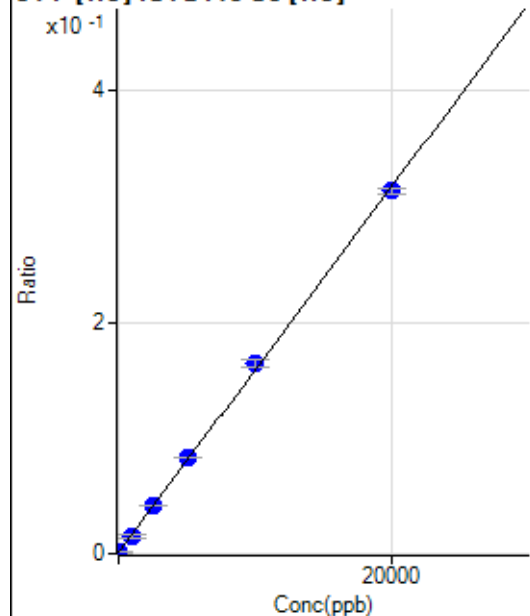
$$DL = 170.1$$

$$BEC = 5989$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐	0.000	-25.553	30.56	0.0005	P	30.1
2	☐	0.000					
3	☐	0.000	25.553	75.01	0.0014	P	29.2
4	☐	1000.000	916.050	855.62	0.0154	P	21.0
5	☐	2500.000	2547.529	2316.95	0.0412	P	2.0
6	☐	5000.000	5182.991	4673.21	0.0829	P	1.3
7	☐	10000.000	10345.664	9359.02	0.1645	P	3.4
8	☐	20000.000	19779.677	17864.80	0.3136	P	1.5
9	☐			38.89	0.0007	P	31.7

$$y = 1.5809\text{E-}005 * x + 9.5226\text{E-}004$$

$$R = 0.9997$$

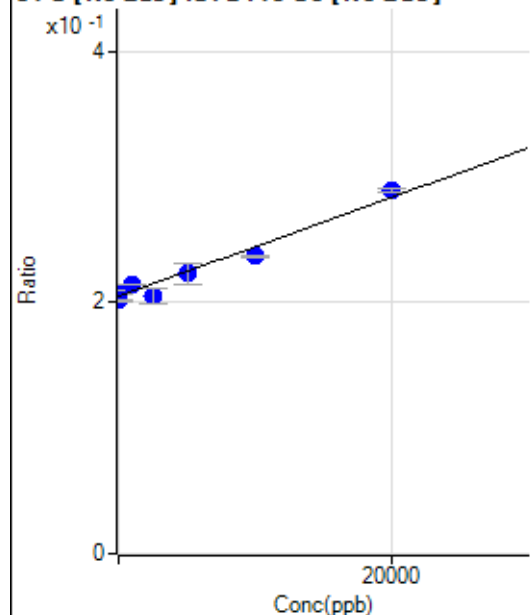
$$DL = 53.26$$

$$BEC = 60.24$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐	0.000	811.129	340725.49	0.2081	P	1.1
2	☐	0.000					
3	☐	0.000	-811.129	340458.56	0.2018	P	0.7
4	☐	1000.000	2254.389	354182.17	0.2138	P	0.4
5	☐	2500.000	141.317	362981.65	0.2055	P	6.1
6	☐	5000.000	4554.713	378780.79	0.2228	P	7.1
7	☐	10000.000	8116.596	408547.26	0.2368	P	0.5
8	☐	20000.000	21285.140	493956.83	0.2886	P	1.1
9	☐			274167.09	0.1681	P	1.9

$$y = 3.9311\text{E-}006 * x + 0.2049$$

$$R = 0.9820$$

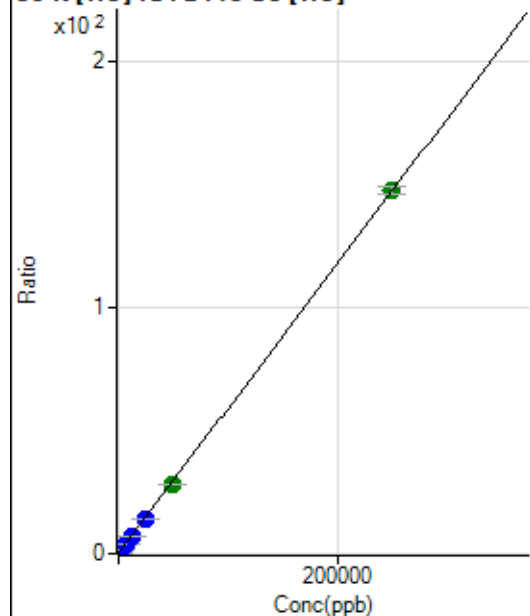
$$DL = 1411$$

$$BEC = 5.213\text{E}+04$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐	0.000	0.000	10938.05	0.1967	P	2.0
2	☐	50.000					
3	☐	500.000	474.403	26280.86	0.4758	P	4.1
4	☐	2500.000	2438.313	90426.57	1.6308	P	2.5
5	☐	6250.000	5954.951	207893.85	3.6991	P	1.1
6	☐	12500.000	11888.925	405262.53	7.1891	P	1.3
7	☐	25000.000	23848.531	809211.59	14.2230	P	1.1
8	☐	50000.000	47745.819	1610719.89	28.2780	A	1.0
9	☐	250000.00	250604.58	8432402.97	147.5873	A	2.1

$$y = 5.8814\text{E-}004 * x + 0.1967$$

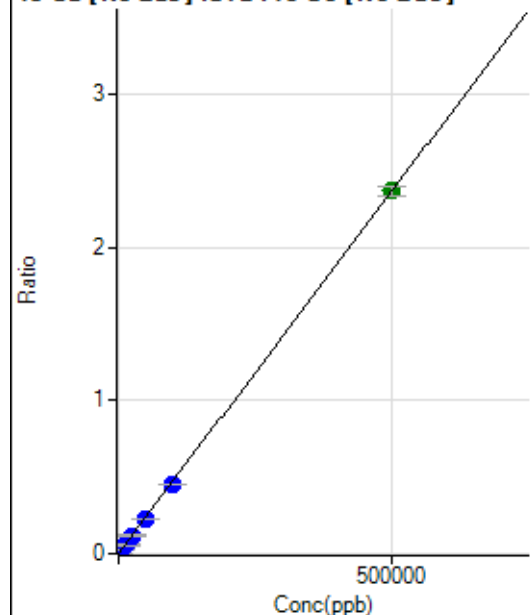
$$R = 1.0000$$

$$DL = 20.37$$

$$BEC = 334.5$$

Weight: <None>

Min Conc: 0

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

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐	0.000	0.000	2656.97	0.0016	P	4.5
2	☐	50.000					
3	☐	500.000	428.713	6159.24	0.0036	P	3.5
4	☐	5000.000	4866.485	40804.74	0.0246	P	0.4
5	☐	12500.000	11621.592	99882.47	0.0566	P	7.2
6	☐	25000.000	24465.744	199302.86	0.1173	P	8.0
7	☐	50000.000	48382.477	397398.35	0.2304	P	0.7
8	☐	100000.00	96387.703	782794.09	0.4574	P	0.4
9	☐	500000.00	500934.29	3866180.39	2.3701	A	2.7

$$y = 4.7282\text{E-}006 * x + 0.0016$$

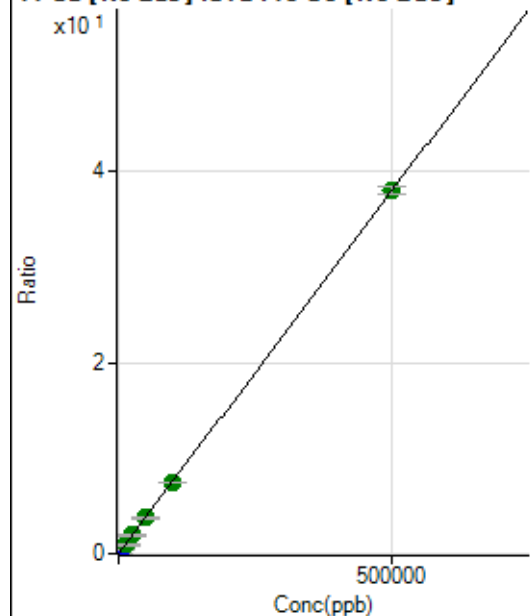
$$R = 1.0000$$

$$DL = 46.46$$

$$BEC = 343.2$$

Weight: <None>

Min Conc: 0

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

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐	0.000	0.000	37230.51	0.0227	P	0.7
2	☐	50.000					
3	☐	500.000	449.321	95861.46	0.0568	P	0.7
4	☐	5000.000	4936.490	657619.25	0.3970	P	1.2
5	☐	12500.000	11911.049	1635122.56	0.9257	A	6.2
6	☐	25000.000	24939.443	3249911.06	1.9134	A	8.7
7	☐	50000.000	48860.447	6428667.54	3.7269	A	1.0
8	☐	100000.00	97070.620	12634650.92	7.3818	A	0.6
9	☐	500000.00	500718.26	61963245.75	37.9829	A	2.2

$$y = 7.5812\text{E-}005 * x + 0.0227$$

$$R = 1.0000$$

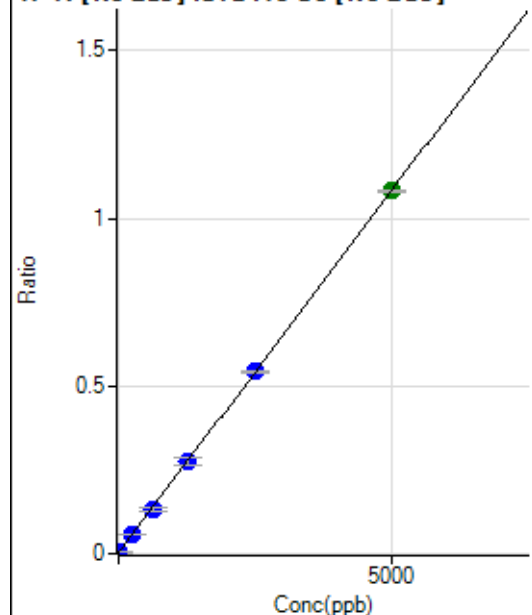
$$DL = 6.385$$

$$BEC = 300$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐	0.000	0.000	4534.27	0.0028	P	1.7
2	☐	0.500					
3	☐	5.000	4.027	6140.50	0.0036	P	1.8
4	☐	250.000	249.092	93670.43	0.0565	P	1.2
5	☐	625.000	595.188	231882.50	0.1313	P	5.8
6	☐	1250.000	1272.136	471172.91	0.2774	P	8.7
7	☐	2500.000	2498.659	935261.51	0.5422	P	0.6
8	☐	5000.000	4998.909	1851856.47	1.0820	A	0.5
9	☐			4506.48	0.0028	P	2.0

$$y = 2.1589E-004 * x + 0.0028$$

$$R = 1.0000$$

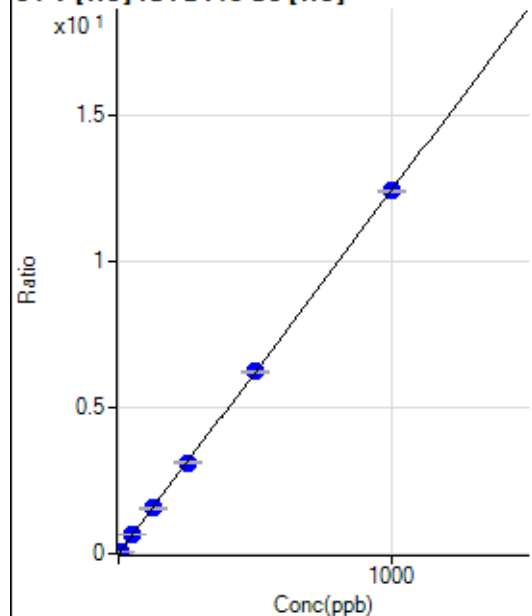
$$DL = 0.6417$$

$$BEC = 12.83$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐	0.000	0.000	22.22	0.0004	P	23.0
2	☐	0.500					
3	☐	5.000	4.980	3446.05	0.0623	P	3.9
4	☐	50.000	50.662	34938.21	0.6300	P	1.3
5	☐	125.000	124.570	87032.88	1.5486	P	1.0
6	☐	250.000	250.742	175690.09	3.1166	P	1.3
7	☐	500.000	502.237	355144.87	6.2422	P	1.0
8	☐	1000.000	998.717	706995.97	12.4124	P	0.5
9	☐			212.23	0.0037	P	0.5

$$y = 0.0124 * x + 3.9979E-004$$

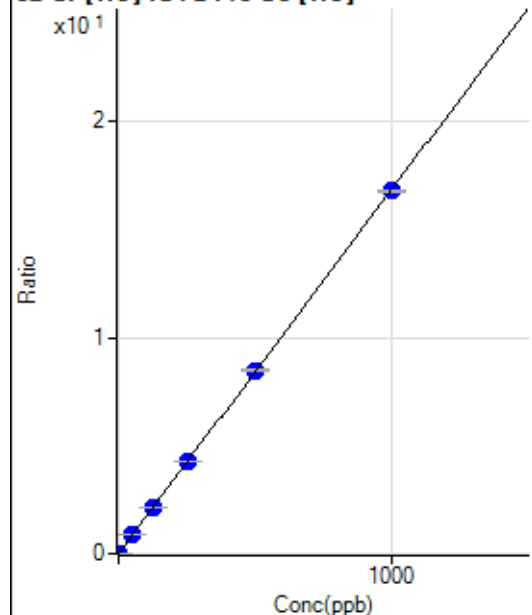
$$R = 1.0000$$

$$DL = 0.02221$$

$$BEC = 0.03217$$

Weight: <None>

Min Conc: 0

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

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐	0.000	0.000	428.90	0.0077	P	3.2
2	☐	0.200					
3	☐	2.000	1.946	2238.00	0.0405	P	6.2
4	☐	50.000	51.073	48129.33	0.8680	P	2.7
5	☐	125.000	125.665	119397.33	2.1245	P	1.2
6	☐	250.000	253.391	241043.70	4.2759	P	0.8
7	☐	500.000	504.214	483663.37	8.5009	P	0.6
8	☐	1000.000	996.908	956908.93	16.8000	P	0.4
9	☐			7305.37	0.1278	P	1.1

$$y = 0.0168 * x + 0.0077$$

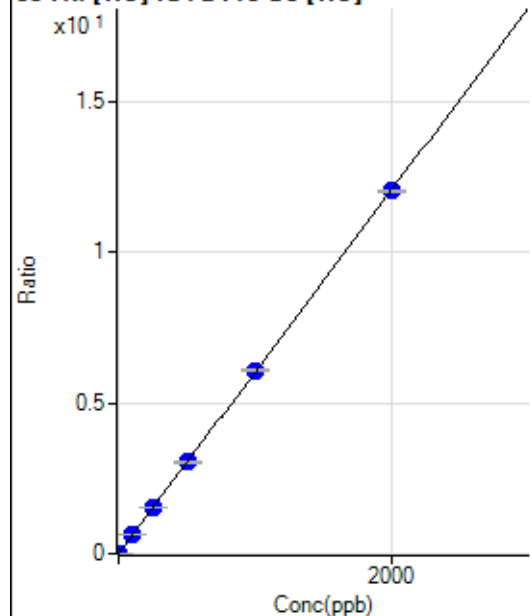
$$R = 1.0000$$

$$DL = 0.04394$$

$$BEC = 0.4582$$

Weight: <None>

Min Conc: 0

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

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐	0.000	0.000	11.11	0.0002	P	44.5
2	☐	0.100					
3	☐	1.000	0.979	336.68	0.0061	P	13.7
4	☐	100.000	102.300	34200.90	0.6167	P	2.4
5	☐	250.000	253.040	85712.03	1.5251	P	1.5
6	☐	500.000	504.082	171259.82	3.0380	P	1.1
7	☐	1000.000	1006.322	345050.13	6.0648	P	1.1
8	☐	2000.000	1995.323	684932.33	12.0250	P	0.8
9	☐			2681.42	0.0469	P	5.4

$$y = 0.0060 * x + 1.9919E-004$$

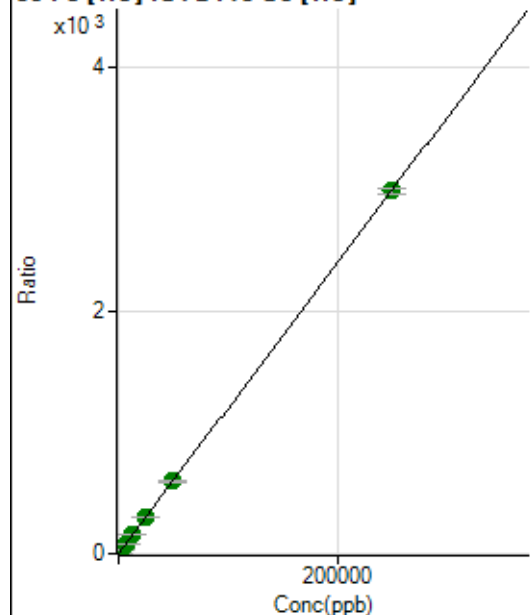
$$R = 1.0000$$

$$DL = 0.04412$$

$$BEC = 0.03305$$

Weight: <None>

Min Conc: 0

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

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐	0.000	0.000	600.03	0.0108	P	33.8
2	☐	5.000					
3	☐	50.000	52.823	35467.82	0.6420	P	4.0
4	☐	2500.000	2616.885	1734809.15	31.2815	A	0.9
5	☐	6250.000	6384.877	4288902.12	76.3075	A	0.6
6	☐	12500.000	12689.790	8549167.96	151.6486	A	0.4
7	☐	25000.000	25311.717	17209262.54	302.4754	A	1.0
8	☐	50000.000	49930.743	33984822.75	596.6627	A	1.1
9	☐	250000.00	249968.64	170670526.0	2,987.033	A	1.6

$$y = 0.0119 * x + 0.0108$$

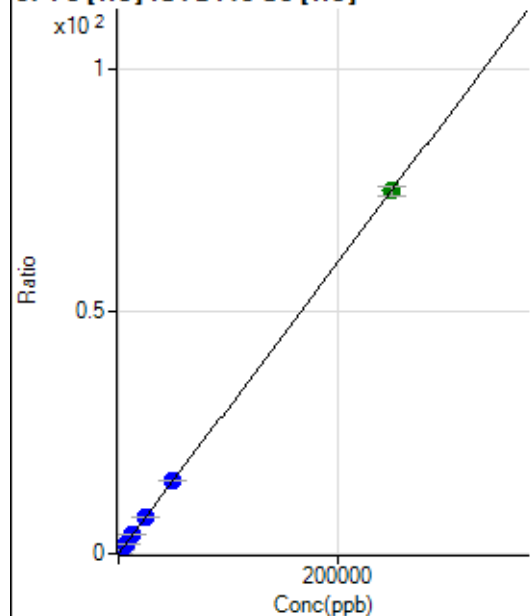
$$R = 1.0000$$

$$DL = 0.917$$

$$BEC = 0.9056$$

Weight: <None>

Min Conc: 0

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

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐	0.000	0.000	31.48	0.0006	P	21.2
2	☐	5.000					
3	☐	50.000	54.817	937.10	0.0170	P	6.5
4	☐	2500.000	2539.467	42127.05	0.7597	P	2.1
5	☐	6250.000	6358.627	106858.80	1.9014	P	1.3
6	☐	12500.000	12729.390	214537.89	3.8059	P	1.9
7	☐	25000.000	25321.391	430693.52	7.5701	P	1.0
8	☐	50000.000	49958.310	850673.15	14.9350	P	0.9
9	☐	250000.00	249961.61	4269257.82	74.7235	A	2.4

$$y = 2.9894E-004 * x + 5.6704E-004$$

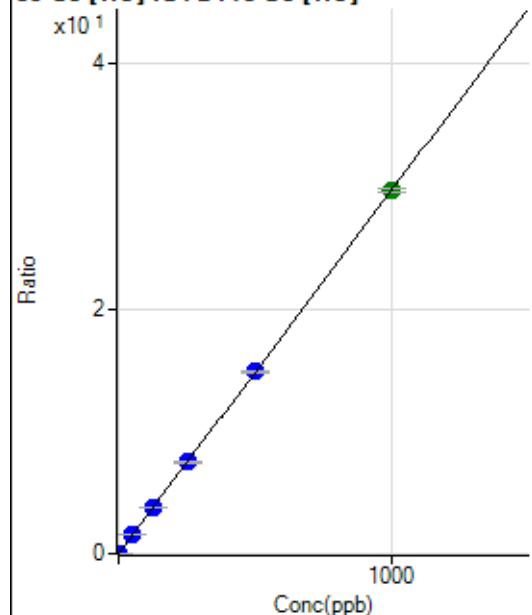
$$R = 1.0000$$

$$DL = 1.208$$

$$BEC = 1.897$$

Weight: <None>

Min Conc: 0

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

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐	0.000	0.000	52.22	0.0009	P	26.8
2	☐	0.100					
3	☐	1.000	0.970	1641.24	0.0297	P	9.2
4	☐	50.000	51.394	84661.84	1.5268	P	2.1
5	☐	125.000	126.142	210516.11	3.7460	P	1.6
6	☐	250.000	252.536	422694.52	7.4985	P	1.4
7	☐	500.000	500.928	846200.81	14.8730	P	0.5
8	☐	1000.000	998.689	1688873.27	29.6511	A	1.0
9	☐			20012.39	0.3502	P	1.1

$$y = 0.0297 * x + 9.4166E-004$$

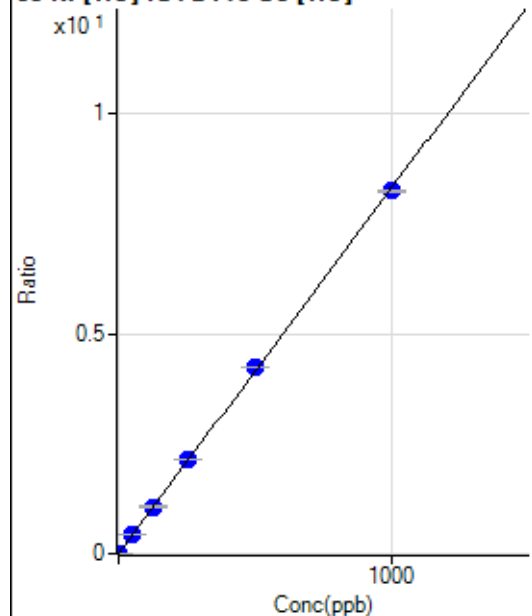
$$R = 1.0000$$

$$DL = 0.02552$$

$$BEC = 0.03172$$

Weight: <None>

Min Conc: 0

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

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐	0.000	0.000	16.67	0.0003	P	80.4
2	☐	0.100					
3	☐	1.000	0.981	467.80	0.0085	P	1.2
4	☐	50.000	53.094	24508.44	0.4419	P	1.5
5	☐	125.000	128.855	60257.53	1.0721	P	1.7
6	☐	250.000	256.351	120225.96	2.1327	P	0.3
7	☐	500.000	510.442	241586.19	4.2462	P	0.9
8	☐	1000.000	992.555	470275.00	8.2565	P	0.8
9	☐			5842.45	0.1023	P	3.7

$$y = 0.0083 * x + 3.0175E-004$$

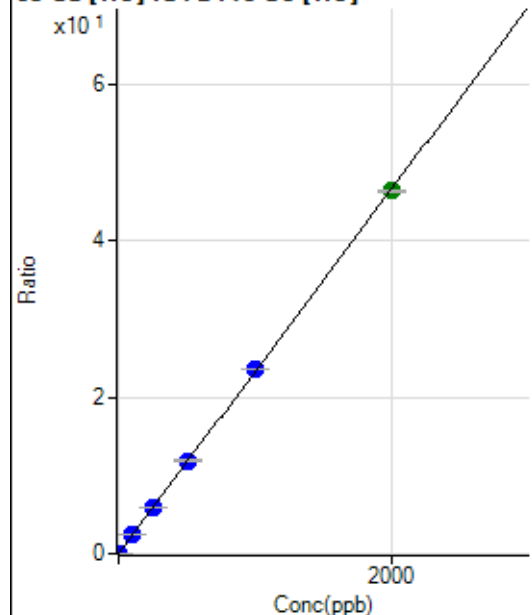
$$R = 0.9999$$

$$DL = 0.08755$$

$$BEC = 0.03628$$

Weight: <None>

Min Conc: 0

⁶³Cu [He] ISTD:45 Sc [He]

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐	0.000	0.000	307.79	0.0055	P	18.5
2	☐	0.200					
3	☐	2.000	2.031	2923.69	0.0529	P	1.2
4	☐	100.000	103.581	134190.30	2.4201	P	2.5
5	☐	250.000	254.552	333804.21	5.9394	P	1.2
6	☐	500.000	510.810	671576.65	11.9130	P	0.8
7	☐	1000.000	1011.799	1342226.93	23.5914	P	0.7
8	☐	2000.000	1990.650	2643447.06	46.4092	A	0.3
9	☐			5902.47	0.1033	P	2.3

$$y = 0.0233 * x + 0.0055$$

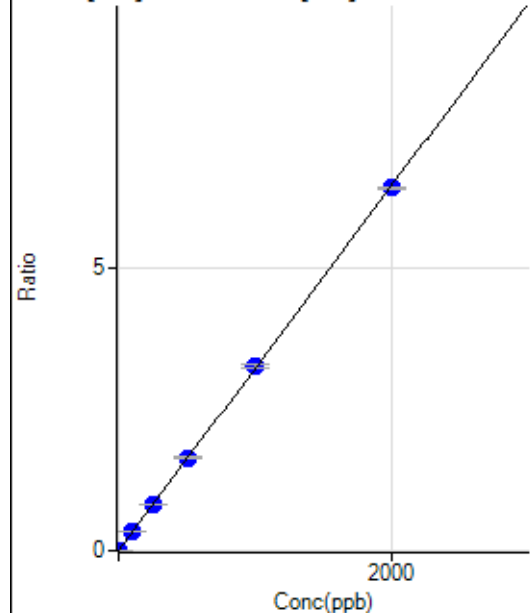
$$R = 1.0000$$

$$DL = 0.132$$

$$BEC = 0.2377$$

Weight: <None>

Min Conc: 0

⁶⁶Zn [He] ISTD:45 Sc [He]

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐	0.000	0.000	68.89	0.0012	P	2.3
2	☐	0.200					
3	☐	2.000	2.049	432.24	0.0078	P	8.1
4	☐	100.000	104.254	18669.45	0.3367	P	2.3
5	☐	250.000	254.425	46066.38	0.8198	P	2.7
6	☐	500.000	509.262	92444.41	1.6398	P	1.1
7	☐	1000.000	1016.384	186117.76	3.2714	P	2.0
8	☐	2000.000	1988.727	364530.24	6.3998	P	0.6
9	☐			3390.47	0.0593	P	3.3

$$y = 0.0032 * x + 0.0012$$

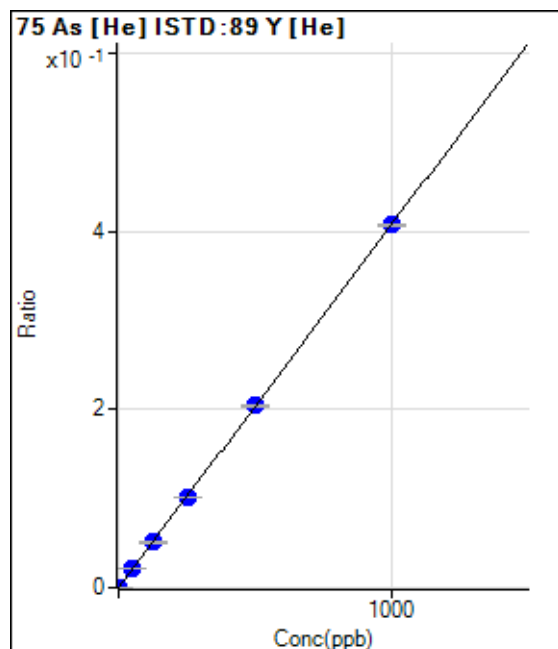
$$R = 0.9999$$

$$DL = 0.02642$$

$$BEC = 0.3852$$

Weight: <None>

Min Conc: 0



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐	0.000	0.000	2.47	0.0000	P	45.2
2	☐	0.100					
3	☐	1.000	0.940	141.36	0.0004	P	8.3
4	☐	50.000	50.532	7604.61	0.0206	P	0.8
5	☐	125.000	125.354	19000.80	0.0511	P	2.5
6	☐	250.000	249.736	38725.11	0.1018	P	1.4
7	☐	500.000	500.950	78240.10	0.2043	P	1.3
8	☐	1000.000	999.520	155805.40	0.4076	P	0.8
9	☐			274.70	0.0007	P	12.5

$$y = 4.0779\text{E-}004 * x + 6.8561\text{E-}006$$

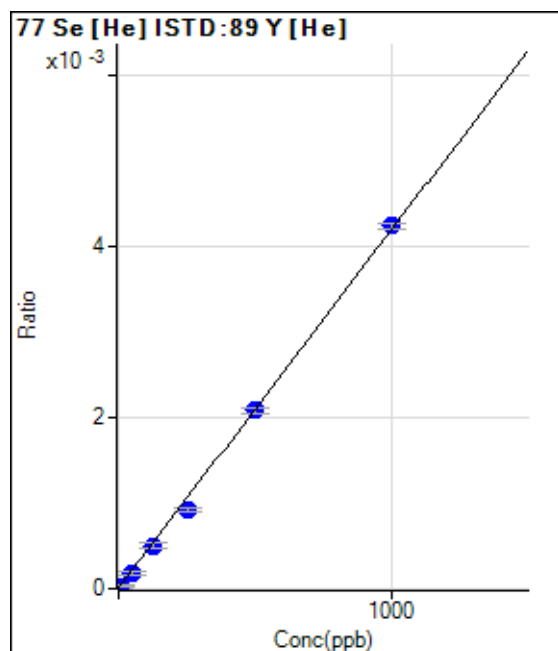
$$R = 1.0000$$

$$DL = 0.02281$$

$$BEC = 0.01681$$

Weight: <None>

Min Conc: 0



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐	0.000	0.000	2.22	0.0000	P	173.2
2	☐	0.500					
3	☐	5.000	6.550	12.22	0.0000	P	41.0
4	☐	50.000	42.400	67.78	0.0002	P	19.3
5	☐	125.000	118.860	187.78	0.0005	P	15.1
6	☐	250.000	218.764	351.12	0.0009	P	2.7
7	☐	500.000	496.513	800.04	0.0021	P	3.1
8	☐	1000.000	1010.692	1622.35	0.0042	P	1.4
9	☐			3.33	0.0000	P	173.2

$$y = 4.1933\text{E-}006 * x + 6.1014\text{E-}006$$

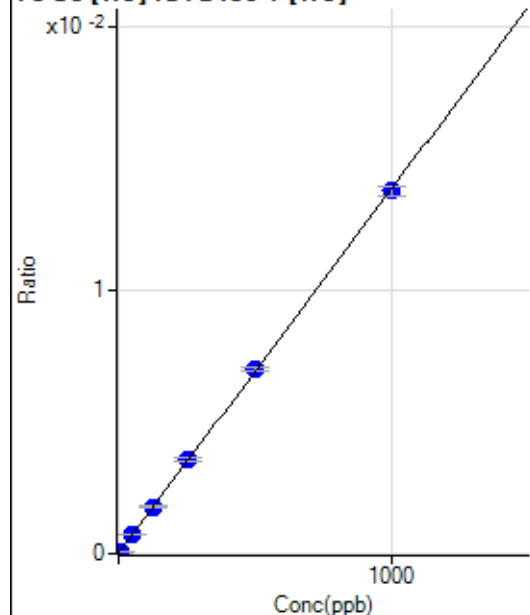
$$R = 0.9995$$

$$DL = 7.561$$

$$BEC = 1.455$$

Weight: <None>

Min Conc: 0

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

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐	0.000	0.000	4.94	0.0000	P	45.3
2	☐	0.500					
3	☐	5.000	5.180	30.87	0.0001	P	14.9
4	☐	50.000	52.068	270.38	0.0007	P	5.4
5	☐	125.000	126.450	654.34	0.0018	P	5.2
6	☐	250.000	257.700	1359.34	0.0036	P	5.3
7	☐	500.000	506.026	2682.38	0.0070	P	3.0
8	☐	1000.000	994.777	5259.69	0.0138	P	3.0
9	☐			9.88	0.0000	P	28.3

$$y = 1.3816E-005 * x + 1.3722E-005$$

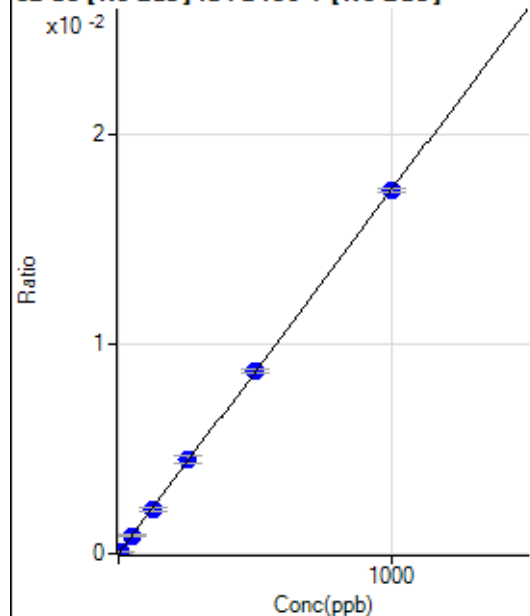
$$R = 0.9999$$

$$DL = 1.35$$

$$BEC = 0.9932$$

Weight: <None>

Min Conc: 0

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

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐	0.000	0.000	3.69	0.0000	P	2545.0
2	☐	0.500					
3	☐	5.000	3.653	183.70	0.0001	P	37.2
4	☐	50.000	50.014	2460.85	0.0009	P	3.9
5	☐	125.000	121.878	6347.15	0.0021	P	5.7
6	☐	250.000	257.846	12998.61	0.0045	P	7.2
7	☐	500.000	502.419	26363.89	0.0087	P	2.3
8	☐	1000.000	997.225	51662.95	0.0173	P	1.0
9	☐			-0.99	0.0000	P	45246.

$$y = 1.7348E-005 * x + 1.6331E-006$$

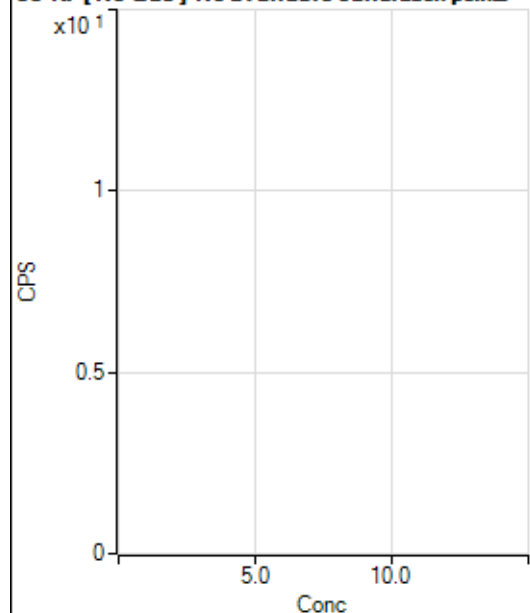
$$R = 0.9999$$

$$DL = 7.187$$

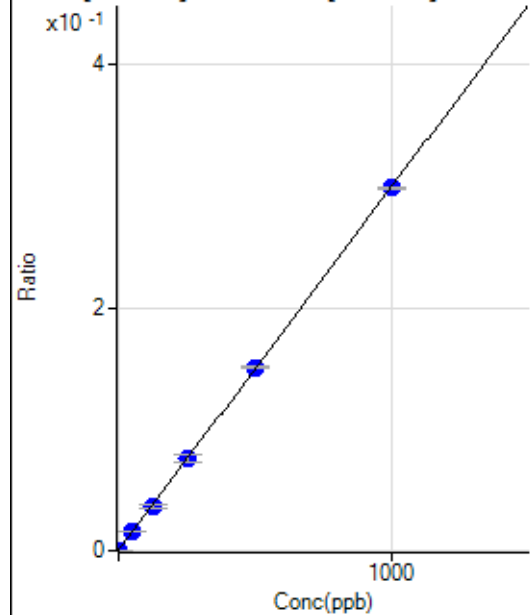
$$BEC = 0.09413$$

Weight: <None>

Min Conc: 0

83 Kr [No Gas] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐			400.02		P	18.3
2	☐						
3	☐			464.46		P	8.3
4	☐			452.24		P	5.0
5	☐			405.57		P	8.6
6	☐			457.79		P	11.0
7	☐			436.68		P	4.0
8	☐			440.01		P	7.2
9	☐			424.46		P	12.3

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐	0.000	0.000	725.05	0.0003	P	10.4
2	☐	0.100					
3	☐	1.000	0.916	1516.82	0.0005	P	7.4
4	☐	50.000	50.573	43596.07	0.0154	P	2.9
5	☐	125.000	120.793	109265.01	0.0364	P	5.2
6	☐	250.000	255.322	222647.48	0.0767	P	8.5
7	☐	500.000	504.087	457209.34	0.1512	P	1.4
8	☐	1000.000	997.123	892059.73	0.2987	P	0.8
9	☐			3975.77	0.0015	P	2.6

$$y = 2.9935E-004 * x + 2.6185E-004$$

$$R = 1.0000$$

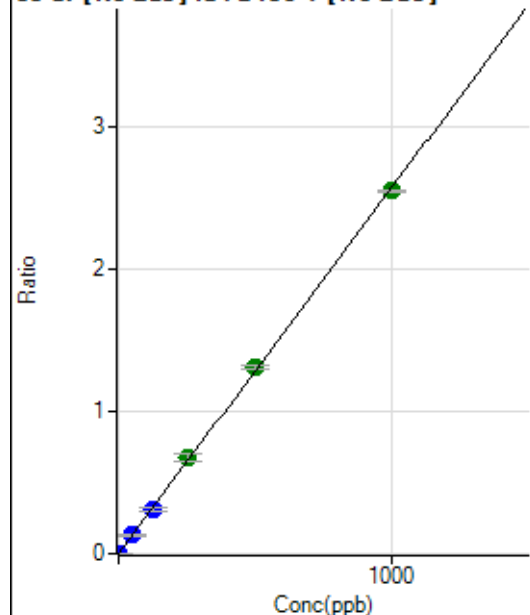
$$DL = 0.2731$$

$$BEC = 0.8747$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐	0.000	0.000	38.89	0.0000	P	11.8
2	☐	0.100					
3	☐	1.000	0.956	6982.67	0.0025	P	3.3
4	☐	50.000	50.152	364397.90	0.1287	P	2.7
5	☐	125.000	121.452	935065.61	0.3117	P	5.4
6	☐	250.000	261.852	1951336.98	0.6720	A	8.2
7	☐	500.000	510.786	3964914.41	1.3109	A	1.4
8	☐	1000.000	992.080	7602683.94	2.5461	A	0.5
9	☐			31187.07	0.0114	P	3.3

$$y = 0.0026 * x + 1.4036E-005$$

$$R = 0.9998$$

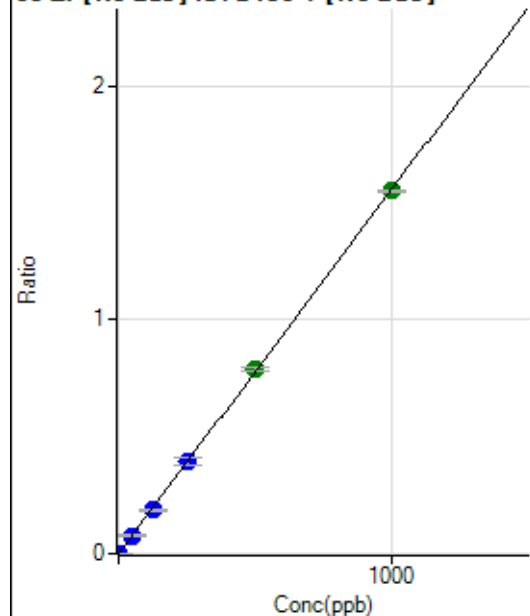
$$DL = 0.001928$$

$$BEC = 0.005469$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐	0.000	0.000	222.23	0.0001	P	13.4
2	☐	0.100					
3	☐	1.000	0.889	4142.49	0.0015	P	3.6
4	☐	50.000	50.089	220980.06	0.0781	P	3.5
5	☐	125.000	120.332	562295.99	0.1874	P	5.4
6	☐	250.000	255.617	1155636.92	0.3981	P	8.5
7	☐	500.000	505.108	2378621.36	0.7865	A	2.3
8	☐	1000.000	996.621	4633815.60	1.5518	A	0.8
9	☐			1000.09	0.0004	P	12.4

$$y = 0.0016 * x + 8.0264E-005$$

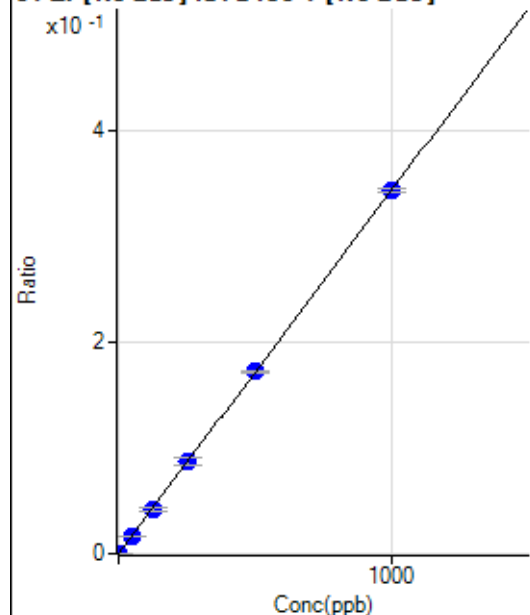
$$R = 0.9999$$

$$DL = 0.02076$$

$$BEC = 0.05155$$

Weight: <None>

Min Conc: 0

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

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐	0.000	0.000	94.45	0.0000	P	31.5
2	☐	0.100					
3	☐	1.000	0.945	1016.75	0.0004	P	6.4
4	☐	50.000	49.841	48669.12	0.0172	P	0.8
5	☐	125.000	121.204	125250.84	0.0417	P	5.2
6	☐	250.000	256.423	256347.12	0.0883	P	8.2
7	☐	500.000	500.756	521375.94	0.1724	P	1.6
8	☐	1000.000	998.499	1026269.47	0.3437	P	0.9
9	☐			347.24	0.0001	P	13.9

$$y = 3.4418\text{E-}004 * x + 3.4130\text{E-}005$$

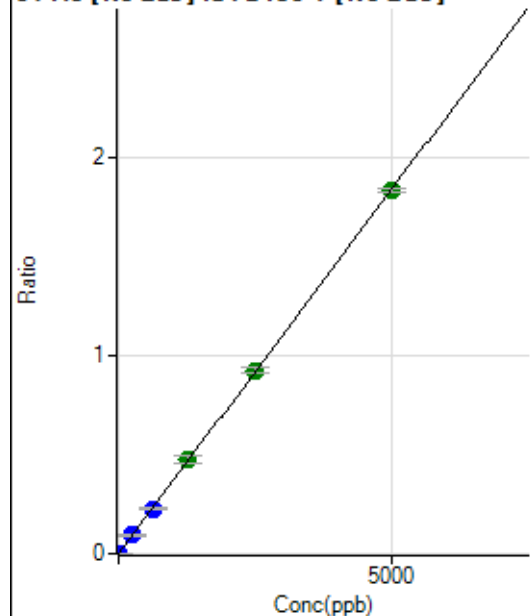
$$R = 1.0000$$

$$DL = 0.09367$$

$$BEC = 0.09916$$

Weight: <None>

Min Conc: 0

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

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐	0.000	0.000	75.00	0.0000	P	40.9
2	☐	0.500					
3	☐	5.000	4.978	5245.71	0.0019	P	1.0
4	☐	250.000	251.469	261381.56	0.0923	P	2.2
5	☐	625.000	610.776	672701.46	0.2242	P	4.8
6	☐	1250.000	1287.020	1371773.12	0.4724	A	8.0
7	☐	2500.000	2521.151	2798360.80	0.9254	A	2.6
8	☐	5000.000	4981.874	5460029.81	1.8286	A	1.0
9	☐			2478.12	0.0009	P	3.3

$$y = 3.6704\text{E-}004 * x + 2.7152\text{E-}005$$

$$R = 0.9999$$

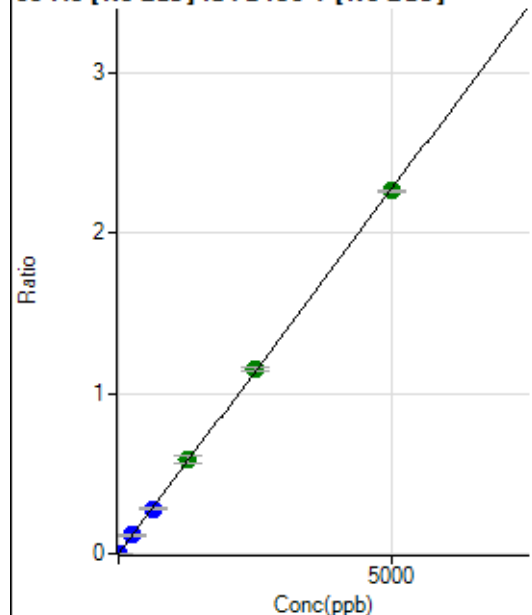
$$DL = 0.09081$$

$$BEC = 0.07398$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐	0.000	0.000	33.33	0.0000	P	25.0
2	☐	0.500					
3	☐	5.000	5.002	6471.26	0.0023	P	4.3
4	☐	250.000	252.534	325300.53	0.1149	P	2.8
5	☐	625.000	609.988	832804.03	0.2776	P	4.7
6	☐	1250.000	1295.498	1710795.49	0.5895	A	9.1
7	☐	2500.000	2528.946	3479691.40	1.1507	A	2.5
8	☐	5000.000	4975.902	6760416.38	2.2640	A	0.7
9	☐			3564.52	0.0013	P	7.6

$$y = 4.5500\text{E-}004 * x + 1.2033\text{E-}005$$

$$R = 0.9999$$

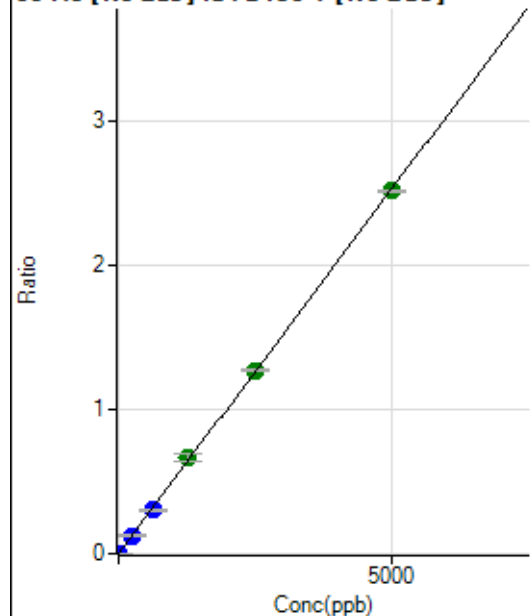
$$DL = 0.01981$$

$$BEC = 0.02645$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐	0.000	0.000	44.45	0.0000	P	57.3
2	☐	0.500					
3	☐	5.000	5.077	7307.87	0.0026	P	0.3
4	☐	250.000	248.674	355974.58	0.1258	P	3.3
5	☐	625.000	602.660	914309.28	0.3047	P	5.0
6	☐	1250.000	1309.533	1922438.50	0.6622	A	8.4
7	☐	2500.000	2518.460	3851832.38	1.2735	A	1.5
8	☐	5000.000	4978.746	7517260.58	2.5175	A	0.7
9	☐			4595.45	0.0017	P	7.7

$$y = 5.0565\text{E-}004 * x + 1.6025\text{E-}005$$

$$R = 0.9999$$

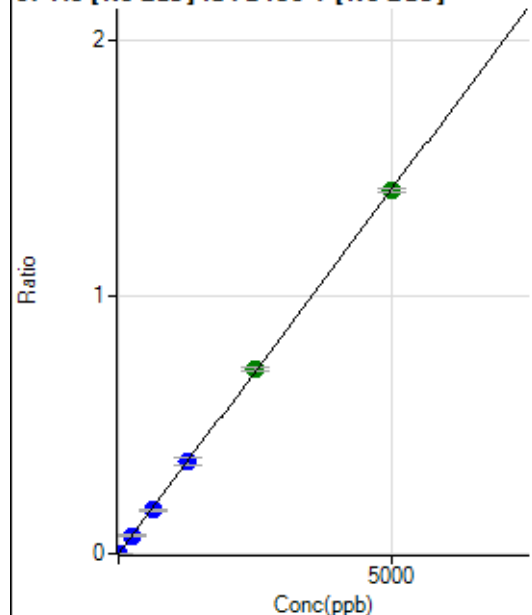
$$DL = 0.05449$$

$$BEC = 0.03169$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐	0.000	0.000	13.89	0.0000	P	125.5
2	☐	0.500					
3	☐	5.000	4.881	3925.74	0.0014	P	4.2
4	☐	250.000	246.991	198045.89	0.0700	P	3.5
5	☐	625.000	596.159	506686.08	0.1689	P	4.8
6	☐	1250.000	1262.357	1038277.75	0.3576	P	8.1
7	☐	2500.000	2539.122	2175056.45	0.7192	A	2.3
8	☐	5000.000	4981.105	4213024.01	1.4109	A	0.9
9	☐			2169.72	0.0008	P	5.0

$$y = 2.8326\text{E-}004 * x + 5.0181\text{E-}006$$

$$R = 0.9999$$

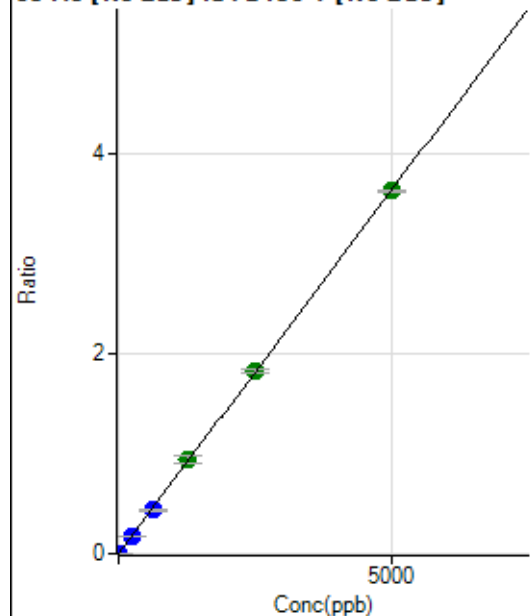
$$DL = 0.06668$$

$$BEC = 0.01772$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐	0.000	0.000	47.22	0.0000	P	9.9
2	☐	0.500					
3	☐	5.000	5.109	10571.25	0.0037	P	3.5
4	☐	250.000	247.126	509486.85	0.1800	P	2.7
5	☐	625.000	603.065	1317536.74	0.4392	P	5.2
6	☐	1250.000	1289.377	2725439.95	0.9390	A	8.8
7	☐	2500.000	2503.507	5513605.72	1.8231	A	2.0
8	☐	5000.000	4991.288	10853156.49	3.6347	A	0.9
9	☐			5648.64	0.0021	P	5.9

$$y = 7.2821\text{E-}004 * x + 1.7050\text{E-}005$$

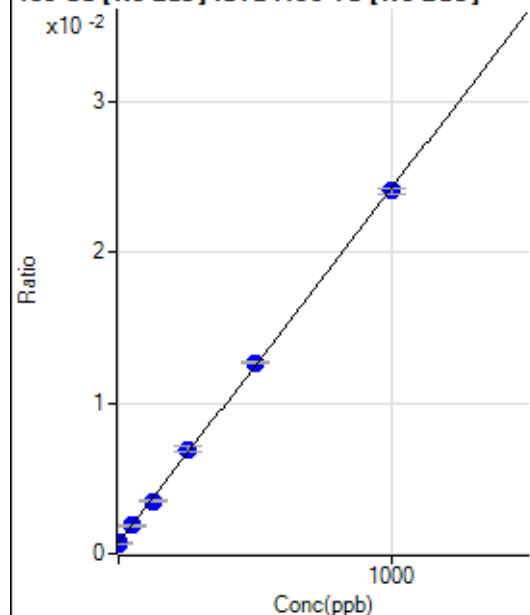
$$R = 0.9999$$

$$DL = 0.006976$$

$$BEC = 0.02341$$

Weight: <None>

Min Conc: 0

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

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐	0.000	0.000	2097.48	0.0007	P	9.7
2	☐	0.100					
3	☐	1.000	-1.990	2075.26	0.0007	P	4.4
4	☐	50.000	48.528	5632.01	0.0019	P	4.2
5	☐	125.000	118.522	11477.69	0.0035	P	3.8
6	☐	250.000	264.813	22074.39	0.0069	P	6.3
7	☐	500.000	508.740	41729.26	0.0127	P	1.2
8	☐	1000.000	992.813	79124.04	0.0240	P	1.4
9	☐			2166.96	0.0007	P	1.4

$$y = 2.3488E-005 * x + 7.1588E-004$$

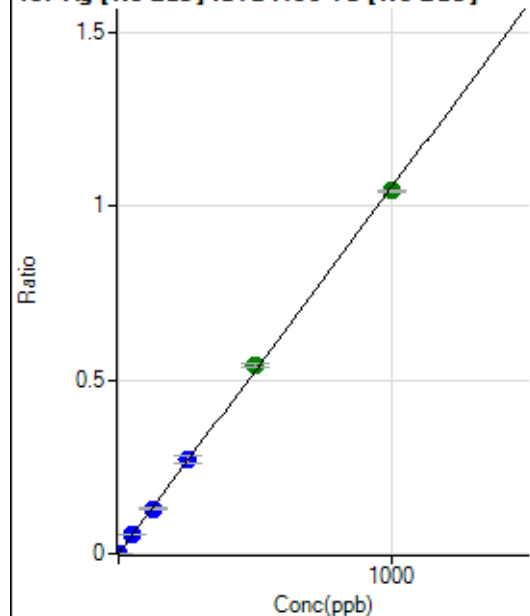
$$R = 0.9998$$

$$DL = 8.912$$

$$BEC = 30.48$$

Weight: <None>

Min Conc: 0

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

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐	0.000	0.000	133.34	0.0000	P	7.5
2	☐	0.100					
3	☐	1.000	1.119	3795.18	0.0012	P	6.2
4	☐	50.000	51.438	164563.60	0.0542	P	0.3
5	☐	125.000	122.402	422694.11	0.1290	P	5.9
6	☐	250.000	259.433	869213.83	0.2734	P	7.9
7	☐	500.000	514.207	1784953.99	0.5417	A	1.4
8	☐	1000.000	990.791	3436415.75	1.0438	A	0.2
9	☐			588.93	0.0002	P	23.0

$$y = 0.0011 * x + 4.5532E-005$$

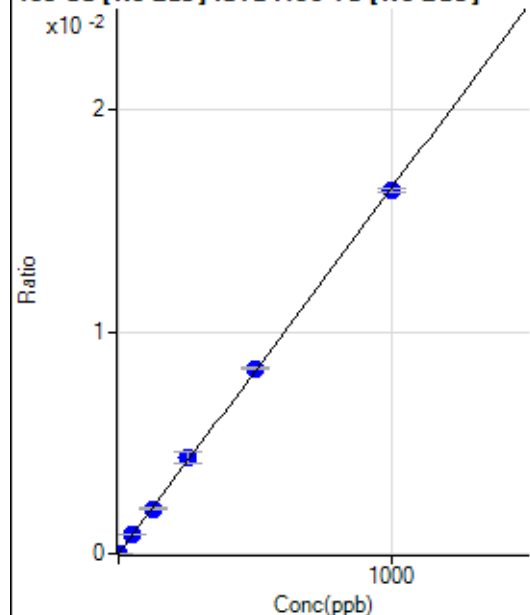
$$R = 0.9998$$

$$DL = 0.009732$$

$$BEC = 0.04322$$

Weight: <None>

Min Conc: 0

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

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐	0.000	0.000	4.17	0.0000	P	99.4
2	☐	0.100					
3	☐	1.000	1.108	61.11	0.0000	P	36.7
4	☐	50.000	53.171	2661.43	0.0009	P	0.7
5	☐	125.000	123.378	6658.74	0.0020	P	7.8
6	☐	250.000	264.454	13830.95	0.0044	P	11.6
7	☐	500.000	506.960	27517.30	0.0084	P	0.4
8	☐	1000.000	992.951	53840.72	0.0164	P	1.0
9	☐			9.72	0.0000	P	62.3

$$y = 1.6470\text{E-}005 * x + 1.4100\text{E-}006$$

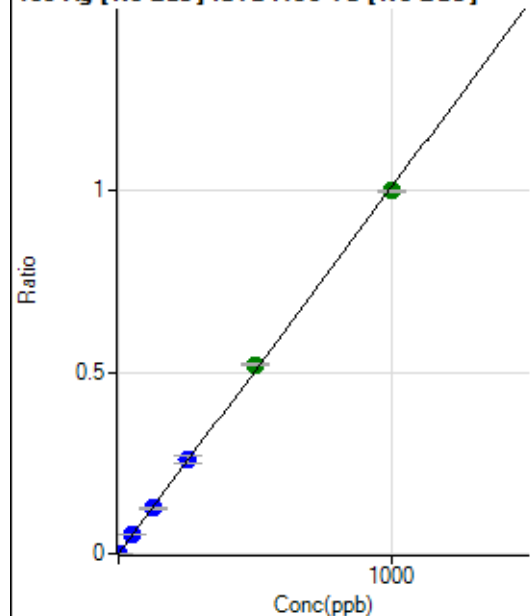
$$R = 0.9998$$

$$DL = 0.2552$$

$$BEC = 0.08561$$

Weight: <None>

Min Conc: 0

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

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐	0.000	0.000	88.89	0.0000	P	15.3
2	☐	0.100					
3	☐	1.000	1.001	3225.54	0.0010	P	1.9
4	☐	50.000	51.104	156454.10	0.0516	P	0.5
5	☐	125.000	123.832	409362.90	0.1249	P	5.1
6	☐	250.000	257.532	825607.35	0.2597	P	8.4
7	☐	500.000	516.183	1714964.90	0.5205	A	1.4
8	☐	1000.000	990.116	3286918.52	0.9984	A	0.4
9	☐			575.05	0.0002	P	18.8

$$y = 0.0010 * x + 3.0368\text{E-}005$$

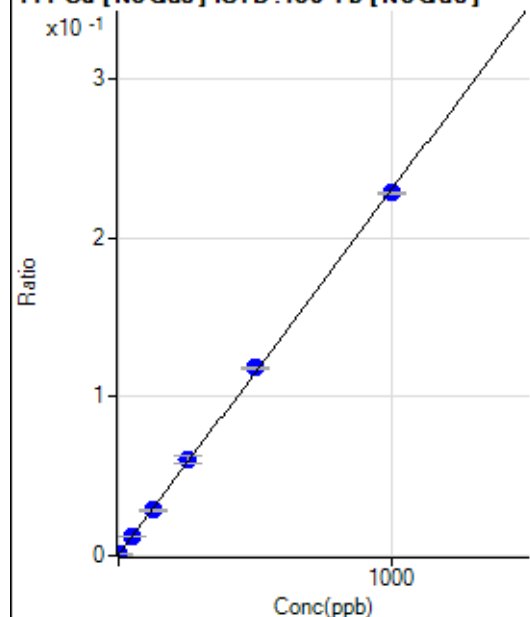
$$R = 0.9998$$

$$DL = 0.01381$$

$$BEC = 0.03012$$

Weight: <None>

Min Conc: 0

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

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐	0.000	0.000	1476.44	0.0005	P	10.0
2	☐	0.100					
3	☐	1.000	0.704	2064.10	0.0007	P	4.7
4	☐	50.000	51.945	37714.41	0.0124	P	1.3
5	☐	125.000	123.129	94287.92	0.0288	P	5.5
6	☐	250.000	259.944	191295.66	0.0602	P	8.5
7	☐	500.000	511.595	388615.65	0.1179	P	1.1
8	☐	1000.000	991.853	751256.32	0.2282	P	0.5
9	☐			1553.12	0.0005	P	2.2

$$y = 2.2956\text{E-}004 * x + 5.0393\text{E-}004$$

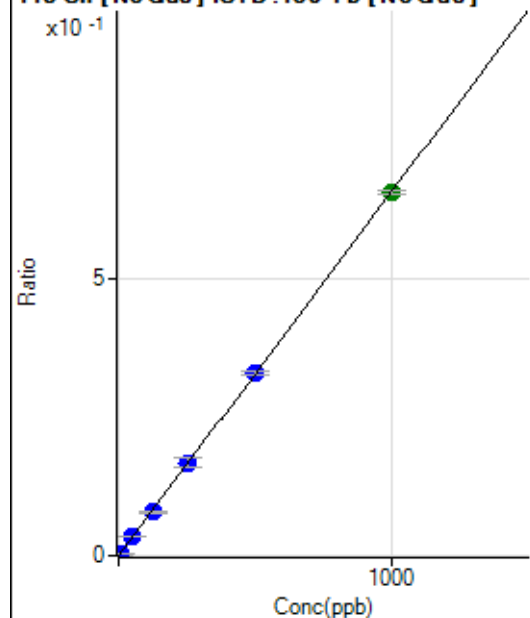
$$R = 0.9998$$

$$DL = 0.6592$$

$$BEC = 2.195$$

Weight: <None>

Min Conc: 0

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

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐	0.000	0.000	133.34	0.0000	P	11.2
2	☐	0.500					
3	☐	5.000	4.888	10073.67	0.0032	P	1.8
4	☐	50.000	50.471	100485.50	0.0331	P	0.9
5	☐	125.000	119.980	257724.26	0.0787	P	6.1
6	☐	250.000	256.123	533487.39	0.1679	P	8.9
7	☐	500.000	503.550	1087138.14	0.3300	P	1.8
8	☐	1000.000	997.299	2151413.35	0.6535	A	1.1
9	☐			1386.26	0.0005	P	12.9

$$y = 6.5521\text{E-}004 * x + 4.5518\text{E-}005$$

$$R = 0.9999$$

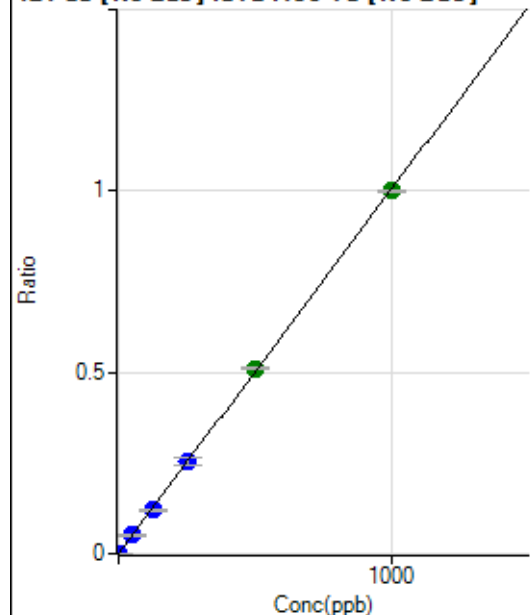
$$DL = 0.02336$$

$$BEC = 0.06947$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐	0.000	0.000	41.67	0.0000	P	70.3
2	☐	0.200					
3	☐	2.000	1.916	6015.57	0.0019	P	7.3
4	☐	50.000	50.462	153922.59	0.0507	P	1.8
5	☐	125.000	120.082	395494.05	0.1207	P	6.1
6	☐	250.000	254.594	813248.67	0.2559	P	8.9
7	☐	500.000	508.072	1682570.78	0.5106	A	1.3
8	☐	1000.000	995.407	3293661.75	1.0004	A	0.4
9	☐			3500.63	0.0012	P	6.6

$$y = 0.0010 * x + 1.4282E-005$$

$$R = 0.9999$$

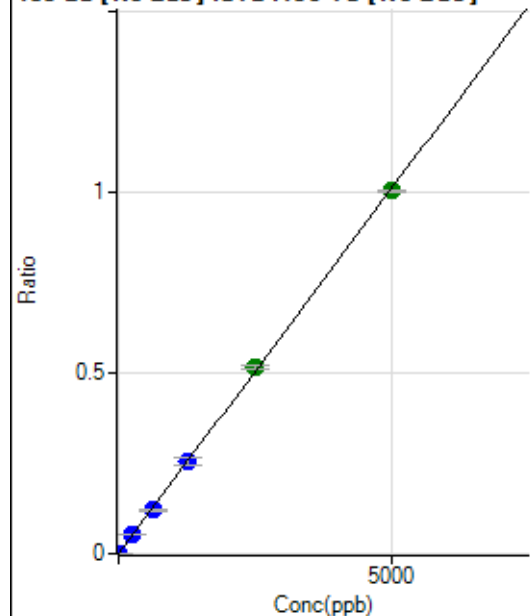
$$DL = 0.02997$$

$$BEC = 0.01421$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐	0.000	0.000	5.56	0.0000	P	173.2
2	☐	1.000					
3	☐	10.000	9.840	6171.14	0.0020	P	1.9
4	☐	250.000	251.463	154146.17	0.0508	P	0.4
5	☐	625.000	596.638	394983.67	0.1205	P	5.7
6	☐	1250.000	1271.621	816337.81	0.2569	P	9.1
7	☐	2500.000	2555.892	1701122.71	0.5163	A	1.9
8	☐	5000.000	4970.121	3305327.42	1.0040	A	0.6
9	☐			422.25	0.0001	P	12.5

$$y = 2.0201E-004 * x + 1.9171E-006$$

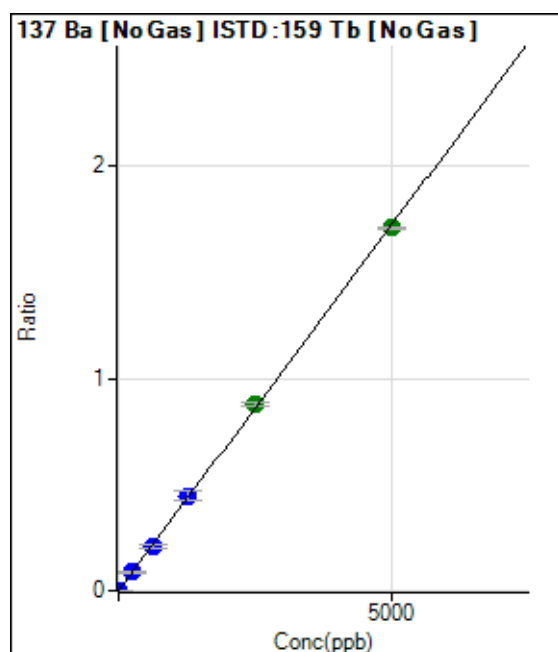
$$R = 0.9999$$

$$DL = 0.04931$$

$$BEC = 0.00949$$

Weight: <None>

Min Conc: 0



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐	0.000	0.000	27.78	0.0000	P	34.4
2	☐	1.000					
3	☐	10.000	10.183	10905.04	0.0035	P	2.1
4	☐	250.000	250.365	261630.16	0.0862	P	0.9
5	☐	625.000	604.171	681745.67	0.2081	P	5.9
6	☐	1250.000	1292.653	1413928.89	0.4451	P	9.9
7	☐	2500.000	2559.253	2903433.31	0.8813	A	2.2
8	☐	5000.000	4962.295	5625422.96	1.7088	A	0.6
9	☐			650.05	0.0002	P	7.4

$$y = 3.4435\text{E-}004 * x + 9.4730\text{E-}006$$

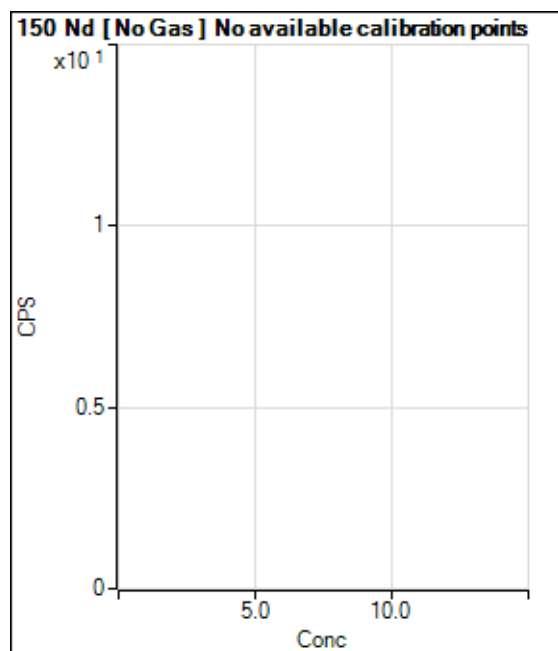
$$R = 0.9998$$

$$DL = 0.02843$$

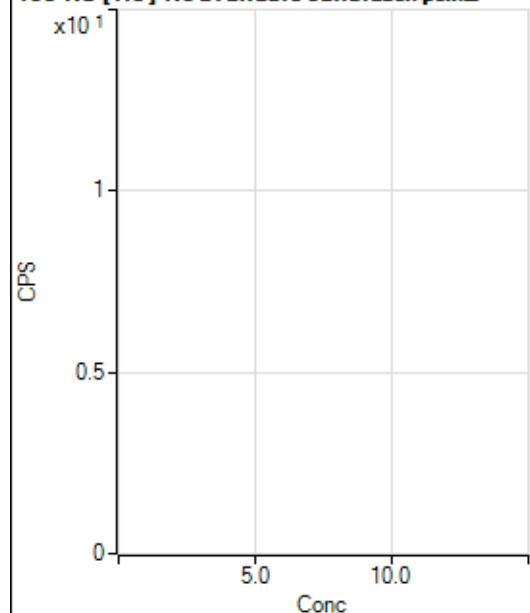
$$BEC = 0.02751$$

Weight: <None>

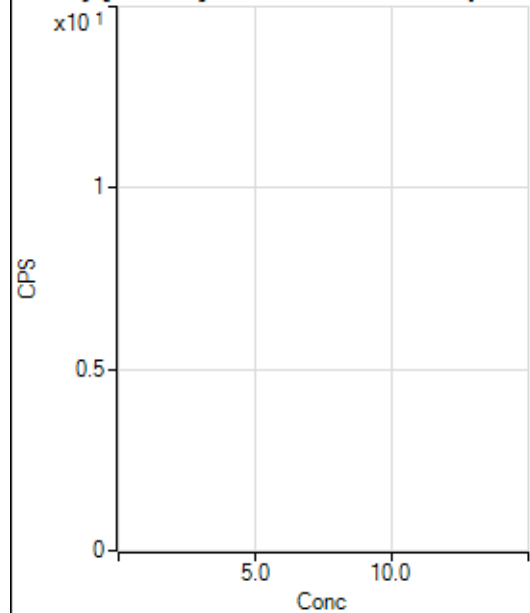
Min Conc: 0



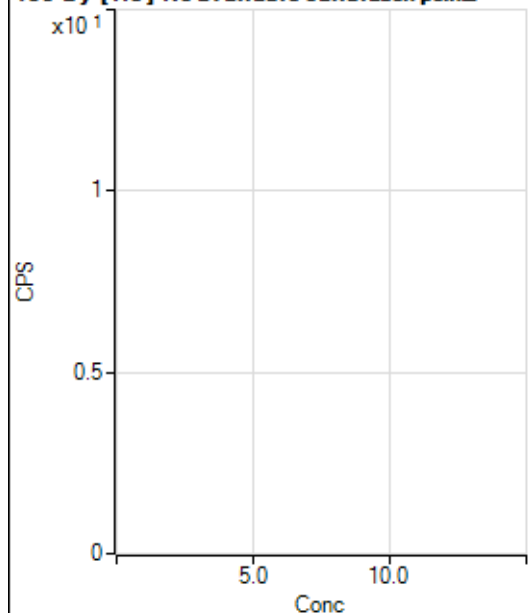
	R _j ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐			2.22		P	173.2
2	☐						
3	☐			2.22		P	173.2
4	☐			13.33		P	100.0
5	☐			40.00		P	66.7
6	☐			42.23		P	74.6
7	☐			73.34		P	27.3
8	☐			137.78		P	20.1
9	☐			28.89		P	13.3

150 Nd [He] No available calibration points

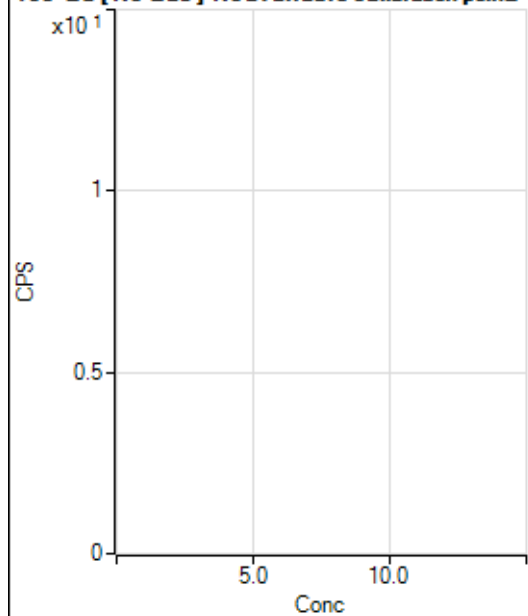
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐			1.11		P	173.2
2	☐						
3	☐			0.00		P	
4	☐			1.11		P	173.2
5	☐			1.11		P	173.2
6	☐			8.89		P	21.6
7	☐			4.45		P	86.6
8	☐			11.11		P	45.8
9	☐			23.33		P	14.3

156 Dy [No Gas] No available calibration points

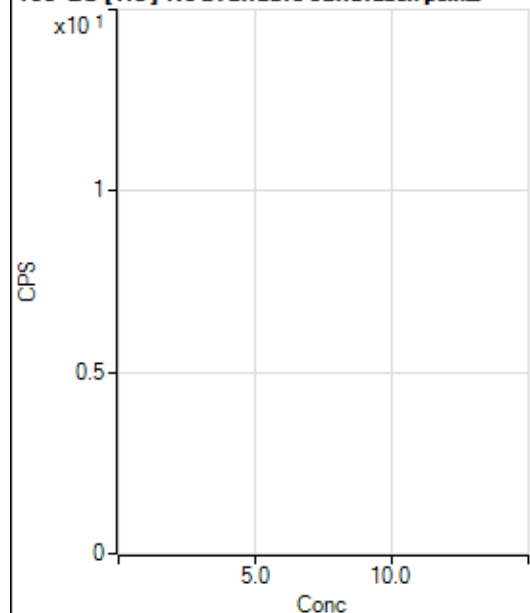
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐			2.78		P	173.2
2	☐						
3	☐			8.33		P	0.0
4	☐			8.33		P	0.0
5	☐			19.45		P	24.7
6	☐			16.67		P	100.0
7	☐			47.22		P	44.4
8	☐			50.00		P	44.1
9	☐			27.78		P	45.8

156 Dy [He] No available calibration points

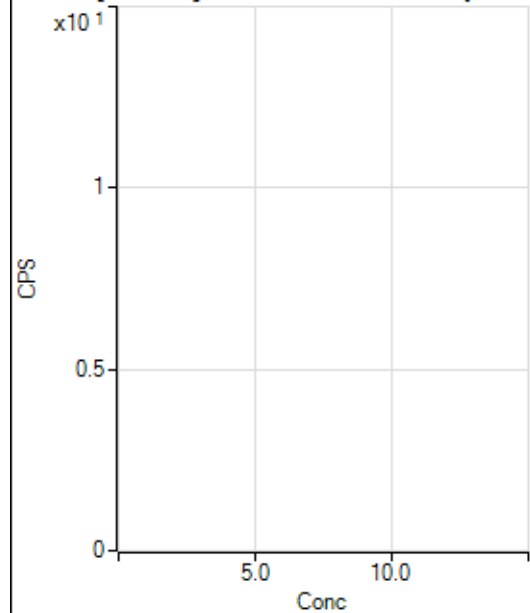
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐			3.33		P	0.0
2	☐						
3	☐			1.11		P	173.2
4	☐			2.22		P	86.6
5	☐			3.33		P	100.1
6	☐			1.11		P	173.2
7	☐			7.78		P	65.5
8	☐			6.67		P	100.0
9	☐			12.22		P	41.7

160 Gd [No Gas] Noavailable calibration poin_

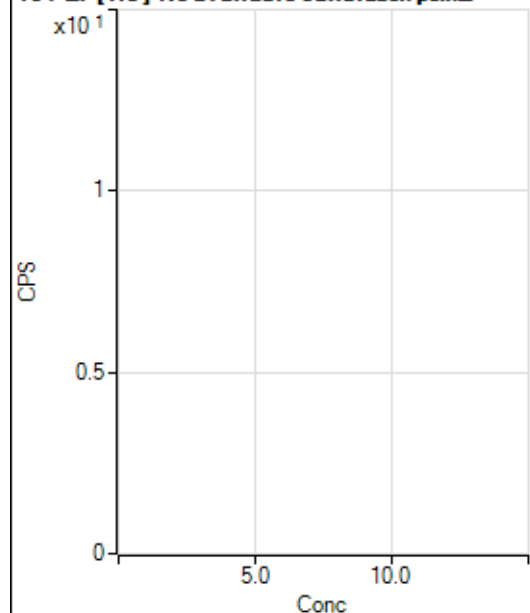
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐			30.56		P	83.3
2	☐						
3	☐			22.22		P	21.6
4	☐			22.22		P	21.6
5	☐			44.45		P	28.7
6	☐			19.44		P	49.5
7	☐			33.33		P	25.0
8	☐			30.56		P	15.7
9	☐			38.89		P	61.9

160 Gd [He] No available calibration points

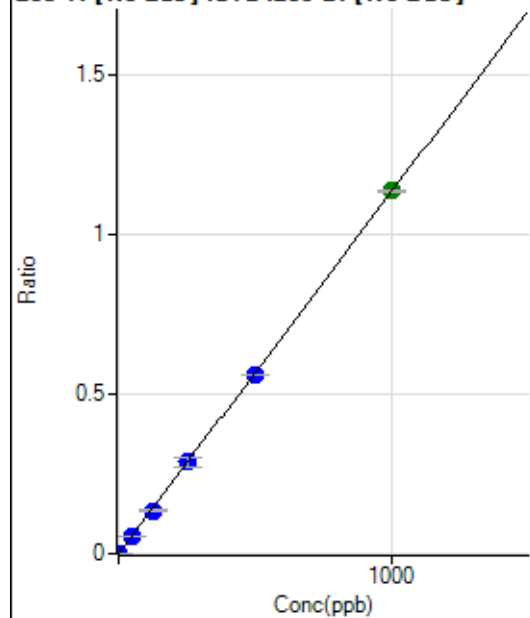
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐			8.89		P	78.1
2	☐						
3	☐			13.33		P	50.0
4	☐			8.89		P	21.6
5	☐			8.89		P	78.1
6	☐			10.00		P	66.7
7	☐			10.00		P	33.3
8	☐			13.33		P	25.0
9	☐			23.33		P	28.6

164 Er [No Gas] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐			25.00		P	33.3
2	☐						
3	☐			8.33		P	100.0
4	☐			13.89		P	124.9
5	☐			16.67		P	NaN
6	☐			16.67		P	100.0
7	☐			19.44		P	49.5
8	☐			5.56		P	173.2
9	☐			38.89		P	32.7

164 Er [He] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐			5.55		P	124.9
2	☐						
3	☐			3.33		P	100.1
4	☐			5.56		P	91.6
5	☐			3.33		P	100.1
6	☐			5.56		P	34.7
7	☐			7.78		P	137.8
8	☐			10.00		P	33.3
9	☐			6.67		P	0.0

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐	0.000	0.000	36.11	0.0000	P	75.1
2	☐	0.100					
3	☐	1.000	1.007	1997.48	0.0012	P	8.7
4	☐	50.000	48.864	95924.60	0.0555	P	1.6
5	☐	125.000	117.273	248386.89	0.1332	P	4.1
6	☐	250.000	253.435	512682.38	0.2878	P	10.1
7	☐	500.000	494.846	1049567.92	0.5619	P	0.8
8	☐	1000.000	1002.741	2067233.01	1.1386	A	0.6
9	☐			161.12	0.0001	P	26.7

$$y = 0.0011 * x + 2.2016E-005$$

$$R = 0.9999$$

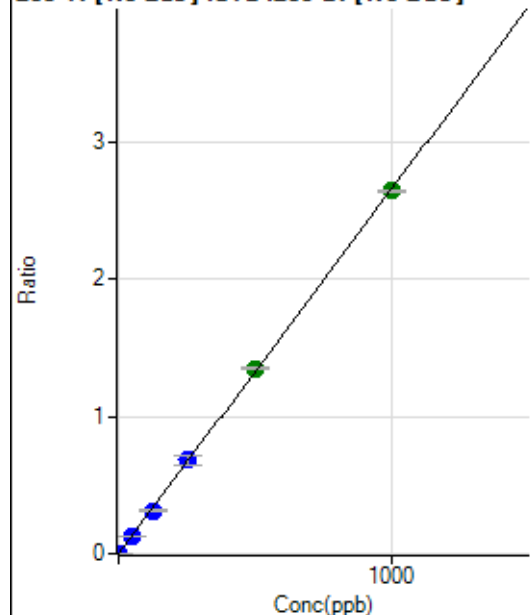
$$DL = 0.04368$$

$$BEC = 0.01939$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐	0.000	0.000	55.56	0.0000	P	62.2
2	☐	0.100					
3	☐	1.000	0.979	4501.00	0.0026	P	5.8
4	☐	50.000	48.971	224526.21	0.1299	P	1.6
5	☐	125.000	118.645	586895.57	0.3147	P	4.4
6	☐	250.000	256.352	1211762.47	0.6800	P	9.4
7	☐	500.000	507.530	2514439.83	1.3462	A	0.8
8	☐	1000.000	995.493	4793826.97	2.6404	A	0.5
9	☐			411.14	0.0003	P	26.7

$$y = 0.0027 * x + 3.3711E-005$$

$$R = 0.9999$$

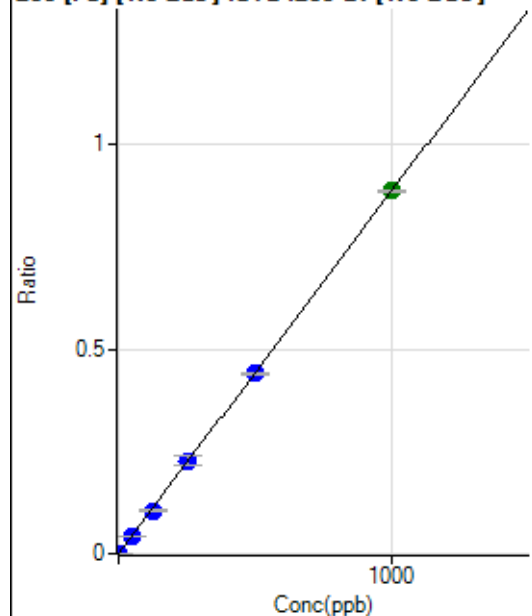
$$DL = 0.02372$$

$$BEC = 0.01271$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐	0.000	0.000	205.57	0.0001	P	33.5
2	☐	0.100					
3	☐	1.000	0.991	1716.84	0.0010	P	7.5
4	☐	50.000	49.975	76737.69	0.0444	P	0.6
5	☐	125.000	119.122	197010.22	0.1057	P	5.1
6	☐	250.000	256.387	405043.57	0.2273	P	9.4
7	☐	500.000	496.214	821452.14	0.4398	P	0.5
8	☐	1000.000	1001.032	1610515.14	0.8871	A	0.3
9	☐			2915.25	0.0019	P	1.6

$$y = 8.8602E-004 * x + 1.2468E-004$$

$$R = 0.9999$$

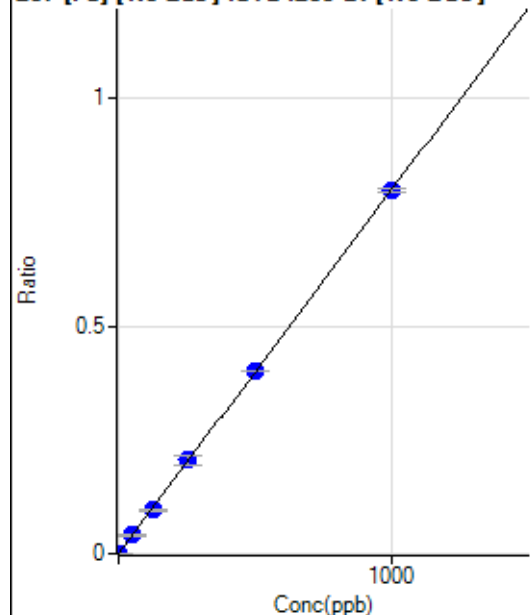
$$DL = 0.1414$$

$$BEC = 0.1407$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐	0.000	0.000	211.12	0.0001	P	6.2
2	☐	0.100					
3	☐	1.000	0.912	1464.95	0.0009	P	2.8
4	☐	50.000	50.270	69546.93	0.0402	P	1.1
5	☐	125.000	119.334	177814.94	0.0954	P	4.4
6	☐	250.000	257.478	366227.73	0.2056	P	10.1
7	☐	500.000	502.567	749336.86	0.4012	P	0.7
8	☐	1000.000	997.542	1445443.42	0.7961	P	1.0
9	☐			2298.43	0.0015	P	6.6

$$y = 7.9797\text{E-}004 * x + 1.2816\text{E-}004$$

$$R = 0.9999$$

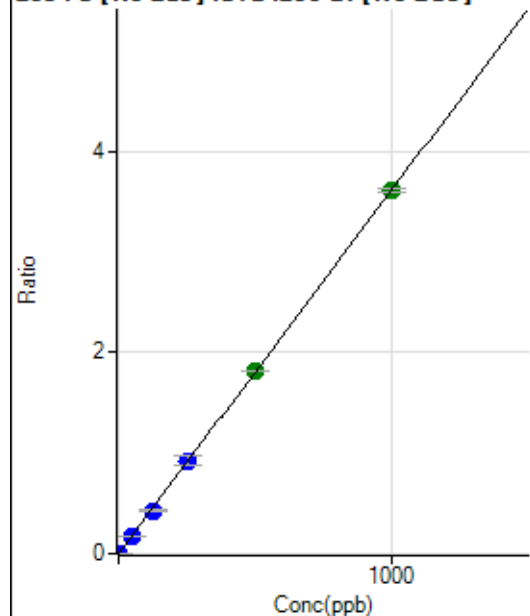
$$DL = 0.02984$$

$$BEC = 0.1606$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐	0.000	0.000	890.79	0.0005	P	4.7
2	☐	0.100					
3	☐	1.000	0.930	6669.40	0.0039	P	2.5
4	☐	50.000	49.381	308819.26	0.1787	P	0.4
5	☐	125.000	118.782	799949.35	0.4291	P	5.2
6	☐	250.000	255.115	1640831.96	0.9209	P	9.8
7	☐	500.000	502.364	3386419.91	1.8130	A	0.6
8	☐	1000.000	998.347	6540397.33	3.6024	A	1.0
9	☐			11157.86	0.0075	P	2.1

$$y = 0.0036 * x + 5.4054\text{E-}004$$

$$R = 1.0000$$

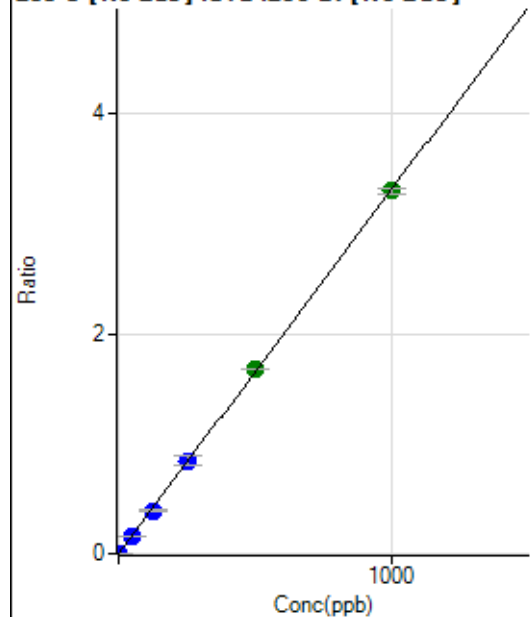
$$DL = 0.02122$$

$$BEC = 0.1498$$

Weight: <None>

Min Conc: 0

238 U [No Gas] ISTD :209 Bi [No Gas]



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐	0.000	0.000	63.89	0.0000	P	75.1
2	☐	0.100					
3	☐	1.000	0.920	5279.16	0.0031	P	4.0
4	☐	50.000	48.866	279425.26	0.1617	P	0.4
5	☐	125.000	117.556	725191.60	0.3889	P	4.7
6	☐	250.000	254.131	1497788.00	0.8407	P	9.9
7	☐	500.000	506.890	3132191.35	1.6769	A	0.2
8	☐	1000.000	996.509	5984844.62	3.2966	A	1.6
9	☐			213.90	0.0001	P	55.5

$$y = 0.0033 * x + 3.8921E-005$$

$$R = 0.9999$$

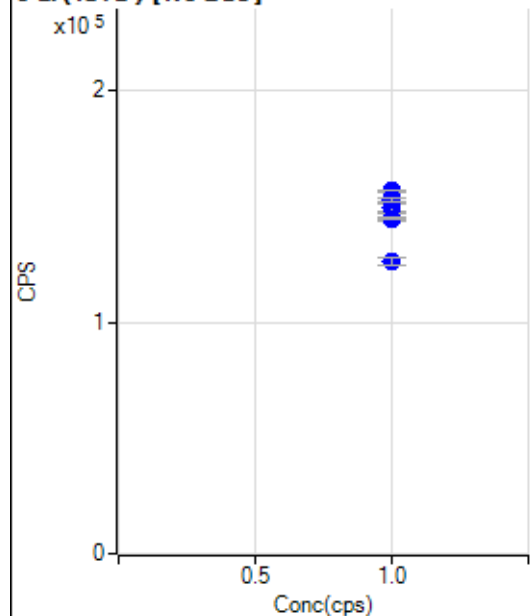
$$DL = 0.02649$$

$$BEC = 0.01177$$

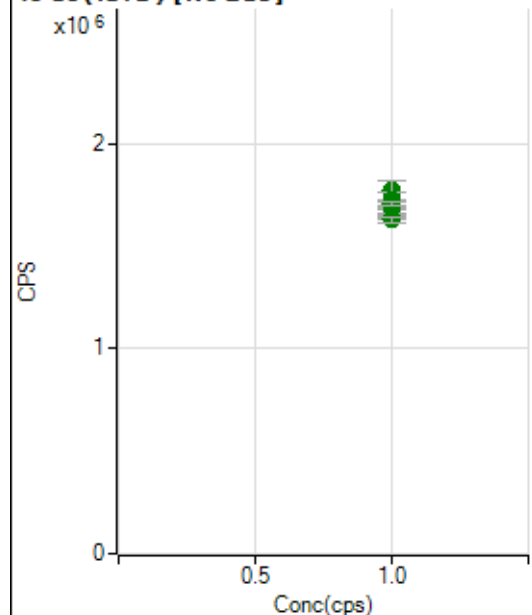
Weight: <None>

Min Conc: 0

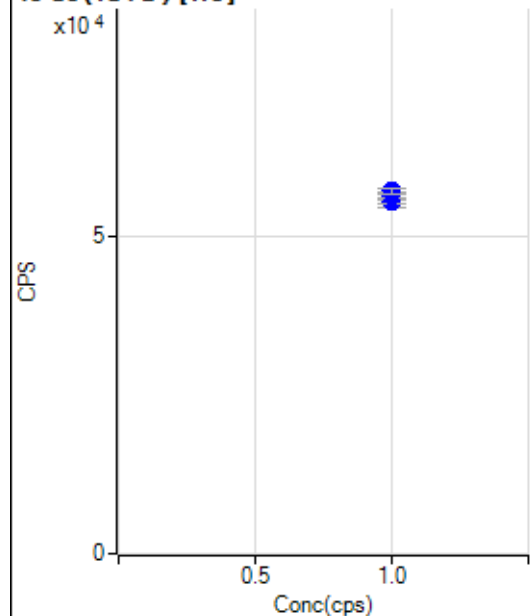
6 Li (ISTD) [No Gas]



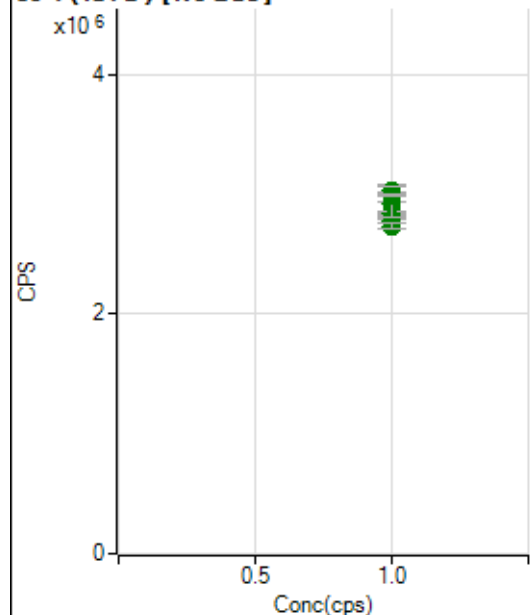
	R _j ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐	1.000		156694.68		P	0.7
2	☐	1.000					
3	☐	1.000		147524.60		P	0.3
4	☐	1.000		145325.10		P	1.9
5	☐	1.000		153902.76		P	3.5
6	☐	1.000		149630.50		P	5.9
7	☐	1.000		152578.88		P	0.9
8	☐	1.000		144836.55		P	0.8
9	☐	1.000		126217.84		P	2.1

45 Sc (ISTD) [No Gas]

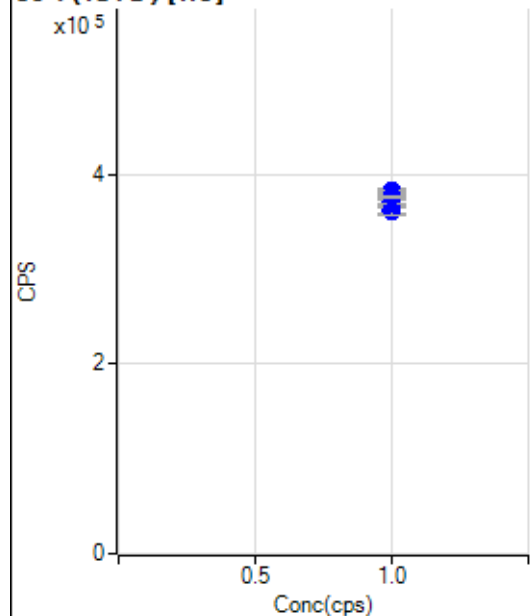
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐	1.000		1637212.42		A	0.9
2	☐	1.000					
3	☐	1.000		1687554.27		A	0.5
4	☐	1.000		1656582.92		A	0.5
5	☐	1.000		1770562.04		A	5.9
6	☐	1.000		1705495.32		A	7.1
7	☐	1.000		1724950.06		A	0.5
8	☐	1.000		1711584.00		A	1.0
9	☐	1.000		1631745.64		A	1.9

45 Sc (ISTD) [He]

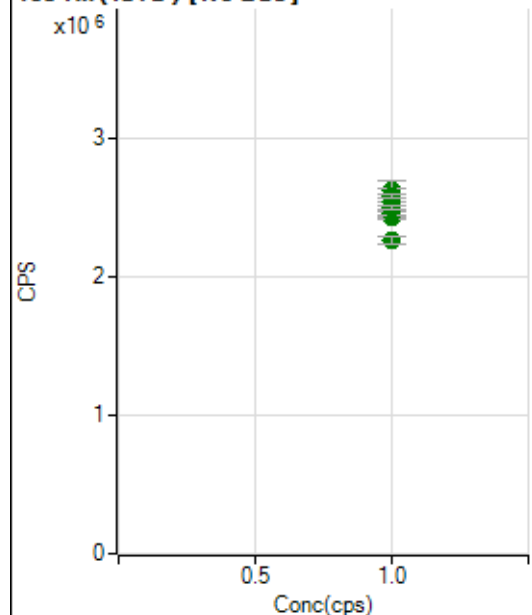
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐	1.000		55586.30		P	1.3
2	☐	1.000					
3	☐	1.000		55284.07		P	3.0
4	☐	1.000		55463.64		P	1.6
5	☐	1.000		56209.73		P	2.0
6	☐	1.000		56374.94		P	0.8
7	☐	1.000		56895.82		P	0.4
8	☐	1.000		56959.40		P	0.3
9	☐	1.000		57144.65		P	1.3

89 Y (ISTD) [No Gas]

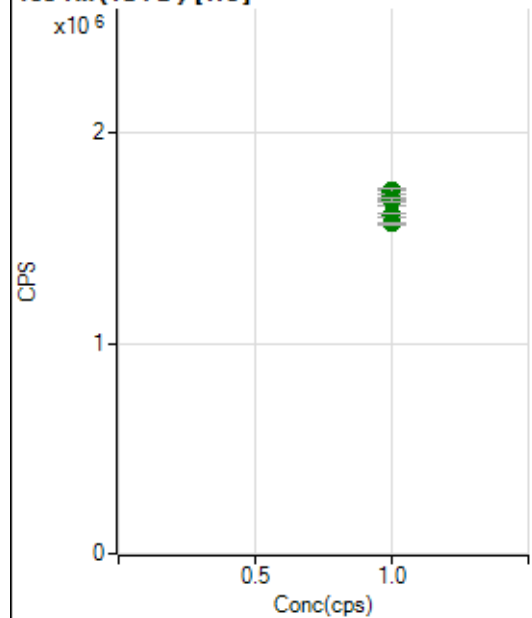
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐	1.000		2769325.44		A	1.1
2	☐	1.000					
3	☐	1.000		2829104.82		A	0.7
4	☐	1.000		2831747.56		A	1.8
5	☐	1.000		3005028.26		A	4.8
6	☐	1.000		2914592.56		A	7.0
7	☐	1.000		3025144.71		A	2.2
8	☐	1.000		2986030.69		A	0.4
9	☐	1.000		2731518.88		A	2.2

89 Y (ISTD) [He]

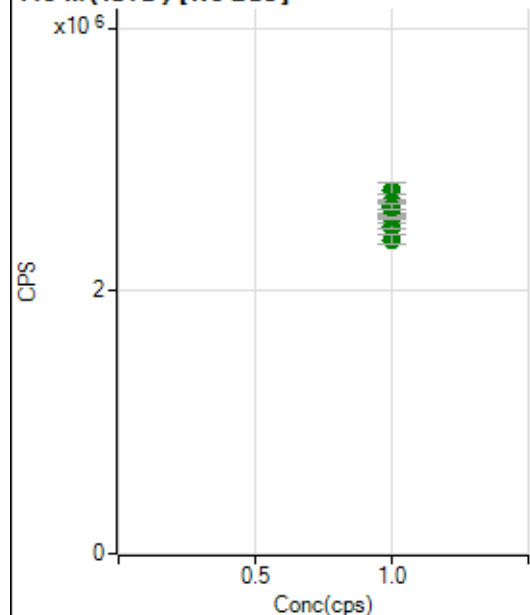
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐	1.000		361629.55		P	1.7
2	☐	1.000					
3	☐	1.000		362779.94		P	2.5
4	☐	1.000		368914.65		P	0.8
5	☐	1.000		371721.84		P	1.3
6	☐	1.000		380270.78		P	1.2
7	☐	1.000		383032.77		P	1.3
8	☐	1.000		382267.64		P	0.7
9	☐	1.000		377103.43		P	0.7

103 Rh (ISTD) [No Gas]

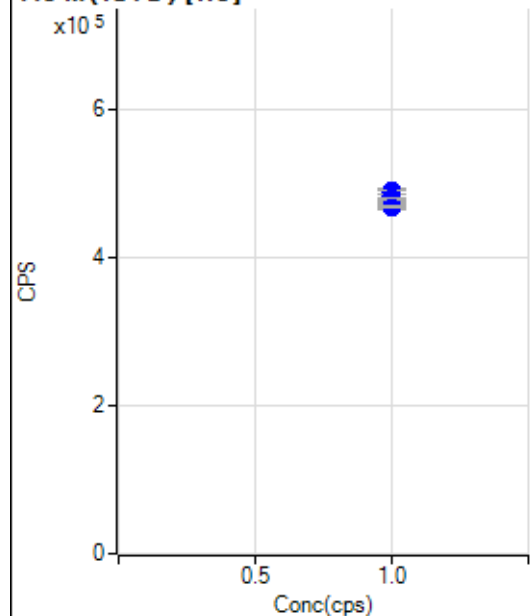
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐	1.000		2427950.01		A	0.4
2	☐	1.000					
3	☐	1.000		2504640.83		A	0.9
4	☐	1.000		2460200.68		A	1.3
5	☐	1.000		2624729.25		A	5.5
6	☐	1.000		2544760.82		A	7.6
7	☐	1.000		2585746.13		A	0.7
8	☐	1.000		2504403.27		A	1.0
9	☐	1.000		2263829.35		A	2.3

103 Rh (ISTD) [He]

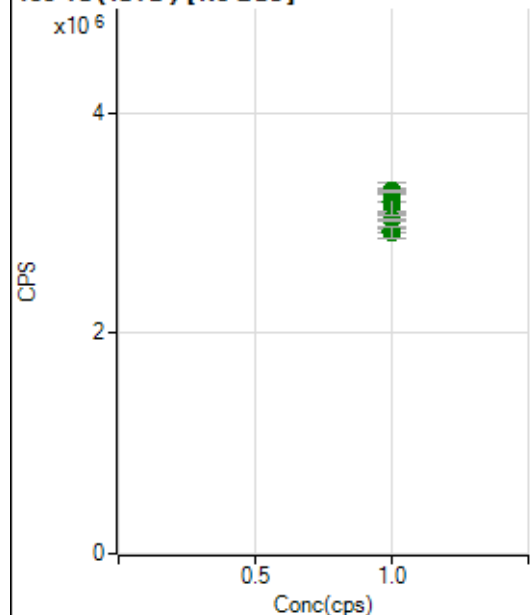
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐	1.000		1611570.55		A	1.3
2	☐	1.000					
3	☐	1.000		1669937.06		A	2.2
4	☐	1.000		1686887.35		A	1.1
5	☐	1.000		1697315.56		A	1.6
6	☐	1.000		1718926.47		A	1.2
7	☐	1.000		1725564.49		A	1.7
8	☐	1.000		1685453.08		A	1.0
9	☐	1.000		1568928.95		A	1.0

115 In (ISTD) [No Gas]

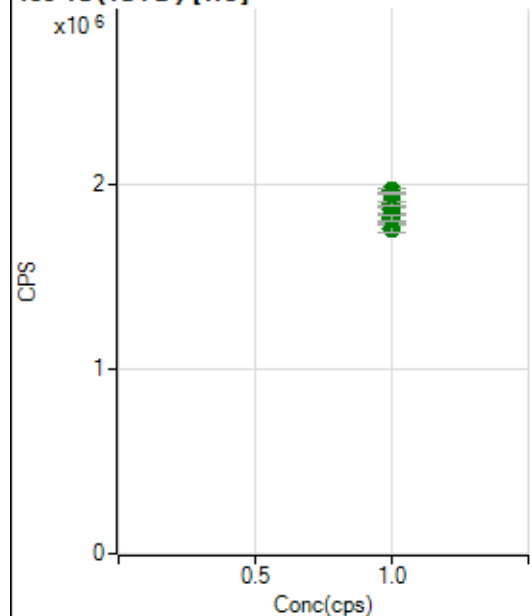
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐	1.000		2495646.68		A	2.0
2	☐	1.000					
3	☐	1.000		2578361.54		A	0.7
4	☐	1.000		2567165.24		A	0.2
5	☐	1.000		2762267.47		A	4.9
6	☐	1.000		2644932.31		A	7.5
7	☐	1.000		2683150.80		A	0.8
8	☐	1.000		2642381.44		A	1.8
9	☐	1.000		2391224.70		A	2.9

115 In (ISTD) [He]

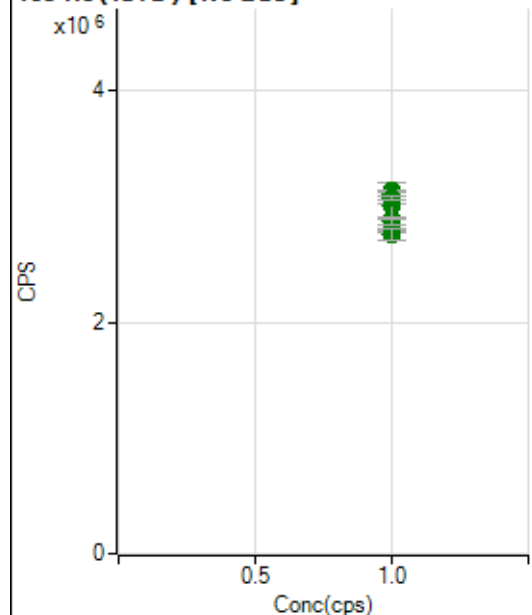
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐	1.000		469829.70		P	1.0
2	☐	1.000					
3	☐	1.000		469822.09		P	2.2
4	☐	1.000		476062.10		P	1.6
5	☐	1.000		482034.67		P	1.6
6	☐	1.000		489214.25		P	1.8
7	☐	1.000		488389.74		P	1.0
8	☐	1.000		478489.99		P	0.9
9	☐	1.000		467914.18		P	0.5

159 Tb (ISTD) [No Gas]

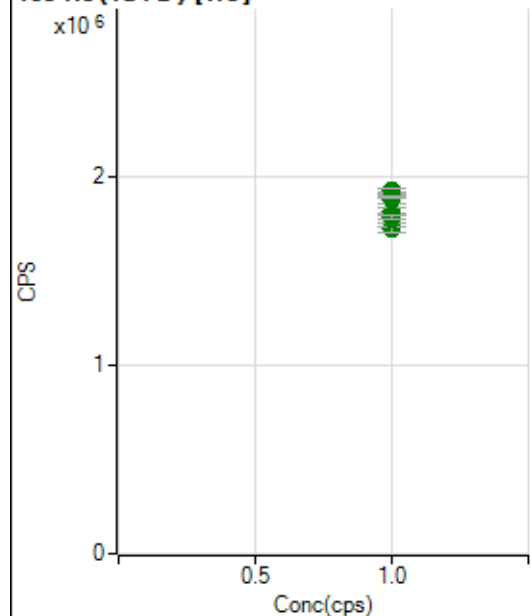
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐	1.000		2930454.78		A	1.3
2	☐	1.000					
3	☐	1.000		3101476.45		A	0.8
4	☐	1.000		3034335.16		A	0.8
5	☐	1.000		3283430.96		A	5.1
6	☐	1.000		3193078.01		A	7.9
7	☐	1.000		3295229.05		A	1.7
8	☐	1.000		3292174.53		A	0.6
9	☐	1.000		2918753.08		A	3.7

159 Tb (ISTD) [He]

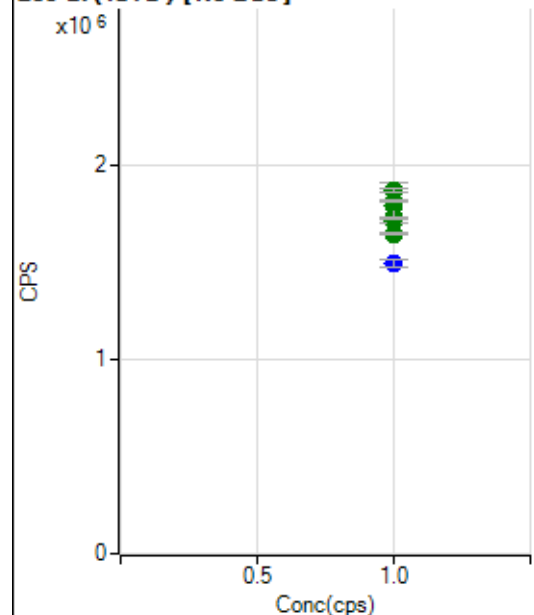
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐	1.000		1760595.81		A	2.3
2	☐	1.000					
3	☐	1.000		1810559.31		A	2.4
4	☐	1.000		1863866.24		A	1.9
5	☐	1.000		1895356.38		A	0.9
6	☐	1.000		1962382.23		A	1.6
7	☐	1.000		1966598.13		A	1.3
8	☐	1.000		1951549.23		A	0.7
9	☐	1.000		1822525.13		A	1.7

165 Ho (ISTD) [No Gas]

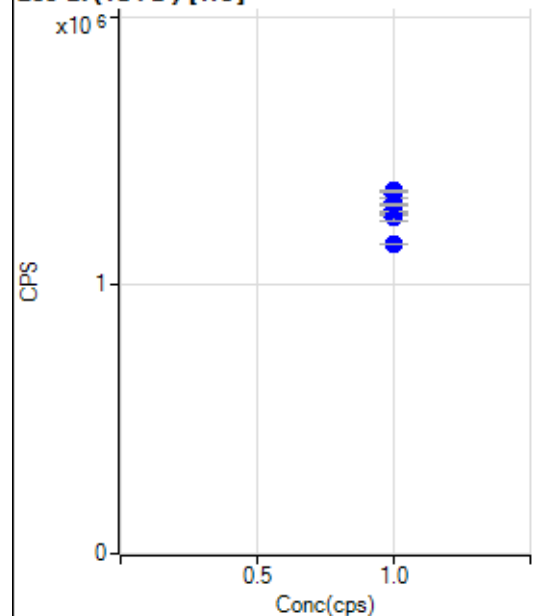
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐	1.000		2782342.97		A	0.7
2	☐	1.000					
3	☐	1.000		2894268.27		A	0.6
4	☐	1.000		2867492.06		A	1.7
5	☐	1.000		3112297.46		A	5.6
6	☐	1.000		3009033.60		A	7.2
7	☐	1.000		3132456.17		A	0.5
8	☐	1.000		3077365.95		A	1.2
9	☐	1.000		2760846.48		A	3.5

165 Ho (ISTD) [He]

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐	1.000		1717800.53		A	2.0
2	☐	1.000					
3	☐	1.000		1776844.12		A	2.3
4	☐	1.000		1817792.52		A	1.6
5	☐	1.000		1880460.30		A	2.3
6	☐	1.000		1909311.29		A	0.8
7	☐	1.000		1923356.01		A	1.8
8	☐	1.000		1890708.98		A	0.7
9	☐	1.000		1781472.65		A	1.4

209 Bi (ISTD) [No Gas]

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐	1.000		1648005.72		A	0.9
2	☐	1.000					
3	☐	1.000		1712308.59		A	0.9
4	☐	1.000		1728152.09		A	0.4
5	☐	1.000		1867291.64		A	4.6
6	☐	1.000		1791117.35		A	8.1
7	☐	1.000		1867899.31		A	0.9
8	☐	1.000		1815555.67		A	0.5
9	☐	1.000		1496527.27		P	3.0

209 Bi (ISTD) [He]

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐	1.000		1251866.37		P	1.5
2	☐	1.000					
3	☐	1.000		1251468.45		P	2.3
4	☐	1.000		1284928.08		P	1.4
5	☐	1.000		1313915.29		P	2.1
6	☐	1.000		1338002.65		P	1.5
7	☐	1.000		1351820.00		P	0.2
8	☐	1.000		1302715.08		P	0.7
9	☐	1.000		1153396.60		P	0.3

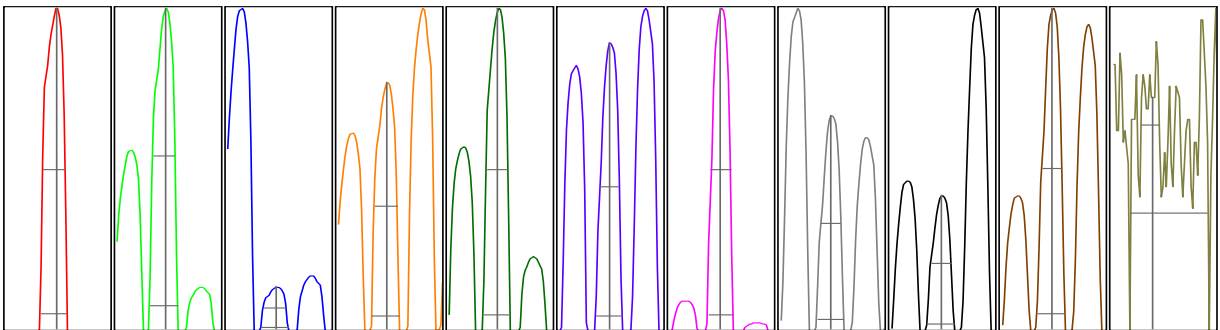
US EPA Tune Check Sample Report

Batch Folder D:\P8041019-MS.b
Report Comment
Instrument Name G8403A JP17141814

[No Gas]				
Mass	Count (Mean)	RSD% (Actual)	RSD% (Required)	RSD% (Flag)
9	1495	2.03	5.00	
24	34816	1.93	5.00	
25	4787	1.83	5.00	
26	5972	1.47	5.00	
59	23623	1.05	5.00	
113	3255	0.53	5.00	
115	39184	1.48	5.00	
206	7023	0.30	5.00	
207	6277	0.89	5.00	
208	15129	0.94	5.00	
220	1	14.16		

Mass	Replicate 1 Count	Replicate 2 Count	Replicate 3 Count	Replicate 4 Count	Replicate 5 Count
9	1448	1508	1526	1484	1511
24	33713	34748	35096	35032	35490
25	4650	4774	4801	4827	4886
26	5840	5929	6039	6003	6050
59	23285	23572	23839	23523	23894
113	3229	3252	3269	3251	3273
115	38655	38539	39260	39590	39878
206	7025	7039	7045	7013	6993
207	6354	6289	6288	6203	6252
208	15162	15237	15281	15025	14942
220	1	1	1	1	1

Integration Time [sec] = 0.1



Mass	Peak Height	Axis (Actual)	Axis (Required)	Axis (Flag)	Width-X% (Actual)	Width-X% (Required)	Width- X% (Flag)
9	2504	9.00	8.9 - 9.1		0.781	0.900	
24	57566	23.95	23.9 - 24.1		0.811	0.900	
25	7857	24.95	24.9 - 25.1		0.776	0.900	
26	9842	25.95	25.9 - 26.1		0.784	0.900	
59	40420	58.95	58.9 - 59.1		0.777	0.900	
113	5979	113.00	112.9 - 113.1		0.766	0.900	
115	72296	115.00	114.9 - 115.1		0.733	0.900	
206	12624	206.00	205.9 - 206.1		0.781	0.900	
207	11343	207.00	206.9 - 207.1		0.781	0.900	
208	27186	208.00	207.9 - 208.1		0.808	0.900	
220	1	219.70	-		2.191		

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
Plasma Mode		HMI	Aerosol Dilution		HMI-8			

Lenses Parameters

ParameterName	Value	Unit	ParameterName	Value	Unit	ParameterName	Value	Unit
Extract 1	0.0	V	Omega Lens	12.7	V	Deflect	14.4	V
Extract 2	-250.0	V	Cell Entrance	-30	V	Plate Bias	-35	V
Omega Bias	-120	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	200	V			

[He]

Mass	Count (Mean)	RSD% (Actual)	RSD% (Required)
59	7742	0.23	
89	12837	0.62	
205	8537	0.47	

Mass	Replicate 1 Count	Replicate 2 Count	Replicate 3 Count	Replicate 4 Count	Replicate 5 Count
59	7759	7762	7735	7734	7721
89	12875	12804	12924	12865	12717
205	8544	8516	8584	8563	8481

Integration Time [sec] = 0.1

Tune Parameters

Plasma Paramters

ParameterName	Value	Unit	ParameterName	Value	Unit	ParameterName	Value	Unit
Plasma Mode		HMI	Aerosol Dilution		HMI-8			

Lenses Parameters

ParameterName	Value	Unit	ParameterName	Value	Unit	ParameterName	Value	Unit
Extract 1	0.0	V	Omega Lens	12.7	V	Deflect	2.6	V
Extract 2	-250.0	V	Cell Entrance	-40	V	Plate Bias	-60	V
Omega Bias	-120	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	5.0	mL/min	OctP RF	200	V			

LB Number :	LB102011	Operator :	Jaswal
Lab Sample ID :	S00	Instrumnet Name :	P8
Client Sample ID :	S00	Dilution Factor :	1
Date & Time Acquired ::	2019-04-10 12:07:01	DataFile Name :	003CALB.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	0.62	0.89	-1.51	0.00	N/A	ppb
Antimony	121-1	-0.01	-0.01	0.01	0.00	N/A	ppb
Arsenic	75-2	0.00	0.00	0.01	0.00	N/A	ppb
Barium	135-1	-0.01	-0.01	0.02	0.00	N/A	ppb
Barium	137-1	0.01	-0.01	0.01	0.00	N/A	ppb
Beryllium	9-1	0.03	0.00	-0.04	0.00	N/A	ppb
Bismuth	209-1				100		%
Bismuth	209-2				100		%
Boron	10-1	-0.06	0.13	-0.07	0.00	N/A	ppb
Boron	11-1	-0.09	0.08	0.01	0.00	N/A	ppb
Cadmium	111-1	-0.13	0.25	-0.12	0.00	N/A	ppb
Cadmium	106-1	-1.60	3.43	-1.83	0.00	N/A	ppb
Cadmium	108-1	0.08	0.00	-0.09	0.00	N/A	ppb
Calcium	43-1	-1.77	16.30	-14.52	0.00	N/A	ppb
Calcium	44-1	-2.09	-0.08	2.17	0.00	N/A	ppb
Chromium	52-2	-0.02	0.01	0.00	0.00	N/A	ppb
Cobalt	59-2	-0.01	0.00	0.00	0.00	N/A	ppb
Copper	63-2	-0.02	0.05	-0.03	0.00	N/A	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				100		%
Holmium	165-2				100		%
Indium	115-1				100		%
Indium	115-2				100		%
Iron	56-2	-0.28	0.33	-0.05	0.00	N/A	ppb
Iron	57-2	-0.25	0.46	-0.22	0.00	N/A	ppb
Krypton	83-1						cps
Lead	206-1	-0.05	0.04	0.01	0.00	N/A	ppb
Lead	207-1	0.00	-0.01	0.01	0.00	N/A	ppb
Lead	208-1	-0.01	0.00	0.00	0.00	N/A	ppb
Lithium	6-1				100		%
Magnesium	24-2	-0.43	0.58	-0.16	0.00	N/A	ppb

LB Number :	LB102011	Operator :	Jaswal
Lab Sample ID :	S00	Instrumnet Name :	P8
Client Sample ID :	S00	Dilution Factor :	1
Date & Time Acquired ::	2019-04-10 12:07:01	DataFile Name :	003CALB.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	0.02	-0.01	0.00	0.00	N/A	ppb
Molybdenum	94-1	0.03	-0.03	-0.01	0.00	N/A	ppb
Molybdenum	95-1	-0.01	0.00	0.01	0.00	N/A	ppb
Molybdenum	96-1	-0.02	0.00	0.02	0.00	N/A	ppb
Molybdenum	97-1	-0.02	-0.01	0.02	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	-0.03	0.03	0.00	0.00	N/A	ppb
Phosphorus	31-2	-13.51	-31.53	-31.62	-25.55		ppb
Potassium	39-2	6.23	-7.24	1.01	0.00	N/A	ppb
Rhodium	103-1				100		%
Rhodium	103-2				100		%
Scandium	45-1				100		%
Scandium	45-2				100		%
Selenium	77-2	2.91	-1.46	-1.46	0.00	N/A	ppb
Selenium	78-2	-0.26	-0.26	0.52	0.00	N/A	ppb
Selenium	82-1	1.86	-2.70	0.85	0.00	N/A	ppb
Silicon	28-1	-62.00	12.84	49.16	0.00	N/A	ppb
Silver	109-1	-0.01	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	-4.49	2.54	1.95	0.00	N/A	ppb
Strontium	86-1	-0.06	-0.04	0.10	0.00	N/A	ppb
Strontium	88-1	0.00	0.00	0.00	0.00	N/A	ppb
Sulfur	34-1	340.47	617.88	1475.03	811.13	72.92	ppb
Terbium	159-1				100		%
Terbium	159-2				100		%
Thallium	203-1	-0.01	-0.01	0.02	0.00	N/A	ppb
Thallium	205-1	-0.01	0.01	0.00	0.00	N/A	ppb
Tin	118-1	-0.01	0.01	0.00	0.00	N/A	ppb
Titanium	47-1	0.01	0.21	-0.22	0.00	N/A	ppb
Uranium	238-1	-0.01	0.00	0.01	0.00	N/A	ppb
Vanadium	51-2	0.00	0.01	-0.01	0.00	N/A	ppb
Yttrium	89-1				100		%
Yttrium	89-2				100		%
Zinc	66-2	0.00	-0.01	0.01	0.00	N/A	ppb

LB Number :	LB102011	Operator :	Jaswal
Lab Sample ID :	S00	Instrumnet Name :	P8
Client Sample ID :	S00	Dilution Factor :	1
Date & Time Acquired ::	2019-04-10 12:07:01	DataFile Name :	003CALB.d

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

LB Number :	LB102011	Operator :	Jaswal
Lab Sample ID :	S02	Instrumnet Name :	P8
Client Sample ID :	S02	Dilution Factor :	1
Date & Time Acquired ::	2019-04-10 12:18:12	DataFile Name :	006CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	14.24	12.38	14.84	13.82	9.27	ppb
Antimony	121-1	2.08	1.84	1.83	1.92	7.34	ppb
Arsenic	75-2	1.00	0.97	0.85	0.94	8.44	ppb
Barium	135-1	9.97	9.63	9.92	9.84	1.90	ppb
Barium	137-1	10.25	9.94	10.35	10.18	2.08	ppb
Beryllium	9-1	0.77	1.04	1.05	0.95	16.89	ppb
Bismuth	209-1				104		%
Bismuth	209-2				100		%
Boron	10-1	23.59	22.42	22.08	22.69	3.49	ppb
Boron	11-1	24.68	26.39	25.40	25.49	3.38	ppb
Cadmium	111-1	0.55	0.76	0.80	0.70	19.24	ppb
Cadmium	106-1	-3.28	-0.79	-1.90	-1.99		ppb
Cadmium	108-1	0.90	0.82	1.61	1.11	39.53	ppb
Calcium	43-1	449.22	438.84	398.08	428.71	6.31	ppb
Calcium	44-1	454.87	448.24	444.85	449.32	1.13	ppb
Chromium	52-2	1.92	2.10	1.81	1.95	7.62	ppb
Cobalt	59-2	1.07	0.96	0.88	0.97	9.48	ppb
Copper	63-2	2.05	2.04	2.00	2.03	1.38	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				104		%
Holmium	165-2				103		%
Indium	115-1				103		%
Indium	115-2				100		%
Iron	56-2	54.50	53.54	50.43	52.82	4.02	ppb
Iron	57-2	53.14	59.03	52.27	54.82	6.71	ppb
Krypton	83-1						cps
Lead	206-1	0.93	0.96	1.09	0.99	8.57	ppb
Lead	207-1	0.88	0.91	0.94	0.91	3.26	ppb
Lead	208-1	0.91	0.92	0.96	0.93	2.89	ppb
Lithium	6-1				94		%
Magnesium	24-2	565.64	507.39	507.73	526.92	6.36	ppb

LB Number :	LB102011	Operator :	Jaswal
Lab Sample ID :	S02	Instrumnet Name :	P8
Client Sample ID :	S02	Dilution Factor :	1
Date & Time Acquired ::	2019-04-10 12:18:12	DataFile Name :	006CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	0.98	1.12	0.84	0.98	14.20	ppb
Molybdenum	94-1	4.92	5.02	4.99	4.98	1.03	ppb
Molybdenum	95-1	4.75	5.13	5.12	5.00	4.28	ppb
Molybdenum	96-1	5.07	5.09	5.07	5.08	0.25	ppb
Molybdenum	97-1	4.99	4.64	5.01	4.88	4.24	ppb
Molybdenum	98-1	4.90	5.22	5.20	5.11	3.48	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.97	0.99	0.98	0.98	1.22	ppb
Phosphorus	31-2	8.50	54.35	13.81	25.55	98.14	ppb
Potassium	39-2	503.41	482.10	437.70	474.40	7.07	ppb
Rhodium	103-1				103		%
Rhodium	103-2				104		%
Scandium	45-1				103		%
Scandium	45-2				99		%
Selenium	77-2	3.04	9.53	7.08	6.55	50.08	ppb
Selenium	78-2	6.20	4.93	4.41	5.18	17.76	ppb
Selenium	82-1	2.40	5.15	3.40	3.65	38.12	ppb
Silicon	28-1	-86.69	-132.64	-79.08	-99.47		ppb
Silver	109-1	0.98	1.00	1.02	1.00	1.92	ppb
Silver	107-1	1.12	1.19	1.04	1.12	6.46	ppb
Sodium	23-2	516.67	504.45	464.41	495.18	5.52	ppb
Strontium	86-1	1.02	0.96	0.77	0.92	14.38	ppb
Strontium	88-1	0.92	0.98	0.97	0.96	3.34	ppb
Sulfur	34-1	-952.41	-1067.55	-413.43	-811.13		ppb
Terbium	159-1				106		%
Terbium	159-2				103		%
Thallium	203-1	1.10	0.92	1.01	1.01	8.89	ppb
Thallium	205-1	0.94	1.04	0.96	0.98	5.87	ppb
Tin	118-1	4.79	4.92	4.96	4.89	1.78	ppb
Titanium	47-1	4.33	4.04	3.71	4.03	7.70	ppb
Uranium	238-1	0.91	0.96	0.89	0.92	4.09	ppb
Vanadium	51-2	4.83	4.91	5.20	4.98	3.93	ppb
Yttrium	89-1				102		%
Yttrium	89-2				100		%
Zinc	66-2	2.26	2.02	1.87	2.05	9.56	ppb

LB Number :	LB102011	Operator :	Jaswal
Lab Sample ID :	S02	Instrumnet Name :	P8
Client Sample ID :	S02	Dilution Factor :	1
Date & Time Acquired ::	2019-04-10 12:18:12	DataFile Name :	006CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	90-1	0.87	0.87	0.93	0.89	3.83	ppb
Zirconium	91-1	1.01	0.88	0.94	0.94	7.13	ppb

LB Number : LB102011 Operator : Jaswal
 Lab Sample ID : S03 Instrumnet Name : P8
 Client Sample ID : S03 Dilution Factor : 1
 Date & Time Acquired :: 2019-04-10 12:22:06 DataFile Name : 007CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	962.77	985.08	961.79	969.88	1.36	ppb
Antimony	121-1	49.82	51.48	50.08	50.46	1.77	ppb
Arsenic	75-2	50.10	50.65	50.84	50.53	0.76	ppb
Barium	135-1	252.34	251.78	250.27	251.46	0.43	ppb
Barium	137-1	251.06	247.76	252.28	250.37	0.93	ppb
Beryllium	9-1	50.99	50.81	51.68	51.16	0.90	ppb
Bismuth	209-1				105		%
Bismuth	209-2				103		%
Boron	10-1	55.41	54.49	48.84	52.91	6.72	ppb
Boron	11-1	49.58	48.55	51.71	49.95	3.22	ppb
Cadmium	111-1	52.72	51.81	51.31	51.94	1.37	ppb
Cadmium	106-1	52.32	46.69	46.57	48.53	6.77	ppb
Cadmium	108-1	53.00	52.92	53.60	53.17	0.70	ppb
Calcium	43-1	4885.50	4869.83	4844.12	4866.49	0.43	ppb
Calcium	44-1	5007.92	4879.72	4921.83	4936.49	1.32	ppb
Chromium	52-2	51.54	52.14	49.53	51.07	2.68	ppb
Cobalt	59-2	52.05	51.99	50.14	51.39	2.11	ppb
Copper	63-2	104.90	105.25	100.60	103.58	2.50	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				103		%
Holmium	165-2				106		%
Indium	115-1				103		%
Indium	115-2				101		%
Iron	56-2	2626.98	2634.66	2589.01	2616.88	0.93	ppb
Iron	57-2	2544.21	2590.51	2483.68	2539.47	2.11	ppb
Krypton	83-1						cps
Lead	206-1	50.24	50.01	49.67	49.98	0.58	ppb
Lead	207-1	50.86	50.13	49.82	50.27	1.07	ppb
Lead	208-1	49.60	49.37	49.17	49.38	0.43	ppb
Lithium	6-1				93		%
Magnesium	24-2	5365.99	5407.91	5290.21	5354.70	1.11	ppb

LB Number :	LB102011	Operator :	Jaswal
Lab Sample ID :	S03	Instrumnet Name :	P8
Client Sample ID :	S03	Dilution Factor :	1
Date & Time Acquired ::	2019-04-10 12:22:06	DataFile Name :	007CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	100.51	105.13	101.26	102.30	2.42	ppb
Molybdenum	94-1	257.71	247.90	248.80	251.47	2.16	ppb
Molybdenum	95-1	260.47	246.66	250.47	252.53	2.82	ppb
Molybdenum	96-1	257.69	241.86	246.47	248.67	3.27	ppb
Molybdenum	97-1	255.56	238.46	246.96	246.99	3.46	ppb
Molybdenum	98-1	254.53	241.65	245.20	247.13	2.69	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	53.88	53.12	52.28	53.09	1.50	ppb
Phosphorus	31-2	1146.79	756.76	844.60	916.05	22.33	ppb
Potassium	39-2	2489.87	2467.10	2357.97	2438.31	2.89	ppb
Rhodium	103-1				101		%
Rhodium	103-2				105		%
Scandium	45-1				101		%
Scandium	45-2				100		%
Selenium	77-2	48.20	46.29	32.71	42.40	19.92	ppb
Selenium	78-2	50.70	55.37	50.14	52.07	5.52	ppb
Selenium	82-1	52.16	49.61	48.27	50.01	3.96	ppb
Silicon	28-1	99.70	80.01	0.57	60.09	87.34	ppb
Silver	109-1	51.38	51.02	50.90	51.10	0.49	ppb
Silver	107-1	51.35	51.60	51.37	51.44	0.27	ppb
Sodium	23-2	5236.36	5310.88	5094.30	5213.85	2.11	ppb
Strontium	86-1	52.09	49.10	50.53	50.57	2.96	ppb
Strontium	88-1	51.62	48.96	49.88	50.15	2.69	ppb
Sulfur	34-1	2243.41	2064.65	2455.10	2254.39	8.67	ppb
Terbium	159-1				104		%
Terbium	159-2				106		%
Thallium	203-1	49.66	48.12	48.82	48.86	1.58	ppb
Thallium	205-1	49.78	48.26	48.87	48.97	1.56	ppb
Tin	118-1	50.95	50.33	50.13	50.47	0.85	ppb
Titanium	47-1	252.55	246.41	248.32	249.09	1.26	ppb
Uranium	238-1	48.75	49.10	48.74	48.87	0.42	ppb
Vanadium	51-2	50.92	51.17	49.89	50.66	1.35	ppb
Yttrium	89-1				102		%
Yttrium	89-2				102		%
Zinc	66-2	106.87	103.82	102.07	104.25	2.33	ppb

LB Number :	LB102011	Operator :	Jaswal
Lab Sample ID :	S03	Instrumnet Name :	P8
Client Sample ID :	S03	Dilution Factor :	1
Date & Time Acquired ::	2019-04-10 12:22:06	DataFile Name :	007CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	90-1	51.97	48.54	49.76	50.09	3.47	ppb
Zirconium	91-1	50.04	49.37	50.11	49.84	0.82	ppb

LB Number :	LB102011	Operator :	Jaswal
Lab Sample ID :	S04	Instrumnet Name :	P8
Client Sample ID :	S04	Dilution Factor :	1
Date & Time Acquired ::	2019-04-10 12:26:00	DataFile Name :	008CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	2351.59	2389.11	2430.95	2390.55	1.66	ppb
Antimony	121-1	112.13	121.66	126.45	120.08	6.07	ppb
Arsenic	75-2	122.29	128.50	125.28	125.35	2.48	ppb
Barium	135-1	560.65	601.77	627.49	596.64	5.65	ppb
Barium	137-1	565.70	610.56	636.25	604.17	5.91	ppb
Beryllium	9-1	119.08	124.64	125.09	122.94	2.72	ppb
Bismuth	209-1				113		%
Bismuth	209-2				105		%
Boron	10-1	113.89	116.93	119.08	116.63	2.23	ppb
Boron	11-1	113.43	125.30	120.17	119.63	4.98	ppb
Cadmium	111-1	115.70	124.52	129.17	123.13	5.55	ppb
Cadmium	106-1	114.11	116.58	124.87	118.52	4.76	ppb
Cadmium	108-1	113.15	124.81	132.18	123.38	7.78	ppb
Calcium	43-1	10626.34	12088.62	12149.82	11621.59	7.42	ppb
Calcium	44-1	11047.18	12250.47	12435.49	11911.05	6.33	ppb
Chromium	52-2	123.91	126.64	126.45	125.67	1.21	ppb
Cobalt	59-2	123.87	126.88	127.68	126.14	1.59	ppb
Copper	63-2	251.14	257.44	255.07	254.55	1.25	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				112		%
Holmium	165-2				109		%
Indium	115-1				111		%
Indium	115-2				103		%
Iron	56-2	6346.08	6387.97	6420.58	6384.88	0.58	ppb
Iron	57-2	6264.65	6388.89	6422.34	6358.63	1.31	ppb
Krypton	83-1						cps
Lead	206-1	112.46	120.53	124.37	119.12	5.10	ppb
Lead	207-1	113.46	121.04	123.51	119.33	4.39	ppb
Lead	208-1	111.86	120.73	123.76	118.78	5.21	ppb
Lithium	6-1				98		%
Magnesium	24-2	12765.24	13113.52	13096.39	12991.71	1.51	ppb

LB Number :	LB102011	Operator :	Jaswal
Lab Sample ID :	S04	Instrumnet Name :	P8
Client Sample ID :	S04	Dilution Factor :	1
Date & Time Acquired ::	2019-04-10 12:26:00	DataFile Name :	008CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	248.80	255.30	255.02	253.04	1.45	ppb
Molybdenum	94-1	577.00	629.02	626.31	610.78	4.79	ppb
Molybdenum	95-1	577.06	627.38	625.53	609.99	4.68	ppb
Molybdenum	96-1	567.95	619.86	620.17	602.66	4.99	ppb
Molybdenum	97-1	563.31	612.41	612.76	596.16	4.77	ppb
Molybdenum	98-1	566.94	620.34	621.91	603.06	5.19	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	128.09	127.18	131.30	128.86	1.68	ppb
Phosphorus	31-2	2527.27	2508.21	2607.11	2547.53	2.06	ppb
Potassium	39-2	5873.88	5981.91	6009.07	5954.95	1.20	ppb
Rhodium	103-1				108		%
Rhodium	103-2				105		%
Scandium	45-1				108		%
Scandium	45-2				101		%
Selenium	77-2	139.73	110.47	106.39	118.86	15.30	ppb
Selenium	78-2	121.95	134.01	123.39	126.45	5.21	ppb
Selenium	82-1	113.89	125.56	126.19	121.88	5.68	ppb
Silicon	28-1	-612.01	-57.02	97.75	-190.43		ppb
Silver	109-1	117.13	124.60	129.77	123.83	5.13	ppb
Silver	107-1	115.26	122.23	129.71	122.40	5.90	ppb
Sodium	23-2	12721.48	13322.39	13236.22	13093.37	2.48	ppb
Strontium	86-1	113.67	125.85	122.86	120.79	5.26	ppb
Strontium	88-1	113.84	125.15	125.36	121.45	5.43	ppb
Sulfur	34-1	-3533.97	2023.68	1934.25	141.32	2252.53	ppb
Terbium	159-1				112		%
Terbium	159-2				108		%
Thallium	203-1	111.74	119.97	120.11	117.27	4.08	ppb
Thallium	205-1	112.85	120.27	122.82	118.64	4.37	ppb
Tin	118-1	112.03	121.34	126.57	119.98	6.14	ppb
Titanium	47-1	554.50	611.53	619.54	595.19	5.96	ppb
Uranium	238-1	111.29	119.84	121.54	117.56	4.67	ppb
Vanadium	51-2	123.32	124.63	125.76	124.57	0.98	ppb
Yttrium	89-1				109		%
Yttrium	89-2				103		%
Zinc	66-2	246.76	256.75	259.76	254.42	2.67	ppb

LB Number :	LB102011	Operator :	Jaswal
Lab Sample ID :	S04	Instrumnet Name :	P8
Client Sample ID :	S04	Dilution Factor :	1
Date & Time Acquired ::	2019-04-10 12:26:00	DataFile Name :	008CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	90-1	112.91	123.33	124.76	120.33	5.38	ppb
Zirconium	91-1	114.04	125.76	123.82	121.20	5.18	ppb

LB Number :	LB102011	Operator :	Jaswal
Lab Sample ID :	S05	Instrumnet Name :	P8
Client Sample ID :	S05	Dilution Factor :	1
Date & Time Acquired ::	2019-04-10 12:29:52	DataFile Name :	009CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	4854.11	4705.47	4688.70	4749.43	1.92	ppb
Antimony	121-1	247.61	236.17	280.01	254.59	8.93	ppb
Arsenic	75-2	252.90	250.42	245.89	249.74	1.42	ppb
Barium	135-1	1239.98	1175.47	1399.41	1271.62	9.07	ppb
Barium	137-1	1248.79	1191.98	1437.19	1292.65	9.93	ppb
Beryllium	9-1	247.56	242.17	273.20	254.31	6.52	ppb
Bismuth	209-1				109		%
Bismuth	209-2				107		%
Boron	10-1	242.08	259.91	264.96	255.65	4.70	ppb
Boron	11-1	245.85	237.29	265.26	249.46	5.74	ppb
Cadmium	111-1	253.34	241.77	284.73	259.94	8.55	ppb
Cadmium	106-1	263.83	246.71	283.90	264.81	7.03	ppb
Cadmium	108-1	246.53	247.00	299.83	264.45	11.59	ppb
Calcium	43-1	23774.63	22926.90	26695.70	24465.74	8.08	ppb
Calcium	44-1	23950.12	23405.29	27462.92	24939.44	8.83	ppb
Chromium	52-2	255.53	251.33	253.32	253.39	0.83	ppb
Cobalt	59-2	256.53	249.77	251.31	252.54	1.40	ppb
Copper	63-2	515.06	510.92	506.46	510.81	0.84	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				108		%
Holmium	165-2				111		%
Indium	115-1				106		%
Indium	115-2				104		%
Iron	56-2	12724.78	12720.04	12624.56	12689.79	0.45	ppb
Iron	57-2	13001.34	12644.72	12542.12	12729.39	1.89	ppb
Krypton	83-1						cps
Lead	206-1	247.48	238.03	283.65	256.39	9.39	ppb
Lead	207-1	246.89	238.29	287.26	257.48	10.15	ppb
Lead	208-1	246.03	235.97	283.34	255.11	9.78	ppb
Lithium	6-1				95		%
Magnesium	24-2	26471.59	25754.97	25782.13	26002.89	1.56	ppb

LB Number :	LB102011	Operator :	Jaswal
Lab Sample ID :	S05	Instrumnet Name :	P8
Client Sample ID :	S05	Dilution Factor :	1
Date & Time Acquired ::	2019-04-10 12:29:52	DataFile Name :	009CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	510.22	500.38	501.65	504.08	1.06	ppb
Molybdenum	94-1	1242.82	1213.76	1404.48	1287.02	7.98	ppb
Molybdenum	95-1	1242.91	1213.54	1430.04	1295.50	9.07	ppb
Molybdenum	96-1	1253.60	1238.24	1436.76	1309.53	8.43	ppb
Molybdenum	97-1	1224.74	1184.66	1377.66	1262.36	8.07	ppb
Molybdenum	98-1	1241.53	1207.45	1419.15	1289.38	8.82	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	257.33	255.61	256.11	256.35	0.35	ppb
Phosphorus	31-2	5118.47	5254.11	5176.40	5182.99	1.31	ppb
Potassium	39-2	12071.01	11834.51	11761.25	11888.92	1.36	ppb
Rhodium	103-1				105		%
Rhodium	103-2				107		%
Scandium	45-1				104		%
Scandium	45-2				101		%
Selenium	77-2	221.16	223.22	211.92	218.76	2.75	ppb
Selenium	78-2	253.55	246.67	272.88	257.70	5.27	ppb
Selenium	82-1	250.65	243.93	278.96	257.85	7.21	ppb
Silicon	28-1	36.82	-114.45	754.81	225.73	205.73	ppb
Silver	109-1	250.13	240.48	281.98	257.53	8.43	ppb
Silver	107-1	251.55	243.96	282.80	259.43	7.93	ppb
Sodium	23-2	26592.91	25806.92	25787.41	26062.41	1.76	ppb
Strontium	86-1	244.30	241.29	280.38	255.32	8.52	ppb
Strontium	88-1	250.37	248.66	286.52	261.85	8.17	ppb
Sulfur	34-1	3165.37	1400.10	9098.67	4554.71	88.54	ppb
Terbium	159-1				109		%
Terbium	159-2				111		%
Thallium	203-1	242.03	235.44	282.83	253.43	10.13	ppb
Thallium	205-1	247.58	237.97	283.50	256.35	9.36	ppb
Tin	118-1	247.67	238.71	281.99	256.12	8.92	ppb
Titanium	47-1	1227.38	1189.50	1399.53	1272.14	8.80	ppb
Uranium	238-1	244.77	234.96	282.67	254.13	9.92	ppb
Vanadium	51-2	254.24	249.87	248.11	250.74	1.26	ppb
Yttrium	89-1				105		%
Yttrium	89-2				105		%
Zinc	66-2	508.34	515.34	504.11	509.26	1.11	ppb

LB Number :	LB102011	Operator :	Jaswal
Lab Sample ID :	S05	Instrumnet Name :	P8
Client Sample ID :	S05	Dilution Factor :	1
Date & Time Acquired ::	2019-04-10 12:29:52	DataFile Name :	009CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	90-1	246.90	239.60	280.35	255.62	8.50	ppb
Zirconium	91-1	246.32	242.34	280.62	256.42	8.21	ppb

LB Number :	LB102011	Operator :	Jaswal
Lab Sample ID :	S06	Instrumnet Name :	P8
Client Sample ID :	S06	Dilution Factor :	1
Date & Time Acquired ::	2019-04-10 12:33:40	DataFile Name :	010CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	9391.01	9420.79	9400.02	9403.94	0.16	ppb
Antimony	121-1	500.83	509.93	513.45	508.07	1.28	ppb
Arsenic	75-2	504.70	493.16	505.00	500.95	1.35	ppb
Barium	135-1	2508.85	2554.68	2604.15	2555.89	1.86	ppb
Barium	137-1	2507.78	2552.04	2617.94	2559.25	2.17	ppb
Beryllium	9-1	501.93	497.00	501.05	499.99	0.53	ppb
Bismuth	209-1				113		%
Bismuth	209-2				108		%
Boron	10-1	501.19	485.89	499.75	495.61	1.70	ppb
Boron	11-1	478.86	487.25	509.45	491.85	3.21	ppb
Cadmium	111-1	508.68	507.82	518.29	511.60	1.14	ppb
Cadmium	106-1	506.28	503.91	516.03	508.74	1.26	ppb
Cadmium	108-1	504.55	508.01	508.32	506.96	0.41	ppb
Calcium	43-1	48092.05	48312.35	48743.03	48382.48	0.68	ppb
Calcium	44-1	48452.03	48715.68	49413.63	48860.45	1.02	ppb
Chromium	52-2	507.23	501.11	504.30	504.21	0.61	ppb
Cobalt	59-2	500.23	498.78	503.77	500.93	0.51	ppb
Copper	63-2	1007.52	1007.84	1020.04	1011.80	0.71	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				113		%
Holmium	165-2				112		%
Indium	115-1				108		%
Indium	115-2				104		%
Iron	56-2	25027.09	25392.76	25515.30	25311.72	1.00	ppb
Iron	57-2	25263.56	25089.22	25611.39	25321.39	1.05	ppb
Krypton	83-1						cps
Lead	206-1	493.86	496.39	498.39	496.21	0.46	ppb
Lead	207-1	498.84	505.35	503.51	502.57	0.67	ppb
Lead	208-1	498.73	503.81	504.54	502.36	0.63	ppb
Lithium	6-1				97		%
Magnesium	24-2	52467.25	52229.19	51935.52	52210.65	0.51	ppb

LB Number :	LB102011	Operator :	Jaswal
Lab Sample ID :	S06	Instrumnet Name :	P8
Client Sample ID :	S06	Dilution Factor :	1
Date & Time Acquired ::	2019-04-10 12:33:40	DataFile Name :	010CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	1002.77	997.68	1018.52	1006.32	1.08	ppb
Molybdenum	94-1	2488.33	2478.68	2596.45	2521.15	2.59	ppb
Molybdenum	95-1	2494.34	2490.30	2602.20	2528.95	2.51	ppb
Molybdenum	96-1	2477.81	2524.14	2553.43	2518.46	1.51	ppb
Molybdenum	97-1	2517.07	2496.04	2604.26	2539.12	2.26	ppb
Molybdenum	98-1	2464.92	2484.78	2560.82	2503.51	2.02	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	506.35	509.96	515.01	510.44	0.85	ppb
Phosphorus	31-2	10490.90	9941.16	10604.93	10345.66	3.43	ppb
Potassium	39-2	23918.06	23562.19	24065.35	23848.53	1.08	ppb
Rhodium	103-1				106		%
Rhodium	103-2				107		%
Scandium	45-1				105		%
Scandium	45-2				102		%
Selenium	77-2	481.64	512.18	495.72	496.51	3.08	ppb
Selenium	78-2	516.13	488.67	513.27	506.03	2.98	ppb
Selenium	82-1	497.17	494.64	515.44	502.42	2.26	ppb
Silicon	28-1	384.83	370.41	509.98	421.74	18.20	ppb
Silver	109-1	515.36	509.58	523.61	516.18	1.37	ppb
Silver	107-1	508.13	512.70	521.79	514.21	1.35	ppb
Sodium	23-2	50936.49	50781.29	50625.06	50780.95	0.31	ppb
Strontium	86-1	497.32	503.96	510.98	504.09	1.36	ppb
Strontium	88-1	504.85	508.49	519.02	510.79	1.44	ppb
Sulfur	34-1	8421.71	8042.23	7885.86	8116.60	3.39	ppb
Terbium	159-1				112		%
Terbium	159-2				112		%
Thallium	203-1	490.92	494.90	498.72	494.85	0.79	ppb
Thallium	205-1	504.46	506.16	511.97	507.53	0.78	ppb
Tin	118-1	498.05	498.80	513.80	503.55	1.76	ppb
Titanium	47-1	2491.78	2487.69	2516.51	2498.66	0.62	ppb
Uranium	238-1	506.03	506.66	507.98	506.89	0.20	ppb
Vanadium	51-2	502.37	497.22	507.12	502.24	0.99	ppb
Yttrium	89-1				109		%
Yttrium	89-2				106		%
Zinc	66-2	1011.39	999.34	1038.42	1016.38	1.97	ppb

LB Number :	LB102011	Operator :	Jaswal
Lab Sample ID :	S06	Instrumnet Name :	P8
Client Sample ID :	S06	Dilution Factor :	1
Date & Time Acquired ::	2019-04-10 12:33:40	DataFile Name :	010CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	90-1	496.21	500.73	518.39	505.11	2.32	ppb
Zirconium	91-1	494.11	498.64	509.52	500.76	1.58	ppb

LB Number :	LB102011	Operator :	Jaswal
Lab Sample ID :	S07	Instrumnet Name :	P8
Client Sample ID :	S07	Dilution Factor :	1
Date & Time Acquired ::	2019-04-10 12:37:21	DataFile Name :	011CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	18570.56	18418.85	18566.00	18518.47	0.47	ppb
Antimony	121-1	992.71	1000.47	993.04	995.41	0.44	ppb
Arsenic	75-2	1008.61	996.90	993.05	999.52	0.81	ppb
Barium	135-1	5001.03	4938.04	4971.30	4970.12	0.63	ppb
Barium	137-1	4984.40	4974.32	4928.16	4962.30	0.60	ppb
Beryllium	9-1	999.23	993.43	1004.72	999.13	0.56	ppb
Bismuth	209-1				110		%
Bismuth	209-2				104		%
Boron	10-1	968.16	1035.96	1001.11	1001.74	3.38	ppb
Boron	11-1	986.20	1004.37	1024.04	1004.87	1.88	ppb
Cadmium	111-1	995.47	994.15	985.94	991.85	0.52	ppb
Cadmium	106-1	1005.96	978.13	994.35	992.81	1.41	ppb
Cadmium	108-1	1004.12	985.84	988.90	992.95	0.99	ppb
Calcium	43-1	96487.75	96711.65	95963.71	96387.70	0.40	ppb
Calcium	44-1	96407.36	97535.01	97269.49	97070.62	0.61	ppb
Chromium	52-2	1001.29	993.60	995.83	996.91	0.40	ppb
Cobalt	59-2	1003.39	987.73	1004.94	998.69	0.95	ppb
Copper	63-2	1994.86	1993.51	1983.57	1990.65	0.31	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				111		%
Holmium	165-2				110		%
Indium	115-1				106		%
Indium	115-2				102		%
Iron	56-2	50489.92	49416.25	49886.06	49930.74	1.08	ppb
Iron	57-2	50426.54	49559.27	49889.12	49958.31	0.88	ppb
Krypton	83-1						cps
Lead	206-1	997.74	1003.34	1002.01	1001.03	0.29	ppb
Lead	207-1	1008.16	997.12	987.35	997.54	1.04	ppb
Lead	208-1	1007.97	999.77	987.30	998.35	1.04	ppb
Lithium	6-1				92		%
Magnesium	24-2	101979.19	98511.27	100927.14	100472.53	1.77	ppb

LB Number :	LB102011	Operator :	Jaswal
Lab Sample ID :	S07	Instrumnet Name :	P8
Client Sample ID :	S07	Dilution Factor :	1
Date & Time Acquired ::	2019-04-10 12:37:21	DataFile Name :	011CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	2011.15	1993.78	1981.04	1995.32	0.76	ppb
Molybdenum	94-1	4936.48	4971.50	5037.64	4981.87	1.03	ppb
Molybdenum	95-1	4957.94	4952.65	5017.12	4975.90	0.72	ppb
Molybdenum	96-1	4963.84	4956.45	5015.95	4978.75	0.65	ppb
Molybdenum	97-1	4930.79	4994.19	5018.34	4981.11	0.91	ppb
Molybdenum	98-1	4940.64	5013.19	5020.03	4991.29	0.88	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	998.88	983.00	995.79	992.55	0.85	ppb
Phosphorus	31-2	20103.16	19703.78	19532.09	19779.68	1.48	ppb
Potassium	39-2	47182.95	48043.40	48011.11	47745.82	1.02	ppb
Rhodium	103-1				103		%
Rhodium	103-2				105		%
Scandium	45-1				105		%
Scandium	45-2				102		%
Selenium	77-2	1024.29	1012.33	995.46	1010.69	1.43	ppb
Selenium	78-2	960.85	1011.55	1011.93	994.78	2.95	ppb
Selenium	82-1	988.26	994.75	1008.67	997.23	1.05	ppb
Silicon	28-1	1084.04	1146.00	1025.60	1085.22	5.55	ppb
Silver	109-1	989.72	993.95	986.68	990.12	0.37	ppb
Silver	107-1	991.56	992.68	988.13	990.79	0.24	ppb
Sodium	23-2	100571.66	99158.20	100248.02	99992.63	0.74	ppb
Strontium	86-1	989.15	1004.93	997.29	997.12	0.79	ppb
Strontium	88-1	987.96	990.08	998.20	992.08	0.55	ppb
Sulfur	34-1	21072.40	22159.03	20623.98	21285.14	3.71	ppb
Terbium	159-1				112		%
Terbium	159-2				111		%
Thallium	203-1	1009.60	1001.37	997.25	1002.74	0.63	ppb
Thallium	205-1	1000.88	991.68	993.92	995.49	0.48	ppb
Tin	118-1	992.76	989.81	1009.33	997.30	1.05	ppb
Titanium	47-1	5017.68	5005.76	4973.29	4998.91	0.46	ppb
Uranium	238-1	1011.55	979.44	998.54	996.51	1.62	ppb
Vanadium	51-2	1004.49	993.72	997.93	998.72	0.54	ppb
Yttrium	89-1				108		%
Yttrium	89-2				106		%
Zinc	66-2	1997.89	1992.03	1976.26	1988.73	0.56	ppb

LB Number :	LB102011	Operator :	Jaswal
Lab Sample ID :	S07	Instrumnet Name :	P8
Client Sample ID :	S07	Dilution Factor :	1
Date & Time Acquired ::	2019-04-10 12:37:21	DataFile Name :	011CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	90-1	1001.33	987.58	1000.95	996.62	0.79	ppb
Zirconium	91-1	992.39	994.29	1008.82	998.50	0.90	ppb

LB Number :	LB102011	Operator :	Jaswal
Lab Sample ID :	S08	Instrumnet Name :	P8
Client Sample ID :	S08	Dilution Factor :	1
Date & Time Acquired ::	2019-04-10 12:40:56	DataFile Name :	012CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	98411.02	99922.51	102780.91	100371.48	2.21	ppb
Antimony	121-1	1.10	1.26	1.18	1.18	6.71	ppb
Arsenic	75-2	1.60	1.69	2.02	1.77	12.60	ppb
Barium	135-1	0.81	0.65	0.66	0.70	12.68	ppb
Barium	137-1	0.66	0.57	0.63	0.62	7.76	ppb
Beryllium	9-1	0.22	0.10	0.05	0.12	69.48	ppb
Bismuth	209-1				91		%
Bismuth	209-2				92		%
Boron	10-1	25.01	21.21	22.96	23.06	8.25	ppb
Boron	11-1	23.40	21.56	19.89	21.62	8.12	ppb
Cadmium	111-1	0.17	0.13	0.07	0.12	41.37	ppb
Cadmium	106-1	1.62	0.91	0.84	1.12	38.79	ppb
Cadmium	108-1	0.25	0.00	0.09	0.11	109.21	ppb
Calcium	43-1	491445.10	516494.02	494863.75	500934.29	2.71	ppb
Calcium	44-1	490683.75	512293.88	499177.18	500718.27	2.17	ppb
Chromium	52-2	7.20	7.16	7.03	7.13	1.20	ppb
Cobalt	59-2	11.73	11.65	11.91	11.77	1.13	ppb
Copper	63-2	4.11	4.17	4.30	4.19	2.38	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				99		%
Holmium	165-2				104		%
Indium	115-1				96		%
Indium	115-2				100		%
Iron	56-2	248372.02	247070.65	254463.28	249968.65	1.58	ppb
Iron	57-2	246020.80	247046.05	256818.00	249961.62	2.38	ppb
Krypton	83-1						cps
Lead	206-1	2.10	2.04	2.03	2.06	1.72	ppb
Lead	207-1	1.77	1.64	1.89	1.76	7.16	ppb
Lead	208-1	1.87	1.92	1.96	1.92	2.25	ppb
Lithium	6-1				81		%
Magnesium	24-2	492607.57	497500.68	508747.00	499618.42	1.66	ppb

LB Number :	LB102011	Operator :	Jaswal
Lab Sample ID :	S08	Instrumnet Name :	P8
Client Sample ID :	S08	Dilution Factor :	1
Date & Time Acquired ::	2019-04-10 12:40:56	DataFile Name :	012CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	8.22	7.41	7.63	7.75	5.40	ppb
Molybdenum	94-1	2.42	2.47	2.31	2.40	3.42	ppb
Molybdenum	95-1	2.89	3.04	2.61	2.84	7.68	ppb
Molybdenum	96-1	3.48	3.40	3.00	3.29	7.79	ppb
Molybdenum	97-1	2.87	2.87	2.62	2.79	5.02	ppb
Molybdenum	98-1	3.00	2.78	2.67	2.81	5.93	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	12.43	11.74	12.60	12.26	3.74	ppb
Phosphorus	31-2	-14.25	-5.49	-32.17	-17.30		ppb
Potassium	39-2	247764.06	247409.47	256640.22	250604.58	2.09	ppb
Rhodium	103-1				93		%
Rhodium	103-2				97		%
Scandium	45-1				100		%
Scandium	45-2				103		%
Selenium	77-2	-1.46	4.85	-1.46	0.65	561.95	ppb
Selenium	78-2	0.77	1.49	0.44	0.90	59.43	ppb
Selenium	82-1	-1.81	1.60	-0.05	-0.09		ppb
Silicon	28-1	344.51	559.62	386.29	430.14	26.52	ppb
Silver	109-1	0.18	0.19	0.12	0.17	22.20	ppb
Silver	107-1	0.13	0.12	0.20	0.15	29.70	ppb
Sodium	23-2	493441.67	494374.72	511743.48	499853.29	2.06	ppb
Strontium	86-1	3.92	4.13	3.91	3.99	3.15	ppb
Strontium	88-1	4.38	4.61	4.34	4.44	3.31	ppb
Sulfur	34-1	-9697.56	-8444.10	-10002.05	-9381.24		ppb
Terbium	159-1				100		%
Terbium	159-2				104		%
Thallium	203-1	0.10	0.06	0.06	0.07	33.60	ppb
Thallium	205-1	0.12	0.07	0.08	0.09	30.48	ppb
Tin	118-1	0.64	0.76	0.57	0.66	14.23	ppb
Titanium	47-1	0.07	0.16	-0.33	-0.03		ppb
Uranium	238-1	0.06	0.02	0.02	0.03	76.51	ppb
Vanadium	51-2	0.27	0.26	0.27	0.27	0.55	ppb
Yttrium	89-1				99		%
Yttrium	89-2				104		%
Zinc	66-2	17.53	17.93	18.72	18.06	3.35	ppb

LB Number :	LB102011	Operator :	Jaswal
Lab Sample ID :	S08	Instrumnet Name :	P8
Client Sample ID :	S08	Dilution Factor :	1
Date & Time Acquired ::	2019-04-10 12:40:56	DataFile Name :	012CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	90-1	0.21	0.18	0.15	0.18	15.95	ppb
Zirconium	91-1	0.26	0.23	0.33	0.27	19.04	ppb

LB Number :	LB102011	Operator :	Jaswal
Lab Sample ID :	ICV	Instrumnet Name :	P8
Client Sample ID :	ICV	Dilution Factor :	1
Date & Time Acquired ::	2019-04-10 13:00:29	DataFile Name :	013ICV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	500.81	497.26	502.45	500.18	0.53	ppb
Antimony	121-1	194.62	194.66	195.21	194.83	0.17	ppb
Arsenic	75-2	201.85	194.89	196.69	197.81	1.82	ppb
Barium	135-1	97.19	99.97	102.55	99.91	2.69	ppb
Barium	137-1	98.71	101.53	102.14	100.79	1.82	ppb
Beryllium	9-1	93.64	93.43	94.37	93.81	0.53	ppb
Bismuth	209-1				92		%
Bismuth	209-2				90		%
Boron	10-1	517.11	513.73	493.84	508.23	2.47	ppb
Boron	11-1	505.18	518.72	533.73	519.21	2.75	ppb
Cadmium	111-1	105.01	102.86	106.11	104.66	1.58	ppb
Cadmium	106-1	157.68	159.43	163.72	160.28	1.94	ppb
Cadmium	108-1	137.13	142.98	143.14	141.08	2.43	ppb
Calcium	43-1	2026.96	1941.23	2070.52	2012.90	3.27	ppb
Calcium	44-1	1949.51	1947.51	2019.44	1972.15	2.08	ppb
Chromium	52-2	97.63	95.81	95.84	96.43	1.08	ppb
Cobalt	59-2	98.58	97.41	98.01	98.00	0.60	ppb
Copper	63-2	99.39	98.63	98.95	98.99	0.38	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				95		%
Holmium	165-2				96		%
Indium	115-1				96		%
Indium	115-2				96		%
Iron	56-2	989.66	983.01	982.27	984.98	0.41	ppb
Iron	57-2	992.47	960.60	957.39	970.15	2.00	ppb
Krypton	83-1						cps
Lead	206-1	202.26	206.60	197.29	202.05	2.30	ppb
Lead	207-1	193.70	198.06	194.93	195.56	1.15	ppb
Lead	208-1	195.37	198.13	195.97	196.49	0.74	ppb
Lithium	6-1				89		%
Magnesium	24-2	1235.16	1244.47	1232.03	1237.22	0.52	ppb

LB Number :	LB102011	Operator :	Jaswal
Lab Sample ID :	ICV	Instrumnet Name :	P8
Client Sample ID :	ICV	Dilution Factor :	1
Date & Time Acquired ::	2019-04-10 13:00:29	DataFile Name :	013ICV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	96.45	96.39	96.37	96.40	0.04	ppb
Molybdenum	94-1	2579.16	2534.42	2545.12	2552.90	0.92	ppb
Molybdenum	95-1	2604.06	2523.52	2586.73	2571.44	1.65	ppb
Molybdenum	96-1	2640.21	2529.27	2600.72	2590.06	2.17	ppb
Molybdenum	97-1	2616.27	2585.50	2589.36	2597.04	0.65	ppb
Molybdenum	98-1	2600.50	2507.59	2549.46	2552.52	1.82	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	102.19	101.93	101.84	101.99	0.18	ppb
Phosphorus	31-2	7.20	-3.53	-41.39	-12.57		ppb
Potassium	39-2	1967.32	1916.49	1863.68	1915.83	2.70	ppb
Rhodium	103-1				98		%
Rhodium	103-2				98		%
Scandium	45-1				101		%
Scandium	45-2				100		%
Selenium	77-2	187.48	175.23	189.58	184.10	4.21	ppb
Selenium	78-2	219.74	206.44	200.43	208.87	4.73	ppb
Selenium	82-1	197.52	192.61	198.69	196.28	1.64	ppb
Silicon	28-1	139.26	39.76	334.53	171.18	87.60	ppb
Silver	109-1	102.36	100.38	101.97	101.57	1.03	ppb
Silver	107-1	101.96	102.40	104.85	103.07	1.51	ppb
Sodium	23-2	2120.98	2101.91	2052.36	2091.75	1.69	ppb
Strontium	86-1	481.10	476.70	479.62	479.14	0.47	ppb
Strontium	88-1	489.29	481.02	488.88	486.40	0.96	ppb
Sulfur	34-1	-9152.69	-11328.80	-9789.75	-10090.41		ppb
Terbium	159-1				96		%
Terbium	159-2				96		%
Thallium	203-1	197.26	202.34	197.25	198.95	1.48	ppb
Thallium	205-1	200.60	205.17	198.83	201.53	1.62	ppb
Tin	118-1	478.15	474.12	481.45	477.91	0.77	ppb
Titanium	47-1	2411.19	2352.64	2462.61	2408.82	2.28	ppb
Uranium	238-1	471.77	471.43	475.20	472.80	0.44	ppb
Vanadium	51-2	96.83	95.72	95.76	96.11	0.66	ppb
Yttrium	89-1				97		%
Yttrium	89-2				99		%
Zinc	66-2	196.64	196.87	194.61	196.04	0.63	ppb

LB Number :	LB102011	Operator :	Jaswal
Lab Sample ID :	ICV	Instrumnet Name :	P8
Client Sample ID :	ICV	Dilution Factor :	1
Date & Time Acquired ::	2019-04-10 13:00:29	DataFile Name :	013ICV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	90-1	486.65	482.98	493.59	487.74	1.10	ppb
Zirconium	91-1	477.04	468.66	483.03	476.24	1.52	ppb

LB Number : LB102011 Operator : Jaswal
 Lab Sample ID : ICB Instrumnet Name : P8
 Client Sample ID : ICB Dilution Factor : 1
 Date & Time Acquired :: 2019-04-10 13:11:36 DataFile Name : 014CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	0.22	-0.55	8.12	2.60	184.71	ppb
Antimony	121-1	0.02	0.04	0.02	0.02	54.44	ppb
Arsenic	75-2	0.05	0.05	0.08	0.06	25.29	ppb
Barium	135-1	0.06	0.01	0.05	0.04	76.57	ppb
Barium	137-1	0.03	-0.01	0.04	0.02	128.18	ppb
Beryllium	9-1	0.02	-0.03	0.05	0.01	345.72	ppb
Bismuth	209-1				90		%
Bismuth	209-2				85		%
Boron	10-1	3.10	1.88	3.63	2.87	31.29	ppb
Boron	11-1	3.70	4.15	4.65	4.16	11.48	ppb
Cadmium	111-1	-0.35	-0.20	0.00	-0.18		ppb
Cadmium	106-1	-5.05	-2.48	0.11	-2.47		ppb
Cadmium	108-1	0.27	0.19	-0.09	0.13	149.11	ppb
Calcium	43-1	5.80	28.93	0.75	11.83	127.04	ppb
Calcium	44-1	-0.91	13.20	10.57	7.62	98.46	ppb
Chromium	52-2	-0.02	0.04	-0.02	0.00		ppb
Cobalt	59-2	0.01	-0.02	0.07	0.02	202.75	ppb
Copper	63-2	0.03	0.03	0.16	0.07	102.70	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				94		%
Holmium	165-2				89		%
Indium	115-1				96		%
Indium	115-2				93		%
Iron	56-2	2.71	0.10	10.88	4.56	123.21	ppb
Iron	57-2	5.20	2.51	11.23	6.31	70.73	ppb
Krypton	83-1						cps
Lead	206-1	0.06	0.06	0.04	0.05	21.16	ppb
Lead	207-1	0.07	-0.05	0.08	0.03	220.06	ppb
Lead	208-1	0.05	0.02	0.03	0.04	46.20	ppb
Lithium	6-1				87		%
Magnesium	24-2	9.99	0.60	19.20	9.93	93.69	ppb

LB Number : LB102011 Operator : Jaswal
 Lab Sample ID : ICB Instrumnet Name : P8
 Client Sample ID : ICB Dilution Factor : 1
 Date & Time Acquired :: 2019-04-10 13:11:36 DataFile Name : 014CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	0.02	0.02	0.12	0.05	112.24	ppb
Molybdenum	94-1	0.11	0.02	0.15	0.09	69.37	ppb
Molybdenum	95-1	0.08	0.06	0.09	0.08	15.93	ppb
Molybdenum	96-1	0.10	0.04	0.07	0.07	45.44	ppb
Molybdenum	97-1	0.07	0.06	0.00	0.04	78.70	ppb
Molybdenum	98-1	0.12	0.04	0.05	0.07	61.83	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.05	0.02	0.11	0.06	72.75	ppb
Phosphorus	31-2	-40.10	-31.41	-50.45	-40.65		ppb
Potassium	39-2	5.72	14.88	13.69	11.43	43.57	ppb
Rhodium	103-1				96		%
Rhodium	103-2				95		%
Scandium	45-1				99		%
Scandium	45-2				97		%
Selenium	77-2	-1.46	-1.46	-1.46	-1.46		ppb
Selenium	78-2	1.03	0.17	0.96	0.72	66.49	ppb
Selenium	82-1	0.43	-1.54	-1.57	-0.89		ppb
Silicon	28-1	-64.72	332.74	111.54	126.52	157.40	ppb
Silver	109-1	0.06	0.05	0.03	0.05	32.49	ppb
Silver	107-1	0.03	0.04	0.08	0.05	50.36	ppb
Sodium	23-2	60.99	50.24	63.01	58.08	11.82	ppb
Strontium	86-1	-0.02	-0.07	-0.03	-0.04		ppb
Strontium	88-1	0.01	0.01	0.01	0.01	27.44	ppb
Sulfur	34-1	-10824.61	-7794.32	-9670.52	-9429.82		ppb
Terbium	159-1				95		%
Terbium	159-2				91		%
Thallium	203-1	0.00	0.02	0.00	0.00	289.83	ppb
Thallium	205-1	0.01	-0.01	0.02	0.01	157.78	ppb
Tin	118-1	0.05	0.00	0.07	0.04	79.50	ppb
Titanium	47-1	-0.81	0.21	0.16	-0.15		ppb
Uranium	238-1	0.01	-0.01	0.00	0.00		ppb
Vanadium	51-2	0.00	-0.01	0.05	0.01	271.52	ppb
Yttrium	89-1				97		%
Yttrium	89-2				94		%
Zinc	66-2	0.17	0.29	0.02	0.16	85.78	ppb

LB Number :	LB102011	Operator :	Jaswal
Lab Sample ID :	ICB	Instrumnet Name :	P8
Client Sample ID :	ICB	Dilution Factor :	1
Date & Time Acquired ::	2019-04-10 13:11:36	DataFile Name :	014CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	90-1	0.01	0.00	0.00	0.00	428.30	ppb
Zirconium	91-1	-0.02	0.03	-0.02	0.00		ppb

LB Number :	LB102011	Operator :	Jaswal
Lab Sample ID :	ICSA	Instrumnet Name :	P8
Client Sample ID :	ICSA	Dilution Factor :	1
Date & Time Acquired ::	2019-04-10 13:15:10	DataFile Name :	015ICSA.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	90100.50	91100.29	90199.48	90466.76	0.61	ppb
Antimony	121-1	1.35	1.38	1.38	1.37	1.37	ppb
Arsenic	75-2	0.38	0.45	0.38	0.41	9.98	ppb
Barium	135-1	1.78	1.68	1.74	1.73	2.89	ppb
Barium	137-1	1.54	1.91	1.90	1.78	11.74	ppb
Beryllium	9-1	0.45	0.32	0.26	0.34	28.56	ppb
Bismuth	209-1				99		%
Bismuth	209-2				94		%
Boron	10-1	2.77	5.17	4.84	4.26	30.48	ppb
Boron	11-1	3.93	4.42	3.95	4.10	6.77	ppb
Cadmium	111-1	0.12	0.37	0.09	0.19	81.76	ppb
Cadmium	106-1	-2.40	-2.14	-3.69	-2.74		ppb
Cadmium	108-1	10.30	7.95	7.80	8.68	16.13	ppb
Calcium	43-1	94685.22	96184.27	95380.64	95416.71	0.79	ppb
Calcium	44-1	95289.90	96141.54	95131.78	95521.07	0.57	ppb
Chromium	52-2	20.82	20.45	21.14	20.80	1.66	ppb
Cobalt	59-2	1.20	1.24	1.20	1.21	1.64	ppb
Copper	63-2	8.80	9.21	8.93	8.98	2.34	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				106		%
Holmium	165-2				104		%
Indium	115-1				105		%
Indium	115-2				102		%
Iron	56-2	102493.42	102185.64	101845.11	102174.72	0.32	ppb
Iron	57-2	102391.43	103888.16	103816.63	103365.41	0.82	ppb
Krypton	83-1						cps
Lead	206-1	5.08	5.36	4.90	5.11	4.53	ppb
Lead	207-1	4.29	4.36	4.42	4.36	1.54	ppb
Lead	208-1	4.59	4.77	4.61	4.66	2.08	ppb
Lithium	6-1				92		%
Magnesium	24-2	104139.90	104969.10	105574.38	104894.46	0.69	ppb

LB Number :	LB102011	Operator :	Jaswal
Lab Sample ID :	ICSA	Instrumnet Name :	P8
Client Sample ID :	ICSA	Dilution Factor :	1
Date & Time Acquired ::	2019-04-10 13:15:10	DataFile Name :	015ICSA.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	7.56	7.54	7.97	7.69	3.19	ppb
Molybdenum	94-1	1420.21	1424.89	1433.49	1426.20	0.47	ppb
Molybdenum	95-1	2063.76	2060.95	2035.47	2053.40	0.76	ppb
Molybdenum	96-1	1980.32	1953.61	1959.20	1964.37	0.72	ppb
Molybdenum	97-1	2001.74	2045.62	2049.53	2032.30	1.31	ppb
Molybdenum	98-1	2052.38	2007.92	1988.81	2016.37	1.62	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	5.45	6.01	5.58	5.68	5.16	ppb
Phosphorus	31-2	103484.08	104057.86	102032.87	103191.61	1.01	ppb
Potassium	39-2	99655.13	101052.76	100784.76	100497.55	0.74	ppb
Rhodium	103-1				101		%
Rhodium	103-2				101		%
Scandium	45-1				106		%
Scandium	45-2				102		%
Selenium	77-2	0.67	-1.46	-1.46	-0.75		ppb
Selenium	78-2	-0.28	0.79	0.44	0.32	170.51	ppb
Selenium	82-1	0.72	0.74	1.52	0.99	46.02	ppb
Silicon	28-1	-130.88	-17.07	-108.73	-85.56		ppb
Silver	109-1	0.52	0.51	0.56	0.53	4.57	ppb
Silver	107-1	0.45	0.60	0.57	0.54	14.30	ppb
Sodium	23-2	104739.40	104581.04	104676.94	104665.79	0.08	ppb
Strontium	86-1	34.44	34.89	35.28	34.87	1.21	ppb
Strontium	88-1	34.82	35.45	35.42	35.23	1.00	ppb
Sulfur	34-1	122483.06	126457.51	125237.90	124726.15	1.63	ppb
Terbium	159-1				105		%
Terbium	159-2				103		%
Thallium	203-1	0.06	0.13	0.06	0.08	51.04	ppb
Thallium	205-1	0.10	0.11	0.10	0.10	4.98	ppb
Tin	118-1	0.26	0.25	0.19	0.23	15.73	ppb
Titanium	47-1	2030.55	2047.02	2021.48	2033.02	0.64	ppb
Uranium	238-1	0.08	0.14	0.10	0.11	27.46	ppb
Vanadium	51-2	0.19	0.14	0.14	0.16	17.33	ppb
Yttrium	89-1				104		%
Yttrium	89-2				103		%
Zinc	66-2	12.42	13.06	11.72	12.40	5.41	ppb

LB Number :	LB102011	Operator :	Jaswal
Lab Sample ID :	ICSA	Instrumnet Name :	P8
Client Sample ID :	ICSA	Dilution Factor :	1
Date & Time Acquired ::	2019-04-10 13:15:10	DataFile Name :	015ICSA.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	90-1	0.13	0.15	0.13	0.14	7.41	ppb
Zirconium	91-1	0.16	0.09	0.10	0.12	32.11	ppb

LB Number :	LB102011	Operator :	Jaswal
Lab Sample ID :	ICSAB	Instrumnet Name :	P8
Client Sample ID :	ICSAB	Dilution Factor :	1
Date & Time Acquired ::	2019-04-10 13:18:36	DataFile Name :	016ICSB.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	86566.97	84010.87	89564.75	86714.20	3.21	ppb
Antimony	121-1	22.10	21.67	21.41	21.73	1.61	ppb
Arsenic	75-2	19.45	19.02	20.25	19.57	3.18	ppb
Barium	135-1	22.47	22.55	22.79	22.60	0.73	ppb
Barium	137-1	23.22	21.85	22.96	22.68	3.20	ppb
Beryllium	9-1	20.99	21.21	21.77	21.32	1.90	ppb
Bismuth	209-1				98		%
Bismuth	209-2				97		%
Boron	10-1	55.81	58.26	50.17	54.75	7.58	ppb
Boron	11-1	61.52	56.98	58.84	59.11	3.86	ppb
Cadmium	111-1	21.69	21.43	20.81	21.31	2.13	ppb
Cadmium	106-1	24.61	25.59	19.90	23.37	13.01	ppb
Cadmium	108-1	31.94	32.76	31.07	31.92	2.66	ppb
Calcium	43-1	97841.63	96858.64	97895.57	97531.95	0.60	ppb
Calcium	44-1	98108.90	97497.06	98354.12	97986.69	0.45	ppb
Chromium	52-2	39.22	38.89	40.61	39.57	2.30	ppb
Cobalt	59-2	21.23	20.50	21.63	21.12	2.73	ppb
Copper	63-2	28.61	28.11	30.53	29.08	4.38	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				104		%
Holmium	165-2				106		%
Indium	115-1				104		%
Indium	115-2				105		%
Iron	56-2	98444.20	94856.69	102111.89	98470.93	3.68	ppb
Iron	57-2	100952.30	97987.12	103756.95	100898.79	2.86	ppb
Krypton	83-1						cps
Lead	206-1	27.46	26.84	27.29	27.20	1.19	ppb
Lead	207-1	25.61	24.62	25.00	25.08	1.99	ppb
Lead	208-1	25.61	25.46	25.55	25.54	0.30	ppb
Lithium	6-1				89		%
Magnesium	24-2	101368.29	95838.36	104234.72	100480.46	4.25	ppb

LB Number :	LB102011	Operator :	Jaswal
Lab Sample ID :	ICSAB	Instrumnet Name :	P8
Client Sample ID :	ICSAB	Dilution Factor :	1
Date & Time Acquired ::	2019-04-10 13:18:36	DataFile Name :	016ICSB.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	26.66	26.51	28.61	27.26	4.30	ppb
Molybdenum	94-1	1574.61	1542.84	1562.32	1559.92	1.03	ppb
Molybdenum	95-1	2125.08	2109.49	2145.11	2126.56	0.84	ppb
Molybdenum	96-1	2060.63	2033.10	2029.33	2041.02	0.84	ppb
Molybdenum	97-1	2149.97	2098.25	2109.97	2119.40	1.28	ppb
Molybdenum	98-1	2123.74	2075.01	2068.91	2089.22	1.44	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	26.74	24.29	26.67	25.90	5.40	ppb
Phosphorus	31-2	97843.19	96355.85	101508.63	98569.23	2.69	ppb
Potassium	39-2	96885.62	93364.55	100196.97	96815.71	3.53	ppb
Rhodium	103-1				100		%
Rhodium	103-2				105		%
Scandium	45-1				103		%
Scandium	45-2				105		%
Selenium	77-2	19.19	18.49	19.43	19.04	2.55	ppb
Selenium	78-2	21.98	20.54	22.60	21.71	4.88	ppb
Selenium	82-1	21.11	20.90	20.83	20.94	0.69	ppb
Silicon	28-1	263.62	188.11	237.23	229.66	16.69	ppb
Silver	109-1	20.88	20.84	20.48	20.73	1.08	ppb
Silver	107-1	20.56	20.54	20.37	20.49	0.51	ppb
Sodium	23-2	101453.66	96196.90	103904.60	100518.39	3.92	ppb
Strontium	86-1	88.75	87.76	86.46	87.66	1.31	ppb
Strontium	88-1	89.30	87.22	87.89	88.14	1.20	ppb
Sulfur	34-1	129932.95	126682.35	126283.06	127632.79	1.57	ppb
Terbium	159-1				104		%
Terbium	159-2				106		%
Thallium	203-1	21.24	21.19	21.00	21.14	0.60	ppb
Thallium	205-1	22.01	21.71	21.69	21.80	0.83	ppb
Tin	118-1	54.80	54.61	52.68	54.03	2.17	ppb
Titanium	47-1	2135.27	2094.42	2128.94	2119.55	1.04	ppb
Uranium	238-1	53.73	53.03	52.88	53.21	0.85	ppb
Vanadium	51-2	20.03	19.32	20.73	20.03	3.54	ppb
Yttrium	89-1				104		%
Yttrium	89-2				107		%
Zinc	66-2	31.49	30.89	31.09	31.15	0.98	ppb

LB Number :	LB102011	Operator :	Jaswal
Lab Sample ID :	ICSAB	Instrumnet Name :	P8
Client Sample ID :	ICSAB	Dilution Factor :	1
Date & Time Acquired ::	2019-04-10 13:18:36	DataFile Name :	016ICSB.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	90-1	54.51	54.33	53.88	54.24	0.60	ppb
Zirconium	91-1	54.22	53.06	54.20	53.83	1.23	ppb

LB Number :	LB102011	Operator :	Jaswal
Lab Sample ID :	CCV073	Instrumnet Name :	P8
Client Sample ID :	CCV073	Dilution Factor :	1
Date & Time Acquired ::	2019-04-10 13:22:02	DataFile Name :	017CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	52350.57	52533.83	52293.92	52392.77	0.24	ppb
Antimony	121-1	522.49	528.90	524.60	525.33	0.62	ppb
Arsenic	75-2	524.44	517.18	514.24	518.62	1.01	ppb
Barium	135-1	2637.20	2660.72	2583.64	2627.19	1.50	ppb
Barium	137-1	2579.05	2656.19	2639.13	2624.79	1.54	ppb
Beryllium	9-1	528.89	522.02	519.17	523.36	0.95	ppb
Bismuth	209-1				97		%
Bismuth	209-2				95		%
Boron	10-1	510.75	528.94	536.62	525.44	2.53	ppb
Boron	11-1	510.58	529.71	523.50	521.26	1.87	ppb
Cadmium	111-1	508.06	517.47	510.34	511.96	0.96	ppb
Cadmium	106-1	512.81	515.33	528.92	519.02	1.67	ppb
Cadmium	108-1	513.58	500.80	516.25	510.21	1.62	ppb
Calcium	43-1	247113.88	244531.77	245058.61	245568.09	0.56	ppb
Calcium	44-1	242334.43	242317.07	239644.27	241431.92	0.64	ppb
Chromium	52-2	508.91	513.99	507.87	510.26	0.64	ppb
Cobalt	59-2	499.42	504.97	498.62	501.00	0.69	ppb
Copper	63-2	971.64	986.47	968.37	975.49	0.99	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				104		%
Holmium	165-2				106		%
Indium	115-1				102		%
Indium	115-2				100		%
Iron	56-2	127181.81	128209.58	127656.94	127682.78	0.40	ppb
Iron	57-2	129000.57	130468.48	128594.06	129354.37	0.76	ppb
Krypton	83-1						cps
Lead	206-1	516.79	523.61	520.76	520.39	0.66	ppb
Lead	207-1	525.90	521.87	526.60	524.79	0.49	ppb
Lead	208-1	517.74	521.72	523.02	520.83	0.53	ppb
Lithium	6-1				86		%
Magnesium	24-2	249902.82	253737.65	248180.94	250607.14	1.14	ppb

LB Number :	LB102011	Operator :	Jaswal
Lab Sample ID :	CCV073	Instrumnet Name :	P8
Client Sample ID :	CCV073	Dilution Factor :	1
Date & Time Acquired ::	2019-04-10 13:22:02	DataFile Name :	017CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	1018.10	1027.39	1019.39	1021.63	0.49	ppb
Molybdenum	94-1	2566.92	2575.28	2622.97	2588.39	1.17	ppb
Molybdenum	95-1	2565.96	2570.55	2601.95	2579.49	0.76	ppb
Molybdenum	96-1	2532.06	2572.35	2553.18	2552.53	0.79	ppb
Molybdenum	97-1	2527.75	2550.94	2585.37	2554.69	1.13	ppb
Molybdenum	98-1	2547.65	2546.71	2534.99	2543.12	0.28	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	495.14	510.45	500.31	501.97	1.55	ppb
Phosphorus	31-2	9904.23	10624.87	10441.11	10323.40	3.63	ppb
Potassium	39-2	123881.09	126299.02	125599.26	125259.79	0.99	ppb
Rhodium	103-1				99		%
Rhodium	103-2				100		%
Scandium	45-1				104		%
Scandium	45-2				104		%
Selenium	77-2	552.71	507.92	469.45	510.03	8.17	ppb
Selenium	78-2	531.52	518.32	512.31	520.72	1.89	ppb
Selenium	82-1	500.77	495.72	504.86	500.45	0.91	ppb
Silicon	28-1	756.62	880.63	852.30	829.85	7.83	ppb
Silver	109-1	504.53	515.12	506.22	508.62	1.12	ppb
Silver	107-1	504.85	512.15	514.68	510.56	1.00	ppb
Sodium	23-2	250218.37	252804.54	251772.86	251598.59	0.52	ppb
Strontium	86-1	498.80	514.82	509.65	507.76	1.61	ppb
Strontium	88-1	511.21	516.50	526.57	518.09	1.51	ppb
Sulfur	34-1	2114.40	1729.65	807.67	1550.58	43.31	ppb
Terbium	159-1				105		%
Terbium	159-2				105		%
Thallium	203-1	519.28	516.23	516.07	517.19	0.35	ppb
Thallium	205-1	530.90	529.72	526.99	529.20	0.38	ppb
Tin	118-1	516.79	513.87	516.75	515.81	0.32	ppb
Titanium	47-1	2533.64	2544.78	2510.03	2529.48	0.70	ppb
Uranium	238-1	533.52	535.23	526.68	531.81	0.85	ppb
Vanadium	51-2	512.81	520.70	515.81	516.44	0.77	ppb
Yttrium	89-1				105		%
Yttrium	89-2				104		%
Zinc	66-2	999.33	1021.28	1005.63	1008.75	1.12	ppb

LB Number :	LB102011	Operator :	Jaswal
Lab Sample ID :	CCV073	Instrumnet Name :	P8
Client Sample ID :	CCV073	Dilution Factor :	1
Date & Time Acquired ::	2019-04-10 13:22:02	DataFile Name :	017CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	90-1	507.24	518.70	525.71	517.22	1.80	ppb
Zirconium	91-1	506.20	511.20	512.61	510.01	0.66	ppb

LB Number : LB102011 Operator : Jaswal
 Lab Sample ID : CCB073 Instrumnet Name : P8
 Client Sample ID : CCB073 Dilution Factor : 1
 Date & Time Acquired :: 2019-04-10 13:33:33 DataFile Name : 018CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	9.08	10.21	13.38	10.89	20.48	ppb
Antimony	121-1	0.11	0.08	0.07	0.08	23.30	ppb
Arsenic	75-2	0.01	0.05	0.08	0.05	82.08	ppb
Barium	135-1	0.20	0.37	0.18	0.25	41.72	ppb
Barium	137-1	0.13	0.34	0.12	0.20	62.48	ppb
Beryllium	9-1	0.01	0.11	0.04	0.05	92.80	ppb
Bismuth	209-1				96		%
Bismuth	209-2				92		%
Boron	10-1	2.62	2.60	4.59	3.27	34.90	ppb
Boron	11-1	2.94	3.20	3.52	3.22	9.07	ppb
Cadmium	111-1	-0.02	-0.12	-0.12	-0.09		ppb
Cadmium	106-1	-0.54	-2.77	-1.84	-1.72		ppb
Cadmium	108-1	0.00	-0.09	0.44	0.12	236.66	ppb
Calcium	43-1	-3.69	6.42	7.05	3.26	184.74	ppb
Calcium	44-1	21.85	44.72	24.12	30.23	41.67	ppb
Chromium	52-2	0.10	0.09	0.22	0.13	54.21	ppb
Cobalt	59-2	0.03	0.04	0.09	0.06	64.49	ppb
Copper	63-2	0.19	0.23	0.28	0.24	19.00	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				98		%
Holmium	165-2				98		%
Indium	115-1				100		%
Indium	115-2				99		%
Iron	56-2	16.29	18.38	25.48	20.05	24.01	ppb
Iron	57-2	18.24	17.97	25.84	20.68	21.59	ppb
Krypton	83-1						cps
Lead	206-1	0.28	0.21	0.20	0.23	17.52	ppb
Lead	207-1	0.14	0.18	0.22	0.18	21.03	ppb
Lead	208-1	0.19	0.19	0.18	0.19	3.44	ppb
Lithium	6-1				90		%
Magnesium	24-2	27.87	29.59	38.66	32.04	18.09	ppb

LB Number :	LB102011	Operator :	Jaswal
Lab Sample ID :	CCB073	Instrumnet Name :	P8
Client Sample ID :	CCB073	Dilution Factor :	1
Date & Time Acquired ::	2019-04-10 13:33:33	DataFile Name :	018CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	0.07	0.13	0.16	0.12	39.53	ppb
Molybdenum	94-1	0.36	0.60	0.28	0.42	39.45	ppb
Molybdenum	95-1	0.37	0.58	0.31	0.42	33.30	ppb
Molybdenum	96-1	0.38	0.61	0.27	0.42	41.14	ppb
Molybdenum	97-1	0.42	0.67	0.30	0.46	41.35	ppb
Molybdenum	98-1	0.39	0.68	0.24	0.44	51.28	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.07	0.01	0.05	0.04	76.07	ppb
Phosphorus	31-2	-41.19	-23.29	-21.87	-28.78		ppb
Potassium	39-2	15.96	1.30	17.86	11.70	77.44	ppb
Rhodium	103-1				100		%
Rhodium	103-2				102		%
Scandium	45-1				102		%
Scandium	45-2				100		%
Selenium	77-2	-1.46	-1.46	-1.46	-1.46		ppb
Selenium	78-2	1.57	0.11	0.47	0.72	106.24	ppb
Selenium	82-1	0.64	0.41	0.48	0.51	23.71	ppb
Silicon	28-1	273.05	303.16	368.84	315.02	15.55	ppb
Silver	109-1	0.01	0.07	0.05	0.05	71.62	ppb
Silver	107-1	0.04	0.03	0.02	0.03	32.50	ppb
Sodium	23-2	100.14	97.34	106.31	101.26	4.54	ppb
Strontium	86-1	0.04	0.01	-0.15	-0.03		ppb
Strontium	88-1	0.05	0.10	0.05	0.07	43.32	ppb
Sulfur	34-1	-12515.23	-11549.87	-11428.47	-11831.19		ppb
Terbium	159-1				99		%
Terbium	159-2				98		%
Thallium	203-1	0.08	0.16	0.09	0.11	41.23	ppb
Thallium	205-1	0.08	0.10	0.10	0.09	15.29	ppb
Tin	118-1	0.06	0.11	0.13	0.10	33.16	ppb
Titanium	47-1	-0.39	0.53	0.06	0.07	679.13	ppb
Uranium	238-1	0.05	0.07	0.03	0.05	46.60	ppb
Vanadium	51-2	0.03	0.05	0.06	0.04	28.41	ppb
Yttrium	89-1				99		%
Yttrium	89-2				101		%
Zinc	66-2	0.42	0.36	0.48	0.42	14.63	ppb

LB Number :	LB102011	Operator :	Jaswal
Lab Sample ID :	CCB073	Instrumnet Name :	P8
Client Sample ID :	CCB073	Dilution Factor :	1
Date & Time Acquired ::	2019-04-10 13:33:33	DataFile Name :	018CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	90-1	0.03	0.07	0.03	0.04	51.07	ppb
Zirconium	91-1	0.07	0.17	-0.03	0.07	141.81	ppb

LB Number :	LB102011	Operator :	Jaswal
Lab Sample ID :	CRI	Instrumnet Name :	P8
Client Sample ID :	CRI	Dilution Factor :	1
Date & Time Acquired ::	2019-04-10 13:37:05	DataFile Name :	019LLCC.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	21.49	21.72	16.79	20.00	13.90	ppb
Antimony	121-1	2.13	2.03	1.94	2.04	4.77	ppb
Arsenic	75-2	1.10	0.95	1.12	1.06	8.77	ppb
Barium	135-1	10.78	10.21	9.37	10.12	7.00	ppb
Barium	137-1	11.07	10.65	10.55	10.76	2.56	ppb
Beryllium	9-1	0.99	1.03	0.86	0.96	8.79	ppb
Bismuth	209-1				94		%
Bismuth	209-2				91		%
Boron	10-1	27.48	26.60	26.42	26.83	2.11	ppb
Boron	11-1	27.88	25.90	27.20	26.99	3.72	ppb
Cadmium	111-1	0.86	0.70	0.74	0.76	10.65	ppb
Cadmium	106-1	-2.88	-3.17	-1.89	-2.65		ppb
Cadmium	108-1	1.07	1.60	1.82	1.50	25.94	ppb
Calcium	43-1	459.20	479.31	386.15	441.55	11.10	ppb
Calcium	44-1	502.65	505.96	454.95	487.85	5.85	ppb
Chromium	52-2	1.91	1.94	2.01	1.95	2.69	ppb
Cobalt	59-2	0.97	0.87	1.07	0.97	10.07	ppb
Copper	63-2	2.05	2.13	2.11	2.10	1.93	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				97		%
Holmium	165-2				97		%
Indium	115-1				99		%
Indium	115-2				97		%
Iron	56-2	53.04	54.16	53.77	53.66	1.05	ppb
Iron	57-2	50.35	55.31	53.46	53.04	4.73	ppb
Krypton	83-1						cps
Lead	206-1	1.17	0.98	1.04	1.07	9.15	ppb
Lead	207-1	1.02	1.04	0.97	1.01	3.54	ppb
Lead	208-1	1.09	1.05	1.03	1.06	2.99	ppb
Lithium	6-1				87		%
Magnesium	24-2	529.14	526.24	554.83	536.74	2.93	ppb

LB Number :	LB102011	Operator :	Jaswal
Lab Sample ID :	CRI	Instrumnet Name :	P8
Client Sample ID :	CRI	Dilution Factor :	1
Date & Time Acquired ::	2019-04-10 13:37:05	DataFile Name :	019LLCC.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	1.06	1.12	1.13	1.10	3.61	ppb
Molybdenum	94-1	5.42	5.53	4.81	5.25	7.31	ppb
Molybdenum	95-1	5.36	5.54	5.00	5.30	5.17	ppb
Molybdenum	96-1	5.56	5.18	4.68	5.14	8.51	ppb
Molybdenum	97-1	5.36	5.17	5.04	5.19	3.11	ppb
Molybdenum	98-1	5.75	5.61	5.15	5.50	5.77	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	1.18	1.12	1.02	1.11	7.05	ppb
Phosphorus	31-2	16.74	-12.23	76.30	26.94	167.55	ppb
Potassium	39-2	474.76	486.42	489.14	483.44	1.58	ppb
Rhodium	103-1				99		%
Rhodium	103-2				101		%
Scandium	45-1				101		%
Scandium	45-2				98		%
Selenium	77-2	5.14	5.22	7.56	5.97	23.02	ppb
Selenium	78-2	7.53	4.63	4.71	5.63	29.38	ppb
Selenium	82-1	3.72	4.47	4.71	4.30	12.01	ppb
Silicon	28-1	413.12	412.30	279.11	368.18	20.95	ppb
Silver	109-1	1.12	1.22	1.11	1.15	5.42	ppb
Silver	107-1	1.09	1.16	1.10	1.12	3.22	ppb
Sodium	23-2	579.78	565.74	576.55	574.03	1.28	ppb
Strontium	86-1	0.94	0.71	0.94	0.86	15.32	ppb
Strontium	88-1	1.04	1.09	0.95	1.03	6.57	ppb
Sulfur	34-1	-11123.65	-10481.71	-11819.11	-11141.49		ppb
Terbium	159-1				98		%
Terbium	159-2				95		%
Thallium	203-1	1.03	1.07	1.08	1.06	2.74	ppb
Thallium	205-1	1.06	1.04	1.02	1.04	1.96	ppb
Tin	118-1	5.21	5.34	4.91	5.15	4.29	ppb
Titanium	47-1	5.12	4.89	5.53	5.18	6.31	ppb
Uranium	238-1	0.92	0.97	0.85	0.92	6.65	ppb
Vanadium	51-2	5.48	5.07	5.12	5.22	4.31	ppb
Yttrium	89-1				100		%
Yttrium	89-2				99		%
Zinc	66-2	2.24	2.07	1.67	1.99	14.87	ppb

LB Number :	LB102011	Operator :	Jaswal
Lab Sample ID :	CRI	Instrumnet Name :	P8
Client Sample ID :	CRI	Dilution Factor :	1
Date & Time Acquired ::	2019-04-10 13:37:05	DataFile Name :	019LLCC.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	90-1	1.07	0.95	0.92	0.98	8.48	ppb
Zirconium	91-1	0.84	1.10	0.88	0.94	15.30	ppb

LB Number :	LB102011	Operator :	Jaswal
Lab Sample ID :	K2302-01DLX2	Instrumnet Name :	P8
Client Sample ID :	MH0YW7	Dilution Factor :	2
Date & Time Acquired ::	2019-04-10 13:40:37	DataFile Name :	020SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	12579.07	12926.11	13140.31	12881.83	2.20	ppb
Antimony	121-1	1.53	1.49	1.43	1.49	3.27	ppb
Arsenic	75-2	33.33	35.90	35.64	34.96	4.04	ppb
Barium	135-1	522.89	519.47	525.18	522.51	0.55	ppb
Barium	137-1	525.31	523.50	531.84	526.88	0.83	ppb
Beryllium	9-1	1.42	1.44	1.43	1.43	0.82	ppb
Bismuth	209-1				92		%
Bismuth	209-2				84		%
Boron	10-1	13.30	11.24	11.13	11.89	10.30	ppb
Boron	11-1	12.27	12.74	12.87	12.63	2.54	ppb
Cadmium	111-1	4.58	5.21	4.92	4.90	6.44	ppb
Cadmium	106-1	5.09	6.79	3.95	5.28	27.13	ppb
Cadmium	108-1	4.45	3.95	4.90	4.43	10.69	ppb
Calcium	43-1	77508.30	78356.54	77207.45	77690.76	0.77	ppb
Calcium	44-1	76950.60	79091.79	77152.99	77731.79	1.52	ppb
Chromium	52-2	31.33	32.82	33.07	32.41	2.89	ppb
Cobalt	59-2	13.60	14.26	14.68	14.18	3.83	ppb
Copper	63-2	115.57	118.69	122.01	118.76	2.71	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				97		%
Holmium	165-2				91		%
Indium	115-1				98		%
Indium	115-2				92		%
Iron	56-2	27724.79	29047.34	28833.47	28535.20	2.49	ppb
Iron	57-2	27962.01	28624.01	28826.98	28471.00	1.59	ppb
Krypton	83-1						cps
Lead	206-1	542.35	538.78	536.85	539.33	0.52	ppb
Lead	207-1	503.13	500.78	499.63	501.18	0.36	ppb
Lead	208-1	518.39	516.04	516.86	517.10	0.23	ppb
Lithium	6-1				86		%
Magnesium	24-2	10269.62	10439.07	10730.05	10479.58	2.22	ppb

LB Number :	LB102011	Operator :	Jaswal
Lab Sample ID :	K2302-01DLX2	Instrumnet Name :	P8
Client Sample ID :	MH0YW7	Dilution Factor :	2
Date & Time Acquired ::	2019-04-10 13:40:37	DataFile Name :	020SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	942.89	985.89	998.83	975.87	3.00	ppb
Molybdenum	94-1	3.71	3.91	3.79	3.80	2.58	ppb
Molybdenum	95-1	1.89	2.06	1.77	1.90	7.67	ppb
Molybdenum	96-1	2.43	2.18	2.28	2.30	5.52	ppb
Molybdenum	97-1	2.02	2.14	2.00	2.05	3.64	ppb
Molybdenum	98-1	2.00	1.84	1.90	1.91	4.20	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	39.77	41.02	41.86	40.89	2.58	ppb
Phosphorus	31-2	2372.19	2531.77	2386.90	2430.29	3.63	ppb
Potassium	39-2	4316.12	4401.50	4572.86	4430.16	2.95	ppb
Rhodium	103-1				96		%
Rhodium	103-2				94		%
Scandium	45-1				101		%
Scandium	45-2				96		%
Selenium	77-2	42.18	43.99	40.13	42.10	4.58	ppb
Selenium	78-2	2.16	4.12	10.08	5.45	75.67	ppb
Selenium	82-1	1.17	0.61	0.16	0.65	78.61	ppb
Silicon	28-1	1798.08	1784.25	1782.58	1788.30	0.48	ppb
Silver	109-1	1.91	1.87	1.89	1.89	1.12	ppb
Silver	107-1	1.75	1.77	2.00	1.84	7.62	ppb
Sodium	23-2	483.24	503.96	500.45	495.88	2.24	ppb
Strontium	86-1	303.00	300.53	294.01	299.18	1.55	ppb
Strontium	88-1	306.13	308.28	297.73	304.05	1.83	ppb
Sulfur	34-1	-11008.19	-10280.82	-10325.87	-10538.29		ppb
Terbium	159-1				97		%
Terbium	159-2				91		%
Thallium	203-1	0.65	0.62	0.59	0.62	5.12	ppb
Thallium	205-1	0.62	0.44	0.56	0.54	17.51	ppb
Tin	118-1	6.83	6.53	6.96	6.77	3.32	ppb
Titanium	47-1	235.63	239.74	235.46	236.94	1.02	ppb
Uranium	238-1	2.77	2.59	2.75	2.70	3.64	ppb
Vanadium	51-2	51.32	51.63	52.82	51.92	1.53	ppb
Yttrium	89-1				105		%
Yttrium	89-2				103		%
Zinc	66-2	396.14	411.88	417.15	408.39	2.68	ppb

LB Number :	LB102011	Operator :	Jaswal
Lab Sample ID :	K2302-01DLX2	Instrumnet Name :	P8
Client Sample ID :	MH0YW7	Dilution Factor :	2
Date & Time Acquired ::	2019-04-10 13:40:37	DataFile Name :	020SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	90-1	1.53	1.46	1.48	1.49	2.26	ppb
Zirconium	91-1	1.44	1.33	1.44	1.41	4.46	ppb

LB Number :	LB102011	Operator :	Jaswal
Lab Sample ID :	K2302-02DLX2	Instrumnet Name :	P8
Client Sample ID :	MH0YW7D	Dilution Factor :	2
Date & Time Acquired ::	2019-04-10 13:44:09	DataFile Name :	021SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	12893.69	12935.89	12719.30	12849.63	0.89	ppb
Antimony	121-1	1.51	1.73	1.56	1.60	7.47	ppb
Arsenic	75-2	34.16	35.87	34.86	34.96	2.45	ppb
Barium	135-1	525.37	647.29	547.41	573.36	11.33	ppb
Barium	137-1	531.21	653.70	545.92	576.95	11.59	ppb
Beryllium	9-1	1.56	2.06	1.53	1.72	17.51	ppb
Bismuth	209-1				85		%
Bismuth	209-2				87		%
Boron	10-1	15.63	15.75	14.81	15.40	3.31	ppb
Boron	11-1	13.44	16.88	13.80	14.71	12.85	ppb
Cadmium	111-1	4.78	6.27	4.71	5.26	16.73	ppb
Cadmium	106-1	6.11	8.68	3.22	6.00	45.55	ppb
Cadmium	108-1	4.58	6.54	4.81	5.31	20.22	ppb
Calcium	43-1	78399.87	98087.68	79549.66	85345.74	12.95	ppb
Calcium	44-1	78428.82	98308.13	79495.28	85410.74	13.09	ppb
Chromium	52-2	32.92	32.49	32.24	32.55	1.05	ppb
Cobalt	59-2	14.12	14.29	14.01	14.14	1.02	ppb
Copper	63-2	118.43	119.00	115.74	117.72	1.48	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				90		%
Holmium	165-2				94		%
Indium	115-1				91		%
Indium	115-2				95		%
Iron	56-2	28559.85	28361.65	28122.44	28347.98	0.77	ppb
Iron	57-2	28514.19	28497.76	28374.54	28462.16	0.27	ppb
Krypton	83-1						cps
Lead	206-1	544.95	679.00	557.88	593.94	12.45	ppb
Lead	207-1	511.59	628.72	521.83	554.05	11.71	ppb
Lead	208-1	523.95	647.82	535.77	569.18	12.01	ppb
Lithium	6-1				82		%
Magnesium	24-2	10651.43	10676.71	10333.31	10553.82	1.81	ppb

LB Number :	LB102011	Operator :	Jaswal
Lab Sample ID :	K2302-02DLX2	Instrumnet Name :	P8
Client Sample ID :	MH0YW7D	Dilution Factor :	2
Date & Time Acquired ::	2019-04-10 13:44:09	DataFile Name :	021SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	979.62	968.89	960.62	969.71	0.98	ppb
Molybdenum	94-1	3.40	4.39	3.65	3.81	13.50	ppb
Molybdenum	95-1	2.29	2.62	1.91	2.27	15.65	ppb
Molybdenum	96-1	2.16	2.63	2.24	2.35	10.77	ppb
Molybdenum	97-1	1.68	2.26	2.01	1.98	14.60	ppb
Molybdenum	98-1	2.04	2.27	1.97	2.09	7.46	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	41.07	40.76	40.26	40.70	1.01	ppb
Phosphorus	31-2	2611.48	2562.74	2291.44	2488.56	6.93	ppb
Potassium	39-2	4487.12	4429.77	4248.70	4388.53	2.84	ppb
Rhodium	103-1				89		%
Rhodium	103-2				97		%
Scandium	45-1				93		%
Scandium	45-2				98		%
Selenium	77-2	25.68	25.97	33.93	28.52	16.41	ppb
Selenium	78-2	6.75	4.34	9.18	6.76	35.81	ppb
Selenium	82-1	0.72	1.44	0.67	0.95	45.58	ppb
Silicon	28-1	1736.68	3629.36	1942.35	2436.13	42.63	ppb
Silver	109-1	1.79	2.44	1.91	2.05	17.00	ppb
Silver	107-1	1.96	2.19	2.01	2.05	5.96	ppb
Sodium	23-2	482.22	477.38	445.79	468.46	4.22	ppb
Strontium	86-1	303.32	370.07	312.03	328.48	11.05	ppb
Strontium	88-1	310.86	374.80	311.79	332.48	11.02	ppb
Sulfur	34-1	-9960.27	746.56	-9723.21	-6312.31		ppb
Terbium	159-1				90		%
Terbium	159-2				94		%
Thallium	203-1	0.52	0.72	0.43	0.56	26.85	ppb
Thallium	205-1	0.61	0.71	0.55	0.62	13.50	ppb
Tin	118-1	6.86	8.18	6.61	7.22	11.65	ppb
Titanium	47-1	242.40	307.26	240.90	263.52	14.38	ppb
Uranium	238-1	2.72	3.54	2.77	3.01	15.31	ppb
Vanadium	51-2	51.57	52.04	52.32	51.98	0.73	ppb
Yttrium	89-1				99		%
Yttrium	89-2				105		%
Zinc	66-2	407.91	403.07	404.92	405.30	0.60	ppb

LB Number :	LB102011	Operator :	Jaswal
Lab Sample ID :	K2302-02DLX2	Instrumnet Name :	P8
Client Sample ID :	MH0YW7D	Dilution Factor :	2
Date & Time Acquired ::	2019-04-10 13:44:09	DataFile Name :	021SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	90-1	1.47	1.91	1.49	1.62	15.55	ppb
Zirconium	91-1	1.60	1.87	1.59	1.69	9.43	ppb

LB Number :	LB102011	Operator :	Jaswal
Lab Sample ID :	K2302-01LDLX10	Instrumnet Name :	P8
Client Sample ID :	MH0YW7L	Dilution Factor :	10
Date & Time Acquired ::	2019-04-10 13:47:40	DataFile Name :	022SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	2576.88	2499.81	2493.17	2523.29	1.84	ppb
Antimony	121-1	0.32	0.26	0.24	0.28	15.42	ppb
Arsenic	75-2	7.07	7.19	7.28	7.18	1.47	ppb
Barium	135-1	102.17	104.72	102.07	102.98	1.46	ppb
Barium	137-1	103.99	104.73	104.67	104.46	0.39	ppb
Beryllium	9-1	0.22	0.25	0.43	0.30	37.78	ppb
Bismuth	209-1				90		%
Bismuth	209-2				86		%
Boron	10-1	4.56	4.05	2.42	3.68	30.41	ppb
Boron	11-1	5.07	4.71	4.15	4.64	9.99	ppb
Cadmium	111-1	0.81	0.99	1.00	0.93	11.35	ppb
Cadmium	106-1	-0.24	1.55	-0.33	0.33	325.89	ppb
Cadmium	108-1	0.65	1.02	0.75	0.81	23.93	ppb
Calcium	43-1	15437.11	15267.77	15395.15	15366.68	0.57	ppb
Calcium	44-1	15892.79	15858.84	16001.03	15917.55	0.47	ppb
Chromium	52-2	6.71	6.37	6.53	6.54	2.63	ppb
Cobalt	59-2	2.71	2.76	2.72	2.73	1.08	ppb
Copper	63-2	23.82	23.46	23.30	23.53	1.14	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				94		%
Holmium	165-2				93		%
Indium	115-1				94		%
Indium	115-2				94		%
Iron	56-2	5707.50	5672.45	5668.80	5682.92	0.38	ppb
Iron	57-2	5624.51	5618.18	5542.90	5595.20	0.81	ppb
Krypton	83-1						cps
Lead	206-1	110.42	106.84	108.41	108.56	1.65	ppb
Lead	207-1	102.41	100.63	100.78	101.27	0.98	ppb
Lead	208-1	105.41	102.77	103.37	103.85	1.34	ppb
Lithium	6-1				83		%
Magnesium	24-2	2068.40	2075.45	2003.06	2048.97	1.95	ppb

LB Number :	LB102011	Operator :	Jaswal
Lab Sample ID :	K2302-01LDLX10	Instrumnet Name :	P8
Client Sample ID :	MH0YW7L	Dilution Factor :	10
Date & Time Acquired ::	2019-04-10 13:47:40	DataFile Name :	022SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	192.68	192.85	190.28	191.94	0.75	ppb
Molybdenum	94-1	0.77	0.75	0.70	0.74	5.16	ppb
Molybdenum	95-1	0.39	0.44	0.49	0.44	11.05	ppb
Molybdenum	96-1	0.51	0.52	0.39	0.47	15.11	ppb
Molybdenum	97-1	0.50	0.26	0.39	0.39	31.61	ppb
Molybdenum	98-1	0.41	0.36	0.45	0.41	10.61	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	8.38	8.00	8.33	8.23	2.52	ppb
Phosphorus	31-2	443.70	443.35	411.80	432.95	4.23	ppb
Potassium	39-2	903.18	837.34	848.05	862.86	4.09	ppb
Rhodium	103-1				95		%
Rhodium	103-2				97		%
Scandium	45-1				98		%
Scandium	45-2				98		%
Selenium	77-2	5.26	0.77	5.26	3.76	68.80	ppb
Selenium	78-2	2.41	0.89	0.89	1.40	62.67	ppb
Selenium	82-1	-0.12	2.25	-0.18	0.65	212.54	ppb
Silicon	28-1	637.91	610.96	634.73	627.86	2.35	ppb
Silver	109-1	0.32	0.36	0.40	0.36	11.13	ppb
Silver	107-1	0.37	0.40	0.33	0.37	8.93	ppb
Sodium	23-2	135.79	137.26	139.24	137.43	1.26	ppb
Strontium	86-1	62.48	64.80	60.95	62.74	3.10	ppb
Strontium	88-1	63.79	64.30	63.74	63.94	0.48	ppb
Sulfur	34-1	-9312.93	-10051.17	-9175.72	-9513.27		ppb
Terbium	159-1				94		%
Terbium	159-2				93		%
Thallium	203-1	0.14	0.13	0.10	0.12	16.85	ppb
Thallium	205-1	0.15	0.15	0.09	0.13	25.11	ppb
Tin	118-1	1.33	1.43	1.35	1.37	3.61	ppb
Titanium	47-1	48.38	45.93	49.26	47.85	3.61	ppb
Uranium	238-1	0.52	0.49	0.45	0.48	6.63	ppb
Vanadium	51-2	10.36	10.23	10.43	10.34	0.98	ppb
Yttrium	89-1				96		%
Yttrium	89-2				98		%
Zinc	66-2	78.85	81.61	80.37	80.27	1.73	ppb

LB Number :	LB102011	Operator :	Jaswal
Lab Sample ID :	K2302-01LDLX10	Instrumnet Name :	P8
Client Sample ID :	MH0YW7L	Dilution Factor :	10
Date & Time Acquired ::	2019-04-10 13:47:40	DataFile Name :	022SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	90-1	0.33	0.31	0.34	0.33	3.86	ppb
Zirconium	91-1	0.41	0.35	0.29	0.35	16.73	ppb

LB Number :	LB102011	Operator :	Jaswal
Lab Sample ID :	K2302-03DLX2	Instrumnet Name :	P8
Client Sample ID :	MH0YW7S	Dilution Factor :	2
Date & Time Acquired ::	2019-04-10 13:51:10	DataFile Name :	023SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	12725.54	12774.06	12576.68	12692.09	0.81	ppb
Antimony	121-1	14.01	14.35	14.19	14.18	1.19	ppb
Arsenic	75-2	37.40	39.60	40.37	39.12	3.94	ppb
Barium	135-1	793.57	784.82	776.62	785.00	1.08	ppb
Barium	137-1	802.00	791.94	782.02	791.99	1.26	ppb
Beryllium	9-1	7.60	7.24	7.81	7.55	3.80	ppb
Bismuth	209-1				89		%
Bismuth	209-2				87		%
Boron	10-1	11.82	11.83	12.27	11.98	2.16	ppb
Boron	11-1	12.53	12.66	12.02	12.41	2.73	ppb
Cadmium	111-1	11.38	11.22	11.40	11.33	0.86	ppb
Cadmium	106-1	11.24	11.70	9.53	10.82	10.59	ppb
Cadmium	108-1	12.47	11.23	7.43	10.37	25.34	ppb
Calcium	43-1	78304.07	76903.32	77880.75	77696.05	0.92	ppb
Calcium	44-1	78271.70	77949.70	77755.83	77992.41	0.33	ppb
Chromium	52-2	56.52	56.41	55.96	56.30	0.53	ppb
Cobalt	59-2	77.31	76.10	75.62	76.34	1.14	ppb
Copper	63-2	146.37	145.79	144.74	145.63	0.57	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				93		%
Holmium	165-2				95		%
Indium	115-1				95		%
Indium	115-2				94		%
Iron	56-2	28078.11	27742.06	27841.08	27887.08	0.62	ppb
Iron	57-2	27881.74	27711.36	27554.76	27715.95	0.59	ppb
Krypton	83-1						cps
Lead	206-1	539.75	542.79	539.37	540.64	0.35	ppb
Lead	207-1	498.89	512.82	506.76	506.16	1.38	ppb
Lead	208-1	517.92	523.84	520.50	520.76	0.57	ppb
Lithium	6-1				84		%
Magnesium	24-2	10333.24	10206.15	10125.65	10221.68	1.02	ppb

LB Number :	LB102011	Operator :	Jaswal
Lab Sample ID :	K2302-03DLX2	Instrumnet Name :	P8
Client Sample ID :	MH0YW7S	Dilution Factor :	2
Date & Time Acquired ::	2019-04-10 13:51:10	DataFile Name :	023SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	1011.91	1006.06	1007.09	1008.35	0.31	ppb
Molybdenum	94-1	3.18	3.53	3.48	3.40	5.53	ppb
Molybdenum	95-1	1.83	2.06	1.84	1.91	7.02	ppb
Molybdenum	96-1	2.35	2.32	1.94	2.20	10.31	ppb
Molybdenum	97-1	1.91	1.99	2.08	1.99	4.29	ppb
Molybdenum	98-1	1.89	1.96	1.68	1.84	7.93	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	102.37	102.76	103.25	102.79	0.43	ppb
Phosphorus	31-2	2157.45	2327.23	2222.16	2235.61	3.83	ppb
Potassium	39-2	4291.19	4260.81	4269.27	4273.76	0.37	ppb
Rhodium	103-1				93		%
Rhodium	103-2				97		%
Scandium	45-1				97		%
Scandium	45-2				100		%
Selenium	77-2	45.32	61.65	48.42	51.80	16.75	ppb
Selenium	78-2	14.78	17.81	19.33	17.31	13.38	ppb
Selenium	82-1	14.13	14.06	13.31	13.83	3.30	ppb
Silicon	28-1	2054.05	1845.91	1773.88	1891.28	7.69	ppb
Silver	109-1	8.42	8.25	8.56	8.41	1.83	ppb
Silver	107-1	8.57	8.23	8.57	8.46	2.34	ppb
Sodium	23-2	436.24	428.47	432.45	432.38	0.90	ppb
Strontium	86-1	295.30	297.71	297.47	296.83	0.45	ppb
Strontium	88-1	300.90	308.88	306.41	305.40	1.34	ppb
Sulfur	34-1	-7660.77	-9457.13	-9254.10	-8790.67		ppb
Terbium	159-1				94		%
Terbium	159-2				94		%
Thallium	203-1	7.00	6.74	6.57	6.77	3.19	ppb
Thallium	205-1	7.02	6.61	6.72	6.78	3.08	ppb
Tin	118-1	6.54	6.85	6.50	6.63	2.87	ppb
Titanium	47-1	237.01	229.58	226.93	231.17	2.26	ppb
Uranium	238-1	2.80	2.76	2.74	2.76	1.03	ppb
Vanadium	51-2	112.41	112.06	111.80	112.09	0.27	ppb
Yttrium	89-1				103		%
Yttrium	89-2				105		%
Zinc	66-2	455.36	453.91	453.83	454.37	0.19	ppb

LB Number :	LB102011	Operator :	Jaswal
Lab Sample ID :	K2302-03DLX2	Instrumnet Name :	P8
Client Sample ID :	MH0YW7S	Dilution Factor :	2
Date & Time Acquired ::	2019-04-10 13:51:10	DataFile Name :	023SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	90-1	1.45	1.49	1.39	1.44	3.63	ppb
Zirconium	91-1	1.43	1.41	1.44	1.43	0.85	ppb

LB Number :	LB102011	Operator :	Jaswal
Lab Sample ID :	K2302-04DLX2	Instrumnet Name :	P8
Client Sample ID :	MH0Z54	Dilution Factor :	2
Date & Time Acquired ::	2019-04-10 13:54:42	DataFile Name :	024SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	14887.02	14615.89	14922.59	14808.50	1.13	ppb
Antimony	121-1	1.67	1.68	1.68	1.68	0.23	ppb
Arsenic	75-2	24.07	23.46	24.20	23.91	1.67	ppb
Barium	135-1	578.12	569.92	566.65	571.56	1.03	ppb
Barium	137-1	586.11	573.67	577.14	578.98	1.11	ppb
Beryllium	9-1	2.05	1.91	1.85	1.94	5.27	ppb
Bismuth	209-1				91		%
Bismuth	209-2				87		%
Boron	10-1	38.25	36.12	35.08	36.48	4.44	ppb
Boron	11-1	34.01	39.93	39.99	37.97	9.05	ppb
Cadmium	111-1	5.59	5.70	5.28	5.52	3.90	ppb
Cadmium	106-1	6.78	6.04	3.27	5.36	34.55	ppb
Cadmium	108-1	5.23	4.86	5.15	5.08	3.85	ppb
Calcium	43-1	86966.55	85517.91	88166.32	86883.60	1.53	ppb
Calcium	44-1	87704.44	86299.26	87919.67	87307.79	1.01	ppb
Chromium	52-2	27.50	26.44	26.87	26.94	1.97	ppb
Cobalt	59-2	15.31	15.13	15.32	15.25	0.70	ppb
Copper	63-2	133.52	130.32	135.28	133.04	1.89	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				96		%
Holmium	165-2				95		%
Indium	115-1				96		%
Indium	115-2				95		%
Iron	56-2	29502.17	28751.84	29631.99	29295.33	1.62	ppb
Iron	57-2	29412.38	28645.67	29359.05	29139.03	1.47	ppb
Krypton	83-1						cps
Lead	206-1	1053.76	1033.70	1039.96	1042.47	0.98	ppb
Lead	207-1	907.65	900.72	909.53	905.96	0.51	ppb
Lead	208-1	962.53	965.12	961.77	963.14	0.18	ppb
Lithium	6-1				86		%
Magnesium	24-2	10926.45	10805.58	11010.51	10914.18	0.94	ppb

LB Number :	LB102011	Operator :	Jaswal
Lab Sample ID :	K2302-04DLX2	Instrumnet Name :	P8
Client Sample ID :	MH0Z54	Dilution Factor :	2
Date & Time Acquired ::	2019-04-10 13:54:42	DataFile Name :	024SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	1163.67	1148.64	1180.68	1164.33	1.38	ppb
Molybdenum	94-1	4.04	3.86	4.11	4.00	3.19	ppb
Molybdenum	95-1	2.34	2.55	2.44	2.44	4.38	ppb
Molybdenum	96-1	2.76	2.75	2.84	2.78	1.79	ppb
Molybdenum	97-1	2.49	2.64	2.51	2.55	3.26	ppb
Molybdenum	98-1	2.35	2.52	2.31	2.39	4.58	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	51.84	51.56	52.65	52.02	1.10	ppb
Phosphorus	31-2	4883.44	4893.11	5219.43	4998.66	3.83	ppb
Potassium	39-2	4634.51	4444.11	4624.29	4567.64	2.34	ppb
Rhodium	103-1				95		%
Rhodium	103-2				98		%
Scandium	45-1				99		%
Scandium	45-2				99		%
Selenium	77-2	31.62	23.21	40.05	31.62	26.63	ppb
Selenium	78-2	7.72	7.67	5.66	7.02	16.80	ppb
Selenium	82-1	1.82	1.53	0.12	1.16	78.54	ppb
Silicon	28-1	1978.82	1911.55	2019.16	1969.84	2.76	ppb
Silver	109-1	2.38	2.49	2.38	2.41	2.64	ppb
Silver	107-1	2.55	2.51	2.61	2.56	1.98	ppb
Sodium	23-2	1082.54	1046.97	1081.80	1070.44	1.90	ppb
Strontium	86-1	390.12	391.07	392.09	391.09	0.25	ppb
Strontium	88-1	394.33	397.78	399.44	397.18	0.66	ppb
Sulfur	34-1	-9190.25	-9703.84	-8283.80	-9059.30		ppb
Terbium	159-1				98		%
Terbium	159-2				96		%
Thallium	203-1	0.72	0.78	0.76	0.75	4.45	ppb
Thallium	205-1	0.73	0.71	0.74	0.72	2.35	ppb
Tin	118-1	19.80	19.55	19.43	19.59	0.97	ppb
Titanium	47-1	219.02	219.23	215.04	217.76	1.08	ppb
Uranium	238-1	4.17	4.09	4.00	4.09	2.09	ppb
Vanadium	51-2	57.64	58.04	58.79	58.16	1.00	ppb
Yttrium	89-1				105		%
Yttrium	89-2				106		%
Zinc	66-2	576.82	580.23	593.30	583.45	1.49	ppb

LB Number :	LB102011	Operator :	Jaswal
Lab Sample ID :	K2302-04DLX2	Instrumnet Name :	P8
Client Sample ID :	MH0Z54	Dilution Factor :	2
Date & Time Acquired ::	2019-04-10 13:54:42	DataFile Name :	024SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	90-1	1.57	1.47	1.48	1.51	3.69	ppb
Zirconium	91-1	1.52	1.35	1.57	1.48	7.80	ppb

LB Number :	LB102011	Operator :	Jaswal
Lab Sample ID :	K2302-05DLX5	Instrumnet Name :	P8
Client Sample ID :	MH0Z55	Dilution Factor :	5
Date & Time Acquired ::	2019-04-10 13:58:12	DataFile Name :	025SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	3907.58	4030.69	3970.32	3969.53	1.55	ppb
Antimony	121-1	0.81	0.78	0.88	0.82	6.25	ppb
Arsenic	75-2	27.19	27.99	26.83	27.34	2.18	ppb
Barium	135-1	173.18	183.87	185.56	180.87	3.71	ppb
Barium	137-1	173.03	184.48	190.66	182.72	4.89	ppb
Beryllium	9-1	0.72	0.55	0.57	0.61	14.88	ppb
Bismuth	209-1				92		%
Bismuth	209-2				87		%
Boron	10-1	6.95	6.60	7.55	7.03	6.83	ppb
Boron	11-1	7.24	6.74	8.10	7.36	9.33	ppb
Cadmium	111-1	5.96	7.02	6.87	6.62	8.63	ppb
Cadmium	106-1	2.67	7.09	6.75	5.51	44.65	ppb
Cadmium	108-1	5.91	6.48	7.88	6.75	15.00	ppb
Calcium	43-1	23601.39	25642.61	26293.33	25179.11	5.58	ppb
Calcium	44-1	24048.13	25580.05	26637.39	25421.85	5.12	ppb
Chromium	52-2	9.12	9.13	9.15	9.13	0.17	ppb
Cobalt	59-2	5.21	5.11	5.22	5.18	1.15	ppb
Copper	63-2	88.26	90.32	89.40	89.33	1.16	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				96		%
Holmium	165-2				94		%
Indium	115-1				98		%
Indium	115-2				94		%
Iron	56-2	11457.57	11950.55	11737.70	11715.28	2.11	ppb
Iron	57-2	11618.02	11735.38	11597.83	11650.41	0.64	ppb
Krypton	83-1						cps
Lead	206-1	589.39	620.87	622.87	611.04	3.07	ppb
Lead	207-1	562.03	594.46	594.64	583.71	3.22	ppb
Lead	208-1	574.40	604.14	610.23	596.26	3.22	ppb
Lithium	6-1				84		%
Magnesium	24-2	2841.01	2848.54	2850.19	2846.58	0.17	ppb

LB Number :	LB102011	Operator :	Jaswal
Lab Sample ID :	K2302-05DLX5	Instrumnet Name :	P8
Client Sample ID :	MH0Z55	Dilution Factor :	5
Date & Time Acquired ::	2019-04-10 13:58:12	DataFile Name :	025SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	647.03	652.92	656.38	652.11	0.72	ppb
Molybdenum	94-1	1.52	1.53	1.47	1.51	1.94	ppb
Molybdenum	95-1	0.84	0.98	0.67	0.83	18.36	ppb
Molybdenum	96-1	0.95	1.10	0.94	1.00	9.14	ppb
Molybdenum	97-1	0.76	0.78	1.00	0.84	15.73	ppb
Molybdenum	98-1	1.01	0.87	0.85	0.91	9.38	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	16.23	16.16	15.97	16.12	0.84	ppb
Phosphorus	31-2	978.74	797.11	958.97	911.61	10.93	ppb
Potassium	39-2	1144.10	1140.61	1169.96	1151.56	1.39	ppb
Rhodium	103-1				97		%
Rhodium	103-2				98		%
Scandium	45-1				99		%
Scandium	45-2				97		%
Selenium	77-2	18.46	9.76	13.97	14.06	30.95	ppb
Selenium	78-2	3.11	4.68	2.72	3.50	29.56	ppb
Selenium	82-1	0.90	0.81	1.30	1.00	26.07	ppb
Silicon	28-1	532.76	989.31	1091.02	871.03	34.14	ppb
Silver	109-1	1.95	2.21	2.10	2.09	6.40	ppb
Silver	107-1	1.93	2.12	2.15	2.07	5.64	ppb
Sodium	23-2	397.69	406.77	395.62	400.03	1.48	ppb
Strontium	86-1	94.64	100.10	102.66	99.13	4.14	ppb
Strontium	88-1	95.55	101.23	102.12	99.64	3.58	ppb
Sulfur	34-1	-11757.29	-9446.55	-8795.04	-9999.63		ppb
Terbium	159-1				97		%
Terbium	159-2				94		%
Thallium	203-1	0.24	0.32	0.34	0.30	17.39	ppb
Thallium	205-1	0.32	0.31	0.30	0.31	4.13	ppb
Tin	118-1	4.15	4.41	4.49	4.35	4.09	ppb
Titanium	47-1	52.22	57.44	59.22	56.29	6.46	ppb
Uranium	238-1	0.98	1.06	1.01	1.02	3.75	ppb
Vanadium	51-2	19.48	19.95	19.70	19.71	1.20	ppb
Yttrium	89-1				100		%
Yttrium	89-2				99		%
Zinc	66-2	718.82	737.47	723.38	726.56	1.34	ppb

LB Number :	LB102011	Operator :	Jaswal
Lab Sample ID :	K2302-05DLX5	Instrumnet Name :	P8
Client Sample ID :	MH0Z55	Dilution Factor :	5
Date & Time Acquired ::	2019-04-10 13:58:12	DataFile Name :	025SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	90-1	0.49	0.51	0.52	0.51	3.31	ppb
Zirconium	91-1	0.55	0.43	0.67	0.55	22.11	ppb

LB Number :	LB102011	Operator :	Jaswal
Lab Sample ID :	K2300-06A	Instrumnet Name :	P8
Client Sample ID :	MH0YW6A	Dilution Factor :	1
Date & Time Acquired ::	2019-04-10 14:01:42	DataFile Name :	026SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	46808.76	46724.62	48759.06	47430.81	2.43	ppb
Antimony	121-1	7.01	7.12	7.18	7.10	1.20	ppb
Arsenic	75-2	39.99	40.67	41.57	40.74	1.95	ppb
Barium	135-1	2811.88	2724.74	2733.47	2756.70	1.74	ppb
Barium	137-1	2793.83	2752.11	2768.76	2771.57	0.76	ppb
Beryllium	9-1	8.09	8.24	8.31	8.21	1.39	ppb
Bismuth	209-1				92		%
Bismuth	209-2				92		%
Boron	10-1	172.70	174.31	173.47	173.49	0.47	ppb
Boron	11-1	177.83	172.16	177.90	175.96	1.87	ppb
Cadmium	111-1	20.50	19.69	19.67	19.95	2.36	ppb
Cadmium	106-1	28.33	24.02	23.09	25.15	11.12	ppb
Cadmium	108-1	19.13	19.70	16.63	18.49	8.81	ppb
Calcium	43-1	230054.03	228483.11	221250.32	226595.82	2.07	ppb
Calcium	44-1	227095.23	223756.70	221205.63	224019.19	1.32	ppb
Chromium	52-2	295.64	290.24	306.24	297.37	2.74	ppb
Cobalt	59-2	118.27	118.14	124.14	120.18	2.85	ppb
Copper	63-2	411.14	404.30	425.94	413.79	2.67	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				97		%
Holmium	165-2				99		%
Indium	115-1				96		%
Indium	115-2				98		%
Iron	56-2	64939.84	63943.21	67648.06	65510.37	2.93	ppb
Iron	57-2	64718.24	63509.92	67428.93	65219.03	3.08	ppb
Krypton	83-1						cps
Lead	206-1	3937.11	3934.66	3868.44	3913.40	1.00	ppb
Lead	207-1	3673.49	3631.35	3615.05	3639.97	0.83	ppb
Lead	208-1	3740.10	3725.16	3676.31	3713.86	0.90	ppb
Lithium	6-1				90		%
Magnesium	24-2	15299.68	15078.53	15733.88	15370.70	2.17	ppb

LB Number :	LB102011	Operator :	Jaswal
Lab Sample ID :	K2300-06A	Instrumnet Name :	P8
Client Sample ID :	MH0YW6A	Dilution Factor :	1
Date & Time Acquired ::	2019-04-10 14:01:42	DataFile Name :	026SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	3376.25	3337.92	3535.60	3416.59	3.07	ppb
Molybdenum	94-1	15.08	14.64	15.31	15.01	2.26	ppb
Molybdenum	95-1	6.14	5.62	6.14	5.96	5.02	ppb
Molybdenum	96-1	7.18	6.70	7.30	7.06	4.49	ppb
Molybdenum	97-1	6.06	5.52	5.49	5.69	5.68	ppb
Molybdenum	98-1	5.71	5.78	5.85	5.78	1.24	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	258.73	254.65	266.09	259.82	2.23	ppb
Phosphorus	31-2	7346.87	7224.60	7486.68	7352.72	1.78	ppb
Potassium	39-2	7220.79	7016.89	7393.51	7210.40	2.61	ppb
Rhodium	103-1				94		%
Rhodium	103-2				100		%
Scandium	45-1				100		%
Scandium	45-2				101		%
Selenium	77-2	67.98	62.63	87.88	72.83	18.27	ppb
Selenium	78-2	14.81	11.56	14.98	13.78	13.96	ppb
Selenium	82-1	3.01	1.98	2.38	2.46	21.29	ppb
Silicon	28-1	7696.06	7699.86	7502.72	7632.88	1.48	ppb
Silver	109-1	6.44	6.45	6.67	6.52	2.03	ppb
Silver	107-1	6.61	6.28	6.47	6.45	2.57	ppb
Sodium	23-2	4328.05	4248.08	4526.42	4367.52	3.28	ppb
Strontium	86-1	1311.76	1315.41	1314.90	1314.03	0.15	ppb
Strontium	88-1	1294.16	1314.31	1313.30	1307.26	0.87	ppb
Sulfur	34-1	-6268.90	-6384.62	-7591.15	-6748.23		ppb
Terbium	159-1				97		%
Terbium	159-2				100		%
Thallium	203-1	1.17	1.29	1.37	1.28	8.10	ppb
Thallium	205-1	1.22	1.26	1.24	1.24	1.80	ppb
Tin	118-1	113.34	110.88	113.29	112.50	1.25	ppb
Titanium	47-1	1141.06	1132.70	1124.68	1132.81	0.72	ppb
Uranium	238-1	9.66	9.60	9.44	9.57	1.19	ppb
Vanadium	51-2	545.92	535.90	563.44	548.42	2.54	ppb
Yttrium	89-1				122		%
Yttrium	89-2				126		%
Zinc	66-2	3610.24	3547.90	3767.50	3641.88	3.11	ppb

LB Number :	LB102011	Operator :	Jaswal
Lab Sample ID :	K2300-06A	Instrumnet Name :	P8
Client Sample ID :	MH0YW6A	Dilution Factor :	1
Date & Time Acquired ::	2019-04-10 14:01:42	DataFile Name :	026SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	90-1	6.80	6.78	7.04	6.88	2.09	ppb
Zirconium	91-1	7.08	6.47	7.13	6.89	5.31	ppb

LB Number :	LB102011	Operator :	Jaswal
Lab Sample ID :	K2302-01AREDLX2	Instrumnet Name :	P8
Client Sample ID :	MH0YW7A	Dilution Factor :	2
Date & Time Acquired ::	2019-04-10 14:05:10	DataFile Name :	027SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	12833.06	12635.24	12528.25	12665.52	1.22	ppb
Antimony	121-1	1.37	1.36	1.52	1.42	6.44	ppb
Arsenic	75-2	33.83	33.28	35.34	34.15	3.13	ppb
Barium	135-1	528.74	542.99	536.53	536.09	1.33	ppb
Barium	137-1	534.02	560.37	540.76	545.05	2.51	ppb
Beryllium	9-1	1.57	1.68	1.63	1.63	3.52	ppb
Bismuth	209-1				94		%
Bismuth	209-2				91		%
Boron	10-1	17.51	12.94	14.14	14.86	15.91	ppb
Boron	11-1	14.77	13.93	13.29	14.00	5.30	ppb
Cadmium	111-1	4.50	5.54	4.31	4.78	13.90	ppb
Cadmium	106-1	5.47	10.14	1.26	5.62	79.02	ppb
Cadmium	108-1	4.04	5.16	4.86	4.69	12.28	ppb
Calcium	43-1	77462.59	79709.13	79329.32	78833.68	1.53	ppb
Calcium	44-1	78253.06	81351.42	79769.78	79791.42	1.94	ppb
Chromium	52-2	32.38	30.79	32.61	31.93	3.11	ppb
Cobalt	59-2	14.58	14.22	14.15	14.31	1.61	ppb
Copper	63-2	119.43	117.79	117.09	118.11	1.02	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				99		%
Holmium	165-2				98		%
Indium	115-1				100		%
Indium	115-2				97		%
Iron	56-2	28499.25	28263.49	28166.85	28309.86	0.60	ppb
Iron	57-2	28224.97	27987.18	28158.43	28123.53	0.44	ppb
Krypton	83-1						cps
Lead	206-1	549.54	573.58	558.56	560.56	2.17	ppb
Lead	207-1	516.47	535.00	521.02	524.16	1.84	ppb
Lead	208-1	533.98	550.95	533.50	539.48	1.84	ppb
Lithium	6-1				88		%
Magnesium	24-2	10483.49	10211.49	10244.05	10313.01	1.44	ppb

LB Number :	LB102011	Operator :	Jaswal
Lab Sample ID :	K2302-01AREDLX2	Instrumnet Name :	P8
Client Sample ID :	MH0YW7A	Dilution Factor :	2
Date & Time Acquired ::	2019-04-10 14:05:10	DataFile Name :	027SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	972.80	969.72	964.55	969.02	0.43	ppb
Molybdenum	94-1	3.50	3.58	3.19	3.43	6.02	ppb
Molybdenum	95-1	2.00	2.18	1.80	2.00	9.51	ppb
Molybdenum	96-1	2.38	2.36	2.40	2.38	0.86	ppb
Molybdenum	97-1	2.01	1.99	1.80	1.94	6.17	ppb
Molybdenum	98-1	2.02	2.04	1.99	2.02	1.33	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	40.93	40.40	41.73	41.02	1.64	ppb
Phosphorus	31-2	2203.09	2260.89	2353.18	2272.39	3.33	ppb
Potassium	39-2	4354.52	4346.60	4299.76	4333.63	0.68	ppb
Rhodium	103-1				98		%
Rhodium	103-2				98		%
Scandium	45-1				100		%
Scandium	45-2				98		%
Selenium	77-2	47.69	36.91	32.94	39.18	19.49	ppb
Selenium	78-2	5.49	9.22	7.54	7.42	25.19	ppb
Selenium	82-1	0.59	3.62	2.19	2.14	70.84	ppb
Silicon	28-1	1772.82	2032.61	1882.77	1896.07	6.88	ppb
Silver	109-1	1.79	1.90	1.84	1.85	2.97	ppb
Silver	107-1	1.83	1.84	1.85	1.84	0.62	ppb
Sodium	23-2	402.42	392.15	405.27	399.94	1.73	ppb
Strontium	86-1	304.48	307.13	304.49	305.36	0.50	ppb
Strontium	88-1	308.41	317.66	307.56	311.21	1.80	ppb
Sulfur	34-1	-10498.45	-10142.69	-10170.33	-10270.49		ppb
Terbium	159-1				99		%
Terbium	159-2				98		%
Thallium	203-1	0.61	0.47	0.51	0.53	13.99	ppb
Thallium	205-1	0.49	0.58	0.57	0.55	9.18	ppb
Tin	118-1	6.84	6.89	6.89	6.87	0.37	ppb
Titanium	47-1	243.04	249.31	243.92	245.42	1.38	ppb
Uranium	238-1	2.78	2.86	2.86	2.83	1.73	ppb
Vanadium	51-2	51.94	51.31	51.16	51.47	0.80	ppb
Yttrium	89-1				108		%
Yttrium	89-2				107		%
Zinc	66-2	407.44	407.66	406.88	407.33	0.10	ppb

LB Number :	LB102011	Operator :	Jaswal
Lab Sample ID :	K2302-01AREDLX2	Instrumnet Name :	P8
Client Sample ID :	MH0YW7A	Dilution Factor :	2
Date & Time Acquired ::	2019-04-10 14:05:10	DataFile Name :	027SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	90-1	1.46	1.40	1.40	1.42	2.59	ppb
Zirconium	91-1	1.53	1.33	1.39	1.42	7.25	ppb

LB Number :	LB102011	Operator :	Jaswal
Lab Sample ID :	K2300-06ADLX2	Instrumnet Name :	P8
Client Sample ID :	MH0YW6A	Dilution Factor :	2
Date & Time Acquired ::	2019-04-10 14:09:59	DataFile Name :	028SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	24213.18	23512.29	24339.53	24021.67	1.86	ppb
Antimony	121-1	3.52	3.65	3.61	3.60	1.89	ppb
Arsenic	75-2	23.04	22.84	24.55	23.48	3.97	ppb
Barium	135-1	1345.92	1356.73	1338.34	1347.00	0.69	ppb
Barium	137-1	1364.80	1373.90	1356.92	1365.21	0.62	ppb
Beryllium	9-1	4.34	4.14	3.84	4.11	6.12	ppb
Bismuth	209-1				95		%
Bismuth	209-2				90		%
Boron	10-1	91.56	94.70	89.16	91.81	3.03	ppb
Boron	11-1	87.48	92.02	91.94	90.48	2.87	ppb
Cadmium	111-1	9.74	9.59	8.93	9.42	4.55	ppb
Cadmium	106-1	14.21	9.45	7.97	10.54	30.95	ppb
Cadmium	108-1	9.42	9.15	10.18	9.58	5.60	ppb
Calcium	43-1	110460.36	109183.58	109133.88	109592.61	0.69	ppb
Calcium	44-1	110058.38	110485.02	109294.84	109946.08	0.55	ppb
Chromium	52-2	151.53	148.88	151.45	150.62	1.00	ppb
Cobalt	59-2	62.15	59.92	60.47	60.85	1.91	ppb
Copper	63-2	212.91	206.03	210.66	209.86	1.67	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				100		%
Holmium	165-2				98		%
Indium	115-1				101		%
Indium	115-2				97		%
Iron	56-2	33356.34	32529.01	33208.36	33031.24	1.34	ppb
Iron	57-2	33231.35	32551.51	32826.15	32869.67	1.04	ppb
Krypton	83-1						cps
Lead	206-1	1934.23	1930.54	1947.04	1937.27	0.45	ppb
Lead	207-1	1823.67	1848.13	1836.31	1836.03	0.67	ppb
Lead	208-1	1847.69	1864.43	1871.21	1861.11	0.65	ppb
Lithium	6-1				89		%
Magnesium	24-2	7694.87	7639.09	7559.69	7631.22	0.89	ppb

LB Number :	LB102011	Operator :	Jaswal
Lab Sample ID :	K2300-06ADLX2	Instrumnet Name :	P8
Client Sample ID :	MH0YW6A	Dilution Factor :	2
Date & Time Acquired ::	2019-04-10 14:09:59	DataFile Name :	028SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	1743.24	1706.76	1722.31	1724.10	1.06	ppb
Molybdenum	94-1	7.63	7.82	7.95	7.80	2.03	ppb
Molybdenum	95-1	3.51	2.93	3.37	3.27	9.20	ppb
Molybdenum	96-1	3.96	4.04	4.08	4.03	1.48	ppb
Molybdenum	97-1	3.45	3.16	3.28	3.30	4.43	ppb
Molybdenum	98-1	3.23	3.50	3.28	3.34	4.34	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	133.33	129.24	131.26	131.28	1.56	ppb
Phosphorus	31-2	3441.24	3734.60	3827.55	3667.80	5.50	ppb
Potassium	39-2	3660.92	3608.61	3625.50	3631.67	0.74	ppb
Rhodium	103-1				99		%
Rhodium	103-2				100		%
Scandium	45-1				104		%
Scandium	45-2				101		%
Selenium	77-2	23.79	50.86	34.62	36.42	37.41	ppb
Selenium	78-2	8.50	9.14	5.43	7.69	25.78	ppb
Selenium	82-1	1.40	1.23	1.81	1.48	20.09	ppb
Silicon	28-1	3833.33	3687.26	3640.52	3720.37	2.70	ppb
Silver	109-1	3.07	3.16	3.10	3.11	1.49	ppb
Silver	107-1	3.23	3.21	3.19	3.21	0.68	ppb
Sodium	23-2	2229.01	2159.88	2131.96	2173.62	2.30	ppb
Strontium	86-1	717.05	729.94	717.45	721.48	1.02	ppb
Strontium	88-1	734.01	729.09	717.94	727.01	1.13	ppb
Sulfur	34-1	-9432.74	-10352.50	-10750.71	-10178.65		ppb
Terbium	159-1				101		%
Terbium	159-2				98		%
Thallium	203-1	0.65	0.63	0.63	0.64	1.94	ppb
Thallium	205-1	0.64	0.61	0.63	0.63	2.51	ppb
Tin	118-1	55.98	55.44	56.54	55.99	0.98	ppb
Titanium	47-1	570.27	551.32	553.72	558.43	1.85	ppb
Uranium	238-1	4.74	4.66	4.71	4.70	0.95	ppb
Vanadium	51-2	278.32	274.96	279.40	277.56	0.84	ppb
Yttrium	89-1				113		%
Yttrium	89-2				112		%
Zinc	66-2	1880.29	1831.00	1883.90	1865.06	1.58	ppb

LB Number :	LB102011	Operator :	Jaswal
Lab Sample ID :	K2300-06ADLX2	Instrumnet Name :	P8
Client Sample ID :	MH0YW6A	Dilution Factor :	2
Date & Time Acquired ::	2019-04-10 14:09:59	DataFile Name :	028SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	90-1	3.70	3.78	3.59	3.69	2.57	ppb
Zirconium	91-1	3.73	3.82	3.70	3.75	1.71	ppb

LB Number :	LB102011	Operator :	Jaswal
Lab Sample ID :	K2302-01ADLX2	Instrumnet Name :	P8
Client Sample ID :	MH0YW7A	Dilution Factor :	2
Date & Time Acquired ::	2019-04-10 14:15:34	DataFile Name :	029SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	12317.08	12423.65	12316.86	12352.53	0.50	ppb
Antimony	121-1	1.29	1.46	1.31	1.35	6.93	ppb
Arsenic	75-2	33.53	33.21	34.48	33.74	1.95	ppb
Barium	135-1	504.67	533.60	525.75	521.34	2.87	ppb
Barium	137-1	513.92	534.49	529.79	526.07	2.05	ppb
Beryllium	9-1	1.37	1.68	1.39	1.48	11.87	ppb
Bismuth	209-1				96		%
Bismuth	209-2				94		%
Boron	10-1	17.30	12.17	14.88	14.78	17.34	ppb
Boron	11-1	13.80	13.91	12.89	13.53	4.13	ppb
Cadmium	111-1	4.53	4.87	5.16	4.85	6.52	ppb
Cadmium	106-1	5.22	3.05	3.69	3.99	27.90	ppb
Cadmium	108-1	5.76	4.92	4.02	4.90	17.75	ppb
Calcium	43-1	77908.96	78020.64	77372.53	77767.38	0.45	ppb
Calcium	44-1	78071.19	78738.95	78141.91	78317.35	0.47	ppb
Chromium	52-2	31.96	31.68	31.12	31.59	1.36	ppb
Cobalt	59-2	13.74	13.92	13.71	13.79	0.80	ppb
Copper	63-2	115.55	116.11	115.67	115.78	0.25	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				100		%
Holmium	165-2				101		%
Indium	115-1				101		%
Indium	115-2				99		%
Iron	56-2	27965.53	28423.03	28287.39	28225.32	0.83	ppb
Iron	57-2	27908.67	28154.97	28003.27	28022.30	0.44	ppb
Krypton	83-1						cps
Lead	206-1	548.92	550.58	546.02	548.51	0.42	ppb
Lead	207-1	505.18	511.31	512.00	509.50	0.74	ppb
Lead	208-1	523.12	522.60	526.54	524.09	0.41	ppb
Lithium	6-1				90		%
Magnesium	24-2	10141.98	10023.94	10007.88	10057.93	0.73	ppb

LB Number :	LB102011	Operator :	Jaswal
Lab Sample ID :	K2302-01ADLX2	Instrumnet Name :	P8
Client Sample ID :	MH0YW7A	Dilution Factor :	2
Date & Time Acquired ::	2019-04-10 14:15:34	DataFile Name :	029SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	948.25	962.95	956.75	955.98	0.77	ppb
Molybdenum	94-1	3.44	3.45	3.94	3.61	7.83	ppb
Molybdenum	95-1	2.16	1.87	1.94	1.99	7.60	ppb
Molybdenum	96-1	2.13	2.31	2.49	2.31	7.81	ppb
Molybdenum	97-1	2.20	1.76	1.79	1.92	12.98	ppb
Molybdenum	98-1	1.92	1.86	1.96	1.91	2.62	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	39.51	41.31	40.22	40.35	2.24	ppb
Phosphorus	31-2	2420.11	2698.79	2220.58	2446.49	9.82	ppb
Potassium	39-2	4279.64	4217.37	4233.95	4243.65	0.76	ppb
Rhodium	103-1				100		%
Rhodium	103-2				101		%
Scandium	45-1				103		%
Scandium	45-2				102		%
Selenium	77-2	42.67	38.24	50.74	43.88	14.45	ppb
Selenium	78-2	16.59	14.07	19.32	16.66	15.77	ppb
Selenium	82-1	11.57	11.97	10.09	11.21	8.85	ppb
Silicon	28-1	1745.38	1757.46	1620.90	1707.91	4.43	ppb
Silver	109-1	1.64	1.87	1.81	1.78	6.58	ppb
Silver	107-1	1.65	1.78	1.64	1.69	4.75	ppb
Sodium	23-2	382.31	360.60	365.97	369.63	3.06	ppb
Strontium	86-1	303.81	297.17	293.89	298.29	1.69	ppb
Strontium	88-1	304.36	302.19	303.56	303.37	0.36	ppb
Sulfur	34-1	-9889.57	-9924.36	-10180.67	-9998.20		ppb
Terbium	159-1				101		%
Terbium	159-2				101		%
Thallium	203-1	0.49	0.61	0.51	0.54	11.80	ppb
Thallium	205-1	0.55	0.54	0.50	0.53	5.36	ppb
Tin	118-1	6.44	6.79	6.59	6.61	2.66	ppb
Titanium	47-1	235.28	234.78	236.83	235.63	0.45	ppb
Uranium	238-1	2.65	2.68	2.73	2.69	1.48	ppb
Vanadium	51-2	50.00	51.16	50.12	50.43	1.26	ppb
Yttrium	89-1				110		%
Yttrium	89-2				110		%
Zinc	66-2	397.84	397.12	397.08	397.35	0.11	ppb

LB Number :	LB102011	Operator :	Jaswal
Lab Sample ID :	K2302-01ADLX2	Instrumnet Name :	P8
Client Sample ID :	MH0YW7A	Dilution Factor :	2
Date & Time Acquired ::	2019-04-10 14:15:34	DataFile Name :	029SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	90-1	1.39	1.45	1.47	1.44	2.81	ppb
Zirconium	91-1	1.52	1.39	1.46	1.46	4.68	ppb

LB Number :	LB102011	Operator :	Jaswal
Lab Sample ID :	CCV074	Instrumnet Name :	P8
Client Sample ID :	CCV074	Dilution Factor :	1
Date & Time Acquired ::	2019-04-10 14:22:49	DataFile Name :	030CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	52375.28	52255.29	52694.17	52441.58	0.43	ppb
Antimony	121-1	522.08	520.74	519.91	520.91	0.21	ppb
Arsenic	75-2	515.80	518.70	517.01	517.17	0.28	ppb
Barium	135-1	2603.69	2625.84	2645.65	2625.06	0.80	ppb
Barium	137-1	2595.89	2656.98	2630.78	2627.88	1.17	ppb
Beryllium	9-1	530.53	517.78	522.93	523.75	1.22	ppb
Bismuth	209-1				99		%
Bismuth	209-2				100		%
Boron	10-1	497.59	502.83	515.44	505.29	1.82	ppb
Boron	11-1	509.59	513.44	514.57	512.53	0.51	ppb
Cadmium	111-1	517.96	512.59	514.79	515.12	0.52	ppb
Cadmium	106-1	520.86	520.62	525.33	522.27	0.51	ppb
Cadmium	108-1	520.47	525.10	517.38	520.98	0.75	ppb
Calcium	43-1	243978.27	249524.61	245472.03	246324.97	1.17	ppb
Calcium	44-1	242940.45	245999.27	241201.72	243380.48	1.00	ppb
Chromium	52-2	509.58	508.28	509.64	509.17	0.15	ppb
Cobalt	59-2	502.07	504.72	502.01	502.93	0.31	ppb
Copper	63-2	980.14	976.83	976.94	977.97	0.19	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				107		%
Holmium	165-2				111		%
Indium	115-1				104		%
Indium	115-2				102		%
Iron	56-2	127200.95	128176.57	127618.31	127665.27	0.38	ppb
Iron	57-2	130829.11	131291.89	130262.23	130794.41	0.39	ppb
Krypton	83-1						cps
Lead	206-1	530.87	532.55	518.33	527.25	1.47	ppb
Lead	207-1	533.28	530.23	517.10	526.87	1.63	ppb
Lead	208-1	535.91	529.48	523.25	529.55	1.20	ppb
Lithium	6-1				92		%
Magnesium	24-2	250070.71	249448.85	248469.08	249329.55	0.32	ppb

LB Number :	LB102011	Operator :	Jaswal
Lab Sample ID :	CCV074	Instrumnet Name :	P8
Client Sample ID :	CCV074	Dilution Factor :	1
Date & Time Acquired ::	2019-04-10 14:22:49	DataFile Name :	030CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	1014.54	1019.71	1027.03	1020.43	0.62	ppb
Molybdenum	94-1	2598.70	2647.04	2547.73	2597.83	1.91	ppb
Molybdenum	95-1	2609.02	2624.32	2550.43	2594.59	1.50	ppb
Molybdenum	96-1	2606.40	2621.73	2549.73	2592.62	1.46	ppb
Molybdenum	97-1	2628.53	2635.50	2526.98	2597.00	2.34	ppb
Molybdenum	98-1	2587.40	2584.11	2532.53	2568.01	1.20	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	506.15	501.45	507.44	505.01	0.62	ppb
Phosphorus	31-2	10282.34	10090.52	10088.99	10153.95	1.10	ppb
Potassium	39-2	123045.84	124474.72	125443.02	124321.19	0.97	ppb
Rhodium	103-1				100		%
Rhodium	103-2				102		%
Scandium	45-1				105		%
Scandium	45-2				106		%
Selenium	77-2	483.52	510.23	501.43	498.39	2.73	ppb
Selenium	78-2	530.94	565.59	507.12	534.55	5.50	ppb
Selenium	82-1	503.51	514.65	496.72	504.96	1.79	ppb
Silicon	28-1	829.91	859.00	754.22	814.38	6.64	ppb
Silver	109-1	514.08	509.11	512.75	511.98	0.50	ppb
Silver	107-1	511.08	512.76	509.02	510.95	0.37	ppb
Sodium	23-2	248384.51	247747.65	249289.96	248474.04	0.31	ppb
Strontium	86-1	503.13	518.24	504.33	508.57	1.65	ppb
Strontium	88-1	519.28	521.03	510.82	517.04	1.06	ppb
Sulfur	34-1	7262.66	5827.62	3817.88	5636.06	30.70	ppb
Terbium	159-1				106		%
Terbium	159-2				109		%
Thallium	203-1	516.94	531.11	515.37	521.14	1.66	ppb
Thallium	205-1	530.91	547.26	532.07	536.75	1.70	ppb
Tin	118-1	517.65	517.39	511.95	515.66	0.62	ppb
Titanium	47-1	2545.08	2572.01	2516.54	2544.55	1.09	ppb
Uranium	238-1	558.62	552.64	536.03	549.10	2.13	ppb
Vanadium	51-2	516.40	517.34	520.01	517.92	0.36	ppb
Yttrium	89-1				106		%
Yttrium	89-2				107		%
Zinc	66-2	994.59	1020.23	1017.15	1010.66	1.39	ppb

LB Number :	LB102011	Operator :	Jaswal
Lab Sample ID :	CCV074	Instrumnet Name :	P8
Client Sample ID :	CCV074	Dilution Factor :	1
Date & Time Acquired ::	2019-04-10 14:22:49	DataFile Name :	030CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	90-1	523.05	533.58	514.76	523.80	1.80	ppb
Zirconium	91-1	516.21	524.87	506.89	515.99	1.74	ppb

LB Number : LB102011 Operator : Jaswal
 Lab Sample ID : CCB074 Instrumnet Name : P8
 Client Sample ID : CCB074 Dilution Factor : 1
 Date & Time Acquired :: 2019-04-10 14:34:57 DataFile Name : 031CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	-0.25	1.25	-1.31	-0.10		ppb
Antimony	121-1	0.01	0.01	0.02	0.01	55.45	ppb
Arsenic	75-2	0.01	0.07	0.02	0.03	101.39	ppb
Barium	135-1	0.03	0.05	0.03	0.04	21.80	ppb
Barium	137-1	-0.02	0.05	0.02	0.02	198.85	ppb
Beryllium	9-1	0.03	-0.01	0.04	0.02	164.41	ppb
Bismuth	209-1				101		%
Bismuth	209-2				98		%
Boron	10-1	3.23	2.67	3.28	3.06	11.14	ppb
Boron	11-1	3.09	3.15	2.98	3.08	2.76	ppb
Cadmium	111-1	0.05	-0.19	0.08	-0.02		ppb
Cadmium	106-1	0.73	-2.55	1.09	-0.24		ppb
Cadmium	108-1	0.17	0.00	0.00	0.05	176.01	ppb
Calcium	43-1	-14.78	-18.19	-48.44	-27.14		ppb
Calcium	44-1	-5.93	-6.43	-7.17	-6.51		ppb
Chromium	52-2	0.04	0.02	0.05	0.04	51.44	ppb
Cobalt	59-2	-0.01	-0.02	-0.02	-0.02		ppb
Copper	63-2	0.15	0.20	0.12	0.16	24.43	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				102		%
Holmium	165-2				105		%
Indium	115-1				103		%
Indium	115-2				103		%
Iron	56-2	0.91	0.58	0.74	0.74	22.33	ppb
Iron	57-2	0.02	1.65	2.29	1.32	88.36	ppb
Krypton	83-1						cps
Lead	206-1	0.63	0.53	0.68	0.61	12.97	ppb
Lead	207-1	0.44	0.63	0.56	0.54	17.95	ppb
Lead	208-1	0.54	0.58	0.61	0.58	6.16	ppb
Lithium	6-1				95		%
Magnesium	24-2	0.69	-0.46	0.71	0.32	212.54	ppb

LB Number :	LB102011	Operator :	Jaswal
Lab Sample ID :	CCB074	Instrumnet Name :	P8
Client Sample ID :	CCB074	Dilution Factor :	1
Date & Time Acquired ::	2019-04-10 14:34:57	DataFile Name :	031CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	0.02	0.03	0.00	0.02	110.68	ppb
Molybdenum	94-1	0.06	0.01	0.02	0.03	96.79	ppb
Molybdenum	95-1	0.02	0.06	0.01	0.03	74.47	ppb
Molybdenum	96-1	0.00	0.01	0.00	0.00	187.32	ppb
Molybdenum	97-1	0.06	0.04	0.04	0.05	22.66	ppb
Molybdenum	98-1	0.03	0.02	0.00	0.02	72.25	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	-0.01	0.00	0.01	0.00		ppb
Phosphorus	31-2	-14.81	-41.92	-23.66	-26.80		ppb
Potassium	39-2	6.74	2.14	-13.61	-1.58		ppb
Rhodium	103-1				104		%
Rhodium	103-2				106		%
Scandium	45-1				105		%
Scandium	45-2				104		%
Selenium	77-2	-1.46	0.63	0.65	-0.06		ppb
Selenium	78-2	-0.99	0.42	0.08	-0.17		ppb
Selenium	82-1	-1.11	-0.19	-0.07	-0.45		ppb
Silicon	28-1	355.94	362.46	400.72	373.04	6.49	ppb
Silver	109-1	0.05	0.05	0.04	0.05	8.45	ppb
Silver	107-1	0.00	0.04	0.04	0.03	72.89	ppb
Sodium	23-2	40.33	45.11	41.90	42.45	5.74	ppb
Strontium	86-1	0.00	-0.11	-0.25	-0.12		ppb
Strontium	88-1	0.01	0.01	0.02	0.01	24.79	ppb
Sulfur	34-1	-9846.46	-9437.04	-9073.76	-9452.42		ppb
Terbium	159-1				102		%
Terbium	159-2				105		%
Thallium	203-1	0.10	0.04	0.07	0.07	41.56	ppb
Thallium	205-1	0.07	0.06	0.08	0.07	16.12	ppb
Tin	118-1	-0.01	0.01	-0.02	-0.01		ppb
Titanium	47-1	-0.43	-0.50	-1.07	-0.67		ppb
Uranium	238-1	-0.01	0.00	-0.01	-0.01		ppb
Vanadium	51-2	0.00	-0.02	0.00	-0.01		ppb
Yttrium	89-1				103		%
Yttrium	89-2				105		%
Zinc	66-2	0.26	0.19	0.33	0.26	27.43	ppb

LB Number :	LB102011	Operator :	Jaswal
Lab Sample ID :	CCB074	Instrumnet Name :	P8
Client Sample ID :	CCB074	Dilution Factor :	1
Date & Time Acquired ::	2019-04-10 14:34:57	DataFile Name :	031CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	90-1	0.01	0.00	0.00	0.00	179.15	ppb
Zirconium	91-1	0.01	-0.04	0.00	-0.01		ppb

LB Number : LB102011 Operator : Jaswal
 Lab Sample ID : S00 Instrumnet Name : P8
 Client Sample ID : S00 Dilution Factor : 1
 Date & Time Acquired :: 2019-04-10 12:07:01 DataFile Name : 003CALB.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	95	95	75	88	13.07	cps
Antimony	121-1	25	25	75	42	69.28	cps
Arsenic	75-2	2	2	4	2	43.30	cps
Barium	135-1	0	0	17	6	173.21	cps
Barium	137-1	33	17	33	28	34.63	cps
Beryllium	9-1	30	20	7	19	61.96	cps
Bismuth	209-1	1651609	1661374	1631035	1648006	0.94	cps
Bismuth	209-2	1266324	1258202	1231074	1251866	1.47	cps
Boron	10-1	25	33	25	28	17.31	cps
Boron	11-1	142	183	167	164	12.80	cps
Cadmium	111-1	1410	1641	1378	1476	9.74	cps
Cadmium	106-1	2017	2325	1950	2097	9.54	cps
Cadmium	108-1	8	4	0	4	99.96	cps
Calcium	43-1	2660	2794	2517	2657	5.21	cps
Calcium	44-1	37219	37370	37102	37231	0.36	cps
Chromium	52-2	420	437	430	429	1.96	cps
Cobalt	59-2	37	60	60	52	25.79	cps
Copper	63-2	287	370	267	308	17.81	cps
Dysprosium	156-1	8	0	0	3	173.21	cps
Dysprosium	156-2	3	3	3	3	0.00	cps
Erbium	164-1	33	25	17	25	33.32	cps
Erbium	164-2	13	3	0	6	124.93	cps
Gadolinium	160-1	8	25	58	31	83.33	cps
Gadolinium	160-2	17	3	7	9	78.08	cps
Holmium	165-1	2764384	2801096	2781548	2782343	0.66	cps
Holmium	165-2	1736274	1738910	1678218	1717801	2.00	cps
Indium	115-1	2452189	2548631	2486120	2495647	1.96	cps
Indium	115-2	470879	473958	464653	469830	1.01	cps
Iron	56-2	422	811	567	600	32.76	cps
Iron	57-2	28	39	28	31	20.37	cps
Krypton	83-1	337	480	383	400	18.28	cps
Lead	206-1	133	272	211	206	33.87	cps
Lead	207-1	211	200	222	211	5.26	cps
Lead	208-1	844	928	900	891	4.76	cps
Lithium	6-1	155354	157483	157247	156695	0.74	cps
Magnesium	24-2	50	83	58	64	27.15	cps

LB Number :	LB102011	Operator :	Jaswal
Lab Sample ID :	S00	Instrumnet Name :	P8
Client Sample ID :	S00	Dilution Factor :	1
Date & Time Acquired ::	2019-04-10 12:07:01	DataFile Name :	003CALB.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	17	7	10	11	45.82	cps
Molybdenum	94-1	108	50	67	75	40.06	cps
Molybdenum	95-1	25	33	42	33	25.01	cps
Molybdenum	96-1	17	50	67	44	57.28	cps
Molybdenum	97-1	0	8	33	14	124.91	cps
Molybdenum	98-1	50	50	42	47	10.18	cps
Neodymium	150-1	7	0	0	2	173.21	cps
Neodymium	150-2	0	0	3	1	173.21	cps
Nickel	60-2	3	30	17	17	80.01	cps
Phosphorus	31-2	42	25	25	31	31.50	cps
Potassium	39-2	11305	10604	10905	10938	3.21	cps
Rhodium	103-1	2417943	2426947	2438960	2427950	0.43	cps
Rhodium	103-2	1619553	1627572	1587586	1611571	1.31	cps
Scandium	45-1	1648116	1643717	1619805	1637212	0.93	cps
Scandium	45-2	56410	55091	55258	55586	1.29	cps
Selenium	77-2	7	0	0	2	173.21	cps
Selenium	78-2	4	4	7	5	43.39	cps
Selenium	82-1	93	-127	45	4	3130.82	cps
Silicon	28-1	5949777	6008834	5957249	5971953	0.54	cps
Silver	109-1	75	100	92	89	14.33	cps
Silver	107-1	125	133	142	133	6.25	cps
Sodium	23-2	8745	9162	9137	9014	2.59	cps
Strontium	86-1	667	700	808	725	10.22	cps
Strontium	88-1	33	42	42	39	12.38	cps
Sulfur	34-1	339969	340854	341353	340725	0.21	cps
Terbium	159-1	2972997	2919824	2898543	2930455	1.31	cps
Terbium	159-2	1745054	1806875	1729859	1760596	2.32	cps
Thallium	203-1	25	17	67	36	74.18	cps
Thallium	205-1	17	83	67	56	62.45	cps
Tin	118-1	125	150	125	133	10.82	cps
Titanium	47-1	4568	4626	4409	4534	2.47	cps
Uranium	238-1	25	50	117	64	74.17	cps
Vanadium	51-2	23	27	17	22	22.91	cps
Yttrium	89-1	2746311	2803156	2758509	2769325	1.08	cps
Yttrium	89-2	364397	365963	354529	361630	1.71	cps
Zinc	66-2	70	67	70	69	2.79	cps

LB Number :	LB102011	Operator :	Jaswal
Lab Sample ID :	S00	Instrumnet Name :	P8
Client Sample ID :	S00	Dilution Factor :	1
Date & Time Acquired ::	2019-04-10 12:07:01	DataFile Name :	003CALB.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	90-1	250	225	192	222	13.17	cps
Zirconium	91-1	125	92	67	94	30.99	cps

LB Number :	LB102011	Operator :	Jaswal
Lab Sample ID :	S02	Instrumnet Name :	P8
Client Sample ID :	S02	Dilution Factor :	1
Date & Time Acquired ::	2019-04-10 12:18:12	DataFile Name :	006CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	203	193	220	205	6.79	cps
Antimony	121-1	6502	5760	5785	6016	7.00	cps
Arsenic	75-2	146	146	131	141	6.05	cps
Barium	135-1	6235	6002	6277	6171	2.40	cps
Barium	137-1	10947	10588	11180	10905	2.74	cps
Beryllium	9-1	257	340	343	313	15.67	cps
Bismuth	209-1	1728040	1698060	1710826	1712309	0.88	cps
Bismuth	209-2	1227996	1242426	1283984	1251468	2.32	cps
Boron	10-1	975	925	908	936	3.71	cps
Boron	11-1	5343	5685	5460	5496	3.16	cps
Cadmium	111-1	1948	2094	2151	2064	5.07	cps
Cadmium	106-1	1975	2150	2100	2075	4.34	cps
Cadmium	108-1	50	46	88	61	37.55	cps
Calcium	43-1	6315	6272	5891	6159	3.78	cps
Calcium	44-1	96454	96213	94917	95861	0.86	cps
Chromium	52-2	2154	2384	2177	2238	5.66	cps
Cobalt	59-2	1750	1627	1547	1641	6.24	cps
Copper	63-2	2867	2934	2970	2924	1.79	cps
Dysprosium	156-1	8	8	8	8	0.00	cps
Dysprosium	156-2	0	3	0	1	173.21	cps
Erbium	164-1	8	17	0	8	100.02	cps
Erbium	164-2	0	3	7	3	100.05	cps
Gadolinium	160-1	17	25	25	22	21.64	cps
Gadolinium	160-2	7	20	13	13	49.99	cps
Holmium	165-1	2902979	2907048	2872778	2894268	0.65	cps
Holmium	165-2	1754937	1750968	1824628	1776844	2.33	cps
Indium	115-1	2594318	2560216	2580551	2578362	0.67	cps
Indium	115-2	461971	466254	481242	469822	2.15	cps
Iron	56-2	35546	35919	34939	35468	1.40	cps
Iron	57-2	883	1006	922	937	6.66	cps
Krypton	83-1	500	423	470	464	8.32	cps
Lead	206-1	1633	1656	1861	1717	7.32	cps
Lead	207-1	1439	1450	1506	1465	2.44	cps
Lead	208-1	6601	6556	6851	6669	2.38	cps
Lithium	6-1	148009	147514	147051	147525	0.32	cps
Magnesium	24-2	18813	17361	17920	18032	4.06	cps

LB Number :	LB102011	Operator :	Jaswal
Lab Sample ID :	S02	Instrumnet Name :	P8
Client Sample ID :	S02	Dilution Factor :	1
Date & Time Acquired ::	2019-04-10 12:18:12	DataFile Name :	006CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	327	383	300	337	12.64	cps
Molybdenum	94-1	5226	5276	5235	5246	0.51	cps
Molybdenum	95-1	6202	6619	6594	6471	3.61	cps
Molybdenum	96-1	7361	7311	7252	7308	0.74	cps
Molybdenum	97-1	4042	3726	4009	3926	4.43	cps
Molybdenum	98-1	10229	10771	10713	10571	2.82	cps
Neodymium	150-1	0	7	0	2	173.21	cps
Neodymium	150-2	0	0	0	0	0.00	cps
Nickel	60-2	450	473	480	468	3.37	cps
Phosphorus	31-2	58	100	67	75	29.40	cps
Potassium	39-2	26459	26517	25866	26281	1.37	cps
Rhodium	103-1	2483434	2500304	2530185	2504641	0.95	cps
Rhodium	103-2	1649097	1647746	1712968	1669937	2.23	cps
Scandium	45-1	1685515	1696181	1680967	1687554	0.46	cps
Scandium	45-2	53689	55211	56952	55284	2.95	cps
Selenium	77-2	7	17	13	12	41.65	cps
Selenium	78-2	35	30	28	31	12.49	cps
Selenium	82-1	123	257	171	184	36.84	cps
Silicon	28-1	6059444	6050323	6050884	6053550	0.08	cps
Silver	109-1	3159	3201	3317	3226	2.55	cps
Silver	107-1	3801	4001	3584	3795	5.49	cps
Sodium	23-2	53176	53602	51636	52804	1.96	cps
Strontium	86-1	1617	1550	1383	1517	7.93	cps
Strontium	88-1	6769	7119	7060	6983	2.69	cps
Sulfur	34-1	339117	340495	341764	340459	0.39	cps
Terbium	159-1	3092147	3083375	3128907	3101476	0.78	cps
Terbium	159-2	1762755	1821243	1847680	1810559	2.40	cps
Thallium	203-1	2192	1809	1992	1997	9.60	cps
Thallium	205-1	4351	4759	4393	4501	4.99	cps
Tin	118-1	9846	10071	10304	10074	2.28	cps
Titanium	47-1	6243	6177	6002	6141	2.03	cps
Uranium	238-1	5276	5468	5093	5279	3.55	cps
Vanadium	51-2	3244	3390	3704	3446	6.82	cps
Yttrium	89-1	2851015	2822447	2813853	2829105	0.69	cps
Yttrium	89-2	354198	361835	372306	362780	2.51	cps
Zinc	66-2	457	427	413	432	5.13	cps

LB Number :	LB102011	Operator :	Jaswal
Lab Sample ID :	S02	Instrumnet Name :	P8
Client Sample ID :	S02	Dilution Factor :	1
Date & Time Acquired ::	2019-04-10 12:18:12	DataFile Name :	006CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	90-1	4076	4059	4293	4142	3.14	cps
Zirconium	91-1	1092	950	1008	1017	7.00	cps

LB Number : LB102011 Operator : Jaswal
 Lab Sample ID : S03 Instrumnet Name : P8
 Client Sample ID : S03 Dilution Factor : 1
 Date & Time Acquired :: 2019-04-10 12:22:06 DataFile Name : 007CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	8212	8372	8425	8336	1.33	cps
Antimony	121-1	153285	156136	152346	153923	1.28	cps
Arsenic	75-2	7526	7567	7721	7605	1.35	cps
Barium	135-1	156002	153443	152993	154146	1.05	cps
Barium	137-1	264587	257399	262904	261630	1.44	cps
Beryllium	9-1	15495	15876	15565	15645	1.29	cps
Bismuth	209-1	1732987	1730745	1720724	1728152	0.38	cps
Bismuth	209-2	1275434	1273171	1306179	1284928	1.44	cps
Boron	10-1	2200	2225	1925	2117	7.86	cps
Boron	11-1	10321	10396	10663	10460	1.72	cps
Cadmium	111-1	38576	37398	37170	37714	2.00	cps
Cadmium	106-1	5952	5468	5476	5632	4.92	cps
Cadmium	108-1	2675	2634	2675	2661	0.90	cps
Calcium	43-1	40746	40809	40859	40805	0.14	cps
Calcium	44-1	663211	650152	659495	657619	1.02	cps
Chromium	52-2	48203	48598	47588	48129	1.06	cps
Cobalt	59-2	85091	84709	84186	84662	0.54	cps
Copper	63-2	134870	134863	132838	134190	0.87	cps
Dysprosium	156-1	8	8	8	8	0.00	cps
Dysprosium	156-2	3	0	3	2	86.60	cps
Erbium	164-1	33	8	0	14	124.92	cps
Erbium	164-2	7	0	10	6	91.64	cps
Gadolinium	160-1	25	25	17	22	21.64	cps
Gadolinium	160-2	7	10	10	9	21.63	cps
Holmium	165-1	2855072	2826922	2920482	2867492	1.67	cps
Holmium	165-2	1800553	1802002	1850822	1817793	1.57	cps
Indium	115-1	2563364	2573711	2564420	2567165	0.22	cps
Indium	115-2	474153	469541	484492	476062	1.61	cps
Iron	56-2	1728091	1727339	1748997	1734809	0.71	cps
Iron	57-2	41886	42504	41991	42127	0.79	cps
Krypton	83-1	427	460	470	452	5.02	cps
Lead	206-1	77363	76912	75938	76738	0.95	cps
Lead	207-1	70557	69460	68624	69547	1.39	cps
Lead	208-1	311028	309227	306202	308819	0.79	cps
Lithium	6-1	144385	148474	143116	145325	1.93	cps
Magnesium	24-2	182398	183207	184667	183424	0.63	cps

LB Number :	LB102011	Operator :	Jaswal
Lab Sample ID :	S03	Instrumnet Name :	P8
Client Sample ID :	S03	Dilution Factor :	1
Date & Time Acquired ::	2019-04-10 12:22:06	DataFile Name :	007CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	33343	34760	34499	34201	2.20	cps
Molybdenum	94-1	263058	262415	258672	261382	0.91	cps
Molybdenum	95-1	329535	323620	322747	325301	1.14	cps
Molybdenum	96-1	362318	352648	352958	355975	1.54	cps
Molybdenum	97-1	201276	194759	198103	198046	1.65	cps
Molybdenum	98-1	515373	507398	505689	509487	1.01	cps
Neodymium	150-1	0	27	13	13	100.01	cps
Neodymium	150-2	0	0	3	1	173.21	cps
Nickel	60-2	24679	24251	24595	24508	0.92	cps
Phosphorus	31-2	1050	708	808	856	20.53	cps
Potassium	39-2	91414	90373	89492	90427	1.06	cps
Rhodium	103-1	2434565	2495407	2450631	2460201	1.28	cps
Rhodium	103-2	1681243	1671968	1707451	1686887	1.09	cps
Scandium	45-1	1648144	1655678	1665927	1656583	0.54	cps
Scandium	45-2	55031	54847	56513	55464	1.65	cps
Selenium	77-2	77	73	53	68	18.62	cps
Selenium	78-2	263	285	263	270	4.74	cps
Selenium	82-1	2521	2486	2376	2461	3.07	cps
Silicon	28-1	6112212	6120295	6077567	6103358	0.37	cps
Silver	109-1	158652	155297	155414	156454	1.22	cps
Silver	107-1	165690	164113	163888	164564	0.60	cps
Sodium	23-2	470846	475821	470661	472442	0.62	cps
Strontium	86-1	44081	43129	43579	43596	1.09	cps
Strontium	88-1	368356	362321	362516	364398	0.94	cps
Sulfur	34-1	352304	352751	357492	354182	0.81	cps
Terbium	159-1	3060234	3016756	3026015	3034335	0.75	cps
Terbium	159-2	1872492	1825558	1893549	1863866	1.87	cps
Thallium	203-1	97758	94599	95416	95925	1.71	cps
Thallium	205-1	228883	221603	223092	224526	1.71	cps
Tin	118-1	102307	99629	99520	100486	1.57	cps
Titanium	47-1	94426	92664	93922	93670	0.97	cps
Uranium	238-1	279557	281210	277508	279425	0.66	cps
Vanadium	51-2	34850	34904	35061	34938	0.31	cps
Yttrium	89-1	2780288	2883182	2831773	2831748	1.82	cps
Yttrium	89-2	368226	366246	372272	368915	0.83	cps
Zinc	66-2	18990	18389	18629	18669	1.62	cps

LB Number :	LB102011	Operator :	Jaswal
Lab Sample ID :	S03	Instrumnet Name :	P8
Client Sample ID :	S03	Dilution Factor :	1
Date & Time Acquired ::	2019-04-10 12:22:06	DataFile Name :	007CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	90-1	225192	218136	219612	220980	1.68	cps
Zirconium	91-1	47977	49091	48939	48669	1.24	cps

LB Number :	LB102011	Operator :	Jaswal
Lab Sample ID :	S04	Instrumnet Name :	P8
Client Sample ID :	S04	Dilution Factor :	1
Date & Time Acquired ::	2019-04-10 12:26:00	DataFile Name :	008CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	20811	20543	20718	20690	0.66	cps
Antimony	121-1	390447	398166	397869	395494	1.11	cps
Arsenic	75-2	18815	19356	18831	19001	1.62	cps
Barium	135-1	392333	395821	396797	394984	0.59	cps
Barium	137-1	674820	684580	685836	681746	0.88	cps
Beryllium	9-1	40099	39585	39621	39768	0.72	cps
Bismuth	209-1	1964799	1833382	1803694	1867292	4.59	cps
Bismuth	209-2	1344554	1306515	1290677	1313915	2.11	cps
Boron	10-1	4984	4826	4901	4904	1.62	cps
Boron	11-1	25966	27035	25866	26289	2.47	cps
Cadmium	111-1	93754	94714	94396	94288	0.52	cps
Cadmium	106-1	11764	11247	11422	11478	2.29	cps
Cadmium	108-1	6460	6698	6819	6659	2.74	cps
Calcium	43-1	98008	101207	100432	99882	1.67	cps
Calcium	44-1	1625557	1638236	1641574	1635123	0.52	cps
Chromium	52-2	120369	119522	118301	119397	0.87	cps
Cobalt	59-2	211355	210362	209832	210516	0.37	cps
Copper	63-2	336687	335357	329369	333804	1.17	cps
Dysprosium	156-1	17	25	17	19	24.73	cps
Dysprosium	156-2	7	3	0	3	100.05	cps
Erbium	164-1	17	17	17	17	0.00	cps
Erbium	164-2	7	3	0	3	100.05	cps
Gadolinium	160-1	33	42	58	44	28.65	cps
Gadolinium	160-2	3	7	17	9	78.08	cps
Holmium	165-1	3307858	3060069	2968965	3112297	5.64	cps
Holmium	165-2	1918398	1889994	1832989	1880460	2.31	cps
Indium	115-1	2920051	2684571	2682180	2762267	4.95	cps
Indium	115-2	487451	485400	473253	482035	1.59	cps
Iron	56-2	4357765	4262340	4246601	4288902	1.40	cps
Iron	57-2	107635	106661	106281	106859	0.65	cps
Krypton	83-1	440	370	407	406	8.63	cps
Lead	206-1	196024	196018	198988	197010	0.87	cps
Lead	207-1	178139	177312	177994	177815	0.25	cps
Lead	208-1	793972	799536	806340	799949	0.77	cps
Lithium	6-1	160104	150999	150605	153903	3.49	cps
Magnesium	24-2	452948	452131	447588	450889	0.64	cps

LB Number :	LB102011	Operator :	Jaswal
Lab Sample ID :	S04	Instrumnet Name :	P8
Client Sample ID :	S04	Dilution Factor :	1
Date & Time Acquired ::	2019-04-10 12:26:00	DataFile Name :	008CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	86164	85909	85064	85712	0.67	cps
Molybdenum	94-1	671914	672111	674080	672701	0.18	cps
Molybdenum	95-1	832949	830945	834518	832804	0.22	cps
Molybdenum	96-1	911063	912379	919486	914309	0.50	cps
Molybdenum	97-1	506186	504957	508915	506686	0.40	cps
Molybdenum	98-1	1309736	1314971	1327903	1317537	0.71	cps
Neodymium	150-1	40	13	67	40	66.68	cps
Neodymium	150-2	0	0	3	1	173.21	cps
Nickel	60-2	61237	59078	60457	60258	1.81	cps
Phosphorus	31-2	2350	2267	2334	2317	1.90	cps
Potassium	39-2	209799	207407	206475	207894	0.82	cps
Rhodium	103-1	2791532	2549203	2533453	2624729	5.51	cps
Rhodium	103-2	1728338	1682796	1680813	1697316	1.58	cps
Scandium	45-1	1889646	1721799	1700242	1770562	5.86	cps
Scandium	45-2	57457	55830	55342	56210	1.97	cps
Selenium	77-2	223	173	167	188	16.49	cps
Selenium	78-2	641	689	633	654	4.61	cps
Selenium	82-1	6273	6345	6423	6347	1.19	cps
Silicon	28-1	6188674	6221002	6303398	6237692	0.95	cps
Silver	109-1	409219	409182	409688	409363	0.07	cps
Silver	107-1	420774	419425	427884	422694	1.08	cps
Sodium	23-2	1181004	1201349	1183188	1188514	0.94	cps
Strontium	86-1	108772	110419	108605	109265	0.92	cps
Strontium	88-1	926875	934978	943344	935066	0.88	cps
Sulfur	34-1	361010	366561	361374	362982	0.86	cps
Terbium	159-1	3464045	3255997	3130250	3283431	5.13	cps
Terbium	159-2	1915659	1888454	1881957	1895356	0.94	cps
Thallium	203-1	249341	249795	246025	248387	0.83	cps
Thallium	205-1	588153	584897	587636	586896	0.30	cps
Tin	118-1	254423	259008	259742	257724	1.12	cps
Titanium	47-1	231444	232084	232120	231883	0.16	cps
Uranium	238-1	723444	726884	725247	725192	0.24	cps
Vanadium	51-2	88085	86495	86518	87033	1.05	cps
Yttrium	89-1	3172274	2910815	2931995	3005028	4.83	cps
Yttrium	89-2	377252	369347	368566	371722	1.29	cps
Zinc	66-2	45689	46190	46321	46066	0.72	cps

LB Number :	LB102011	Operator :	Jaswal
Lab Sample ID :	S04	Instrumnet Name :	P8
Client Sample ID :	S04	Dilution Factor :	1
Date & Time Acquired ::	2019-04-10 12:26:00	DataFile Name :	008CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	90-1	557924	559202	569762	562296	1.16	cps
Zirconium	91-1	124618	126088	125047	125251	0.60	cps

LB Number :	LB102011	Operator :	Jaswal
Lab Sample ID :	S05	Instrumnet Name :	P8
Client Sample ID :	S05	Dilution Factor :	1
Date & Time Acquired ::	2019-04-10 12:29:52	DataFile Name :	009CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	41694	41110	40628	41144	1.30	cps
Antimony	121-1	810751	808556	820439	813249	0.78	cps
Arsenic	75-2	38671	39025	38479	38725	0.72	cps
Barium	135-1	816033	808860	824121	816338	0.94	cps
Barium	137-1	1400903	1398160	1442724	1413929	1.77	cps
Beryllium	9-1	79193	79903	80329	79809	0.72	cps
Bismuth	209-1	1832023	1911470	1629860	1791117	8.11	cps
Bismuth	209-2	1316174	1342553	1355282	1338003	1.49	cps
Boron	10-1	10037	11113	10096	10415	5.81	cps
Boron	11-1	53292	53057	52839	53063	0.43	cps
Cadmium	111-1	191103	190769	192015	191296	0.34	cps
Cadmium	106-1	22520	22177	21526	22074	2.29	cps
Cadmium	108-1	13232	13861	14400	13831	4.23	cps
Calcium	43-1	199769	197663	200476	199303	0.73	cps
Calcium	44-1	3220646	3228591	3300496	3249911	1.35	cps
Chromium	52-2	241009	241102	241020	241044	0.02	cps
Cobalt	59-2	425742	421601	420740	422695	0.63	cps
Copper	63-2	671398	677369	665963	671577	0.85	cps
Dysprosium	156-1	0	33	17	17	99.99	cps
Dysprosium	156-2	0	3	0	1	173.21	cps
Erbium	164-1	33	17	0	17	99.99	cps
Erbium	164-2	7	3	7	6	34.70	cps
Gadolinium	160-1	25	25	8	19	49.50	cps
Gadolinium	160-2	10	3	17	10	66.70	cps
Holmium	165-1	3065377	3191476	2770248	3009034	7.18	cps
Holmium	165-2	1909640	1894392	1923902	1909311	0.77	cps
Indium	115-1	2697927	2811901	2424969	2644932	7.52	cps
Indium	115-2	479227	493602	494814	489214	1.77	cps
Iron	56-2	8499636	8641469	8506398	8549168	0.94	cps
Iron	57-2	217269	214917	211428	214538	1.37	cps
Krypton	83-1	510	410	453	458	10.96	cps
Lead	206-1	401941	403374	409816	405044	1.04	cps
Lead	207-1	361162	363711	373810	366228	1.83	cps
Lead	208-1	1627147	1628361	1666988	1640832	1.38	cps
Lithium	6-1	152137	156916	139839	149631	5.89	cps
Magnesium	24-2	913671	904108	897653	905144	0.89	cps

LB Number :	LB102011	Operator :	Jaswal
Lab Sample ID :	S05	Instrumnet Name :	P8
Client Sample ID :	S05	Dilution Factor :	1
Date & Time Acquired ::	2019-04-10 12:29:52	DataFile Name :	009CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	171876	171437	170467	171260	0.42	cps
Molybdenum	94-1	1365679	1366310	1383330	1371773	0.73	cps
Molybdenum	95-1	1693021	1693377	1745989	1710795	1.78	cps
Molybdenum	96-1	1897671	1920180	1949465	1922439	1.35	cps
Molybdenum	97-1	1038573	1029113	1047147	1038278	0.87	cps
Molybdenum	98-1	2706621	2696575	2773124	2725440	1.53	cps
Neodymium	150-1	53	67	7	42	74.61	cps
Neodymium	150-2	7	10	10	9	21.63	cps
Nickel	60-2	119659	120886	120133	120226	0.51	cps
Phosphorus	31-2	4576	4776	4668	4673	2.14	cps
Potassium	39-2	407814	406867	401107	405263	0.90	cps
Rhodium	103-1	2604527	2701297	2328458	2544761	7.60	cps
Rhodium	103-2	1696073	1722958	1737749	1718926	1.23	cps
Scandium	45-1	1751841	1796525	1568121	1705495	7.10	cps
Scandium	45-2	55894	56848	56383	56375	0.85	cps
Selenium	77-2	350	360	343	351	2.39	cps
Selenium	78-2	1319	1307	1452	1359	5.91	cps
Selenium	82-1	13023	12983	12990	12999	0.16	cps
Silicon	28-1	6429683	6428155	6441153	6432997	0.11	cps
Silver	109-1	821758	826092	828972	825607	0.44	cps
Silver	107-1	863446	875576	868620	869214	0.70	cps
Sodium	23-2	2391724	2360916	2339825	2364155	1.10	cps
Strontium	86-1	219711	222310	225921	222647	1.40	cps
Strontium	88-1	1923644	1957154	1973213	1951337	1.30	cps
Sulfur	34-1	380819	378066	377457	378781	0.47	cps
Terbium	159-1	3257733	3406303	2915198	3193078	7.89	cps
Terbium	159-2	1925335	1980802	1981010	1962382	1.63	cps
Thallium	203-1	503512	511062	523473	512682	1.97	cps
Thallium	205-1	1203122	1206532	1225633	1211762	1.00	cps
Tin	118-1	528800	532909	538753	533487	0.94	cps
Titanium	47-1	469053	466325	478140	471173	1.31	cps
Uranium	238-1	1483461	1485763	1524140	1497788	1.53	cps
Vanadium	51-2	176632	176557	173882	175690	0.89	cps
Yttrium	89-1	2993676	3066757	2683345	2914593	6.98	cps
Yttrium	89-2	374954	382129	383729	380271	1.23	cps
Zinc	66-2	91486	94328	91519	92444	1.76	cps

LB Number :	LB102011	Operator :	Jaswal
Lab Sample ID :	S05	Instrumnet Name :	P8
Client Sample ID :	S05	Dilution Factor :	1
Date & Time Acquired ::	2019-04-10 12:29:52	DataFile Name :	009CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	90-1	1151081	1144315	1171515	1155637	1.23	cps
Zirconium	91-1	253897	255892	259253	256347	1.06	cps

LB Number :	LB102011	Operator :	Jaswal
Lab Sample ID :	S06	Instrumnet Name :	P8
Client Sample ID :	S06	Dilution Factor :	1
Date & Time Acquired ::	2019-04-10 12:33:40	DataFile Name :	010CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	82211	82505	81695	82137	0.50	cps
Antimony	121-1	1668560	1710835	1668318	1682571	1.45	cps
Arsenic	75-2	77896	78126	78698	78240	0.53	cps
Barium	135-1	1679976	1722714	1700678	1701123	1.26	cps
Barium	137-1	2862473	2933499	2914327	2903433	1.27	cps
Beryllium	9-1	161495	160651	159028	160391	0.78	cps
Bismuth	209-1	1871053	1882968	1849676	1867899	0.90	cps
Bismuth	209-2	1350369	1354973	1350118	1351820	0.20	cps
Boron	10-1	20874	20332	20532	20579	1.33	cps
Boron	11-1	104261	106577	109406	106748	2.41	cps
Cadmium	111-1	388750	390827	386270	388616	0.59	cps
Cadmium	106-1	41790	41899	41498	41729	0.50	cps
Cadmium	108-1	27549	27933	27069	27517	1.57	cps
Calcium	43-1	394126	399286	398783	397398	0.72	cps
Calcium	44-1	6360722	6449502	6475779	6428668	0.94	cps
Chromium	52-2	487664	481980	481346	483663	0.72	cps
Cobalt	59-2	846960	844853	846789	846201	0.14	cps
Copper	63-2	1339622	1340591	1346468	1342227	0.28	cps
Dysprosium	156-1	50	25	67	47	44.41	cps
Dysprosium	156-2	3	7	13	8	65.47	cps
Erbium	164-1	25	25	8	19	49.50	cps
Erbium	164-2	0	20	3	8	137.80	cps
Gadolinium	160-1	42	25	33	33	25.01	cps
Gadolinium	160-2	10	7	13	10	33.30	cps
Holmium	165-1	3136842	3146186	3114341	3132456	0.52	cps
Holmium	165-2	1911512	1963186	1895370	1923356	1.84	cps
Indium	115-1	2694418	2697567	2657468	2683151	0.83	cps
Indium	115-2	483744	493108	488317	488390	0.96	cps
Iron	56-2	17054792	17311084	17261912	17209263	0.79	cps
Iron	57-2	430700	427904	433476	430694	0.65	cps
Krypton	83-1	443	417	450	437	4.04	cps
Lead	206-1	818955	828391	817010	821452	0.74	cps
Lead	207-1	745030	759559	743421	749337	1.19	cps
Lead	208-1	3367666	3423627	3367967	3386420	0.95	cps
Lithium	6-1	153034	153744	150959	152579	0.95	cps
Magnesium	24-2	1847498	1839871	1815569	1834312	0.91	cps

LB Number :	LB102011	Operator :	Jaswal
Lab Sample ID :	S06	Instrumnet Name :	P8
Client Sample ID :	S06	Dilution Factor :	1
Date & Time Acquired ::	2019-04-10 12:33:40	DataFile Name :	010CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	344624	343018	347509	345050	0.66	cps
Molybdenum	94-1	2786779	2797469	2810835	2798361	0.43	cps
Molybdenum	95-1	3462905	3484062	3492108	3479691	0.43	cps
Molybdenum	96-1	3822888	3924516	3808093	3851832	1.65	cps
Molybdenum	97-1	2175465	2173988	2175716	2175056	0.04	cps
Molybdenum	98-1	5476909	5563783	5500125	5513606	0.82	cps
Neodymium	150-1	53	73	93	73	27.27	cps
Neodymium	150-2	7	7	0	4	86.60	cps
Nickel	60-2	240202	242013	242544	241586	0.51	cps
Phosphorus	31-2	9512	9020	9545	9359	3.14	cps
Potassium	39-2	813404	801797	812434	809212	0.80	cps
Rhodium	103-1	2566806	2587015	2603417	2585746	0.71	cps
Rhodium	103-2	1705953	1758775	1711966	1725564	1.68	cps
Scandium	45-1	1720992	1735627	1718232	1724950	0.54	cps
Scandium	45-2	57025	57049	56613	56896	0.43	cps
Selenium	77-2	767	837	797	800	4.39	cps
Selenium	78-2	2704	2628	2715	2682	1.77	cps
Selenium	82-1	26322	26391	26379	26364	0.14	cps
Silicon	28-1	6681255	6722825	6801509	6735196	0.91	cps
Silver	109-1	1722641	1715306	1706947	1714965	0.46	cps
Silver	107-1	1774542	1803120	1777200	1784954	0.88	cps
Sodium	23-2	4665387	4653112	4603434	4640644	0.71	cps
Strontium	86-1	455038	464670	451919	457209	1.45	cps
Strontium	88-1	3953353	4012714	3928676	3964914	1.09	cps
Sulfur	34-1	409675	410569	405398	408547	0.68	cps
Terbium	159-1	3314766	3338108	3232814	3295229	1.68	cps
Terbium	159-2	1955869	1995537	1948389	1966598	1.29	cps
Thallium	203-1	1043035	1058180	1047488	1049568	0.74	cps
Thallium	205-1	2503555	2527970	2511794	2514440	0.49	cps
Tin	118-1	1081838	1091114	1088462	1087138	0.44	cps
Titanium	47-1	930575	936955	938255	935262	0.44	cps
Uranium	238-1	3132173	3156078	3108323	3132191	0.76	cps
Vanadium	51-2	356055	352549	356830	355145	0.64	cps
Yttrium	89-1	3051209	3074830	2949395	3025145	2.20	cps
Yttrium	89-2	378475	388477	382146	383033	1.32	cps
Zinc	66-2	185635	183500	189219	186118	1.55	cps

LB Number :	LB102011	Operator :	Jaswal
Lab Sample ID :	S06	Instrumnet Name :	P8
Client Sample ID :	S06	Dilution Factor :	1
Date & Time Acquired ::	2019-04-10 12:33:40	DataFile Name :	010CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	90-1	2357589	2397475	2380800	2378621	0.84	cps
Zirconium	91-1	518998	527805	517325	521376	1.08	cps

LB Number :	LB102011	Operator :	Jaswal
Lab Sample ID :	S07	Instrumnet Name :	P8
Client Sample ID :	S07	Dilution Factor :	1
Date & Time Acquired ::	2019-04-10 12:37:21	DataFile Name :	011CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	161899	161561	162051	161837	0.16	cps
Antimony	121-1	3260422	3324239	3296324	3293662	0.97	cps
Arsenic	75-2	155879	156207	155331	155805	0.28	cps
Barium	135-1	3301365	3297832	3316785	3305327	0.30	cps
Barium	137-1	5608780	5662776	5604713	5625423	0.58	cps
Beryllium	9-1	303560	305164	303942	304222	0.28	cps
Bismuth	209-1	1812326	1824991	1809350	1815556	0.46	cps
Bismuth	209-2	1292847	1303000	1312298	1302715	0.75	cps
Boron	10-1	38052	41168	39180	39467	4.00	cps
Boron	11-1	202593	208623	209474	206897	1.81	cps
Cadmium	111-1	748419	756157	749193	751256	0.57	cps
Cadmium	106-1	79552	78319	79501	79124	0.88	cps
Cadmium	108-1	54046	53682	53795	53841	0.35	cps
Calcium	43-1	780567	779706	788109	782794	0.59	cps
Calcium	44-1	12499579	12602236	12802138	12634651	1.22	cps
Chromium	52-2	958787	957250	954690	956909	0.22	cps
Cobalt	59-2	1692742	1676521	1697357	1688873	0.65	cps
Copper	63-2	2642602	2656987	2630752	2643447	0.50	cps
Dysprosium	156-1	33	75	42	50	44.10	cps
Dysprosium	156-2	0	13	7	7	99.98	cps
Erbium	164-1	17	0	0	6	173.21	cps
Erbium	164-2	13	7	10	10	33.30	cps
Gadolinium	160-1	33	25	33	31	15.75	cps
Gadolinium	160-2	17	10	13	13	25.01	cps
Holmium	165-1	3073675	3042737	3115686	3077366	1.19	cps
Holmium	165-2	1884370	1881871	1905886	1890709	0.70	cps
Indium	115-1	2594422	2689140	2643583	2642381	1.79	cps
Indium	115-2	473874	479154	482442	478490	0.90	cps
Iron	56-2	34282665	33759120	33912684	33984823	0.79	cps
Iron	57-2	856574	846998	848447	850673	0.61	cps
Krypton	83-1	477	420	423	440	7.23	cps
Lead	206-1	1602362	1622608	1606575	1610515	0.66	cps
Lead	207-1	1458219	1452333	1425778	1445443	1.20	cps
Lead	208-1	6591633	6583704	6445855	6540397	1.25	cps
Lithium	6-1	144502	146113	143894	144837	0.79	cps
Magnesium	24-2	3578008	3477501	3545282	3533597	1.45	cps

LB Number :	LB102011	Operator :	Jaswal
Lab Sample ID :	S07	Instrumnet Name :	P8
Client Sample ID :	S07	Dilution Factor :	1
Date & Time Acquired ::	2019-04-10 12:37:21	DataFile Name :	011CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	688693	686922	679182	684932	0.74	cps
Molybdenum	94-1	5433473	5438538	5508078	5460030	0.76	cps
Molybdenum	95-1	6764806	6716243	6800200	6760416	0.62	cps
Molybdenum	96-1	7526777	7469603	7555402	7517261	0.58	cps
Molybdenum	97-1	4188350	4216251	4234472	4213024	0.55	cps
Molybdenum	98-1	10789098	10880550	10889821	10853156	0.51	cps
Neodymium	150-1	107	147	160	138	20.15	cps
Neodymium	150-2	7	10	17	11	45.82	cps
Nickel	60-2	472132	467468	471225	470275	0.53	cps
Phosphorus	31-2	18112	17862	17620	17865	1.38	cps
Potassium	39-2	1587973	1626628	1617559	1610720	1.26	cps
Rhodium	103-1	2511330	2477508	2524372	2504403	0.97	cps
Rhodium	103-2	1670448	1703072	1682839	1685453	0.98	cps
Scandium	45-1	1704908	1699098	1730747	1711584	0.98	cps
Scandium	45-2	56821	57169	56888	56959	0.32	cps
Selenium	77-2	1630	1633	1603	1622	1.01	cps
Selenium	78-2	5036	5375	5368	5260	3.68	cps
Selenium	82-1	51418	51439	52132	51663	0.79	cps
Silicon	28-1	7344902	7383996	7394615	7374504	0.36	cps
Silver	109-1	3261300	3313473	3285983	3286919	0.79	cps
Silver	107-1	3413645	3457412	3438190	3436416	0.64	cps
Sodium	23-2	9169609	9096229	9150934	9138924	0.42	cps
Strontium	86-1	888720	897365	890094	892060	0.52	cps
Strontium	88-1	7603451	7573195	7631405	7602684	0.38	cps
Sulfur	34-1	490633	496219	495018	493957	0.60	cps
Terbium	159-1	3267827	3305972	3302724	3292175	0.64	cps
Terbium	159-2	1939934	1966427	1948287	1951549	0.69	cps
Thallium	203-1	2077676	2075136	2048887	2067233	0.77	cps
Thallium	205-1	4811224	4800310	4769947	4793827	0.45	cps
Tin	118-1	2125752	2144179	2184309	2151413	1.39	cps
Titanium	47-1	1851593	1840910	1863066	1851856	0.60	cps
Uranium	238-1	6064595	5913149	5976790	5984845	1.27	cps
Vanadium	51-2	709365	706057	705566	706996	0.29	cps
Yttrium	89-1	2998769	2980424	2978900	2986031	0.37	cps
Yttrium	89-2	378988	384245	383570	382268	0.75	cps
Zinc	66-2	365320	366478	361793	364530	0.67	cps

LB Number :	LB102011	Operator :	Jaswal
Lab Sample ID :	S07	Instrumnet Name :	P8
Client Sample ID :	S07	Dilution Factor :	1
Date & Time Acquired ::	2019-04-10 12:37:21	DataFile Name :	011CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	90-1	4675526	4583114	4642807	4633816	1.01	cps
Zirconium	91-1	1024355	1020039	1034414	1026269	0.72	cps

LB Number :	LB102011	Operator :	Jaswal
Lab Sample ID :	S08	Instrumnet Name :	P8
Client Sample ID :	S08	Dilution Factor :	1
Date & Time Acquired ::	2019-04-10 12:40:56	DataFile Name :	012CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	864993	885252	888256	879500	1.44	cps
Antimony	121-1	3401	3609	3492	3501	2.98	cps
Arsenic	75-2	250	263	311	275	11.72	cps
Barium	135-1	500	375	392	422	16.08	cps
Barium	137-1	717	575	658	650	10.95	cps
Beryllium	9-1	73	40	30	48	47.50	cps
Bismuth	209-1	1546284	1461379	1481918	1496527	2.96	cps
Bismuth	209-2	1155404	1154841	1149945	1153397	0.26	cps
Boron	10-1	883	733	825	814	9.29	cps
Boron	11-1	4342	3909	3767	4006	7.48	cps
Cadmium	111-1	1645	1500	1514	1553	5.16	cps
Cadmium	106-1	2284	2075	2142	2167	4.91	cps
Cadmium	108-1	17	4	8	10	65.47	cps
Calcium	43-1	3834316	3902262	3861963	3866180	0.88	cps
Calcium	44-1	61378529	62054847	62456361	61963246	0.88	cps
Chromium	52-2	7392	7412	7112	7305	2.30	cps
Cobalt	59-2	20021	20035	19981	20012	0.14	cps
Copper	63-2	5805	5938	5965	5902	1.45	cps
Dysprosium	156-1	25	42	17	28	45.82	cps
Dysprosium	156-2	7	13	17	12	41.65	cps
Erbium	164-1	25	50	42	39	32.73	cps
Erbium	164-2	7	7	7	7	0.00	cps
Gadolinium	160-1	25	25	67	39	61.86	cps
Gadolinium	160-2	23	17	30	23	28.56	cps
Holmium	165-1	2843464	2653557	2785519	2760846	3.53	cps
Holmium	165-2	1767461	1810330	1766627	1781473	1.40	cps
Indium	115-1	2458924	2321126	2393624	2391225	2.88	cps
Indium	115-2	469314	469165	465264	467914	0.49	cps
Iron	56-2	170102782	170555420	171353376	170670526	0.37	cps
Iron	57-2	4215118	4266301	4326354	4269258	1.30	cps
Krypton	83-1	483	383	407	424	12.33	cps
Lead	206-1	3067	2823	2856	2915	4.55	cps
Lead	207-1	2378	2095	2423	2298	7.74	cps
Lead	208-1	11280	10925	11269	11158	1.81	cps
Lithium	6-1	126657	123433	128564	126218	2.05	cps
Magnesium	24-2	17432900	17745892	17702280	17627024	0.96	cps

LB Number :	LB102011	Operator :	Jaswal
Lab Sample ID :	S08	Instrumnet Name :	P8
Client Sample ID :	S08	Dilution Factor :	1
Date & Time Acquired ::	2019-04-10 12:40:56	DataFile Name :	012CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	2850	2590	2604	2681	5.46	cps
Molybdenum	94-1	2559	2492	2384	2478	3.56	cps
Molybdenum	95-1	3701	3726	3267	3565	7.23	cps
Molybdenum	96-1	4959	4643	4184	4595	8.48	cps
Molybdenum	97-1	2284	2184	2042	2170	5.60	cps
Molybdenum	98-1	6143	5451	5351	5649	7.64	cps
Neodymium	150-1	33	27	27	29	13.31	cps
Neodymium	150-2	20	23	27	23	14.29	cps
Nickel	60-2	5945	5658	5925	5842	2.74	cps
Phosphorus	31-2	42	50	25	39	32.73	cps
Potassium	39-2	8362943	8417315	8516950	8432403	0.93	cps
Rhodium	103-1	2295594	2205075	2290819	2263829	2.25	cps
Rhodium	103-2	1574693	1581649	1550445	1568929	1.04	cps
Scandium	45-1	1648976	1596861	1649400	1631746	1.85	cps
Scandium	45-2	57313	57768	56352	57145	1.26	cps
Selenium	77-2	0	10	0	3	173.21	cps
Selenium	78-2	9	13	7	10	28.61	cps
Selenium	82-1	-83	78	2	-1	-8144.87	cps
Silicon	28-1	6361171	6369357	6404781	6378436	0.36	cps
Silver	109-1	650	625	450	575	18.95	cps
Silver	107-1	550	475	742	589	23.35	cps
Sodium	23-2	45342802	45789324	46236026	45789384	0.98	cps
Strontium	86-1	4009	4009	3909	3976	1.45	cps
Strontium	88-1	31420	31697	30444	31187	2.11	cps
Sulfur	34-1	275077	274252	273173	274167	0.35	cps
Terbium	159-1	3028829	2815279	2912150	2918753	3.66	cps
Terbium	159-2	1858865	1807497	1801213	1822525	1.74	cps
Thallium	203-1	217	133	133	161	29.86	cps
Thallium	205-1	550	317	367	411	29.88	cps
Tin	118-1	1408	1525	1225	1386	10.91	cps
Titanium	47-1	4593	4476	4451	4506	1.68	cps
Uranium	238-1	358	150	133	214	58.62	cps
Vanadium	51-2	213	213	210	212	0.91	cps
Yttrium	89-1	2792691	2673950	2727915	2731519	2.18	cps
Yttrium	89-2	379336	377935	374039	377103	0.73	cps
Zinc	66-2	3304	3404	3464	3390	2.38	cps

LB Number :	LB102011	Operator :	Jaswal
Lab Sample ID :	S08	Instrumnet Name :	P8
Client Sample ID :	S08	Dilution Factor :	1
Date & Time Acquired ::	2019-04-10 12:40:56	DataFile Name :	012CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	90-1	1150	975	875	1000	13.92	cps
Zirconium	91-1	342	300	400	347	14.47	cps

LB Number :	LB102011	Operator :	Jaswal
Lab Sample ID :	ICV	Instrumnet Name :	P8
Client Sample ID :	ICV	Dilution Factor :	1
Date & Time Acquired ::	2019-04-10 13:00:29	DataFile Name :	013ICV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	4289	4342	4399	4343	1.27	cps
Antimony	121-1	546922	554431	550871	550742	0.68	cps
Arsenic	75-2	29094	28609	29040	28914	0.92	cps
Barium	135-1	54898	57233	58171	56767	2.97	cps
Barium	137-1	95058	99096	98777	97644	2.30	cps
Beryllium	9-1	27139	27570	27613	27441	0.96	cps
Bismuth	209-1	1499804	1499313	1530885	1510001	1.20	cps
Bismuth	209-2	1117852	1125428	1147897	1130392	1.38	cps
Boron	10-1	19389	19614	18696	19233	2.49	cps
Boron	11-1	99016	103522	105612	102717	3.28	cps
Cadmium	111-1	68810	68339	69804	68985	1.08	cps
Cadmium	106-1	12356	12640	12807	12601	1.81	cps
Cadmium	108-1	6318	6677	6623	6539	2.96	cps
Calcium	43-1	18502	18095	18486	18361	1.26	cps
Calcium	44-1	281566	285448	284820	283945	0.73	cps
Chromium	52-2	90409	90447	90748	90535	0.21	cps
Cobalt	59-2	160206	161366	162836	161470	0.82	cps
Copper	63-2	127078	128555	129345	128326	0.90	cps
Dysprosium	156-1	8	25	0	11	114.58	cps
Dysprosium	156-2	0	0	3	1	173.21	cps
Erbium	164-1	25	67	25	39	61.86	cps
Erbium	164-2	7	10	13	10	33.30	cps
Gadolinium	160-1	17	25	17	19	24.73	cps
Gadolinium	160-2	10	10	10	10	0.00	cps
Holmium	165-1	2623858	2680062	2646444	2650121	1.07	cps
Holmium	165-2	1636659	1646452	1687600	1656904	1.63	cps
Indium	115-1	2388976	2437826	2397253	2408018	1.09	cps
Indium	115-2	442142	452044	454881	449689	1.49	cps
Iron	56-2	647706	655794	657266	653589	0.79	cps
Iron	57-2	16266	16048	16043	16119	0.79	cps
Krypton	83-1	393	377	377	382	2.52	cps
Lead	206-1	268957	274637	267800	270465	1.35	cps
Lead	207-1	232016	237154	238327	235832	1.42	cps
Lead	208-1	1057933	1072560	1083217	1071237	1.19	cps
Lithium	6-1	137773	140288	139103	139055	0.90	cps
Magnesium	24-2	41796	42924	42623	42448	1.38	cps

LB Number : LB102011 Operator : Jaswal
 Lab Sample ID : ICV Instrumnet Name : P8
 Client Sample ID : ICV Dilution Factor : 1
 Date & Time Acquired :: 2019-04-10 13:00:29 DataFile Name : 013ICV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	31816	32411	32501	32243	1.15	cps
Molybdenum	94-1	2516902	2545036	2527469	2529802	0.56	cps
Molybdenum	95-1	3150136	3141326	3184327	3158596	0.72	cps
Molybdenum	96-1	3549391	3498963	3557933	3535429	0.90	cps
Molybdenum	97-1	1970299	2003649	1984412	1986120	0.84	cps
Molybdenum	98-1	5034806	4995854	5022999	5017886	0.40	cps
Neodymium	150-1	13	0	7	7	99.98	cps
Neodymium	150-2	0	3	7	3	100.05	cps
Nickel	60-2	46531	47307	47407	47082	1.02	cps
Phosphorus	31-2	58	50	17	42	52.91	cps
Potassium	39-2	74080	73844	72328	73417	1.29	cps
Rhodium	103-1	2373082	2394004	2364621	2377236	0.64	cps
Rhodium	103-2	1567987	1587989	1591991	1582656	0.81	cps
Scandium	45-1	1651063	1675315	1619789	1648722	1.69	cps
Scandium	45-2	54720	55777	55944	55480	1.20	cps
Selenium	77-2	280	267	290	279	4.20	cps
Selenium	78-2	1078	1032	1007	1039	3.44	cps
Selenium	82-1	9115	9146	9331	9197	1.27	cps
Silicon	28-1	6162813	6151814	6238738	6184455	0.77	cps
Silver	109-1	288659	286896	288754	288103	0.36	cps
Silver	107-1	300444	305800	310258	305500	1.61	cps
Sodium	23-2	194918	196980	193127	195008	0.99	cps
Strontium	86-1	383589	391125	389155	387956	1.01	cps
Strontium	88-1	3338621	3377480	3394579	3370227	0.85	cps
Sulfur	34-1	278961	268727	269621	272436	2.08	cps
Terbium	159-1	2795937	2833638	2807619	2812398	0.69	cps
Terbium	159-2	1664570	1707363	1697227	1689720	1.32	cps
Thallium	203-1	335971	344514	342912	341132	1.33	cps
Thallium	205-1	798034	815949	807410	807131	1.11	cps
Tin	118-1	876059	880387	885789	880745	0.55	cps
Titanium	47-1	864037	855551	865653	861747	0.63	cps
Uranium	238-1	2340709	2338262	2406580	2361850	1.64	cps
Vanadium	51-2	65874	66374	66604	66284	0.56	cps
Yttrium	89-1	2658673	2735853	2705538	2700021	1.44	cps
Yttrium	89-2	353432	359945	362021	358466	1.25	cps
Zinc	66-2	34687	35399	35098	35061	1.02	cps

LB Number :	LB102011	Operator :	Jaswal
Lab Sample ID :	ICV	Instrumnet Name :	P8
Client Sample ID :	ICV	Dilution Factor :	1
Date & Time Acquired ::	2019-04-10 13:00:29	DataFile Name :	013ICV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	90-1	2014717	2057572	2079457	2050582	1.61	cps
Zirconium	91-1	436610	441391	449884	442628	1.52	cps

LB Number : LB102011 Operator : Jaswal
 Lab Sample ID : ICB Instrumnet Name : P8
 Client Sample ID : ICB Dilution Factor : 1
 Date & Time Acquired :: 2019-04-10 13:11:36 DataFile Name : 014CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	85	83	153	107	37.23	cps
Antimony	121-1	92	150	83	108	33.53	cps
Arsenic	75-2	9	9	13	10	20.36	cps
Barium	135-1	42	8	33	28	62.46	cps
Barium	137-1	58	17	67	47	56.72	cps
Beryllium	9-1	23	7	30	20	60.08	cps
Bismuth	209-1	1521913	1458309	1490376	1490200	2.13	cps
Bismuth	209-2	1038375	1078115	1069200	1061896	1.96	cps
Boron	10-1	142	92	158	131	26.57	cps
Boron	11-1	875	925	1042	947	9.03	cps
Cadmium	111-1	1196	1261	1399	1285	8.04	cps
Cadmium	106-1	1684	1809	1992	1828	8.48	cps
Cadmium	108-1	17	13	0	10	89.22	cps
Calcium	43-1	2757	2757	2654	2723	2.19	cps
Calcium	44-1	37884	37206	38419	37837	1.61	cps
Chromium	52-2	390	460	393	414	9.53	cps
Cobalt	59-2	70	23	160	84	82.27	cps
Copper	63-2	323	343	493	387	24.03	cps
Dysprosium	156-1	25	0	17	14	91.65	cps
Dysprosium	156-2	0	0	3	1	173.21	cps
Erbium	164-1	0	0	25	8	173.21	cps
Erbium	164-2	0	3	0	1	173.21	cps
Gadolinium	160-1	8	25	0	11	114.58	cps
Gadolinium	160-2	10	7	7	8	24.71	cps
Holmium	165-1	2677617	2581803	2585915	2615112	2.07	cps
Holmium	165-2	1492354	1547643	1559961	1533319	2.35	cps
Indium	115-1	2453761	2338548	2417475	2403261	2.45	cps
Indium	115-2	422452	446503	438028	435661	2.80	cps
Iron	56-2	2261	661	7580	3501	103.46	cps
Iron	57-2	111	72	211	131	54.50	cps
Krypton	83-1	350	433	450	411	13.03	cps
Lead	206-1	267	261	239	256	5.75	cps
Lead	207-1	278	128	289	231	38.87	cps
Lead	208-1	1111	894	983	996	10.93	cps
Lithium	6-1	139016	133326	136140	136160	2.09	cps
Magnesium	24-2	383	83	700	389	79.30	cps

LB Number : LB102011 Operator : Jaswal
 Lab Sample ID : ICB Instrumnet Name : P8
 Client Sample ID : ICB Dilution Factor : 1
 Date & Time Acquired :: 2019-04-10 13:11:36 DataFile Name : 014CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	17	17	50	28	69.27	cps
Molybdenum	94-1	183	92	217	164	39.50	cps
Molybdenum	95-1	133	108	142	128	13.57	cps
Molybdenum	96-1	183	92	133	136	33.72	cps
Molybdenum	97-1	67	58	17	47	56.72	cps
Molybdenum	98-1	292	125	142	186	49.32	cps
Neodymium	150-1	0	7	7	4	86.60	cps
Neodymium	150-2	0	0	0	0	0.00	cps
Nickel	60-2	37	27	63	42	44.89	cps
Phosphorus	31-2	17	25	8	17	50.01	cps
Potassium	39-2	10479	11272	11021	10924	3.71	cps
Rhodium	103-1	2429077	2294983	2300145	2341402	3.24	cps
Rhodium	103-2	1484293	1552244	1576960	1537832	3.12	cps
Scandium	45-1	1670961	1567089	1631899	1623316	3.23	cps
Scandium	45-2	52367	54850	53816	53678	2.32	cps
Selenium	77-2	0	0	0	0	0.00	cps
Selenium	78-2	9	6	9	8	26.61	cps
Selenium	82-1	25	-65	-69	-36	-147.18	cps
Silicon	28-1	6029489	6034053	6063736	6042426	0.31	cps
Silver	109-1	267	217	175	219	20.91	cps
Silver	107-1	217	242	350	269	26.31	cps
Sodium	23-2	13615	13315	14166	13699	3.15	cps
Strontium	86-1	708	625	675	669	6.27	cps
Strontium	88-1	108	92	133	111	18.88	cps
Sulfur	34-1	271341	273141	272401	272295	0.33	cps
Terbium	159-1	2818496	2750575	2772648	2780573	1.25	cps
Terbium	159-2	1561870	1616622	1640726	1606406	2.52	cps
Thallium	203-1	33	58	25	39	44.62	cps
Thallium	205-1	100	25	125	83	62.45	cps
Tin	118-1	225	133	250	203	30.29	cps
Titanium	47-1	4334	4409	4576	4440	2.79	cps
Uranium	238-1	108	17	50	58	79.54	cps
Vanadium	51-2	20	13	57	30	77.79	cps
Yttrium	89-1	2763631	2608489	2684917	2685679	2.89	cps
Yttrium	89-2	331975	346581	343420	340658	2.26	cps
Zinc	66-2	93	120	70	94	26.49	cps

LB Number :	LB102011	Operator :	Jaswal
Lab Sample ID :	ICB	Instrumnet Name :	P8
Client Sample ID :	ICB	Dilution Factor :	1
Date & Time Acquired ::	2019-04-10 13:11:36	DataFile Name :	014CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	90-1	275	192	208	225	19.60	cps
Zirconium	91-1	75	117	75	89	27.07	cps

LB Number : LB102011 Operator : Jaswal
 Lab Sample ID : ICSA Instrumnet Name : P8
 Client Sample ID : ICSA Dilution Factor : 1
 Date & Time Acquired :: 2019-04-10 13:15:10 DataFile Name : 015ICSA.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	787009	786105	776943	783352	0.71	cps
Antimony	121-1	4201	4268	4368	4279	1.96	cps
Arsenic	75-2	61	72	61	65	9.90	cps
Barium	135-1	1108	1042	1100	1083	3.35	cps
Barium	137-1	1659	2034	2067	1920	11.81	cps
Beryllium	9-1	153	113	97	121	24.05	cps
Bismuth	209-1	1633538	1607462	1670850	1637283	1.95	cps
Bismuth	209-2	1163276	1168170	1193220	1174889	1.37	cps
Boron	10-1	133	225	217	192	26.45	cps
Boron	11-1	950	1042	967	986	4.95	cps
Cadmium	111-1	1629	1799	1630	1686	5.80	cps
Cadmium	106-1	2025	2034	1959	2006	2.05	cps
Cadmium	108-1	525	404	404	444	15.70	cps
Calcium	43-1	785886	782054	785821	784587	0.28	cps
Calcium	44-1	12675284	12528226	12561345	12588285	0.61	cps
Chromium	52-2	20415	19814	20432	20220	1.74	cps
Cobalt	59-2	2084	2117	2057	2086	1.44	cps
Copper	63-2	11995	12392	12009	12132	1.86	cps
Dysprosium	156-1	8	0	17	8	100.02	cps
Dysprosium	156-2	20	7	3	10	88.20	cps
Erbium	164-1	8	8	33	17	86.62	cps
Erbium	164-2	0	10	3	4	114.60	cps
Gadolinium	160-1	42	67	8	39	75.26	cps
Gadolinium	160-2	33	13	17	21	50.75	cps
Holmium	165-1	2949860	2926334	2965932	2947376	0.68	cps
Holmium	165-2	1792547	1761521	1782000	1778689	0.89	cps
Indium	115-1	2629707	2609672	2655853	2631744	0.88	cps
Indium	115-2	480200	479538	480735	480158	0.12	cps
Iron	56-2	69756824	68705167	68353952	68938647	1.06	cps
Iron	57-2	1743356	1747419	1743098	1744624	0.14	cps
Krypton	83-1	340	377	370	362	5.39	cps
Lead	206-1	7558	7830	7458	7615	2.53	cps
Lead	207-1	5802	5796	6113	5903	3.07	cps
Lead	208-1	27946	28530	28714	28397	1.41	cps
Lithium	6-1	143198	142148	145243	143530	1.10	cps
Magnesium	24-2	3662449	3646906	3661386	3656914	0.24	cps

LB Number :	LB102011	Operator :	Jaswal
Lab Sample ID :	ICSA	Instrumnet Name :	P8
Client Sample ID :	ICSA	Dilution Factor :	1
Date & Time Acquired ::	2019-04-10 13:15:10	DataFile Name :	015ICSA.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	2607	2567	2710	2628	2.82	cps
Molybdenum	94-1	1490405	1504866	1534686	1509986	1.50	cps
Molybdenum	95-1	2684676	2698150	2701284	2694703	0.33	cps
Molybdenum	96-1	2862888	2842321	2889497	2864902	0.83	cps
Molybdenum	97-1	1621105	1667228	1693287	1660540	2.20	cps
Molybdenum	98-1	4273047	4207192	4224224	4234821	0.81	cps
Neodymium	150-1	33	27	47	36	28.64	cps
Neodymium	150-2	7	10	7	8	24.71	cps
Nickel	60-2	2600	2830	2624	2685	4.72	cps
Phosphorus	31-2	93231	92612	90649	92164	1.46	cps
Potassium	39-2	3349420	3355111	3340268	3348266	0.22	cps
Rhodium	103-1	2455701	2414508	2466065	2445425	1.12	cps
Rhodium	103-2	1629691	1625256	1643778	1632908	0.59	cps
Scandium	45-1	1749084	1713525	1736234	1732948	1.04	cps
Scandium	45-2	56955	56266	56165	56462	0.76	cps
Selenium	77-2	3	0	0	1	173.21	cps
Selenium	78-2	4	9	7	7	41.70	cps
Selenium	82-1	40	42	82	55	43.14	cps
Silicon	28-1	6240905	6232810	6218478	6230731	0.18	cps
Silver	109-1	1692	1675	1842	1736	5.29	cps
Silver	107-1	1609	2067	2025	1900	13.34	cps
Sodium	23-2	9571779	9441587	9433363	9482243	0.82	cps
Strontium	86-1	30226	30803	31571	30867	2.19	cps
Strontium	88-1	255565	261792	265166	260841	1.87	cps
Sulfur	34-1	1200631	1202994	1210613	1204746	0.43	cps
Terbium	159-1	3070731	3055145	3112188	3079355	0.96	cps
Terbium	159-2	1813999	1810691	1804163	1809618	0.28	cps
Thallium	203-1	150	275	142	189	39.54	cps
Thallium	205-1	508	517	492	506	2.52	cps
Tin	118-1	667	633	533	611	11.36	cps
Titanium	47-1	771601	762005	762532	765379	0.70	cps
Uranium	238-1	500	800	625	642	23.49	cps
Vanadium	51-2	157	123	120	133	15.21	cps
Yttrium	89-1	2859021	2877289	2916698	2884336	1.02	cps
Yttrium	89-2	373526	375505	373579	374203	0.30	cps
Zinc	66-2	2347	2434	2187	2322	5.39	cps

LB Number :	LB102011	Operator :	Jaswal
Lab Sample ID :	ICSA	Instrumnet Name :	P8
Client Sample ID :	ICSA	Dilution Factor :	1
Date & Time Acquired ::	2019-04-10 13:15:10	DataFile Name :	015ICSA.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	90-1	825	900	825	850	5.09	cps
Zirconium	91-1	258	192	200	217	16.77	cps

LB Number :	LB102011	Operator :	Jaswal
Lab Sample ID :	ICSAB	Instrumnet Name :	P8
Client Sample ID :	ICSAB	Dilution Factor :	1
Date & Time Acquired ::	2019-04-10 13:18:36	DataFile Name :	016ICSB.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	776985	782553	776033	778524	0.45	cps
Antimony	121-1	66726	67320	66273	66773	0.79	cps
Arsenic	75-2	3056	3093	3145	3098	1.44	cps
Barium	135-1	13633	14075	14175	13961	2.07	cps
Barium	137-1	24031	23271	24365	23889	2.35	cps
Beryllium	9-1	6128	6305	6452	6295	2.57	cps
Bismuth	209-1	1594670	1605510	1620880	1607020	0.82	cps
Bismuth	209-2	1193692	1265704	1170275	1209890	4.11	cps
Boron	10-1	2125	2259	1942	2109	7.54	cps
Boron	11-1	12247	11563	11897	11903	2.87	cps
Cadmium	111-1	16461	16749	16252	16487	1.51	cps
Cadmium	106-1	3884	4068	3642	3865	5.52	cps
Cadmium	108-1	1583	1671	1579	1611	3.21	cps
Calcium	43-1	782639	782783	784521	783314	0.13	cps
Calcium	44-1	12577400	12627933	12632125	12612486	0.24	cps
Chromium	52-2	39118	40251	39078	39483	1.69	cps
Cobalt	59-2	36942	37016	36341	36766	1.01	cps
Copper	63-2	39359	40135	40516	40003	1.47	cps
Dysprosium	156-1	0	33	17	17	99.99	cps
Dysprosium	156-2	3	3	0	2	86.60	cps
Erbium	164-1	17	50	17	28	69.27	cps
Erbium	164-2	7	7	23	12	78.69	cps
Gadolinium	160-1	17	42	67	42	60.00	cps
Gadolinium	160-2	17	7	10	11	45.82	cps
Holmium	165-1	2830339	2942502	2927007	2899950	2.10	cps
Holmium	165-2	1812609	1902906	1768760	1828092	3.74	cps
Indium	115-1	2576397	2603629	2578498	2586175	0.59	cps
Indium	115-2	490498	510969	481182	494216	3.08	cps
Iron	56-2	68847261	68846336	68937803	68877133	0.08	cps
Iron	57-2	1766218	1779154	1752386	1765919	0.76	cps
Krypton	83-1	407	447	423	426	4.72	cps
Lead	206-1	38999	38375	39400	38925	1.33	cps
Lead	207-1	32793	31746	32542	32360	1.69	cps
Lead	208-1	148228	148350	150284	148954	0.77	cps
Lithium	6-1	138492	141048	140576	140039	0.97	cps
Magnesium	24-2	3663215	3594316	3636279	3631270	0.96	cps

LB Number :	LB102011	Operator :	Jaswal
Lab Sample ID :	ICSAB	Instrumnet Name :	P8
Client Sample ID :	ICSAB	Dilution Factor :	1
Date & Time Acquired ::	2019-04-10 13:18:36	DataFile Name :	016ICSB.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	9413	9717	9754	9628	1.94	cps
Molybdenum	94-1	1644452	1630380	1658294	1644375	0.85	cps
Molybdenum	95-1	2751108	2763291	2822451	2778950	1.37	cps
Molybdenum	96-1	2964641	2959690	2967334	2963889	0.13	cps
Molybdenum	97-1	1732748	1711108	1728321	1724059	0.66	cps
Molybdenum	98-1	4400286	4350273	4356767	4369108	0.62	cps
Neodymium	150-1	20	20	33	24	31.49	cps
Neodymium	150-2	3	3	3	3	0.00	cps
Nickel	60-2	13036	12289	12553	12626	3.00	cps
Phosphorus	31-2	90581	92577	90716	91291	1.22	cps
Potassium	39-2	3346390	3347124	3340466	3344660	0.11	cps
Rhodium	103-1	2451140	2416830	2395765	2421245	1.15	cps
Rhodium	103-2	1691683	1770801	1627950	1696812	4.22	cps
Scandium	45-1	1685860	1703223	1688987	1692690	0.55	cps
Scandium	45-2	58525	60737	56497	58586	3.62	cps
Selenium	77-2	33	33	33	33	0.00	cps
Selenium	78-2	122	119	124	122	2.33	cps
Selenium	82-1	1046	1048	1050	1048	0.15	cps
Silicon	28-1	6420404	6408192	6405161	6411252	0.13	cps
Silver	109-1	63301	65008	63651	63987	1.41	cps
Silver	107-1	65150	66975	66189	66105	1.38	cps
Sodium	23-2	9527294	9375680	9419137	9440704	0.83	cps
Strontium	86-1	76338	76389	75602	76110	0.58	cps
Strontium	88-1	652129	644510	652303	649648	0.68	cps
Sulfur	34-1	1206605	1197267	1184609	1196160	0.92	cps
Terbium	159-1	3002048	3088613	3078095	3056252	1.55	cps
Terbium	159-2	1854835	1946721	1799182	1866913	3.99	cps
Thallium	203-1	38493	38661	38685	38613	0.27	cps
Thallium	205-1	93159	92504	93309	92991	0.46	cps
Tin	118-1	107917	110648	106387	108317	1.99	cps
Titanium	47-1	781824	774854	780966	779215	0.49	cps
Uranium	238-1	283497	281707	283604	282936	0.38	cps
Vanadium	51-2	14591	14604	14581	14592	0.08	cps
Yttrium	89-1	2845238	2878957	2891756	2871984	0.84	cps
Yttrium	89-2	385023	398431	380607	388020	2.39	cps
Zinc	66-2	6001	6111	5721	5945	3.38	cps

LB Number :	LB102011	Operator :	Jaswal
Lab Sample ID :	ICSAB	Instrumnet Name :	P8
Client Sample ID :	ICSAB	Dilution Factor :	1
Date & Time Acquired ::	2019-04-10 13:18:36	DataFile Name :	016ICSB.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	90-1	241710	243782	242841	242778	0.43	cps
Zirconium	91-1	53197	52678	54042	53305	1.29	cps

LB Number :	LB102011	Operator :	Jaswal
Lab Sample ID :	CCV073	Instrumnet Name :	P8
Client Sample ID :	CCV073	Dilution Factor :	1
Date & Time Acquired ::	2019-04-10 13:22:02	DataFile Name :	017CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	466981	460876	461161	463006	0.74	cps
Antimony	121-1	1613169	1628893	1621662	1621241	0.49	cps
Arsenic	75-2	80380	78996	78592	79323	1.18	cps
Barium	135-1	1636548	1647027	1605255	1629610	1.33	cps
Barium	137-1	2728143	2802743	2795082	2775323	1.48	cps
Beryllium	9-1	148294	147260	147294	147616	0.40	cps
Bismuth	209-1	1599691	1600025	1600633	1600116	0.03	cps
Bismuth	209-2	1187531	1184954	1183847	1185444	0.16	cps
Boron	10-1	18538	19314	19706	19186	3.10	cps
Boron	11-1	96868	101105	100493	99488	2.30	cps
Cadmium	111-1	359835	365557	361876	362422	0.80	cps
Cadmium	106-1	39200	39284	40412	39632	1.71	cps
Cadmium	108-1	25988	25278	26155	25807	1.80	cps
Calcium	43-1	1987704	1960413	1994742	1980953	0.92	cps
Calcium	44-1	31249561	31143269	31272244	31221691	0.22	cps
Chromium	52-2	499007	495667	492315	495663	0.68	cps
Cobalt	59-2	862409	857586	851216	857071	0.66	cps
Copper	63-2	1317622	1315644	1298238	1310501	0.81	cps
Dysprosium	156-1	67	92	58	72	24.02	cps
Dysprosium	156-2	17	17	10	14	26.66	cps
Erbium	164-1	17	8	8	11	43.34	cps
Erbium	164-2	10	10	20	13	43.30	cps
Gadolinium	160-1	67	75	17	53	59.77	cps
Gadolinium	160-2	7	20	30	19	61.96	cps
Holmium	165-1	2897789	2875886	2875811	2883162	0.44	cps
Holmium	165-2	1834750	1818487	1811125	1821454	0.66	cps
Indium	115-1	2573721	2520933	2551975	2548877	1.04	cps
Indium	115-2	468290	469523	469993	469269	0.19	cps
Iron	56-2	88390213	87632985	87709685	87910961	0.47	cps
Iron	57-2	2242857	2230917	2210318	2228031	0.74	cps
Krypton	83-1	450	400	437	429	6.04	cps
Lead	206-1	732683	742505	738743	737977	0.67	cps
Lead	207-1	671516	666522	672815	670285	0.50	cps
Lead	208-1	2988937	3012545	3021182	3007555	0.55	cps
Lithium	6-1	133363	134174	134941	134159	0.59	cps
Magnesium	24-2	8974499	8961731	8811127	8915786	1.02	cps

LB Number :	LB102011	Operator :	Jaswal
Lab Sample ID :	CCV073	Instrumnet Name :	P8
Client Sample ID :	CCV073	Dilution Factor :	1
Date & Time Acquired ::	2019-04-10 13:22:02	DataFile Name :	017CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	356856	354163	353238	354752	0.53	cps
Molybdenum	94-1	2743448	2721603	2783620	2749557	1.14	cps
Molybdenum	95-1	3399570	3367577	3422991	3396713	0.82	cps
Molybdenum	96-1	3728094	3745061	3732726	3735294	0.23	cps
Molybdenum	97-1	2084881	2080472	2117395	2094249	0.96	cps
Molybdenum	98-1	5402093	5339712	5337399	5359735	0.68	cps
Neodymium	150-1	133	133	87	118	22.88	cps
Neodymium	150-2	10	30	17	19	53.91	cps
Nickel	60-2	239557	242885	239301	240581	0.83	cps
Phosphorus	31-2	9162	9662	9545	9456	2.77	cps
Potassium	39-2	4248934	4260107	4258631	4255891	0.14	cps
Rhodium	103-1	2405773	2377490	2429047	2404103	1.07	cps
Rhodium	103-2	1627521	1604530	1613202	1615084	0.72	cps
Scandium	45-1	1698856	1693198	1719149	1703734	0.80	cps
Scandium	45-2	58160	57199	57497	57619	0.85	cps
Selenium	77-2	873	800	740	804	8.30	cps
Selenium	78-2	2765	2687	2658	2703	2.05	cps
Selenium	82-1	25301	24766	25328	25132	1.26	cps
Silicon	28-1	6980024	7084678	7163592	7076098	1.30	cps
Silver	109-1	1562875	1591721	1570027	1574874	0.95	cps
Silver	107-1	1633913	1653432	1667757	1651701	1.03	cps
Sodium	23-2	23337117	23188841	23214524	23246827	0.34	cps
Strontium	86-1	435542	444477	441861	440626	1.04	cps
Strontium	88-1	3820272	3816605	3907383	3848087	1.34	cps
Sulfur	34-1	362282	358515	357779	359525	0.67	cps
Terbium	159-1	3071916	3064266	3075641	3070608	0.19	cps
Terbium	159-2	1840793	1858594	1831486	1843624	0.75	cps
Thallium	203-1	943275	937932	937987	939731	0.33	cps
Thallium	205-1	2252648	2248107	2237352	2246036	0.35	cps
Tin	118-1	1040312	1031859	1041489	1037887	0.51	cps
Titanium	47-1	933959	934921	936351	935077	0.13	cps
Uranium	238-1	2823414	2833053	2788832	2815100	0.83	cps
Vanadium	51-2	370686	370171	368608	369822	0.29	cps
Yttrium	89-1	2911799	2879237	2891303	2894113	0.57	cps
Yttrium	89-2	375847	374557	374768	375057	0.18	cps
Zinc	66-2	187071	188022	186107	187067	0.51	cps

LB Number :	LB102011	Operator :	Jaswal
Lab Sample ID :	CCV073	Instrumnet Name :	P8
Client Sample ID :	CCV073	Dilution Factor :	1
Date & Time Acquired ::	2019-04-10 13:22:02	DataFile Name :	017CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	90-1	2299908	2325527	2366862	2330766	1.45	cps
Zirconium	91-1	507402	506684	510209	508099	0.37	cps

LB Number :	LB102011	Operator :	Jaswal
Lab Sample ID :	CCB073	Instrumnet Name :	P8
Client Sample ID :	CCB073	Dilution Factor :	1
Date & Time Acquired ::	2019-04-10 13:33:33	DataFile Name :	018CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	165	180	200	182	9.67	cps
Antimony	121-1	350	267	242	286	19.83	cps
Arsenic	75-2	4	9	15	9	60.01	cps
Barium	135-1	125	225	108	153	41.30	cps
Barium	137-1	158	375	150	228	56.00	cps
Beryllium	9-1	20	50	30	33	45.83	cps
Bismuth	209-1	1571161	1586784	1570863	1576269	0.58	cps
Bismuth	209-2	1148350	1157260	1151402	1152337	0.39	cps
Boron	10-1	125	125	200	150	28.87	cps
Boron	11-1	733	792	850	792	7.37	cps
Cadmium	111-1	1446	1394	1369	1403	2.77	cps
Cadmium	106-1	2034	1909	1934	1959	3.38	cps
Cadmium	108-1	4	0	25	10	137.74	cps
Calcium	43-1	2710	2767	2767	2748	1.19	cps
Calcium	44-1	41197	43745	41057	42000	3.60	cps
Chromium	52-2	520	523	627	557	10.89	cps
Cobalt	59-2	97	127	207	143	39.67	cps
Copper	63-2	557	623	667	616	9.00	cps
Dysprosium	156-1	8	17	8	11	43.34	cps
Dysprosium	156-2	0	3	0	1	173.21	cps
Erbium	164-1	25	0	17	14	91.65	cps
Erbium	164-2	3	7	3	4	43.40	cps
Gadolinium	160-1	33	25	8	22	57.29	cps
Gadolinium	160-2	17	10	20	16	32.73	cps
Holmium	165-1	2729411	2720547	2708255	2719404	0.39	cps
Holmium	165-2	1666513	1698141	1701080	1688578	1.14	cps
Indium	115-1	2487914	2485935	2491649	2488499	0.12	cps
Indium	115-2	464412	469733	465833	466659	0.59	cps
Iron	56-2	11379	13151	17322	13951	21.87	cps
Iron	57-2	333	339	456	376	18.36	cps
Krypton	83-1	367	373	393	378	3.67	cps
Lead	206-1	583	500	478	520	10.69	cps
Lead	207-1	378	433	472	428	11.10	cps
Lead	208-1	1928	1961	1872	1920	2.34	cps
Lithium	6-1	140431	141575	140492	140832	0.46	cps
Magnesium	24-2	1017	1108	1375	1167	15.96	cps

LB Number :	LB102011	Operator :	Jaswal
Lab Sample ID :	CCB073	Instrumnet Name :	P8
Client Sample ID :	CCB073	Dilution Factor :	1
Date & Time Acquired ::	2019-04-10 13:33:33	DataFile Name :	018CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	33	57	63	51	30.82	cps
Molybdenum	94-1	433	683	367	494	33.77	cps
Molybdenum	95-1	492	758	425	558	31.59	cps
Molybdenum	96-1	558	892	425	625	38.46	cps
Molybdenum	97-1	333	542	250	375	40.06	cps
Molybdenum	98-1	808	1425	542	925	48.98	cps
Neodymium	150-1	0	7	0	2	173.21	cps
Neodymium	150-2	0	0	0	0	0.00	cps
Nickel	60-2	47	20	40	36	39.03	cps
Phosphorus	31-2	17	33	33	28	34.63	cps
Potassium	39-2	11413	11272	11388	11358	0.67	cps
Rhodium	103-1	2416046	2464293	2423101	2434480	1.07	cps
Rhodium	103-2	1626732	1655832	1629877	1637480	0.98	cps
Scandium	45-1	1688558	1674037	1671016	1677870	0.56	cps
Scandium	45-2	55370	57069	54950	55796	2.01	cps
Selenium	77-2	0	0	0	0	0.00	cps
Selenium	78-2	13	6	7	9	44.56	cps
Selenium	82-1	35	24	28	29	18.32	cps
Silicon	28-1	6440380	6415695	6470963	6442346	0.43	cps
Silver	109-1	117	308	242	222	43.79	cps
Silver	107-1	267	233	200	233	14.29	cps
Sodium	23-2	17870	18162	18279	18104	1.16	cps
Strontium	86-1	742	733	608	694	10.76	cps
Strontium	88-1	400	750	383	511	40.51	cps
Sulfur	34-1	262976	267068	267383	265809	0.92	cps
Terbium	159-1	2891887	2932572	2874926	2899795	1.02	cps
Terbium	159-2	1731907	1727863	1734038	1731269	0.18	cps
Thallium	203-1	175	325	192	231	35.66	cps
Thallium	205-1	375	492	467	444	13.82	cps
Tin	118-1	250	350	367	322	19.58	cps
Titanium	47-1	4534	4826	4651	4670	3.14	cps
Uranium	238-1	308	425	192	308	37.84	cps
Vanadium	51-2	43	57	60	53	16.54	cps
Yttrium	89-1	2697157	2767720	2795431	2753436	1.84	cps
Yttrium	89-2	365837	364815	366807	365820	0.27	cps
Zinc	66-2	143	137	153	144	5.81	cps

LB Number :	LB102011	Operator :	Jaswal
Lab Sample ID :	CCB073	Instrumnet Name :	P8
Client Sample ID :	CCB073	Dilution Factor :	1
Date & Time Acquired ::	2019-04-10 13:33:33	DataFile Name :	018CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	90-1	358	525	350	411	24.01	cps
Zirconium	91-1	158	258	67	161	59.50	cps

LB Number :	LB102011	Operator :	Jaswal
Lab Sample ID :	CRI	Instrumnet Name :	P8
Client Sample ID :	CRI	Dilution Factor :	1
Date & Time Acquired ::	2019-04-10 13:37:05	DataFile Name :	019LLCC.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	268	270	225	254	9.95	cps
Antimony	121-1	6160	5885	5726	5924	3.70	cps
Arsenic	75-2	165	141	163	156	8.58	cps
Barium	135-1	6218	5902	5526	5882	5.89	cps
Barium	137-1	10905	10513	10621	10680	1.90	cps
Beryllium	9-1	297	310	263	290	8.29	cps
Bismuth	209-1	1556740	1542205	1563043	1553996	0.69	cps
Bismuth	209-2	1136675	1145366	1130681	1137574	0.65	cps
Boron	10-1	1033	1008	1000	1014	1.71	cps
Boron	11-1	5493	5151	5393	5346	3.29	cps
Cadmium	111-1	1999	1899	1965	1954	2.60	cps
Cadmium	106-1	1850	1834	1959	1881	3.61	cps
Cadmium	108-1	54	79	92	75	25.46	cps
Calcium	43-1	6262	6332	5795	6129	4.76	cps
Calcium	44-1	100429	99478	96172	98693	2.26	cps
Chromium	52-2	2187	2217	2250	2218	1.43	cps
Cobalt	59-2	1623	1473	1763	1620	8.95	cps
Copper	63-2	2927	3034	2960	2974	1.84	cps
Dysprosium	156-1	0	0	0	0	0.00	cps
Dysprosium	156-2	3	0	0	1	173.21	cps
Erbium	164-1	0	25	33	19	89.21	cps
Erbium	164-2	10	10	13	11	17.30	cps
Gadolinium	160-1	25	33	8	22	57.30	cps
Gadolinium	160-2	3	0	17	7	132.33	cps
Holmium	165-1	2688029	2694522	2702851	2695134	0.28	cps
Holmium	165-2	1665528	1688961	1660188	1671559	0.92	cps
Indium	115-1	2465966	2450262	2493841	2470023	0.89	cps
Indium	115-2	460073	451732	452383	454729	1.02	cps
Iron	56-2	35317	36126	35312	35585	1.32	cps
Iron	57-2	856	939	895	896	4.65	cps
Krypton	83-1	440	400	420	420	4.76	cps
Lead	206-1	1811	1533	1639	1661	8.44	cps
Lead	207-1	1467	1478	1411	1452	2.46	cps
Lead	208-1	6990	6690	6668	6782	2.65	cps
Lithium	6-1	135142	136138	135904	135728	0.38	cps
Magnesium	24-2	17962	17904	18579	18148	2.06	cps

LB Number : LB102011 Operator : Jaswal
 Lab Sample ID : CRI Instrumnet Name : P8
 Client Sample ID : CRI Dilution Factor : 1
 Date & Time Acquired :: 2019-04-10 13:37:05 DataFile Name : 019LLCC.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	360	380	380	373	3.09	cps
Molybdenum	94-1	5476	5710	5018	5401	6.52	cps
Molybdenum	95-1	6660	7027	6394	6694	4.75	cps
Molybdenum	96-1	7678	7319	6669	7222	7.08	cps
Molybdenum	97-1	4142	4084	4009	4079	1.64	cps
Molybdenum	98-1	11430	11397	10530	11119	4.59	cps
Neodymium	150-1	7	20	0	9	114.55	cps
Neodymium	150-2	0	0	0	0	0.00	cps
Nickel	60-2	553	530	477	520	7.56	cps
Phosphorus	31-2	67	42	117	75	50.92	cps
Potassium	39-2	26075	26509	26184	26256	0.86	cps
Rhodium	103-1	2419059	2347823	2416463	2394448	1.69	cps
Rhodium	103-2	1627629	1621846	1614461	1621312	0.41	cps
Scandium	45-1	1650497	1628150	1680409	1653019	1.59	cps
Scandium	45-2	54783	54904	54051	54579	0.85	cps
Selenium	77-2	10	10	13	11	17.30	cps
Selenium	78-2	43	28	28	33	26.14	cps
Selenium	82-1	180	220	233	211	13.16	cps
Silicon	28-1	6436021	6348065	6415496	6399861	0.72	cps
Silver	109-1	3317	3617	3359	3431	4.74	cps
Silver	107-1	3417	3617	3509	3515	2.85	cps
Sodium	23-2	59801	58697	58722	59074	1.07	cps
Strontium	86-1	1475	1317	1517	1436	7.35	cps
Strontium	88-1	7286	7786	6885	7319	6.17	cps
Sulfur	34-1	266078	266584	266305	266322	0.10	cps
Terbium	159-1	2854165	2858387	2917261	2876605	1.23	cps
Terbium	159-2	1691629	1665667	1677257	1678184	0.77	cps
Thallium	203-1	1850	1900	1959	1903	2.85	cps
Thallium	205-1	4434	4326	4284	4348	1.78	cps
Tin	118-1	9871	10138	9520	9843	3.14	cps
Titanium	47-1	6393	6227	6660	6427	3.40	cps
Uranium	238-1	4818	5026	4468	4771	5.92	cps
Vanadium	51-2	3754	3481	3460	3565	4.60	cps
Yttrium	89-1	2717247	2777028	2796829	2763701	1.50	cps
Yttrium	89-2	361565	357370	352641	357192	1.25	cps
Zinc	66-2	463	433	357	418	13.17	cps

LB Number :	LB102011	Operator :	Jaswal
Lab Sample ID :	CRI	Instrumnet Name :	P8
Client Sample ID :	CRI	Dilution Factor :	1
Date & Time Acquired ::	2019-04-10 13:37:05	DataFile Name :	019LLCC.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	90-1	4759	4318	4218	4431	6.51	cps
Zirconium	91-1	875	1150	942	989	14.51	cps

LB Number :	LB102011	Operator :	Jaswal
Lab Sample ID :	K2302-01DLX2	Instrumnet Name :	P8
Client Sample ID :	MH0YW7	Dilution Factor :	2
Date & Time Acquired ::	2019-04-10 13:40:37	DataFile Name :	020SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	106697	104501	104699	105299	1.15	cps
Antimony	121-1	4418	4359	4067	4281	4.38	cps
Arsenic	75-2	5203	5381	5281	5288	1.69	cps
Barium	135-1	300342	302720	296334	299799	1.08	cps
Barium	137-1	514345	520034	511554	515311	0.84	cps
Beryllium	9-1	417	423	423	421	0.91	cps
Bismuth	209-1	1516433	1521503	1505032	1514323	0.56	cps
Bismuth	209-2	1081256	1035612	1021746	1046205	2.98	cps
Boron	10-1	508	433	433	458	9.45	cps
Boron	11-1	2475	2567	2617	2553	2.81	cps
Cadmium	111-1	4423	4905	4563	4630	5.36	cps
Cadmium	106-1	2375	2525	2259	2386	5.60	cps
Cadmium	108-1	213	192	229	211	8.90	cps
Calcium	43-1	607656	611660	602506	607274	0.76	cps
Calcium	44-1	9667903	9893553	9648369	9736609	1.40	cps
Chromium	52-2	29598	29525	29324	29482	0.48	cps
Cobalt	59-2	22368	22348	22675	22464	0.82	cps
Copper	63-2	149201	146045	147955	147734	1.08	cps
Dysprosium	156-1	17629	17604	17079	17437	1.78	cps
Dysprosium	156-2	10261	10134	9680	10025	3.04	cps
Erbium	164-1	13566	14000	13049	13538	3.52	cps
Erbium	164-2	7646	7802	7756	7735	1.04	cps
Gadolinium	160-1	15068	15810	15510	15463	2.42	cps
Gadolinium	160-2	11422	11078	11112	11204	1.69	cps
Holmium	165-1	2716414	2676474	2729101	2707330	1.01	cps
Holmium	165-2	1621739	1543026	1513868	1559544	3.58	cps
Indium	115-1	2444614	2468888	2455027	2456176	0.50	cps
Indium	115-2	438674	430762	423093	430843	1.81	cps
Iron	56-2	18311052	18285498	17889108	18161886	1.30	cps
Iron	57-2	462015	450789	447438	453414	1.68	cps
Krypton	83-1	417	430	427	424	1.64	cps
Lead	206-1	728890	726511	716068	723823	0.94	cps
Lead	207-1	609020	608201	600235	605819	0.80	cps
Lead	208-1	2836945	2833492	2807321	2825920	0.57	cps
Lithium	6-1	134027	134074	135352	134484	0.56	cps
Magnesium	24-2	350529	339614	344045	344729	1.59	cps

LB Number :	LB102011	Operator :	Jaswal
Lab Sample ID :	K2302-01DLX2	Instrumnet Name :	P8
Client Sample ID :	MH0YW7	Dilution Factor :	2
Date & Time Acquired ::	2019-04-10 13:40:37	DataFile Name :	020SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	314063	312999	312531	313198	0.25	cps
Molybdenum	94-1	4017	4226	4168	4137	2.60	cps
Molybdenum	95-1	2517	2742	2400	2553	6.80	cps
Molybdenum	96-1	3601	3234	3442	3426	5.37	cps
Molybdenum	97-1	1667	1767	1684	1706	3.14	cps
Molybdenum	98-1	4251	3917	4126	4098	4.11	cps
Neodymium	150-1	28191	27463	27958	27871	1.33	cps
Neodymium	150-2	12540	12423	12173	12378	1.51	cps
Nickel	60-2	18299	17992	18095	18129	0.86	cps
Phosphorus	31-2	2125	2159	2009	2097	3.76	cps
Potassium	39-2	151172	146733	149850	149252	1.53	cps
Rhodium	103-1	2357016	2282440	2325119	2321525	1.61	cps
Rhodium	103-2	1571268	1523106	1457823	1517399	3.75	cps
Scandium	45-1	1650804	1643773	1643164	1645913	0.26	cps
Scandium	45-2	55269	52679	51919	53289	3.30	cps
Selenium	77-2	70	70	63	68	5.68	cps
Selenium	78-2	17	26	56	33	62.09	cps
Selenium	82-1	64	35	13	37	68.19	cps
Silicon	28-1	7829773	7782577	7778025	7796792	0.37	cps
Silver	109-1	5560	5518	5401	5493	1.50	cps
Silver	107-1	5385	5510	6027	5640	6.03	cps
Sodium	23-2	51778	51101	50072	50984	1.68	cps
Strontium	86-1	262788	260819	259597	261068	0.62	cps
Strontium	88-1	2269773	2287134	2247124	2268010	0.88	cps
Sulfur	34-1	266876	270440	270049	269121	0.73	cps
Terbium	159-1	2843288	2884682	2793154	2840374	1.61	cps
Terbium	159-2	1690990	1595119	1528758	1604956	5.08	cps
Thallium	203-1	1150	1100	1033	1095	5.35	cps
Thallium	205-1	2559	1817	2292	2223	16.91	cps
Tin	118-1	12848	12465	12873	12729	1.80	cps
Titanium	47-1	88547	89628	88076	88750	0.90	cps
Uranium	238-1	13959	13099	13750	13602	3.30	cps
Vanadium	51-2	35275	33821	34105	34400	2.24	cps
Yttrium	89-1	2888911	2890753	2940869	2906844	1.01	cps
Yttrium	89-2	382561	367348	363149	371019	2.75	cps
Zinc	66-2	70512	69875	69748	70045	0.58	cps

LB Number :	LB102011	Operator :	Jaswal
Lab Sample ID :	K2302-01DLX2	Instrumnet Name :	P8
Client Sample ID :	MH0YW7	Dilution Factor :	2
Date & Time Acquired ::	2019-04-10 13:40:37	DataFile Name :	020SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	90-1	7102	6819	7002	6974	2.06	cps
Zirconium	91-1	1534	1425	1558	1506	4.71	cps

LB Number :	LB102011	Operator :	Jaswal
Lab Sample ID :	K2302-02DLX2	Instrumnet Name :	P8
Client Sample ID :	MH0YW7D	Dilution Factor :	2
Date & Time Acquired ::	2019-04-10 13:44:09	DataFile Name :	021SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	107377	107735	108088	107733	0.33	cps
Antimony	121-1	4309	4092	4418	4273	3.87	cps
Arsenic	75-2	5308	5514	5433	5418	1.91	cps
Barium	135-1	299494	304508	308619	304207	1.50	cps
Barium	137-1	516209	524214	524658	521694	0.91	cps
Beryllium	9-1	453	517	450	473	7.94	cps
Bismuth	209-1	1491879	1220061	1486938	1399626	11.11	cps
Bismuth	209-2	1078605	1083780	1095254	1085880	0.78	cps
Boron	10-1	592	517	567	558	6.84	cps
Boron	11-1	2692	2900	2784	2792	3.74	cps
Cadmium	111-1	4521	4526	4426	4491	1.25	cps
Cadmium	106-1	2425	2142	2209	2259	6.56	cps
Cadmium	108-1	217	254	225	232	8.49	cps
Calcium	43-1	610492	616170	615126	613929	0.49	cps
Calcium	44-1	9786804	9897413	9850840	9845019	0.56	cps
Chromium	52-2	30507	30116	30500	30374	0.74	cps
Cobalt	59-2	22792	23076	23076	22981	0.71	cps
Copper	63-2	150109	150835	149700	150215	0.38	cps
Dysprosium	156-1	17821	17629	17596	17682	0.69	cps
Dysprosium	156-2	10077	10137	10054	10090	0.43	cps
Erbium	164-1	13441	14292	14350	14028	3.63	cps
Erbium	164-2	7652	7762	8089	7835	2.90	cps
Gadolinium	160-1	15435	16695	15852	15994	4.01	cps
Gadolinium	160-2	11415	11532	11539	11495	0.60	cps
Holmium	165-1	2668240	2187888	2623089	2493072	10.64	cps
Holmium	165-2	1624198	1602905	1641470	1622858	1.19	cps
Indium	115-1	2469648	1982939	2389708	2280765	11.44	cps
Indium	115-2	447234	446922	448946	447701	0.24	cps
Iron	56-2	18519993	18392541	18608473	18507002	0.59	cps
Iron	57-2	462582	462342	469709	464878	0.90	cps
Krypton	83-1	413	417	423	418	1.22	cps
Lead	206-1	720525	734150	735165	729946	1.12	cps
Lead	207-1	609233	612265	619364	613620	0.85	cps
Lead	208-1	2820921	2852197	2874980	2849366	0.95	cps
Lithium	6-1	133672	115902	134809	128128	8.28	cps
Magnesium	24-2	356956	357824	353363	356048	0.66	cps

LB Number :	LB102011	Operator :	Jaswal
Lab Sample ID :	K2302-02DLX2	Instrumnet Name :	P8
Client Sample ID :	MH0YW7D	Dilution Factor :	2
Date & Time Acquired ::	2019-04-10 13:44:09	DataFile Name :	021SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	320370	316881	320569	319273	0.65	cps
Molybdenum	94-1	3692	3984	3942	3873	4.07	cps
Molybdenum	95-1	3042	2925	2542	2837	9.22	cps
Molybdenum	96-1	3209	3276	3317	3267	1.67	cps
Molybdenum	97-1	1392	1567	1659	1539	8.80	cps
Molybdenum	98-1	4343	4051	4184	4193	3.48	cps
Neodymium	150-1	29294	28231	28218	28581	2.16	cps
Neodymium	150-2	12363	12513	13387	12754	4.34	cps
Nickel	60-2	18556	18416	18559	18510	0.44	cps
Phosphorus	31-2	2292	2250	2059	2200	5.66	cps
Potassium	39-2	153884	152063	149260	151735	1.54	cps
Rhodium	103-1	2321001	1848578	2281127	2150235	12.18	cps
Rhodium	103-2	1541135	1529884	1604609	1558543	2.59	cps
Scandium	45-1	1639729	1323957	1628400	1530696	11.70	cps
Scandium	45-2	54265	54268	55372	54635	1.17	cps
Selenium	77-2	43	43	57	48	16.12	cps
Selenium	78-2	41	28	54	41	31.81	cps
Selenium	82-1	41	65	38	48	30.30	cps
Silicon	28-1	7715924	7756299	7866610	7779611	1.00	cps
Silver	109-1	5168	5802	5460	5476	5.79	cps
Silver	107-1	5952	5485	6043	5827	5.14	cps
Sodium	23-2	50749	50331	48551	49877	2.34	cps
Strontium	86-1	263376	269873	270455	267901	1.47	cps
Strontium	88-1	2307530	2337776	2310426	2318577	0.72	cps
Sulfur	34-1	271841	275216	271480	272846	0.76	cps
Terbium	159-1	2821903	2328724	2790795	2647140	10.43	cps
Terbium	159-2	1644760	1661717	1671667	1659381	0.82	cps
Thallium	203-1	908	1025	758	897	14.90	cps
Thallium	205-1	2450	2342	2200	2331	5.38	cps
Tin	118-1	12807	12582	12223	12537	2.35	cps
Titanium	47-1	90349	91490	89200	90347	1.27	cps
Uranium	238-1	13458	14334	13692	13828	3.28	cps
Vanadium	51-2	34803	35118	36030	35317	1.80	cps
Yttrium	89-1	2892306	2430363	2887358	2736676	9.69	cps
Yttrium	89-2	380848	376823	381969	379880	0.71	cps
Zinc	66-2	71286	70445	72207	71313	1.24	cps

LB Number :	LB102011	Operator :	Jaswal
Lab Sample ID :	K2302-02DLX2	Instrumnet Name :	P8
Client Sample ID :	MH0YW7D	Dilution Factor :	2
Date & Time Acquired ::	2019-04-10 13:44:09	DataFile Name :	021SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	90-1	6835	7436	6919	7063	4.60	cps
Zirconium	91-1	1692	1650	1684	1675	1.32	cps

LB Number :	LB102011	Operator :	Jaswal
Lab Sample ID :	K2302-01LDLX10	Instrumnet Name :	P8
Client Sample ID :	MH0YW7L	Dilution Factor :	10
Date & Time Acquired ::	2019-04-10 13:47:40	DataFile Name :	022SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	21582	20953	21008	21181	1.64	cps
Antimony	121-1	942	767	700	803	15.55	cps
Arsenic	75-2	1026	1046	1057	1043	1.53	cps
Barium	135-1	57158	58129	56070	57119	1.80	cps
Barium	137-1	99189	99112	98033	98778	0.65	cps
Beryllium	9-1	77	83	133	98	31.68	cps
Bismuth	209-1	1453111	1485911	1496601	1478541	1.53	cps
Bismuth	209-2	1069876	1079550	1079741	1076389	0.52	cps
Boron	10-1	183	167	108	153	25.78	cps
Boron	11-1	1067	1008	900	992	8.53	cps
Cadmium	111-1	1912	2008	1996	1972	2.66	cps
Cadmium	106-1	1967	2067	1925	1986	3.67	cps
Cadmium	108-1	33	50	38	40	21.54	cps
Calcium	43-1	119667	118944	118948	119186	0.35	cps
Calcium	44-1	1968885	1974068	1975385	1972779	0.17	cps
Chromium	52-2	6572	6262	6438	6424	2.42	cps
Cobalt	59-2	4421	4517	4477	4472	1.09	cps
Copper	63-2	30510	30069	30023	30201	0.89	cps
Dysprosium	156-1	3384	3151	3617	3384	6.90	cps
Dysprosium	156-2	1880	2014	2204	2032	8.00	cps
Erbium	164-1	2692	2842	2834	2789	3.02	cps
Erbium	164-2	1507	1600	1663	1590	4.96	cps
Gadolinium	160-1	3092	3134	3009	3078	2.07	cps
Gadolinium	160-2	2124	2137	2190	2150	1.64	cps
Holmium	165-1	2582284	2637410	2609676	2609790	1.06	cps
Holmium	165-2	1597187	1614024	1573791	1595001	1.27	cps
Indium	115-1	2336713	2385642	2344740	2355699	1.11	cps
Indium	115-2	441393	443239	443992	442875	0.30	cps
Iron	56-2	3710651	3690394	3707520	3702855	0.29	cps
Iron	57-2	91494	91454	90706	91218	0.49	cps
Krypton	83-1	390	327	410	376	11.58	cps
Lead	206-1	142351	140852	143944	142382	1.09	cps
Lead	207-1	118935	119509	120546	119663	0.68	cps
Lead	208-1	553424	551721	558931	554692	0.68	cps
Lithium	6-1	129411	130331	129750	129831	0.36	cps
Magnesium	24-2	69538	69822	67746	69035	1.63	cps

LB Number :	LB102011	Operator :	Jaswal
Lab Sample ID :	K2302-01LDLX10	Instrumnet Name :	P8
Client Sample ID :	MH0YW7L	Dilution Factor :	10
Date & Time Acquired ::	2019-04-10 13:47:40	DataFile Name :	022SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	63175	63276	62764	63072	0.43	cps
Molybdenum	94-1	825	800	750	792	4.82	cps
Molybdenum	95-1	508	567	625	567	10.29	cps
Molybdenum	96-1	725	742	567	678	14.25	cps
Molybdenum	97-1	392	208	308	303	30.32	cps
Molybdenum	98-1	842	750	917	836	9.98	cps
Neodymium	150-1	5161	5521	5461	5381	3.59	cps
Neodymium	150-2	2514	2477	2430	2474	1.69	cps
Nickel	60-2	3807	3637	3807	3751	2.62	cps
Phosphorus	31-2	433	433	408	425	3.40	cps
Potassium	39-2	39599	37518	38061	38392	2.81	cps
Rhodium	103-1	2282522	2315447	2303698	2300556	0.73	cps
Rhodium	103-2	1556605	1579607	1566677	1567630	0.74	cps
Scandium	45-1	1603852	1611453	1598463	1604590	0.41	cps
Scandium	45-2	54398	54435	54723	54519	0.33	cps
Selenium	77-2	10	3	10	8	49.52	cps
Selenium	78-2	17	9	9	12	36.47	cps
Selenium	82-1	-1	108	-4	34	185.71	cps
Silicon	28-1	6473721	6477947	6448874	6466847	0.24	cps
Silver	109-1	967	1075	1167	1070	9.36	cps
Silver	107-1	1200	1275	1075	1183	8.54	cps
Sodium	23-2	20666	20807	21091	20855	1.04	cps
Strontium	86-1	50386	52142	49031	50520	3.09	cps
Strontium	88-1	434984	437660	433410	435351	0.49	cps
Sulfur	34-1	269974	266577	269929	268827	0.72	cps
Terbium	159-1	2769135	2747581	2719191	2745302	0.91	cps
Terbium	159-2	1630896	1645819	1652845	1643187	0.68	cps
Thallium	203-1	258	250	200	236	13.36	cps
Thallium	205-1	617	642	417	558	22.09	cps
Tin	118-1	2542	2692	2534	2589	3.44	cps
Titanium	47-1	21192	20441	21425	21019	2.45	cps
Uranium	238-1	2534	2450	2292	2425	5.06	cps
Vanadium	51-2	7025	6945	7119	7030	1.23	cps
Yttrium	89-1	2656917	2652095	2649433	2652815	0.14	cps
Yttrium	89-2	355047	356276	355340	355555	0.18	cps
Zinc	66-2	13867	14361	14217	14149	1.80	cps

LB Number :	LB102011	Operator :	Jaswal
Lab Sample ID :	K2302-01LDLX10	Instrumnet Name :	P8
Client Sample ID :	MH0YW7L	Dilution Factor :	10
Date & Time Acquired ::	2019-04-10 13:47:40	DataFile Name :	022SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	90-1	1584	1508	1609	1567	3.32	cps
Zirconium	91-1	467	408	358	411	13.19	cps

LB Number :	LB102011	Operator :	Jaswal
Lab Sample ID :	K2302-03DLX2	Instrumnet Name :	P8
Client Sample ID :	MH0YW7S	Dilution Factor :	2
Date & Time Acquired ::	2019-04-10 13:51:10	DataFile Name :	023SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	107710	109091	107000	107933	0.99	cps
Antimony	121-1	37771	39710	40404	39295	3.47	cps
Arsenic	75-2	5705	6105	6300	6037	5.02	cps
Barium	135-1	429570	436122	443912	436535	1.64	cps
Barium	137-1	740037	750171	761969	750726	1.46	cps
Beryllium	9-1	2057	2037	2237	2110	5.22	cps
Bismuth	209-1	1431569	1454949	1501438	1462652	2.43	cps
Bismuth	209-2	1081496	1089402	1087500	1086133	0.38	cps
Boron	10-1	433	450	475	453	4.63	cps
Boron	11-1	2409	2525	2450	2461	2.40	cps
Cadmium	111-1	8348	8472	8831	8550	2.93	cps
Cadmium	106-1	2625	2725	2659	2670	1.91	cps
Cadmium	108-1	554	513	350	472	22.85	cps
Calcium	43-1	576599	585194	599032	586942	1.93	cps
Calcium	44-1	9236254	9504807	9584193	9441751	1.93	cps
Chromium	52-2	52937	53308	52682	52976	0.59	cps
Cobalt	59-2	126637	125768	124514	125640	0.85	cps
Copper	63-2	188489	189420	187342	188417	0.55	cps
Dysprosium	156-1	16486	16903	17387	16926	2.67	cps
Dysprosium	156-2	9957	9997	10007	9987	0.26	cps
Erbium	164-1	12632	13049	12724	12801	1.71	cps
Erbium	164-2	7896	7756	7662	7771	1.51	cps
Gadolinium	160-1	14083	14976	14867	14642	3.33	cps
Gadolinium	160-2	10635	10945	11429	11003	3.64	cps
Holmium	165-1	2513927	2631963	2624039	2589976	2.55	cps
Holmium	165-2	1615457	1634752	1637547	1629252	0.74	cps
Indium	115-1	2296015	2357194	2424093	2359101	2.72	cps
Indium	115-2	441070	442672	447381	443708	0.74	cps
Iron	56-2	18505091	18447732	18443494	18465439	0.19	cps
Iron	57-2	459712	461004	456664	459127	0.49	cps
Krypton	83-1	397	397	400	398	0.48	cps
Lead	206-1	684802	699899	717717	700806	2.35	cps
Lead	207-1	570089	595579	607346	591005	3.22	cps
Lead	208-1	2675754	2750530	2820329	2748871	2.63	cps
Lithium	6-1	127788	132687	135209	131895	2.86	cps
Magnesium	24-2	351952	350745	346662	349786	0.79	cps

LB Number :	LB102011	Operator :	Jaswal
Lab Sample ID :	K2302-03DLX2	Instrumnet Name :	P8
Client Sample ID :	MH0YW7S	Dilution Factor :	2
Date & Time Acquired ::	2019-04-10 13:51:10	DataFile Name :	023SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	336338	337394	336464	336732	0.17	cps
Molybdenum	94-1	3334	3767	3784	3628	7.03	cps
Molybdenum	95-1	2350	2709	2459	2506	7.34	cps
Molybdenum	96-1	3359	3384	2892	3212	8.62	cps
Molybdenum	97-1	1525	1617	1725	1622	6.17	cps
Molybdenum	98-1	3892	4109	3592	3865	6.72	cps
Neodymium	150-1	26394	27710	27590	27231	2.67	cps
Neodymium	150-2	12289	12850	12683	12607	2.28	cps
Nickel	60-2	46979	47581	47628	47396	0.76	cps
Phosphorus	31-2	1934	2100	2000	2011	4.17	cps
Potassium	39-2	150043	150396	150102	150180	0.13	cps
Rhodium	103-1	2211196	2246603	2297162	2251654	1.92	cps
Rhodium	103-2	1537916	1556088	1577609	1557204	1.28	cps
Scandium	45-1	1550582	1602233	1619628	1590814	2.26	cps
Scandium	45-2	55151	55646	55436	55411	0.45	cps
Selenium	77-2	73	100	80	84	16.44	cps
Selenium	78-2	81	98	107	96	13.73	cps
Selenium	82-1	689	700	674	687	1.86	cps
Silicon	28-1	7596172	7646079	7658038	7633429	0.43	cps
Silver	109-1	22829	22979	24515	23441	3.98	cps
Silver	107-1	24314	23972	25684	24657	3.67	cps
Sodium	23-2	47513	47247	47421	47394	0.29	cps
Strontium	86-1	247339	254678	258941	253652	2.31	cps
Strontium	88-1	2154405	2258761	2280053	2231073	3.01	cps
Sulfur	34-1	271078	268794	273004	270959	0.78	cps
Terbium	159-1	2679596	2750808	2829511	2753305	2.72	cps
Terbium	159-2	1652316	1679833	1656984	1663044	0.89	cps
Thallium	203-1	11406	11172	11231	11269	1.08	cps
Thallium	205-1	26687	25560	26829	26359	2.64	cps
Tin	118-1	11606	12465	12173	12081	3.62	cps
Titanium	47-1	83634	83852	83834	83773	0.14	cps
Uranium	238-1	13299	13324	13675	13433	1.56	cps
Vanadium	51-2	77071	77517	77047	77212	0.34	cps
Yttrium	89-1	2789740	2849308	2899405	2846151	1.93	cps
Yttrium	89-2	373896	377890	382537	378108	1.14	cps
Zinc	66-2	80871	81337	81015	81074	0.29	cps

LB Number :	LB102011	Operator :	Jaswal
Lab Sample ID :	K2302-03DLX2	Instrumnet Name :	P8
Client Sample ID :	MH0YW7S	Dilution Factor :	2
Date & Time Acquired ::	2019-04-10 13:51:10	DataFile Name :	023SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	90-1	6502	6835	6485	6607	2.99	cps
Zirconium	91-1	1467	1483	1534	1495	2.32	cps

LB Number :	LB102011	Operator :	Jaswal
Lab Sample ID :	K2302-04DLX2	Instrumnet Name :	P8
Client Sample ID :	MH0Z54	Dilution Factor :	2
Date & Time Acquired ::	2019-04-10 13:54:42	DataFile Name :	024SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	125959	125573	124857	125463	0.45	cps
Antimony	121-1	4843	4876	4851	4857	0.36	cps
Arsenic	75-2	3776	3702	3784	3754	1.20	cps
Barium	135-1	333673	330013	326200	329962	1.13	cps
Barium	137-1	576658	566253	566351	569754	1.05	cps
Beryllium	9-1	597	560	547	568	4.56	cps
Bismuth	209-1	1494741	1500102	1504219	1499687	0.32	cps
Bismuth	209-2	1083621	1101272	1100749	1095214	0.92	cps
Boron	10-1	1425	1350	1325	1367	3.81	cps
Boron	11-1	6652	7802	7894	7449	9.29	cps
Cadmium	111-1	5105	5196	4893	5065	3.07	cps
Cadmium	106-1	2500	2459	2259	2406	5.37	cps
Cadmium	108-1	250	233	246	243	3.57	cps
Calcium	43-1	670423	667445	674244	670704	0.51	cps
Calcium	44-1	10835045	10793766	10775367	10801393	0.28	cps
Chromium	52-2	25964	25370	25096	25477	1.74	cps
Cobalt	59-2	25113	25203	24856	25057	0.72	cps
Copper	63-2	171916	170388	172247	171517	0.58	cps
Dysprosium	156-1	17930	18556	18238	18241	1.72	cps
Dysprosium	156-2	10448	10661	10848	10652	1.88	cps
Erbium	164-1	14692	14600	14025	14439	2.51	cps
Erbium	164-2	8199	8313	8730	8414	3.32	cps
Gadolinium	160-1	15935	16344	15443	15908	2.84	cps
Gadolinium	160-2	12116	11909	12116	12047	0.99	cps
Holmium	165-1	2657615	2653941	2686192	2665916	0.66	cps
Holmium	165-2	1614176	1645336	1654504	1638005	1.29	cps
Indium	115-1	2406861	2400842	2406634	2404779	0.14	cps
Indium	115-2	445659	446750	449530	447313	0.45	cps
Iron	56-2	19438839	19236526	19307496	19327620	0.53	cps
Iron	57-2	484829	479471	478574	480958	0.70	cps
Krypton	83-1	393	403	453	417	7.71	cps
Lead	206-1	1395753	1374097	1386217	1385356	0.78	cps
Lead	207-1	1082800	1078388	1091922	1084370	0.64	cps
Lead	208-1	5191507	5224136	5220261	5211968	0.34	cps
Lithium	6-1	134771	135079	136450	135433	0.66	cps
Magnesium	24-2	372063	373620	370760	372148	0.38	cps

LB Number :	LB102011	Operator :	Jaswal
Lab Sample ID :	K2302-04DLX2	Instrumnet Name :	P8
Client Sample ID :	MH0Z54	Dilution Factor :	2
Date & Time Acquired ::	2019-04-10 13:54:42	DataFile Name :	024SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	386683	387574	387979	387412	0.17	cps
Molybdenum	94-1	4393	4201	4451	4348	3.01	cps
Molybdenum	95-1	3126	3409	3259	3264	4.34	cps
Molybdenum	96-1	4109	4084	4209	4134	1.60	cps
Molybdenum	97-1	2067	2192	2075	2111	3.31	cps
Molybdenum	98-1	5026	5385	4934	5115	4.65	cps
Neodymium	150-1	28973	28879	29086	28979	0.36	cps
Neodymium	150-2	12960	13317	13274	13183	1.48	cps
Nickel	60-2	23791	24028	23897	23905	0.50	cps
Phosphorus	31-2	4309	4384	4551	4415	2.80	cps
Potassium	39-2	161140	157354	159022	159172	1.19	cps
Rhodium	103-1	2319856	2306815	2294617	2307096	0.55	cps
Rhodium	103-2	1555721	1596471	1571012	1574401	1.31	cps
Scandium	45-1	1624019	1644083	1611134	1626412	1.02	cps
Scandium	45-2	55138	55988	54525	55217	1.33	cps
Selenium	77-2	53	40	67	53	25.00	cps
Selenium	78-2	46	46	35	43	15.06	cps
Selenium	82-1	97	82	11	63	72.68	cps
Silicon	28-1	7881521	7911524	7858569	7883871	0.34	cps
Silver	109-1	6935	7277	6919	7044	2.87	cps
Silver	107-1	7819	7711	7969	7833	1.66	cps
Sodium	23-2	104625	103046	103399	103690	0.80	cps
Strontium	86-1	340335	341163	341034	340844	0.13	cps
Strontium	88-1	2942676	2968514	2972025	2961072	0.54	cps
Sulfur	34-1	274152	274220	277718	275363	0.74	cps
Terbium	159-1	2857086	2866365	2849626	2857692	0.29	cps
Terbium	159-2	1693833	1687796	1691129	1690919	0.18	cps
Thallium	203-1	1250	1367	1333	1317	4.57	cps
Thallium	205-1	2934	2859	3000	2931	2.42	cps
Tin	118-1	37195	36852	36401	36816	1.08	cps
Titanium	47-1	81286	82367	79258	80970	1.95	cps
Uranium	238-1	20693	20342	19975	20337	1.77	cps
Vanadium	51-2	39523	40408	39860	39930	1.12	cps
Yttrium	89-1	2907728	2907767	2899144	2904880	0.17	cps
Yttrium	89-2	384502	386813	383094	384803	0.49	cps
Zinc	66-2	102398	104591	104151	103713	1.12	cps

LB Number :	LB102011	Operator :	Jaswal
Lab Sample ID :	K2302-04DLX2	Instrumnet Name :	P8
Client Sample ID :	MH0Z54	Dilution Factor :	2
Date & Time Acquired ::	2019-04-10 13:54:42	DataFile Name :	024SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	90-1	7352	6910	6902	7055	3.65	cps
Zirconium	91-1	1617	1450	1667	1578	7.19	cps

LB Number :	LB102011	Operator :	Jaswal
Lab Sample ID :	K2302-05DLX5	Instrumnet Name :	P8
Client Sample ID :	MH0Z55	Dilution Factor :	5
Date & Time Acquired ::	2019-04-10 13:58:12	DataFile Name :	025SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	32618	33149	32836	32868	0.81	cps
Antimony	121-1	2459	2242	2484	2395	5.55	cps
Arsenic	75-2	3986	4049	3949	3994	1.27	cps
Barium	135-1	103354	104545	103612	103837	0.60	cps
Barium	137-1	176042	178812	181481	178778	1.52	cps
Beryllium	9-1	217	167	173	186	14.63	cps
Bismuth	209-1	1563410	1494316	1489274	1515667	2.73	cps
Bismuth	209-2	1097141	1094802	1091787	1094577	0.25	cps
Boron	10-1	275	258	292	275	6.06	cps
Boron	11-1	1508	1392	1642	1514	8.26	cps
Cadmium	111-1	5532	5951	5751	5745	3.65	cps
Cadmium	106-1	2300	2484	2417	2400	3.87	cps
Cadmium	108-1	292	304	363	319	11.83	cps
Calcium	43-1	192991	196717	198086	195931	1.35	cps
Calcium	44-1	3146545	3141310	3211965	3166607	1.24	cps
Chromium	52-2	8760	8636	8706	8701	0.71	cps
Cobalt	59-2	8449	8173	8393	8338	1.75	cps
Copper	63-2	112000	112931	112401	112444	0.42	cps
Dysprosium	156-1	5151	4876	5401	5143	5.11	cps
Dysprosium	156-2	2934	2917	3074	2975	2.89	cps
Erbium	164-1	4251	3959	4334	4181	4.71	cps
Erbium	164-2	2537	2324	2447	2436	4.40	cps
Gadolinium	160-1	4568	4826	4434	4609	4.32	cps
Gadolinium	160-2	3507	3654	3310	3491	4.94	cps
Holmium	165-1	2768251	2638755	2587549	2664852	3.49	cps
Holmium	165-2	1607485	1606732	1624970	1613062	0.64	cps
Indium	115-1	2551968	2384059	2384993	2440340	3.96	cps
Indium	115-2	444595	437757	443354	441902	0.82	cps
Iron	56-2	7433794	7639854	7545613	7539754	1.37	cps
Iron	57-2	188588	187698	186532	187606	0.55	cps
Krypton	83-1	350	347	343	347	0.96	cps
Lead	206-1	816625	822217	822086	820309	0.39	cps
Lead	207-1	701367	709042	706868	705759	0.56	cps
Lead	208-1	3240734	3257877	3279574	3259395	0.60	cps
Lithium	6-1	133149	131019	130816	131661	0.98	cps
Magnesium	24-2	95302	94152	94732	94729	0.61	cps

LB Number :	LB102011	Operator :	Jaswal
Lab Sample ID :	K2302-05DLX5	Instrumnet Name :	P8
Client Sample ID :	MH0Z55	Dilution Factor :	5
Date & Time Acquired ::	2019-04-10 13:58:12	DataFile Name :	025SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	211710	210502	212796	211670	0.54	cps
Molybdenum	94-1	1684	1592	1534	1603	4.72	cps
Molybdenum	95-1	1133	1233	858	1075	18.06	cps
Molybdenum	96-1	1433	1550	1325	1436	7.84	cps
Molybdenum	97-1	633	608	775	672	13.37	cps
Molybdenum	98-1	2175	1767	1725	1889	13.16	cps
Neodymium	150-1	8396	7696	8176	8089	4.43	cps
Neodymium	150-2	3737	3771	3631	3713	1.97	cps
Nickel	60-2	7345	7209	7162	7239	1.32	cps
Phosphorus	31-2	892	725	867	828	10.86	cps
Potassium	39-2	47214	46411	47598	47074	1.29	cps
Rhodium	103-1	2442211	2301845	2313004	2352353	3.32	cps
Rhodium	103-2	1577042	1561123	1591739	1576635	0.97	cps
Scandium	45-1	1704645	1601073	1572826	1626181	4.27	cps
Scandium	45-2	54291	53495	53793	53860	0.75	cps
Selenium	77-2	30	17	23	23	28.56	cps
Selenium	78-2	20	28	19	22	22.05	cps
Selenium	82-1	50	42	65	53	22.37	cps
Silicon	28-1	6771379	6805191	6782565	6786378	0.25	cps
Silver	109-1	5885	6360	5943	6063	4.28	cps
Silver	107-1	6152	6418	6377	6316	2.27	cps
Sodium	23-2	43417	43559	42841	43272	0.88	cps
Strontium	86-1	82500	81695	83648	82614	1.19	cps
Strontium	88-1	707624	702236	707353	705738	0.43	cps
Sulfur	34-1	270561	268665	267954	269060	0.50	cps
Terbium	159-1	2954094	2814465	2763908	2844156	3.46	cps
Terbium	159-2	1668959	1619030	1654493	1647494	1.56	cps
Thallium	203-1	458	575	600	544	13.89	cps
Thallium	205-1	1392	1292	1225	1303	6.44	cps
Tin	118-1	8161	8253	8253	8222	0.64	cps
Titanium	47-1	23938	24289	24464	24230	1.10	cps
Uranium	238-1	5151	5293	5026	5157	2.59	cps
Vanadium	51-2	13163	13283	13193	13213	0.47	cps
Yttrium	89-1	2885497	2702722	2698806	2762341	3.86	cps
Yttrium	89-2	359195	354473	360743	358137	0.91	cps
Zinc	66-2	125630	126996	125266	125964	0.72	cps

LB Number :	LB102011	Operator :	Jaswal
Lab Sample ID :	K2302-05DLX5	Instrumnet Name :	P8
Client Sample ID :	MH0Z55	Dilution Factor :	5
Date & Time Acquired ::	2019-04-10 13:58:12	DataFile Name :	025SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	90-1	2425	2350	2409	2395	1.64	cps
Zirconium	91-1	642	492	717	617	18.58	cps

LB Number :	LB102011	Operator :	Jaswal
Lab Sample ID :	K2300-06A	Instrumnet Name :	P8
Client Sample ID :	MH0YW6A	Dilution Factor :	1
Date & Time Acquired ::	2019-04-10 14:01:42	DataFile Name :	026SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	405282	408748	408596	407542	0.48	cps
Antimony	121-1	19891	20550	20775	20405	2.25	cps
Arsenic	75-2	7471	7615	7545	7543	0.96	cps
Barium	135-1	1600712	1576927	1587671	1588437	0.75	cps
Barium	137-1	2711061	2715026	2741282	2722456	0.60	cps
Beryllium	9-1	2354	2467	2504	2441	3.20	cps
Bismuth	209-1	1501010	1507920	1531988	1513639	1.07	cps
Bismuth	209-2	1143826	1158303	1138475	1146868	0.89	cps
Boron	10-1	6477	6727	6735	6646	2.21	cps
Boron	11-1	34869	34743	36113	35242	2.15	cps
Cadmium	111-1	14682	14395	14434	14503	1.07	cps
Cadmium	106-1	3892	3667	3617	3726	3.93	cps
Cadmium	108-1	892	933	792	872	8.35	cps
Calcium	43-1	1760538	1773524	1733416	1755826	1.17	cps
Calcium	44-1	27860516	27843808	27782430	27828918	0.15	cps
Chromium	52-2	281545	279282	282259	281029	0.55	cps
Cobalt	59-2	198260	200103	201422	199928	0.79	cps
Copper	63-2	541329	537852	542780	540654	0.47	cps
Dysprosium	156-1	41860	41291	40974	41375	1.08	cps
Dysprosium	156-2	24303	24967	24820	24697	1.41	cps
Erbium	164-1	37330	35274	36928	36511	2.98	cps
Erbium	164-2	21161	21331	21261	21251	0.40	cps
Gadolinium	160-1	37581	36820	36126	36842	1.98	cps
Gadolinium	160-2	27579	27579	28037	27732	0.95	cps
Holmium	165-1	2687431	2681098	2719799	2696109	0.77	cps
Holmium	165-2	1711613	1741428	1670965	1708002	2.07	cps
Indium	115-1	2378847	2393429	2445490	2405922	1.46	cps
Indium	115-2	462379	465450	453261	460363	1.38	cps
Iron	56-2	43806166	43581169	44166418	43851251	0.67	cps
Iron	57-2	1092156	1082880	1101329	1092122	0.84	cps
Krypton	83-1	423	507	473	468	8.97	cps
Lead	206-1	5236251	5257080	5251105	5248146	0.20	cps
Lead	207-1	4400181	4369733	4419542	4396486	0.57	cps
Lead	208-1	20254789	20266785	20320229	20280601	0.17	cps
Lithium	6-1	137463	141452	142314	140410	1.84	cps
Magnesium	24-2	533351	531093	530858	531767	0.26	cps

LB Number :	LB102011	Operator :	Jaswal
Lab Sample ID :	K2300-06A	Instrumnet Name :	P8
Client Sample ID :	MH0YW6A	Dilution Factor :	1
Date & Time Acquired ::	2019-04-10 14:01:42	DataFile Name :	026SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	1148598	1147332	1164150	1153360	0.81	cps
Molybdenum	94-1	18864	18305	19139	18769	2.27	cps
Molybdenum	95-1	9512	8703	9504	9240	5.03	cps
Molybdenum	96-1	12364	11530	12556	12150	4.49	cps
Molybdenum	97-1	5843	5318	5285	5482	5.72	cps
Molybdenum	98-1	14158	14317	14500	14325	1.19	cps
Neodymium	150-1	63588	64452	63561	63867	0.79	cps
Neodymium	150-2	28645	28748	29433	28942	1.48	cps
Nickel	60-2	121505	120832	120944	121094	0.30	cps
Phosphorus	31-2	6610	6568	6518	6566	0.70	cps
Potassium	39-2	250841	246602	248329	248591	0.86	cps
Rhodium	103-1	2253272	2288508	2275488	2272423	0.78	cps
Rhodium	103-2	1600117	1634595	1598328	1611013	1.27	cps
Scandium	45-1	1616117	1639214	1654438	1636589	1.18	cps
Scandium	45-2	56450	57036	54636	56041	2.23	cps
Selenium	77-2	133	123	167	141	16.08	cps
Selenium	78-2	100	80	98	93	12.17	cps
Selenium	82-1	183	122	145	150	20.56	cps
Silicon	28-1	13470992	13667310	13595586	13577963	0.73	cps
Silver	109-1	18388	18706	19431	18842	2.84	cps
Silver	107-1	19749	19081	19724	19518	1.94	cps
Sodium	23-2	400797	397642	405289	401243	0.96	cps
Strontium	86-1	1332756	1335073	1334715	1334182	0.09	cps
Strontium	88-1	11265420	11428884	11421470	11371925	0.81	cps
Sulfur	34-1	291378	294797	289687	291954	0.89	cps
Terbium	159-1	2817999	2864905	2875211	2852705	1.07	cps
Terbium	159-2	1773608	1809491	1702810	1761970	3.08	cps
Thallium	203-1	2025	2242	2425	2231	8.98	cps
Thallium	205-1	4893	5093	5076	5021	2.21	cps
Tin	118-1	209393	208259	213549	210400	1.32	cps
Titanium	47-1	402597	405389	406293	404760	0.48	cps
Uranium	238-1	48002	47968	47893	47954	0.12	cps
Vanadium	51-2	383019	379888	382607	381838	0.45	cps
Yttrium	89-1	3391787	3388267	3388662	3389572	0.06	cps
Yttrium	89-2	457966	458993	444894	453951	1.73	cps
Zinc	66-2	655776	651138	662345	656420	0.86	cps

LB Number :	LB102011	Operator :	Jaswal
Lab Sample ID :	K2300-06A	Instrumnet Name :	P8
Client Sample ID :	MH0YW6A	Dilution Factor :	1
Date & Time Acquired ::	2019-04-10 14:01:42	DataFile Name :	026SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	90-1	36191	36057	37421	36556	2.06	cps
Zirconium	91-1	8378	7661	8428	8156	5.26	cps

LB Number :	LB102011	Operator :	Jaswal
Lab Sample ID :	K2302-01AREDLX2	Instrumnet Name :	P8
Client Sample ID :	MH0YW7A	Dilution Factor :	2
Date & Time Acquired ::	2019-04-10 14:05:10	DataFile Name :	027SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	103677	107465	107103	106081	1.97	cps
Antimony	121-1	4092	3934	4509	4179	7.11	cps
Arsenic	75-2	5134	5346	5666	5382	4.97	cps
Barium	135-1	314152	312397	316306	314285	0.62	cps
Barium	137-1	540861	549562	543438	544620	0.82	cps
Beryllium	9-1	473	503	493	490	3.12	cps
Bismuth	209-1	1576076	1518749	1557696	1550840	1.89	cps
Bismuth	209-2	1096223	1149508	1156186	1133972	2.90	cps
Boron	10-1	683	508	558	583	15.45	cps
Boron	11-1	3050	2867	2767	2895	4.96	cps
Cadmium	111-1	4520	5060	4357	4645	7.92	cps
Cadmium	106-1	2484	2717	2175	2459	11.05	cps
Cadmium	108-1	200	246	238	228	10.72	cps
Calcium	43-1	614428	616796	615185	615470	0.20	cps
Calcium	44-1	9946314	10087210	9913012	9982179	0.93	cps
Chromium	52-2	29117	29171	31031	29773	3.66	cps
Cobalt	59-2	22832	23450	23447	23243	1.53	cps
Copper	63-2	146853	152478	152348	150559	2.13	cps
Dysprosium	156-1	18547	18255	18597	18467	1.00	cps
Dysprosium	156-2	10177	10531	10478	10395	1.83	cps
Erbium	164-1	14192	14175	13883	14083	1.23	cps
Erbium	164-2	8123	8163	8496	8261	2.48	cps
Gadolinium	160-1	16019	16444	16035	16166	1.49	cps
Gadolinium	160-2	11612	11979	12129	11907	2.23	cps
Holmium	165-1	2769094	2728973	2767653	2755240	0.83	cps
Holmium	165-2	1608367	1716471	1738902	1687914	4.14	cps
Indium	115-1	2513484	2506176	2497958	2505873	0.31	cps
Indium	115-2	437796	464045	460471	454104	3.13	cps
Iron	56-2	17927973	18717653	18749381	18465002	2.52	cps
Iron	57-2	444195	463690	468921	458936	2.84	cps
Krypton	83-1	443	307	393	381	18.14	cps
Lead	206-1	767592	772026	771088	770236	0.30	cps
Lead	207-1	649746	648576	647831	648717	0.15	cps
Lead	208-1	3037183	3019690	2999055	3018643	0.63	cps
Lithium	6-1	138468	137577	138861	138302	0.48	cps
Magnesium	24-2	340821	349494	352408	347574	1.73	cps

LB Number :	LB102011	Operator :	Jaswal
Lab Sample ID :	K2302-01AREDLX2	Instrumnet Name :	P8
Client Sample ID :	MH0YW7A	Dilution Factor :	2
Date & Time Acquired ::	2019-04-10 14:05:10	DataFile Name :	027SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	308626	323880	323806	318771	2.76	cps
Molybdenum	94-1	3917	3926	3634	3826	4.34	cps
Molybdenum	95-1	2750	2942	2525	2739	7.62	cps
Molybdenum	96-1	3642	3542	3734	3640	2.63	cps
Molybdenum	97-1	1717	1667	1559	1647	4.91	cps
Molybdenum	98-1	4443	4401	4443	4429	0.54	cps
Neodymium	150-1	29140	29227	29627	29331	0.89	cps
Neodymium	150-2	13273	13360	13013	13216	1.37	cps
Nickel	60-2	17938	18639	19354	18644	3.80	cps
Phosphorus	31-2	1884	2034	2125	2014	6.06	cps
Potassium	39-2	145176	152577	151826	149860	2.72	cps
Rhodium	103-1	2392171	2294474	2416636	2367761	2.73	cps
Rhodium	103-2	1507311	1618963	1626205	1584160	4.21	cps
Scandium	45-1	1670183	1629567	1633060	1644270	1.37	cps
Scandium	45-2	52642	55419	55703	54588	3.10	cps
Selenium	77-2	77	63	57	66	15.54	cps
Selenium	78-2	33	56	46	45	24.78	cps
Selenium	82-1	36	188	120	115	66.66	cps
Silicon	28-1	7895991	7961829	7829857	7895892	0.84	cps
Silver	109-1	5410	5551	5501	5487	1.31	cps
Silver	107-1	5793	5651	5818	5754	1.56	cps
Sodium	23-2	42498	43827	45223	43849	3.11	cps
Strontium	86-1	272777	269651	277056	273161	1.36	cps
Strontium	88-1	2362053	2384341	2392407	2379600	0.66	cps
Sulfur	34-1	273356	268987	269387	270577	0.89	cps
Terbium	159-1	2941122	2847933	2918287	2902447	1.67	cps
Terbium	159-2	1660415	1742729	1773616	1725587	3.39	cps
Thallium	203-1	1133	842	942	972	15.24	cps
Thallium	205-1	2100	2384	2425	2303	7.68	cps
Tin	118-1	13324	12982	13307	13204	1.46	cps
Titanium	47-1	92261	92221	90518	91667	1.09	cps
Uranium	238-1	14543	14434	14818	14598	1.35	cps
Vanadium	51-2	34005	35365	35442	34937	2.31	cps
Yttrium	89-1	2984204	2924617	3030925	2979916	1.79	cps
Yttrium	89-2	372014	393673	392955	386214	3.19	cps
Zinc	66-2	69074	72757	72991	71607	3.07	cps

LB Number :	LB102011	Operator :	Jaswal
Lab Sample ID :	K2302-01AREDLX2	Instrumnet Name :	P8
Client Sample ID :	MH0YW7A	Dilution Factor :	2
Date & Time Acquired ::	2019-04-10 14:05:10	DataFile Name :	027SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	90-1	7035	6627	6827	6830	2.99	cps
Zirconium	91-1	1675	1442	1550	1556	7.51	cps

LB Number :	LB102011	Operator :	Jaswal
Lab Sample ID :	K2300-06ADLX2	Instrumnet Name :	P8
Client Sample ID :	MH0YW6A	Dilution Factor :	2
Date & Time Acquired ::	2019-04-10 14:09:59	DataFile Name :	028SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	208056	206469	204059	206195	0.98	cps
Antimony	121-1	10496	10913	10863	10758	2.12	cps
Arsenic	75-2	3849	3825	3973	3882	2.05	cps
Barium	135-1	803130	811171	805997	806766	0.51	cps
Barium	137-1	1388232	1400228	1392985	1393815	0.43	cps
Beryllium	9-1	1273	1223	1153	1217	4.95	cps
Bismuth	209-1	1565651	1564075	1577286	1569004	0.46	cps
Bismuth	209-2	1144294	1149771	1093248	1129104	2.76	cps
Boron	10-1	3451	3592	3434	3492	2.49	cps
Boron	11-1	17253	18262	18521	18012	3.72	cps
Cadmium	111-1	8094	8004	7616	7905	3.21	cps
Cadmium	106-1	3100	2775	2692	2856	7.56	cps
Cadmium	108-1	463	450	504	472	6.01	cps
Calcium	43-1	877833	883192	884804	881943	0.41	cps
Calcium	44-1	14018554	14323706	14202137	14181466	1.08	cps
Chromium	52-2	143400	143988	139836	142408	1.58	cps
Cobalt	59-2	103410	101890	98164	101155	2.67	cps
Copper	63-2	278295	275228	268665	274063	1.80	cps
Dysprosium	156-1	20483	21560	20584	20876	2.85	cps
Dysprosium	156-2	12359	12790	11972	12374	3.30	cps
Erbium	164-1	17488	18005	18414	17969	2.58	cps
Erbium	164-2	10758	10928	10218	10635	3.49	cps
Gadolinium	160-1	18405	19332	19040	18926	2.50	cps
Gadolinium	160-2	14351	14341	13384	14026	3.96	cps
Holmium	165-1	2797896	2805489	2783330	2795572	0.40	cps
Holmium	165-2	1703632	1700255	1644081	1682656	1.99	cps
Indium	115-1	2547860	2497866	2539065	2528264	1.06	cps
Indium	115-2	458779	463355	441083	454406	2.59	cps
Iron	56-2	22326357	22250291	21687160	22087936	1.58	cps
Iron	57-2	556452	557028	536310	549930	2.15	cps
Krypton	83-1	420	443	337	400	14.02	cps
Lead	206-1	2683355	2675537	2721205	2693366	0.91	cps
Lead	207-1	2278594	2306834	2311441	2298956	0.77	cps
Lead	208-1	10437651	10521637	10649087	10536125	1.01	cps
Lithium	6-1	137673	138602	140675	138983	1.11	cps
Magnesium	24-2	266192	270060	255161	263804	2.93	cps

LB Number :	LB102011	Operator :	Jaswal
Lab Sample ID :	K2300-06ADLX2	Instrumnet Name :	P8
Client Sample ID :	MH0YW6A	Dilution Factor :	2
Date & Time Acquired ::	2019-04-10 14:09:59	DataFile Name :	028SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	588442	588767	567249	581486	2.12	cps
Molybdenum	94-1	8853	9045	9295	9064	2.45	cps
Molybdenum	95-1	5034	4201	4884	4707	9.44	cps
Molybdenum	96-1	6318	6427	6560	6435	1.88	cps
Molybdenum	97-1	3075	2809	2950	2945	4.53	cps
Molybdenum	98-1	7419	8011	7594	7675	3.96	cps
Neodymium	150-1	32240	32882	32481	32534	1.00	cps
Neodymium	150-2	14799	15182	14051	14677	3.92	cps
Nickel	60-2	62138	61553	59685	61125	2.10	cps
Phosphorus	31-2	3100	3434	3359	3298	5.30	cps
Potassium	39-2	131620	132746	127282	130549	2.21	cps
Rhodium	103-1	2425860	2355306	2417756	2399641	1.61	cps
Rhodium	103-2	1638030	1604684	1569778	1604164	2.13	cps
Scandium	45-1	1675571	1705451	1709341	1696788	1.09	cps
Scandium	45-2	56011	57240	54650	55967	2.31	cps
Selenium	77-2	43	90	60	64	36.70	cps
Selenium	78-2	54	57	35	49	24.41	cps
Selenium	82-1	81	71	104	86	19.54	cps
Silicon	28-1	10024364	10051403	10025656	10033808	0.15	cps
Silver	109-1	9229	9520	9420	9390	1.58	cps
Silver	107-1	10188	10154	10146	10163	0.22	cps
Sodium	23-2	209218	207465	195632	204105	3.62	cps
Strontium	86-1	672693	682545	679030	678089	0.74	cps
Strontium	88-1	5896452	5837929	5818500	5850960	0.69	cps
Sulfur	34-1	281258	280107	278070	279811	0.58	cps
Terbium	159-1	2953862	2959649	2981193	2964901	0.49	cps
Terbium	159-2	1739796	1772928	1686832	1733185	2.51	cps
Thallium	203-1	1192	1158	1158	1170	1.65	cps
Thallium	205-1	2725	2592	2675	2664	2.53	cps
Tin	118-1	108480	107649	110580	108903	1.39	cps
Titanium	47-1	210930	207712	209072	209238	0.77	cps
Uranium	238-1	24634	24149	24642	24475	1.15	cps
Vanadium	51-2	193765	195621	189787	193058	1.54	cps
Yttrium	89-1	3130116	3119940	3157845	3135967	0.63	cps
Yttrium	89-2	409326	410253	396587	405389	1.88	cps
Zinc	66-2	338920	337277	331319	335839	1.19	cps

LB Number :	LB102011	Operator :	Jaswal
Lab Sample ID :	K2300-06ADLX2	Instrumnet Name :	P8
Client Sample ID :	MH0YW6A	Dilution Factor :	2
Date & Time Acquired ::	2019-04-10 14:09:59	DataFile Name :	028SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	90-1	18288	18597	17896	18260	1.92	cps
Zirconium	91-1	4126	4209	4126	4154	1.16	cps

LB Number :	LB102011	Operator :	Jaswal
Lab Sample ID :	K2302-01ADLX2	Instrumnet Name :	P8
Client Sample ID :	MH0YW7A	Dilution Factor :	2
Date & Time Acquired ::	2019-04-10 14:15:34	DataFile Name :	029SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	107279	107115	107486	107293	0.17	cps
Antimony	121-1	3976	4343	3926	4081	5.58	cps
Arsenic	75-2	5421	5427	5570	5473	1.54	cps
Barium	135-1	309090	315962	314354	313135	1.15	cps
Barium	137-1	536546	539503	539985	538678	0.35	cps
Beryllium	9-1	420	517	433	457	11.47	cps
Bismuth	209-1	1568499	1582892	1583102	1578164	0.53	cps
Bismuth	209-2	1181325	1168972	1163461	1171252	0.78	cps
Boron	10-1	683	492	600	592	16.24	cps
Boron	11-1	2892	2934	2750	2859	3.36	cps
Cadmium	111-1	4680	4756	4998	4811	3.46	cps
Cadmium	106-1	2542	2309	2375	2409	4.99	cps
Cadmium	108-1	292	242	200	244	18.78	cps
Calcium	43-1	623444	623276	626145	624288	0.26	cps
Calcium	44-1	10011452	10079646	10133368	10074822	0.61	cps
Chromium	52-2	30988	30413	30243	30548	1.28	cps
Cobalt	59-2	23206	23266	23206	23226	0.15	cps
Copper	63-2	153178	152362	153633	153057	0.42	cps
Dysprosium	156-1	18372	18973	18071	18472	2.49	cps
Dysprosium	156-2	10765	10708	10451	10641	1.57	cps
Erbium	164-1	14784	13950	13866	14200	3.57	cps
Erbium	164-2	8249	8203	8443	8298	1.53	cps
Gadolinium	160-1	16519	16127	15752	16133	2.38	cps
Gadolinium	160-2	12129	12046	11986	12054	0.60	cps
Holmium	165-1	2811939	2792546	2758490	2787658	0.97	cps
Holmium	165-2	1752932	1725691	1736818	1738481	0.79	cps
Indium	115-1	2488676	2498396	2557384	2514819	1.48	cps
Indium	115-2	466912	465397	464535	465615	0.26	cps
Iron	56-2	18965391	19081266	19221067	19089241	0.67	cps
Iron	57-2	473501	472862	476032	474132	0.35	cps
Krypton	83-1	380	373	417	390	5.98	cps
Lead	206-1	763038	772369	766082	767163	0.62	cps
Lead	207-1	632499	646042	647001	641847	1.26	cps
Lead	208-1	2961118	2985289	3008200	2984869	0.79	cps
Lithium	6-1	140083	141057	142104	141082	0.72	cps
Magnesium	24-2	355457	347778	351442	351559	1.09	cps

LB Number :	LB102011	Operator :	Jaswal
Lab Sample ID :	K2302-01ADLX2	Instrumnet Name :	P8
Client Sample ID :	MH0YW7A	Dilution Factor :	2
Date & Time Acquired ::	2019-04-10 14:15:34	DataFile Name :	029SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	324320	326026	327865	326070	0.54	cps
Molybdenum	94-1	3917	3992	4484	4131	7.45	cps
Molybdenum	95-1	3017	2659	2725	2800	6.81	cps
Molybdenum	96-1	3317	3643	3884	3615	7.87	cps
Molybdenum	97-1	1909	1550	1558	1672	12.23	cps
Molybdenum	98-1	4293	4226	4393	4304	1.95	cps
Neodymium	150-1	29220	29380	29367	29322	0.30	cps
Neodymium	150-2	13087	13053	13264	13135	0.86	cps
Nickel	60-2	18669	19320	19040	19010	1.72	cps
Phosphorus	31-2	2225	2450	2050	2242	8.95	cps
Potassium	39-2	154009	150398	152781	152396	1.20	cps
Rhodium	103-1	2413439	2446487	2409204	2423043	0.84	cps
Rhodium	103-2	1622403	1654593	1618567	1631854	1.21	cps
Scandium	45-1	1685022	1682167	1704005	1690398	0.70	cps
Scandium	45-2	56751	56178	56861	56597	0.65	cps
Selenium	77-2	73	67	87	76	13.48	cps
Selenium	78-2	96	83	111	97	14.34	cps
Selenium	82-1	614	645	538	599	9.23	cps
Silicon	28-1	7937983	7936909	7898213	7924368	0.29	cps
Silver	109-1	5118	5610	5501	5410	4.78	cps
Silver	107-1	5393	5626	5235	5418	3.64	cps
Sodium	23-2	43986	41587	42581	42718	2.82	cps
Strontium	86-1	276657	275040	268593	273430	1.56	cps
Strontium	88-1	2369427	2390885	2371517	2377276	0.50	cps
Sulfur	34-1	279818	279114	281020	279984	0.34	cps
Terbium	159-1	3031750	2931144	2959766	2974220	1.74	cps
Terbium	159-2	1791362	1775058	1780414	1782278	0.47	cps
Thallium	203-1	900	1125	958	995	11.74	cps
Thallium	205-1	2350	2309	2142	2267	4.86	cps
Tin	118-1	12932	13174	12907	13004	1.13	cps
Titanium	47-1	90258	89922	91843	90674	1.13	cps
Uranium	238-1	13808	14100	14351	14086	1.93	cps
Vanadium	51-2	35288	35739	35442	35490	0.65	cps
Yttrium	89-1	3033327	3082768	3043995	3053363	0.85	cps
Yttrium	89-2	396351	400522	395964	397612	0.64	cps
Zinc	66-2	72712	71848	72716	72426	0.69	cps

LB Number :	LB102011	Operator :	Jaswal
Lab Sample ID :	K2302-01ADLX2	Instrumnet Name :	P8
Client Sample ID :	MH0YW7A	Dilution Factor :	2
Date & Time Acquired ::	2019-04-10 14:15:34	DataFile Name :	029SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	90-1	6810	7219	7194	7074	3.24	cps
Zirconium	91-1	1692	1575	1634	1634	3.57	cps

LB Number :	LB102011	Operator :	Jaswal
Lab Sample ID :	CCV074	Instrumnet Name :	P8
Client Sample ID :	CCV074	Dilution Factor :	1
Date & Time Acquired ::	2019-04-10 14:22:49	DataFile Name :	030CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	474705	471737	473671	473371	0.32	cps
Antimony	121-1	1608712	1630612	1649995	1629773	1.27	cps
Arsenic	75-2	81371	81828	80989	81396	0.52	cps
Barium	135-1	1612539	1652635	1687603	1650926	2.28	cps
Barium	137-1	2740499	2850488	2860517	2817168	2.36	cps
Beryllium	9-1	157291	156891	160270	158151	1.17	cps
Bismuth	209-1	1600918	1614372	1678335	1631209	2.54	cps
Bismuth	209-2	1244931	1257830	1252719	1251826	0.52	cps
Boron	10-1	19097	19723	20449	19756	3.42	cps
Boron	11-1	102230	105268	106711	104736	2.18	cps
Cadmium	111-1	366088	368180	374753	369674	1.22	cps
Cadmium	106-1	39702	40328	41222	40417	1.89	cps
Cadmium	108-1	26284	26948	26911	26714	1.40	cps
Calcium	43-1	1975044	2014912	2026107	2005354	1.34	cps
Calcium	44-1	31527575	31845542	31916370	31763163	0.65	cps
Chromium	52-2	507689	504384	503578	505217	0.43	cps
Cobalt	59-2	880909	882050	873564	878841	0.52	cps
Copper	63-2	1350494	1340602	1335036	1342044	0.58	cps
Dysprosium	156-1	25	67	67	53	45.58	cps
Dysprosium	156-2	7	30	3	13	108.98	cps
Erbium	164-1	33	25	67	42	52.92	cps
Erbium	164-2	10	23	7	13	66.12	cps
Gadolinium	160-1	25	42	75	47	53.91	cps
Gadolinium	160-2	27	33	17	26	32.81	cps
Holmium	165-1	2923387	2960732	3013764	2965961	1.53	cps
Holmium	165-2	1887478	1904923	1907209	1899870	0.57	cps
Indium	115-1	2584337	2570759	2615967	2590354	0.90	cps
Indium	115-2	480810	483325	478847	480994	0.47	cps
Iron	56-2	89823310	90152913	89377719	89784647	0.43	cps
Iron	57-2	2311180	2310147	2282262	2301196	0.71	cps
Krypton	83-1	393	367	517	426	18.80	cps
Lead	206-1	753207	761939	770980	762042	1.17	cps
Lead	207-1	681470	683269	692752	685830	0.88	cps
Lead	208-1	3096200	3084724	3169227	3116717	1.47	cps
Lithium	6-1	141017	144120	145775	143637	1.68	cps
Magnesium	24-2	9124760	9065934	8991840	9060844	0.74	cps

LB Number :	LB102011	Operator :	Jaswal
Lab Sample ID :	CCV074	Instrumnet Name :	P8
Client Sample ID :	CCV074	Dilution Factor :	1
Date & Time Acquired ::	2019-04-10 14:22:49	DataFile Name :	030CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	361317	361718	362762	361932	0.21	cps
Molybdenum	94-1	2765521	2811527	2800856	2792635	0.86	cps
Molybdenum	95-1	3441816	3455328	3475691	3457611	0.49	cps
Molybdenum	96-1	3821112	3836168	3861541	3839607	0.53	cps
Molybdenum	97-1	2158711	2160265	2143887	2154288	0.42	cps
Molybdenum	98-1	5462877	5445409	5523690	5477325	0.75	cps
Neodymium	150-1	107	140	100	116	18.55	cps
Neodymium	150-2	13	17	13	14	13.35	cps
Nickel	60-2	248814	245528	247401	247248	0.67	cps
Phosphorus	31-2	9662	9445	9404	9504	1.46	cps
Potassium	39-2	4288144	4320584	4335548	4314759	0.56	cps
Rhodium	103-1	2409061	2428263	2457920	2431748	1.01	cps
Rhodium	103-2	1647187	1670555	1634392	1650711	1.11	cps
Scandium	45-1	1709699	1705495	1743244	1719479	1.20	cps
Scandium	45-2	59094	58859	58608	58854	0.41	cps
Selenium	77-2	787	830	810	809	2.68	cps
Selenium	78-2	2843	3028	2697	2856	5.82	cps
Selenium	82-1	25331	25841	25815	25662	1.12	cps
Silicon	28-1	7100905	7113661	7159855	7124807	0.44	cps
Silver	109-1	1589304	1599454	1632677	1607145	1.41	cps
Silver	107-1	1650789	1683092	1693393	1675758	1.33	cps
Sodium	23-2	23538205	23384671	23429907	23450928	0.34	cps
Strontium	86-1	437427	449674	452962	446688	1.83	cps
Strontium	88-1	3863979	3869451	3926618	3886683	0.89	cps
Sulfur	34-1	399196	388594	383422	390404	2.06	cps
Terbium	159-1	3065811	3115532	3157635	3112992	1.48	cps
Terbium	159-2	1918912	1905280	1930019	1918070	0.65	cps
Thallium	203-1	939740	973617	982200	965186	2.33	cps
Thallium	205-1	2254419	2343386	2368571	2322125	2.58	cps
Tin	118-1	1039960	1056292	1059330	1051861	0.99	cps
Titanium	47-1	944142	951736	951927	949268	0.47	cps
Uranium	238-1	2958477	2951420	2976135	2962010	0.43	cps
Vanadium	51-2	379275	378455	378791	378840	0.11	cps
Yttrium	89-1	2899328	2893733	2995123	2929395	1.95	cps
Yttrium	89-2	386846	386848	384134	385943	0.41	cps
Zinc	66-2	189175	193280	191874	191443	1.09	cps

LB Number :	LB102011	Operator :	Jaswal
Lab Sample ID :	CCV074	Instrumnet Name :	P8
Client Sample ID :	CCV074	Dilution Factor :	1
Date & Time Acquired ::	2019-04-10 14:22:49	DataFile Name :	030CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	90-1	2361417	2404284	2400795	2388832	1.00	cps
Zirconium	91-1	515221	522844	522633	520233	0.83	cps

LB Number :	LB102011	Operator :	Jaswal
Lab Sample ID :	CCB074	Instrumnet Name :	P8
Client Sample ID :	CCB074	Dilution Factor :	1
Date & Time Acquired ::	2019-04-10 14:34:57	DataFile Name :	031CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	90	103	80	91	12.41	cps
Antimony	121-1	75	67	108	83	26.46	cps
Arsenic	75-2	4	13	6	7	66.14	cps
Barium	135-1	25	33	25	28	17.33	cps
Barium	137-1	8	83	50	47	79.58	cps
Beryllium	9-1	27	13	30	23	37.81	cps
Bismuth	209-1	1693522	1662686	1629727	1661978	1.92	cps
Bismuth	209-2	1224801	1221962	1238028	1228263	0.70	cps
Boron	10-1	158	133	158	150	9.62	cps
Boron	11-1	817	817	783	806	2.39	cps
Cadmium	111-1	1554	1378	1556	1496	6.82	cps
Cadmium	106-1	2209	1967	2209	2128	6.56	cps
Cadmium	108-1	13	4	4	7	69.23	cps
Calcium	43-1	2684	2660	2394	2579	6.25	cps
Calcium	44-1	38529	38529	38128	38396	0.60	cps
Chromium	52-2	487	460	497	481	3.94	cps
Cobalt	59-2	33	20	23	26	27.15	cps
Copper	63-2	530	590	487	536	9.69	cps
Dysprosium	156-1	25	0	8	11	114.58	cps
Dysprosium	156-2	7	0	3	3	100.05	cps
Erbium	164-1	0	8	25	11	114.58	cps
Erbium	164-2	0	0	13	4	173.21	cps
Gadolinium	160-1	50	25	17	31	56.77	cps
Gadolinium	160-2	13	10	13	12	15.73	cps
Holmium	165-1	2883788	2823772	2804378	2837313	1.46	cps
Holmium	165-2	1789243	1818022	1785520	1797595	0.99	cps
Indium	115-1	2606447	2601597	2537593	2581879	1.49	cps
Indium	115-2	482934	491287	480515	484912	1.17	cps
Iron	56-2	1261	1022	1133	1139	10.50	cps
Iron	57-2	33	61	72	56	36.06	cps
Krypton	83-1	420	403	390	404	3.72	cps
Lead	206-1	1161	983	1189	1111	10.04	cps
Lead	207-1	806	1045	939	930	12.88	cps
Lead	208-1	4217	4406	4473	4365	3.04	cps
Lithium	6-1	150142	147901	148231	148758	0.81	cps
Magnesium	24-2	92	50	92	78	30.93	cps

LB Number :	LB102011	Operator :	Jaswal
Lab Sample ID :	CCB074	Instrumnet Name :	P8
Client Sample ID :	CCB074	Dilution Factor :	1
Date & Time Acquired ::	2019-04-10 14:34:57	DataFile Name :	031CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	20	23	10	18	39.03	cps
Molybdenum	94-1	142	83	100	108	27.73	cps
Molybdenum	95-1	67	108	50	75	40.06	cps
Molybdenum	96-1	42	67	50	53	24.12	cps
Molybdenum	97-1	67	50	50	56	17.32	cps
Molybdenum	98-1	117	92	58	89	32.92	cps
Neodymium	150-1	7	0	27	11	124.89	cps
Neodymium	150-2	0	0	0	0	0.00	cps
Nickel	60-2	13	17	20	17	20.01	cps
Phosphorus	31-2	42	17	33	31	41.66	cps
Potassium	39-2	11647	11397	10880	11308	3.46	cps
Rhodium	103-1	2515433	2500334	2524463	2513410	0.49	cps
Rhodium	103-2	1696846	1714569	1691039	1700818	0.72	cps
Scandium	45-1	1728451	1731372	1717673	1725832	0.42	cps
Scandium	45-2	58029	57557	57644	57744	0.43	cps
Selenium	77-2	0	3	3	2	86.60	cps
Selenium	78-2	0	7	6	4	89.21	cps
Selenium	82-1	-51	-5	1	-18	-158.60	cps
Silicon	28-1	6679794	6697965	6684998	6687586	0.14	cps
Silver	109-1	233	250	225	236	5.39	cps
Silver	107-1	150	250	250	217	26.65	cps
Sodium	23-2	13165	13499	13223	13296	1.34	cps
Strontium	86-1	758	658	533	650	17.34	cps
Strontium	88-1	125	125	167	139	17.32	cps
Sulfur	34-1	287323	290595	290749	289555	0.67	cps
Terbium	159-1	3013212	2998292	2978664	2996722	0.58	cps
Terbium	159-2	1838685	1857352	1832620	1842886	0.70	cps
Thallium	203-1	233	117	167	172	33.99	cps
Thallium	205-1	392	317	408	372	13.12	cps
Tin	118-1	117	158	92	122	27.56	cps
Titanium	47-1	4626	4609	4359	4531	3.30	cps
Uranium	238-1	0	50	33	28	91.65	cps
Vanadium	51-2	23	10	23	19	40.75	cps
Yttrium	89-1	2881648	2858153	2856494	2865431	0.49	cps
Yttrium	89-2	379404	380087	376736	378742	0.47	cps
Zinc	66-2	120	107	133	120	11.11	cps

LB Number :	LB102011	Operator :	Jaswal
Lab Sample ID :	CCB074	Instrumnet Name :	P8
Client Sample ID :	CCB074	Dilution Factor :	1
Date & Time Acquired ::	2019-04-10 14:34:57	DataFile Name :	031CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	90-1	267	233	225	242	9.13	cps
Zirconium	91-1	108	58	100	89	30.13	cps