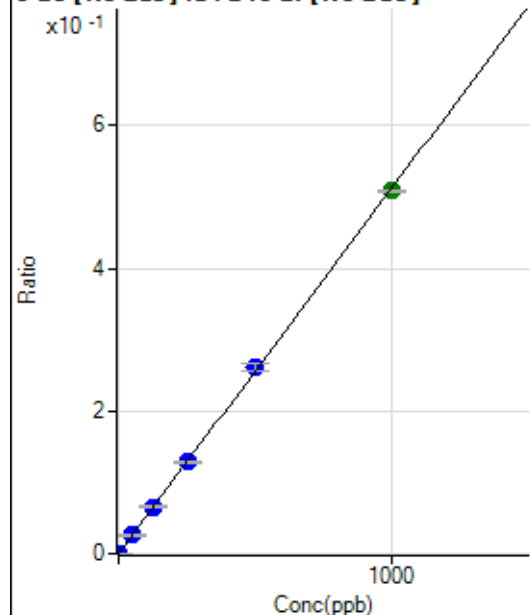


Batch Folder: D:\P8072318MS.b\
Analysis File: P8072318MS.batch.bin
DA Date-Time: 2018-07-23 19:20:21
Calibration Title:
Calibration Method: External Calibration
VIS Interpolation Fit:

Level	Standard Data File	Sample Name	Acq. Date-Time
1	003CALB.d	S00	2018-07-23 13:27:57
2			
3	005CALS.d	S02	2018-07-23 13:35:23
4	006CALS.d	S03	2018-07-23 13:39:05
5	007CALS.d	S04	2018-07-23 13:42:46
6	008CALS.d	S05	2018-07-23 13:46:20
7	009CALS.d	S06	2018-07-23 13:49:50
8	010CALS.d	S07	2018-07-23 13:53:16
9	011CALS.d	S08	2018-07-23 13:56:37

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

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	137.04	0.0001	P	9.0
2	☐	0.100					
3	☐	1.000	0.995	1396.40	0.0006	P	11.3
4	☐	50.000	50.322	67515.49	0.0258	P	1.9
5	☐	125.000	128.843	161353.04	0.0660	P	6.6
6	☐	250.000	250.352	321612.01	0.1281	P	0.5
7	☐	500.000	511.464	639405.31	0.2617	P	4.2
8	☐	1000.000	993.683	1262707.71	0.5084	A	0.6
9	☐			718.56	0.0003	P	15.3

$$y = 5.1155\text{E-}004 * x + 5.3595\text{E-}005$$

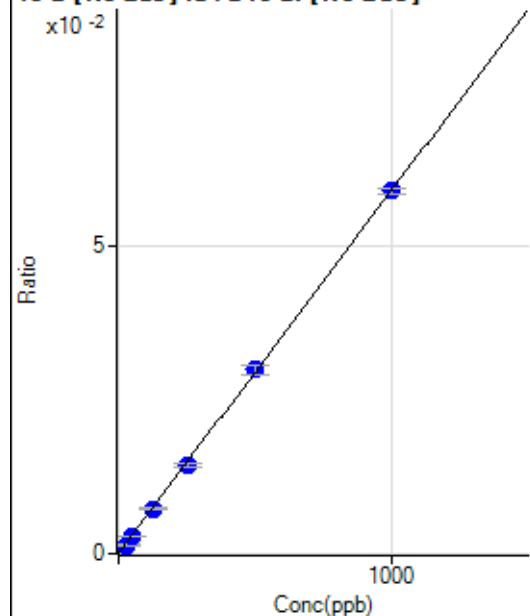
$$R = 0.9999$$

$$DL = 0.0282$$

$$BEC = 0.1048$$

Weight: <None>

Min Conc: 0

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

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	177.79	0.0001	P	10.0
2	☐	2.500					
3	☐	25.000	22.338	3433.89	0.0014	P	6.2
4	☐	50.000	47.216	7446.66	0.0028	P	3.6
5	☐	125.000	122.647	17820.03	0.0073	P	5.6
6	☐	250.000	244.193	36213.46	0.0144	P	3.5
7	☐	500.000	505.933	72809.95	0.0298	P	5.5
8	☐	1000.000	998.985	146033.73	0.0588	P	1.5
9	☐			7266.03	0.0029	P	10.6

$$y = 5.8784\text{E-}005 * x + 6.9523\text{E-}005$$

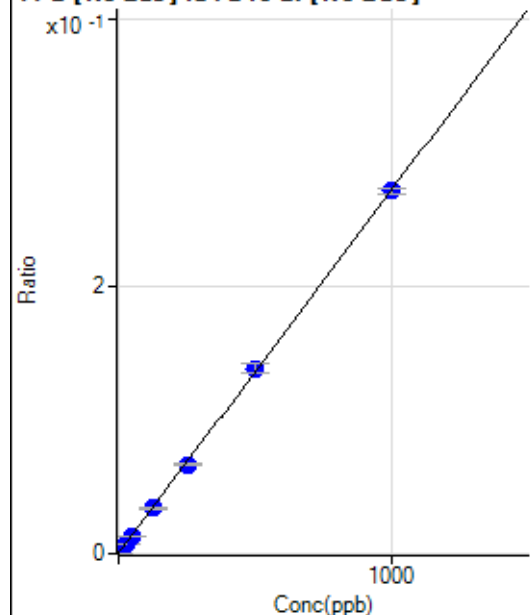
$$R = 1.0000$$

$$DL = 0.3557$$

$$BEC = 1.183$$

Weight: <None>

Min Conc: 0

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

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	1008.42	0.0004	P	9.2
2	☐	2.500					
3	☐	25.000	23.270	16682.48	0.0067	P	4.0
4	☐	50.000	47.576	34854.71	0.0133	P	3.1
5	☐	125.000	124.075	83442.19	0.0341	P	5.3
6	☐	250.000	243.369	166937.36	0.0665	P	2.7
7	☐	500.000	507.933	338001.83	0.1384	P	5.0
8	☐	1000.000	997.971	674259.52	0.2715	P	1.9
9	☐			32585.28	0.0131	P	7.0

$$y = 2.7161\text{E-}004 * x + 3.9424\text{E-}004$$

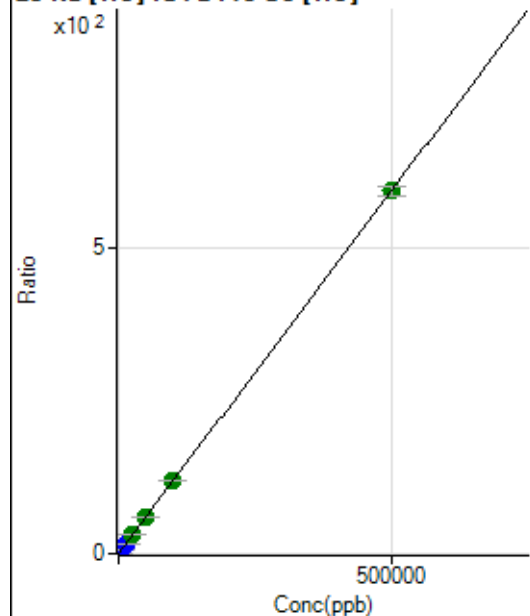
$$R = 0.9999$$

$$DL = 0.4008$$

$$BEC = 1.452$$

Weight: <None>

Min Conc: 0

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

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	3731.22	0.0720	P	4.2
2	☐	50.000					
3	☐	500.000	500.078	34481.66	0.6672	P	1.9
4	☐	5000.000	4975.240	325263.90	5.9936	P	0.4
5	☐	12500.000	12684.312	772595.89	15.1691	P	1.0
6	☐	25000.000	25801.291	1575096.58	30.7812	A	2.3
7	☐	50000.000	49362.824	2985110.68	58.8246	A	0.8
8	☐	100000.00	100272.77	5993943.62	119.4186	A	0.4
9	☐	500000.00	499964.73	31518390.63	595.1400	A	2.7

$$y = 0.0012 * x + 0.0720$$

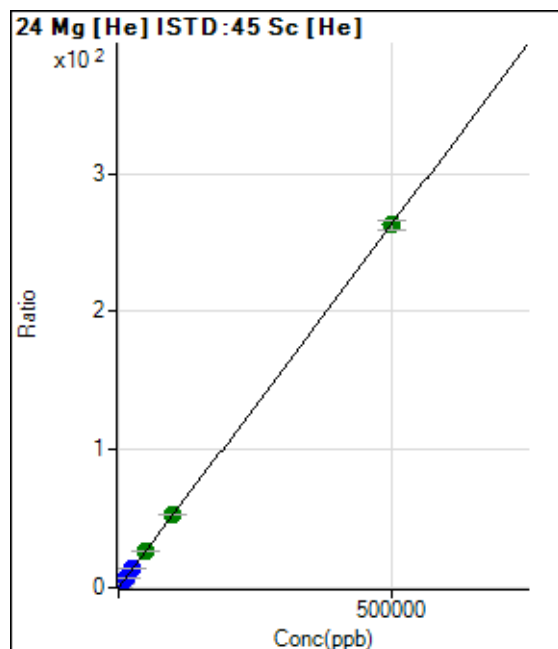
$$R = 1.0000$$

$$DL = 7.568$$

$$BEC = 60.45$$

Weight: <None>

Min Conc: 0



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	330.58	0.0064	P	17.0
2	☐	50.000					
3	☐	500.000	485.687	13532.02	0.2618	P	1.8
4	☐	5000.000	4943.287	141404.76	2.6059	P	2.1
5	☐	12500.000	12700.890	340512.82	6.6854	P	0.9
6	☐	25000.000	25542.706	687700.05	13.4385	P	1.5
7	☐	50000.000	50535.548	1348844.22	26.5815	A	1.4
8	☐	100000.00	100615.49	2656052.32	52.9171	A	0.5
9	☐	500000.00	499791.77	13919485.55	262.8321	A	2.7

$$y = 5.2587\text{E-}004 * x + 0.0064$$

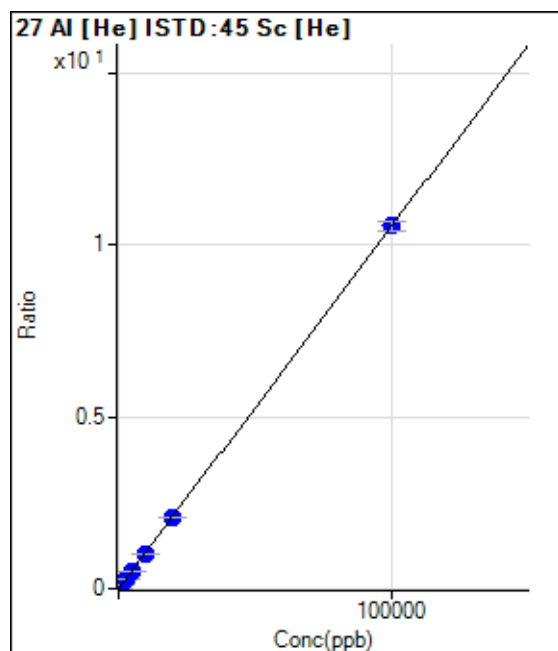
$$R = 1.0000$$

$$DL = 6.197$$

$$BEC = 12.15$$

Weight: <None>

Min Conc: 0



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	11.11	0.0002	P	67.1
2	☐	2.000					
3	☐	20.000	24.141	142.23	0.0028	P	20.9
4	☐	1000.000	968.926	5555.62	0.1024	P	3.1
5	☐	2500.000	2508.440	13483.22	0.2647	P	2.0
6	☐	5000.000	4995.184	26970.24	0.5270	P	0.6
7	☐	10000.000	9622.583	51502.91	1.0150	P	2.0
8	☐	20000.000	19507.551	103268.59	2.0574	P	0.7
9	☐	100000.00	100136.57	559294.50	10.5604	P	2.6

$$y = 1.0546\text{E-}004 * x + 2.1232\text{E-}004$$

$$R = 1.0000$$

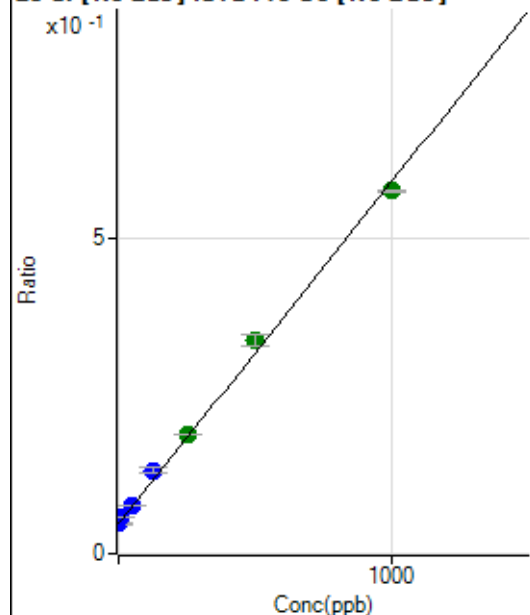
$$DL = 4.054$$

$$BEC = 2.013$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	347061.05	0.0475	P	1.0
2	☐	1.000					
3	☐	10.000	18.350	414219.47	0.0575	P	1.9
4	☐	50.000	53.501	577084.26	0.0765	P	1.2
5	☐	125.000	156.611	920899.71	0.1325	P	8.4
6	☐	250.000	261.400	1374640.82	0.1893	A	1.2
7	☐	500.000	539.083	2369368.95	0.3399	A	5.4
8	☐	1000.000	973.398	4161167.45	0.5755	A	0.7
9	☐			501925.32	0.0692	P	2.0

$$y = 5.4242\text{E-}004 * x + 0.0475$$

$$R = 0.9984$$

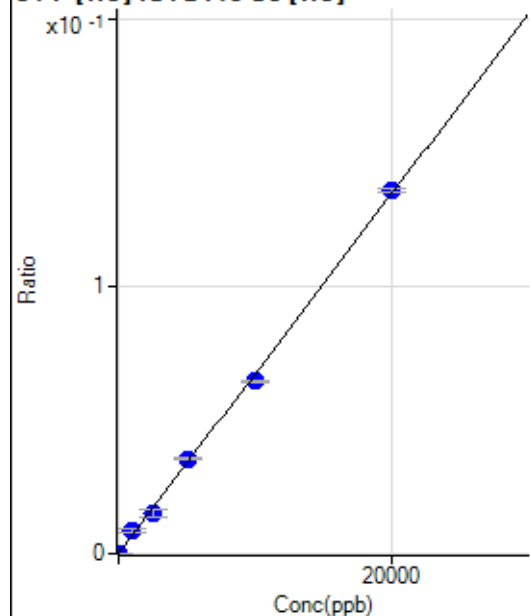
$$DL = 2.64$$

$$BEC = 87.59$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	4.100	5.55	0.0001	P	86.7
2	☐	0.000					
3	☐	0.000	-4.100	2.78	0.0001	P	173.2
4	☐	1000.000	1273.998	469.47	0.0087	P	13.5
5	☐	2500.000	2225.310	766.73	0.0151	P	17.0
6	☐	5000.000	5266.858	1819.65	0.0355	P	3.0
7	☐	10000.000	9565.423	3272.76	0.0645	P	0.8
8	☐	20000.000	20171.211	6821.42	0.1359	P	1.2
9	☐			11.11	0.0002	P	86.6

$$y = 6.7336\text{E-}006 * x + 8.0680\text{E-}005$$

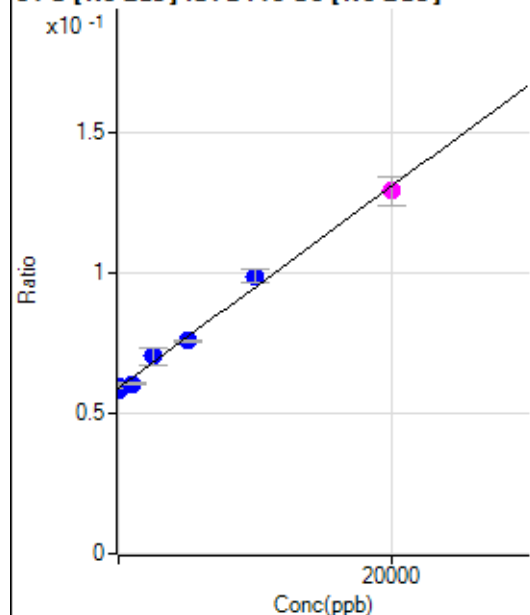
$$R = 0.9993$$

$$DL = 41.38$$

$$BEC = 11.98$$

Weight: <None>

Min Conc: 0

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	-194.769	426054.28	0.0583	P	0.9
2	☐	0.000					
3	☐	0.000	194.769	430480.36	0.0597	P	2.1
4	☐	1000.000	360.508	454839.49	0.0603	P	0.8
5	☐	2500.000	3132.745	488373.15	0.0703	P	9.0
6	☐	5000.000	4634.907	549412.09	0.0757	P	0.9
7	☐	10000.000	11055.798	688081.28	0.0987	P	5.1
8	☐	20000.000	19516.256	933091.19	0.1291	M	7.8
9	☐			405524.55	0.0559	P	2.0

$$y = 3.5893\text{E-}006 * x + 0.0590$$

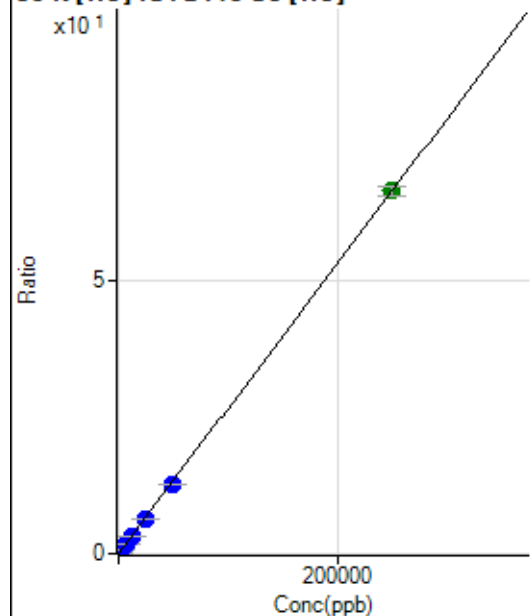
$$R = 0.9963$$

$$DL = 749.9$$

$$BEC = 1.644\text{E}+04$$

Weight: <None>

Min Conc: 0

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	2047.47	0.0395	P	10.0
2	☐	50.000					
3	☐	500.000	510.531	9053.28	0.1752	P	2.6
4	☐	2500.000	2389.729	36607.05	0.6746	P	1.7
5	☐	6250.000	6220.063	86197.30	1.6924	P	1.5
6	☐	12500.000	12232.599	168375.94	3.2902	P	1.1
7	☐	25000.000	23541.506	319459.43	6.2954	P	0.8
8	☐	50000.000	48037.029	642706.43	12.8048	P	0.6
9	☐	250000.00	250553.64	3528491.57	66.6211	A	2.5

$$y = 2.6574\text{E-}004 * x + 0.0395$$

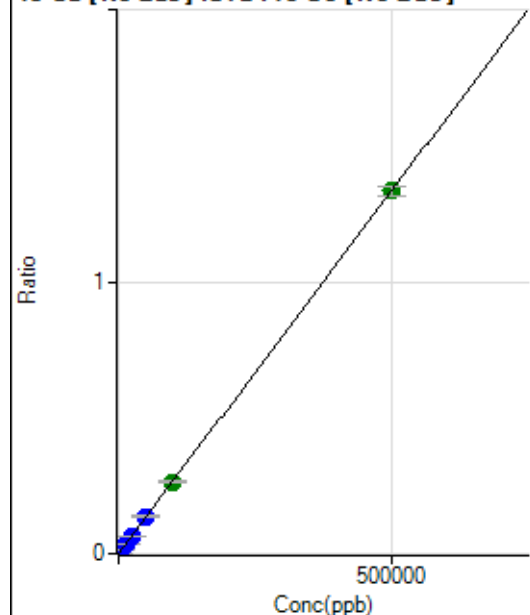
$$R = 1.0000$$

$$DL = 44.76$$

$$BEC = 148.7$$

Weight: <None>

Min Conc: 0

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

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	652.83	0.0001	P	15.6
2	☐	50.000					
3	☐	500.000	483.484	9942.84	0.0014	P	4.4
4	☐	5000.000	4928.453	99859.71	0.0132	P	1.6
5	☐	12500.000	12831.752	238627.22	0.0343	P	9.1
6	☐	25000.000	24601.424	477443.36	0.0657	P	1.3
7	☐	50000.000	51010.503	949405.85	0.1362	P	5.9
8	☐	100000.00	99139.187	1913745.60	0.2647	A	1.3
9	☐	500000.00	500083.47	9674155.34	1.3347	A	2.7

$$y = 2.6689\text{E-}006 * x + 8.9404\text{E-}005$$

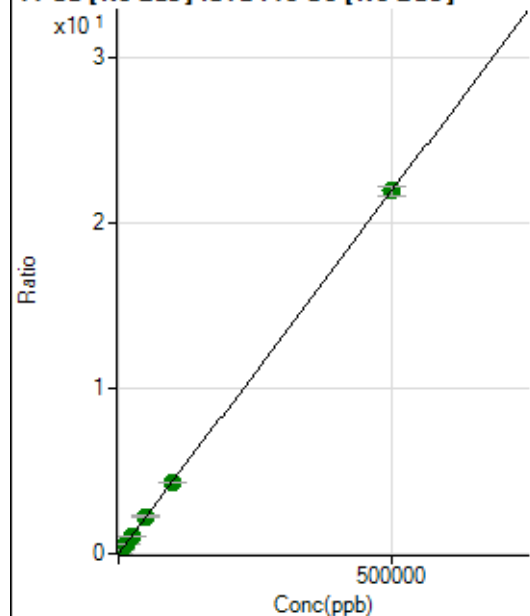
$$R = 1.0000$$

$$DL = 15.66$$

$$BEC = 33.5$$

Weight: <None>

Min Conc: 0

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

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	19614.37	0.0027	P	1.4
2	☐	50.000					
3	☐	500.000	474.061	169173.47	0.0235	P	2.9
4	☐	5000.000	5000.974	1673879.19	0.2220	A	0.7
5	☐	12500.000	12771.826	3911478.99	0.5627	A	8.7
6	☐	25000.000	24445.873	7803540.45	1.0746	A	1.1
7	☐	50000.000	50580.020	15476867.71	2.2205	A	5.6
8	☐	100000.00	97441.103	30913642.36	4.2753	A	0.8
9	☐	500000.00	500474.70	159068750.7	21.9478	A	2.9

$$y = 4.3849\text{E-}005 * x + 0.0027$$

$$R = 1.0000$$

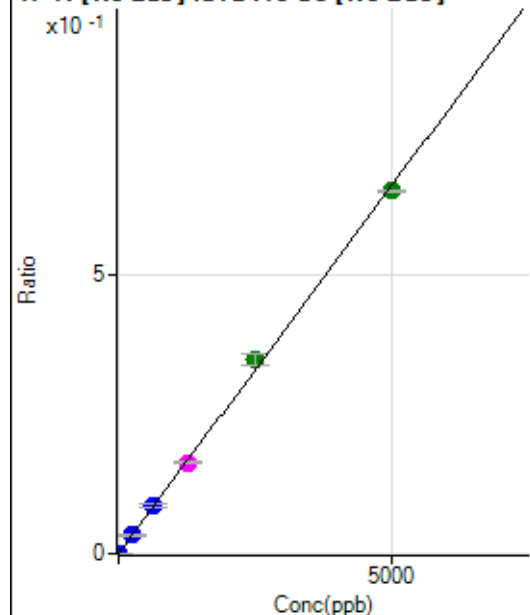
$$DL = 2.572$$

$$BEC = 61.23$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	152.78	0.0000	P	28.6
2	☐	0.500					
3	☐	5.000	5.221	5120.60	0.0007	P	4.3
4	☐	250.000	249.041	248218.63	0.0329	P	1.6
5	☐	625.000	651.764	598711.82	0.0861	P	8.4
6	☐	1250.000	1241.467	1191039.42	0.1640	M	0.7
7	☐	2500.000	2632.880	2423768.83	0.3478	A	6.1
8	☐	5000.000	4932.395	4711350.71	0.6516	A	0.4
9	☐			2561.46	0.0004	P	6.6

$$y = 1.3209\text{E-}004 * x + 2.0942\text{E-}005$$

$$R = 0.9995$$

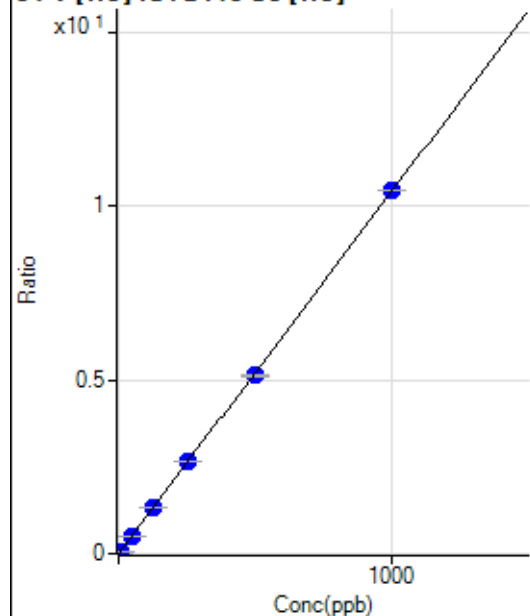
$$DL = 0.1361$$

$$BEC = 0.1585$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	2.22	0.0000	P	86.7
2	☐	0.500					
3	☐	5.000	4.658	2508.05	0.0485	P	6.0
4	☐	50.000	49.431	27933.63	0.5147	P	1.4
5	☐	125.000	127.258	67486.18	1.3251	P	2.0
6	☐	250.000	254.249	135483.02	2.6474	P	1.2
7	☐	500.000	492.665	260321.53	5.1300	P	1.0
8	☐	1000.000	1002.353	523870.72	10.4372	P	0.1
9	☐			211.12	0.0040	P	8.6

$$y = 0.0104 * x + 4.2979\text{E-}005$$

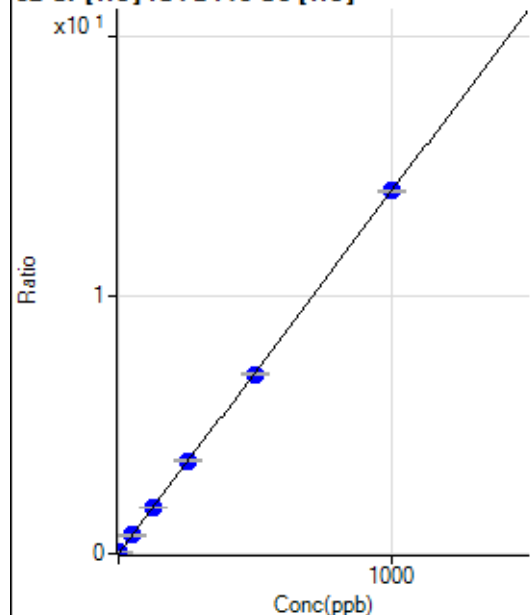
$$R = 0.9999$$

$$DL = 0.01074$$

$$BEC = 0.004128$$

Weight: <None>

Min Conc: 0

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	348.90	0.0067	P	2.7
2	☐	0.200					
3	☐	2.000	2.242	1971.29	0.0381	P	3.3
4	☐	50.000	50.025	38411.62	0.7079	P	1.5
5	☐	125.000	128.287	91917.02	1.8047	P	1.3
6	☐	250.000	256.344	184207.44	3.5995	P	1.1
7	☐	500.000	495.106	352474.97	6.9459	P	0.7
8	☐	1000.000	1000.448	704134.40	14.0286	P	0.2
9	☐			26880.46	0.5075	P	1.6

$$y = 0.0140 * x + 0.0067$$

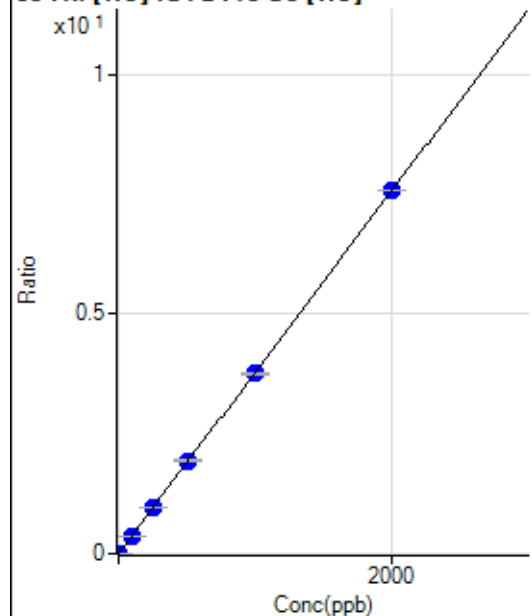
$$R = 1.0000$$

$$DL = 0.03884$$

$$BEC = 0.4799$$

Weight: <None>

Min Conc: 0

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	100.00	0.0019	P	12.0
2	☐	0.100					
3	☐	1.000	1.059	306.68	0.0059	P	12.1
4	☐	100.000	98.922	20401.80	0.3759	P	1.6
5	☐	250.000	256.590	49500.76	0.9720	P	1.9
6	☐	500.000	509.412	98646.05	1.9278	P	2.0
7	☐	1000.000	991.863	190383.26	3.7517	P	0.4
8	☐	2000.000	2000.946	379785.18	7.5665	P	0.1
9	☐			1930.17	0.0365	P	5.9

$$y = 0.0038 * x + 0.0019$$

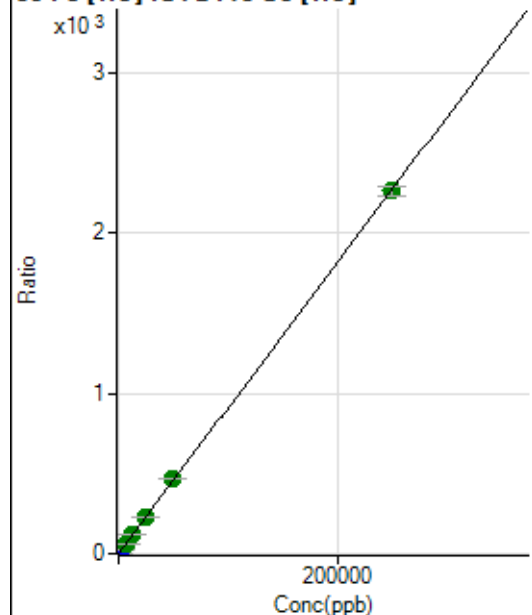
$$R = 1.0000$$

$$DL = 0.1835$$

$$BEC = 0.5087$$

Weight: <None>

Min Conc: 0

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

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	1101.93	0.0212	P	3.6
2	☐	5.000					
3	☐	50.000	52.904	25852.14	0.5003	P	3.6
4	☐	2500.000	2573.856	1265904.37	23.3279	P	1.1
5	☐	6250.000	6673.303	3078693.47	60.4490	A	1.4
6	☐	12500.000	13261.444	6145917.85	120.1057	A	2.1
7	☐	25000.000	25481.690	11709984.52	230.7619	A	0.9
8	☐	50000.000	51505.082	23410373.91	466.4078	A	0.7
9	☐	250000.00	249601.42	119699884.1	2,260.201	A	2.6

$$y = 0.0091 * x + 0.0212$$

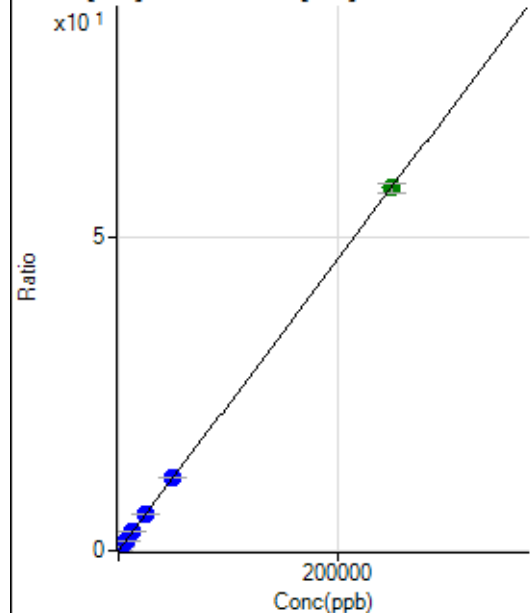
$$R = 1.0000$$

$$DL = 0.2514$$

$$BEC = 2.346$$

Weight: <None>

Min Conc: 0

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

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	24.08	0.0005	P	70.2
2	☐	5.000					
3	☐	50.000	51.057	635.22	0.0123	P	8.6
4	☐	2500.000	2566.984	32297.19	0.5952	P	0.9
5	☐	6250.000	6509.737	76829.45	1.5086	P	1.9
6	☐	12500.000	13101.635	155344.33	3.0357	P	1.8
7	☐	25000.000	25159.821	295811.59	5.8292	P	0.4
8	☐	50000.000	50823.250	591005.85	11.7747	P	0.4
9	☐	250000.00	249782.12	3064756.72	57.8676	A	2.6

$$y = 2.3167E-004 * x + 4.6687E-004$$

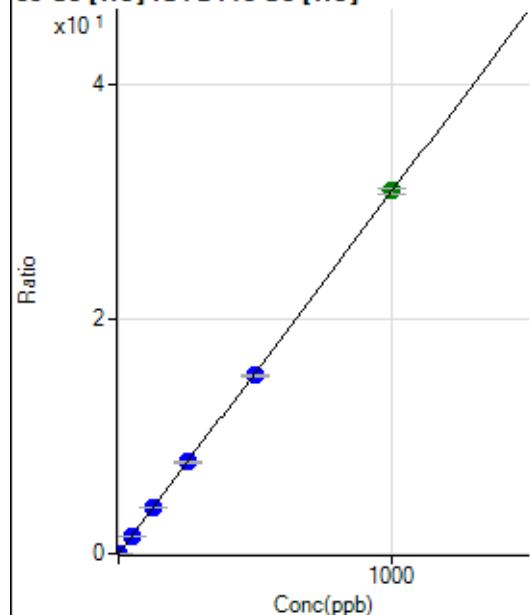
$$R = 1.0000$$

$$DL = 4.246$$

$$BEC = 2.015$$

Weight: <None>

Min Conc: 0

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

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	84.45	0.0016	P	6.8
2	☐	0.100					
3	☐	1.000	1.028	1723.47	0.0334	P	5.9
4	☐	50.000	49.626	83220.13	1.5335	P	0.8
5	☐	125.000	126.474	198920.25	3.9058	P	1.7
6	☐	250.000	254.137	401538.24	7.8466	P	1.4
7	☐	500.000	492.164	771061.84	15.1942	P	0.3
8	☐	1000.000	1002.718	1553695.10	30.9545	A	1.6
9	☐			19484.98	0.3679	P	2.1

$$y = 0.0309 * x + 0.0016$$

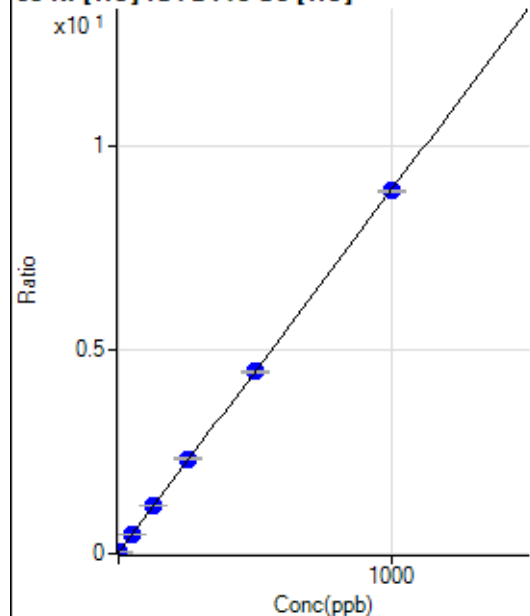
$$R = 0.9999$$

$$DL = 0.01073$$

$$BEC = 0.05278$$

Weight: <None>

Min Conc: 0

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

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	1162.29	0.0224	P	2.4
2	☐	0.100					
3	☐	1.000	0.958	1599.01	0.0309	P	3.4
4	☐	50.000	49.642	25240.83	0.4651	P	1.5
5	☐	125.000	130.415	60379.23	1.1855	P	1.6
6	☐	250.000	259.467	119566.61	2.3365	P	1.5
7	☐	500.000	499.219	227080.24	4.4748	P	0.5
8	☐	1000.000	997.365	447598.52	8.9176	P	0.5
9	☐			15164.01	0.2863	P	0.8

$$y = 0.0089 * x + 0.0224$$

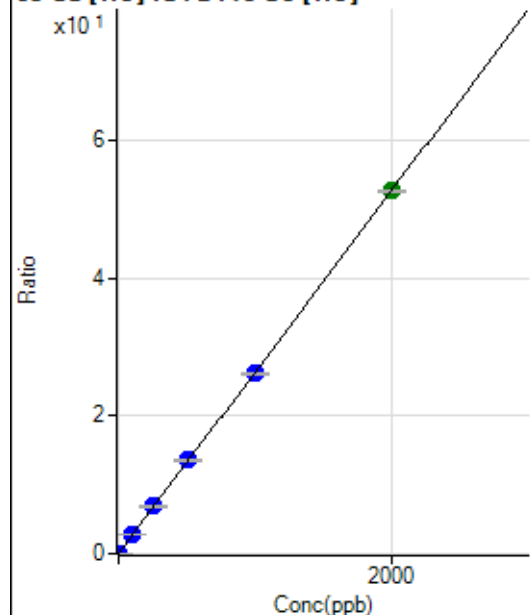
$$R = 0.9999$$

$$DL = 0.1783$$

$$BEC = 2.512$$

Weight: <None>

Min Conc: 0

⁶³Cu [He] ISTD:45 Sc [He]

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	1560.12	0.0301	P	7.0
2	☐	0.200					
3	☐	2.000	2.058	4360.75	0.0844	P	1.9
4	☐	100.000	100.859	146018.28	2.6908	P	1.1
5	☐	250.000	258.629	349013.79	6.8529	P	1.7
6	☐	500.000	515.327	697225.40	13.6247	P	1.4
7	☐	1000.000	991.585	1328959.65	26.1887	P	0.6
8	☐	2000.000	1999.254	2648759.16	52.7717	A	0.9
9	☐			7305.37	0.1379	P	2.8

$$y = 0.0264 * x + 0.0301$$

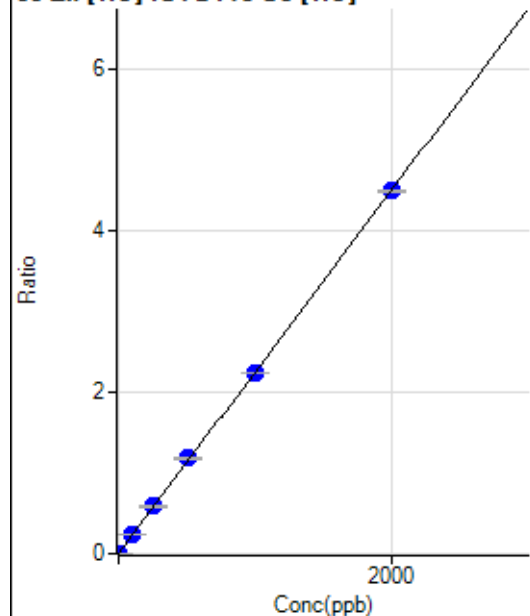
$$R = 0.9999$$

$$DL = 0.2391$$

$$BEC = 1.141$$

Weight: <None>

Min Conc: 0

⁶⁶Zn [He] ISTD:45 Sc [He]

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	125.56	0.0024	P	12.5
2	☐	0.200					
3	☐	2.000	2.108	370.01	0.0072	P	13.2
4	☐	100.000	102.648	12658.19	0.2332	P	0.3
5	☐	250.000	259.623	29852.30	0.5862	P	3.5
6	☐	500.000	526.106	60665.27	1.1855	P	1.6
7	☐	1000.000	990.702	113175.79	2.2302	P	0.3
8	☐	2000.000	1996.787	225498.03	4.4926	P	0.4
9	☐			1905.72	0.0360	P	7.7

$$y = 0.0022 * x + 0.0024$$

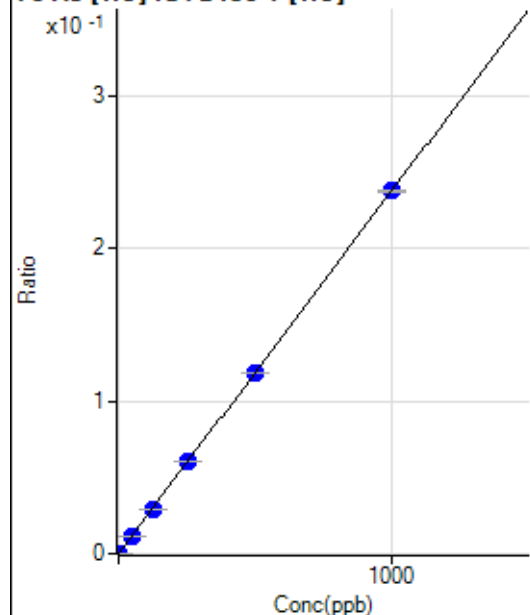
$$R = 0.9999$$

$$DL = 0.4057$$

$$BEC = 1.078$$

Weight: <None>

Min Conc: 0

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

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	8.03	0.0000	P	28.2
2	☐	0.100					
3	☐	1.000	0.997	90.12	0.0003	P	8.3
4	☐	50.000	50.013	4372.34	0.0119	P	0.5
5	☐	125.000	123.571	10282.92	0.0294	P	1.4
6	☐	250.000	253.047	21194.72	0.0602	P	0.3
7	☐	500.000	497.535	40877.57	0.1183	P	0.4
8	☐	1000.000	1000.649	81120.60	0.2380	P	0.4
9	☐			138.89	0.0004	P	26.2

$$y = 2.3779\text{E-}004 * x + 2.3019\text{E-}005$$

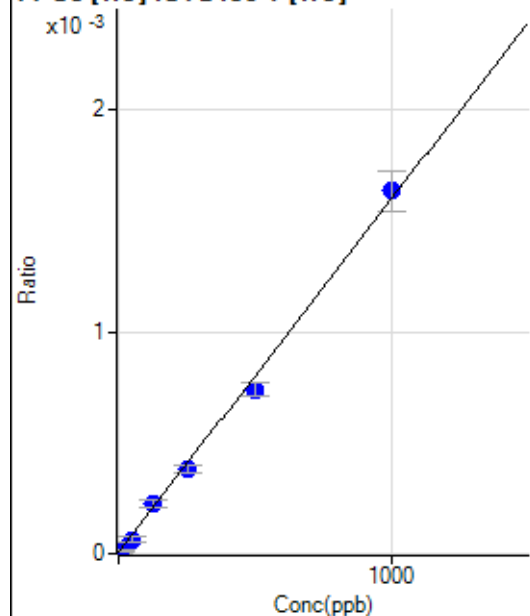
$$R = 1.0000$$

$$DL = 0.08179$$

$$BEC = 0.0968$$

Weight: <None>

Min Conc: 0

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

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	2.22	0.0000	P	173.2
2	☐	0.500					
3	☐	5.000	2.089	3.33	0.0000	P	99.8
4	☐	50.000	36.004	23.33	0.0001	P	37.8
5	☐	125.000	137.539	78.89	0.0002	P	12.8
6	☐	250.000	235.770	134.45	0.0004	P	8.9
7	☐	500.000	460.086	255.56	0.0007	P	8.8
8	☐	1000.000	1022.662	557.80	0.0016	P	11.2
9	☐			1.11	0.0000	P	173.2

$$y = 1.5941\text{E-}006 * x + 6.1920\text{E-}006$$

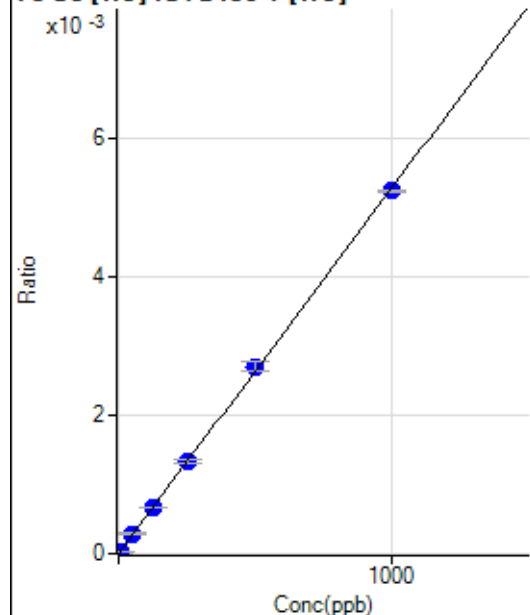
$$R = 0.9986$$

$$DL = 20.18$$

$$BEC = 3.884$$

Weight: <None>

Min Conc: 0

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

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	0.62	0.0000	P	173.2
2	☐	0.500					
3	☐	5.000	3.741	7.41	0.0000	P	44.1
4	☐	50.000	53.903	104.94	0.0003	P	5.6
5	☐	125.000	124.508	230.25	0.0007	P	0.7
6	☐	250.000	250.368	465.44	0.0013	P	3.9
7	☐	500.000	512.754	934.61	0.0027	P	5.4
8	☐	1000.000	993.404	1786.55	0.0052	P	0.6
9	☐			1.85	0.0000	P	99.2

$$y = 5.2739\text{E-}006 * x + 1.7314\text{E-}006$$

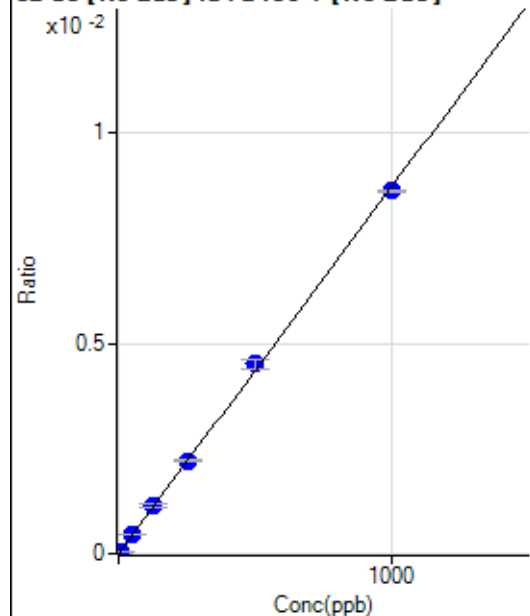
$$R = 0.9999$$

$$DL = 1.706$$

$$BEC = 0.3283$$

Weight: <None>

Min Conc: 0

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

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	-2.18	0.0000	P	-1363.
2	☐	0.500					
3	☐	5.000	5.132	556.81	0.0000	P	10.3
4	☐	50.000	50.856	5860.89	0.0004	P	1.2
5	☐	125.000	132.266	14038.39	0.0012	P	7.3
6	☐	250.000	253.671	28213.67	0.0022	P	1.9
7	☐	500.000	517.196	55953.93	0.0045	P	5.4
8	☐	1000.000	989.533	111334.93	0.0086	P	0.6
9	☐			83.99	0.0000	P	47.3

$$y = 8.7205\text{E-}006 * x - 1.6403\text{E-}007$$

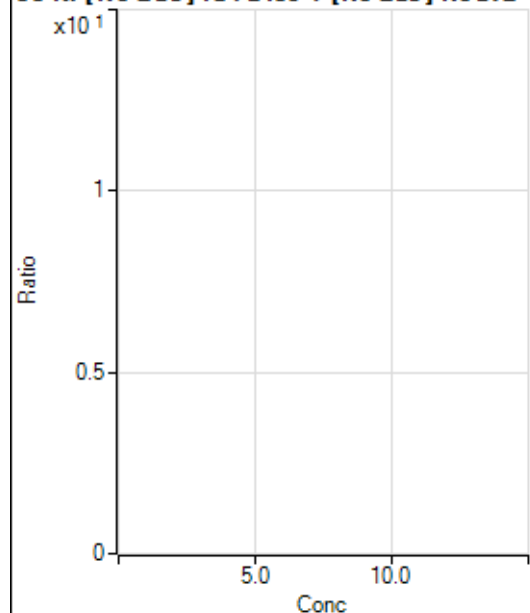
$$R = 0.9998$$

$$DL = 0.7695$$

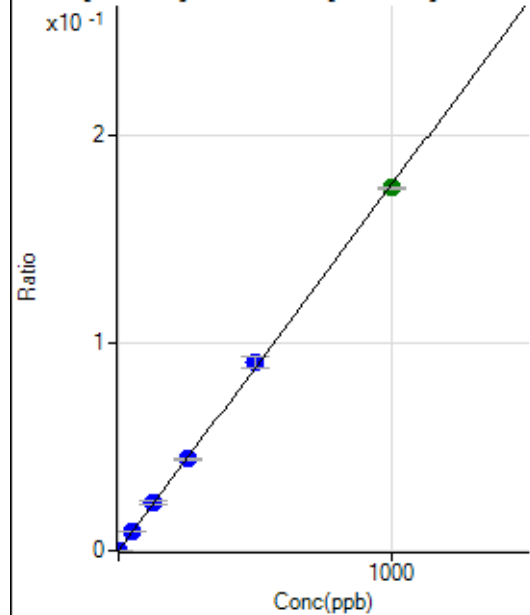
$$BEC = -0.01881$$

Weight: <None>

Min Conc: 0

83 Kr [No Gas] ISTD:89 Y [No Gas] No av.

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐			332.23	0.0000	P	3.7
2	☐						
3	☐			344.46	0.0000	P	14.3
4	☐			361.13	0.0000	P	5.2
5	☐			333.34	0.0000	P	10.4
6	☐			313.35	0.0000	P	12.5
7	☐			360.01	0.0000	P	4.5
8	☐			348.90	0.0000	P	20.1
9	☐			374.46	0.0000	P	8.1

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	513.92	0.0000	P	17.2
2	☐	0.100					
3	☐	1.000	1.075	2864.33	0.0002	P	7.8
4	☐	50.000	50.016	116975.93	0.0088	P	0.2
5	☐	125.000	130.779	280840.53	0.0231	P	7.2
6	☐	250.000	249.679	561353.49	0.0440	P	1.7
7	☐	500.000	515.500	1126638.60	0.0908	P	5.6
8	☐	1000.000	991.607	2253532.17	0.1747	A	0.7
9	☐			11858.47	0.0009	P	4.5

$$y = 1.7610E-004 * x + 4.0090E-005$$

$$R = 0.9998$$

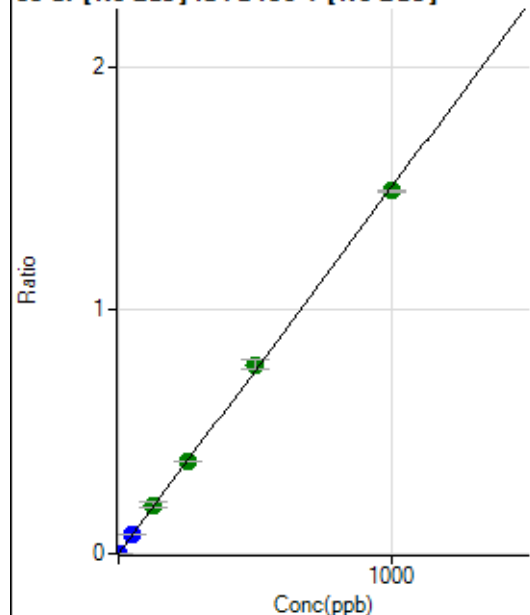
$$DL = 0.1175$$

$$BEC = 0.2277$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	177.79	0.0000	P	21.6
2	☐	0.100					
3	☐	1.000	1.033	19575.93	0.0016	P	6.2
4	☐	50.000	50.460	1004857.83	0.0760	P	0.7
5	☐	125.000	133.345	2443012.18	0.2008	A	8.8
6	☐	250.000	252.372	4848349.20	0.3801	A	1.0
7	☐	500.000	516.335	9646494.31	0.7776	A	5.7
8	☐	1000.000	990.173	19240319.00	1.4912	A	0.2
9	☐			95192.20	0.0076	P	1.2

$$y = 0.0015 * x + 1.3846E-005$$

$$R = 0.9998$$

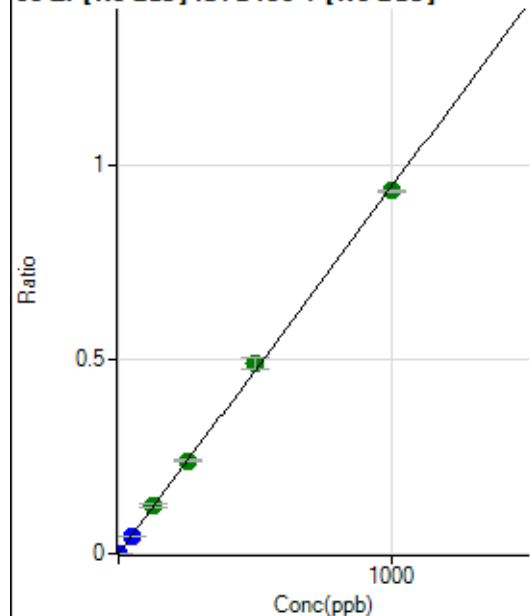
$$DL = 0.005965$$

$$BEC = 0.009194$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	1036.20	0.0001	P	9.2
2	☐	0.100					
3	☐	1.000	0.985	12628.58	0.0010	P	1.4
4	☐	50.000	49.465	618944.66	0.0468	P	0.7
5	☐	125.000	133.032	1530127.54	0.1258	A	8.5
6	☐	250.000	252.845	3047973.70	0.2390	A	1.9
7	☐	500.000	518.630	6079877.48	0.4901	A	5.6
8	☐	1000.000	988.996	12057350.44	0.9345	A	0.4
9	☐			3956.31	0.0003	P	8.4

$$y = 9.4482E-004 * x + 8.0731E-005$$

$$R = 0.9997$$

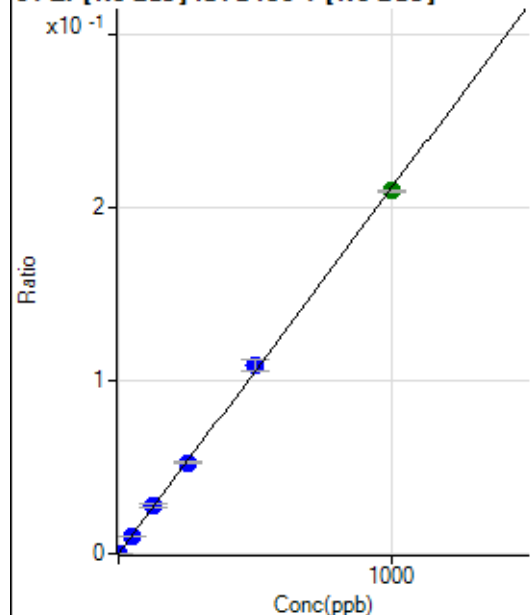
$$DL = 0.02362$$

$$BEC = 0.08545$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	194.46	0.0000	P	18.3
2	☐	0.100					
3	☐	1.000	1.040	2928.23	0.0002	P	2.2
4	☐	50.000	49.160	137350.58	0.0104	P	0.2
5	☐	125.000	129.981	334024.64	0.0274	P	7.6
6	☐	250.000	248.197	668210.66	0.0524	P	1.7
7	☐	500.000	514.846	1347866.49	0.1087	P	5.8
8	☐	1000.000	992.447	2702252.25	0.2094	A	0.5
9	☐			902.85	0.0001	P	7.3

$$y = 2.1102\text{E-}004 * x + 1.5165\text{E-}005$$

$$R = 0.9998$$

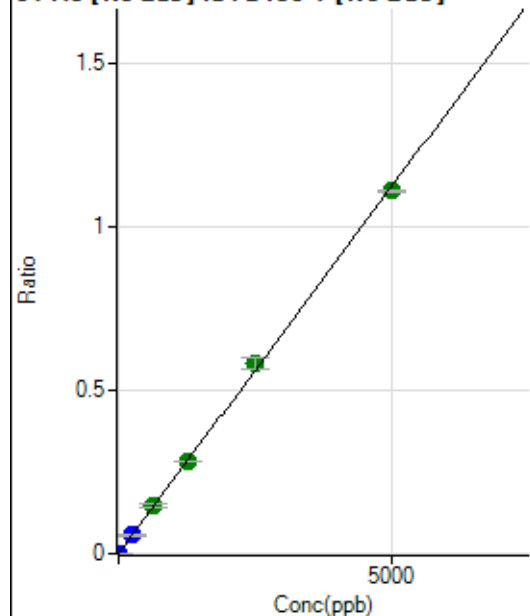
$$DL = 0.0394$$

$$BEC = 0.07187$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	463.92	0.0000	P	7.5
2	☐	0.500					
3	☐	5.000	5.018	14499.96	0.0012	P	3.2
4	☐	250.000	249.016	738991.55	0.0559	P	1.0
5	☐	625.000	663.154	1811085.04	0.1488	A	7.6
6	☐	1250.000	1267.544	3627742.09	0.2844	A	0.3
7	☐	2500.000	2594.862	7221446.43	0.5821	A	5.7
8	☐	5000.000	4943.463	14308379.14	1.1090	A	0.4
9	☐			19267.13	0.0015	P	9.6

$$y = 2.2432\text{E-}004 * x + 3.6146\text{E-}005$$

$$R = 0.9997$$

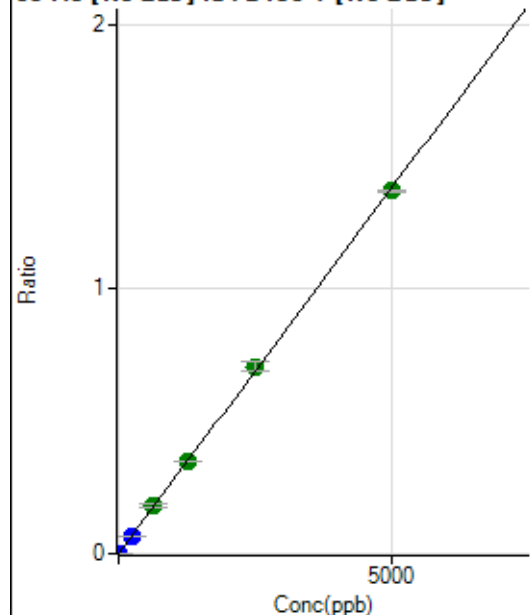
$$DL = 0.03637$$

$$BEC = 0.1611$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	141.67	0.0000	P	11.9
2	☐	0.500					
3	☐	5.000	4.918	17100.40	0.0014	P	2.5
4	☐	250.000	245.207	895965.48	0.0678	P	1.5
5	☐	625.000	652.992	2195838.35	0.1805	A	8.2
6	☐	1250.000	1255.238	4424919.24	0.3469	A	0.8
7	☐	2500.000	2562.806	8786806.45	0.7082	A	5.3
8	☐	5000.000	4964.028	17699173.49	1.3718	A	0.6
9	☐			30964.20	0.0025	P	5.7

$$y = 2.7634\text{E-}004 * x + 1.1044\text{E-}005$$

$$R = 0.9999$$

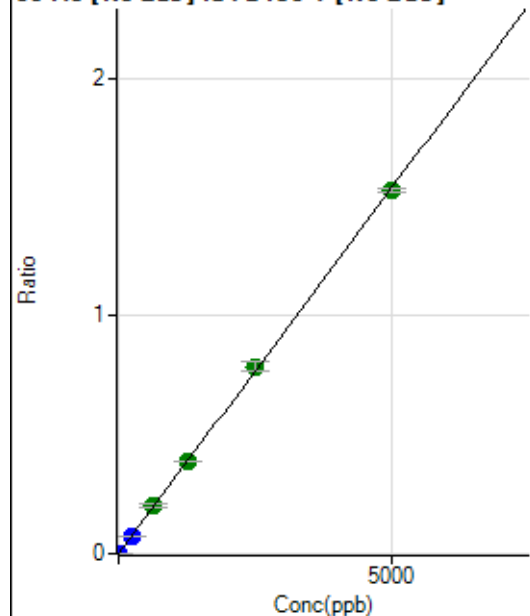
$$DL = 0.01431$$

$$BEC = 0.03996$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	294.46	0.0000	P	24.3
2	☐	0.500					
3	☐	5.000	4.853	18905.55	0.0015	P	2.5
4	☐	250.000	246.947	1003979.16	0.0759	P	0.9
5	☐	625.000	659.665	2468579.89	0.2028	A	7.6
6	☐	1250.000	1261.411	4946566.00	0.3878	A	1.5
7	☐	2500.000	2559.300	9761408.90	0.7868	A	5.5
8	☐	5000.000	4963.317	19687287.07	1.5259	A	1.0
9	☐			35489.18	0.0028	P	4.4

$$y = 3.0742\text{E-}004 * x + 2.2970\text{E-}005$$

$$R = 0.9999$$

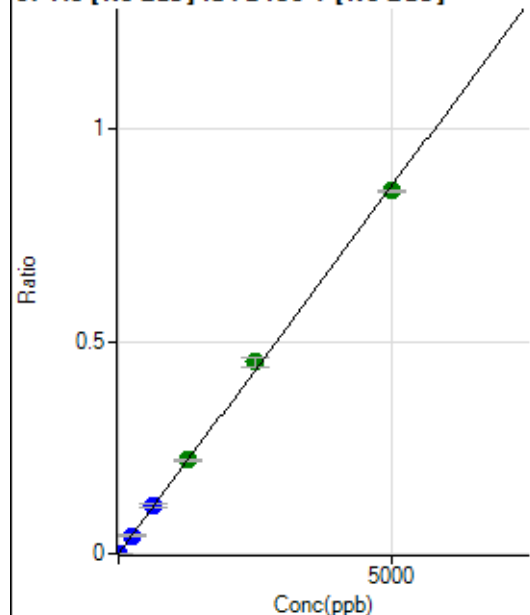
$$DL = 0.0544$$

$$BEC = 0.07472$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	111.12	0.0000	P	41.0
2	☐	0.500					
3	☐	5.000	4.760	10376.64	0.0008	P	5.4
4	☐	250.000	247.346	565530.61	0.0428	P	1.1
5	☐	625.000	648.579	1364574.35	0.1122	P	8.3
6	☐	1250.000	1270.890	2803258.88	0.2198	A	0.7
7	☐	2500.000	2606.963	5591748.95	0.4508	A	5.8
8	☐	5000.000	4938.481	11017598.86	0.8539	A	0.4
9	☐			19453.55	0.0015	P	5.6

$$y = 1.7291\text{E-}004 * x + 8.6529\text{E-}006$$

$$R = 0.9996$$

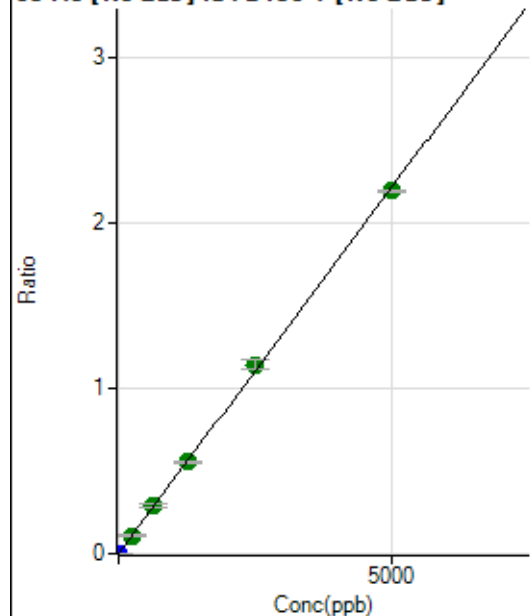
$$DL = 0.06162$$

$$BEC = 0.05004$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	261.13	0.0000	P	6.4
2	☐	0.500					
3	☐	5.000	4.852	27066.94	0.0022	P	3.9
4	☐	250.000	249.028	1457828.43	0.1103	A	1.2
5	☐	625.000	656.074	3534057.07	0.2905	A	8.4
6	☐	1250.000	1250.403	7061201.46	0.5536	A	1.7
7	☐	2500.000	2579.141	14166194.24	1.1419	A	5.4
8	☐	5000.000	4956.493	28312261.05	2.1943	A	0.7
9	☐			50439.34	0.0040	P	3.7

$$y = 4.4272\text{E-}004 * x + 2.0351\text{E-}005$$

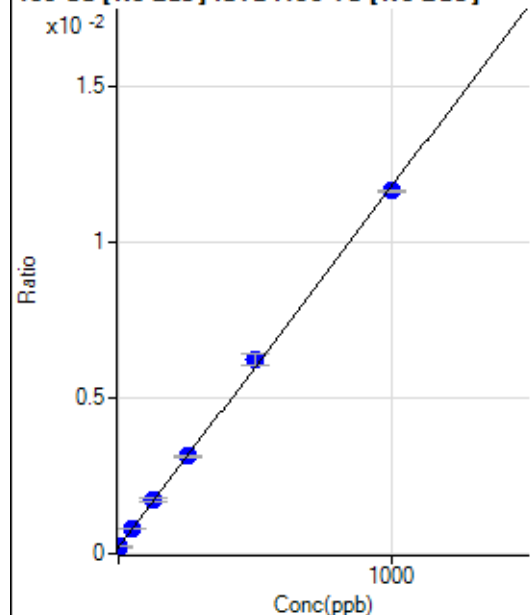
$$R = 0.9998$$

$$DL = 0.008833$$

$$BEC = 0.04597$$

Weight: <None>

Min Conc: 0

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

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	3408.92	0.0002	P	3.1
2	☐	0.100					
3	☐	1.000	1.210	3536.74	0.0002	P	3.4
4	☐	50.000	51.245	13448.90	0.0008	P	3.0
5	☐	125.000	132.297	27314.81	0.0017	P	7.0
6	☐	250.000	251.888	51348.50	0.0031	P	3.1
7	☐	500.000	520.726	101004.54	0.0062	P	6.3
8	☐	1000.000	988.191	195588.51	0.0116	P	0.6
9	☐			3436.71	0.0002	P	5.4

$$y = 1.1553\text{E-}005 * x + 2.0964\text{E-}004$$

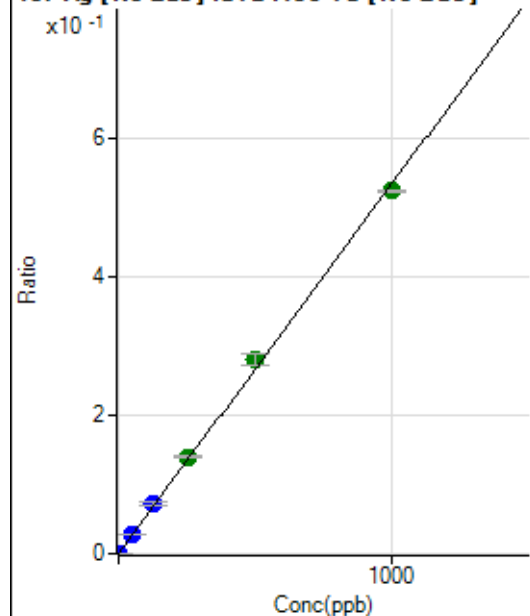
$$R = 0.9997$$

$$DL = 1.664$$

$$BEC = 18.15$$

Weight: <None>

Min Conc: 0

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

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	105.56	0.0000	P	37.4
2	☐	0.100					
3	☐	1.000	1.095	9334.17	0.0006	P	8.5
4	☐	50.000	52.250	467219.52	0.0278	P	0.9
5	☐	125.000	133.618	1118796.68	0.0712	P	7.4
6	☐	250.000	262.887	2306344.45	0.1401	A	0.7
7	☐	500.000	526.770	4554860.39	0.2807	A	5.8
8	☐	1000.000	982.203	8804710.44	0.5234	A	0.7
9	☐			977.86	0.0001	P	5.3

$$y = 5.3286\text{E-}004 * x + 6.4927\text{E-}006$$

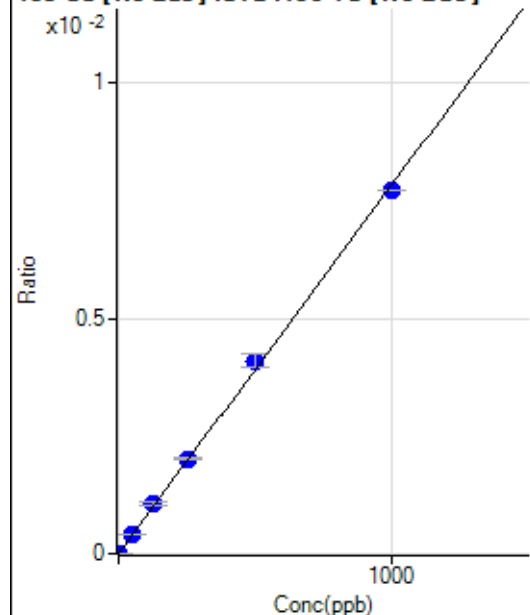
$$R = 0.9993$$

$$DL = 0.01367$$

$$BEC = 0.01218$$

Weight: <None>

Min Conc: 0

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

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	12.50	0.0000	P	33.8
2	☐	0.100					
3	☐	1.000	1.023	138.89	0.0000	P	11.8
4	☐	50.000	52.312	6883.85	0.0004	P	2.8
5	☐	125.000	133.781	16458.97	0.0010	P	8.4
6	☐	250.000	257.874	33244.05	0.0020	P	0.9
7	☐	500.000	524.018	66538.65	0.0041	P	7.2
8	☐	1000.000	984.809	129696.94	0.0077	P	0.1
9	☐			68.06	0.0000	P	16.6

$$y = 7.8276E-006 * x + 7.7004E-007$$

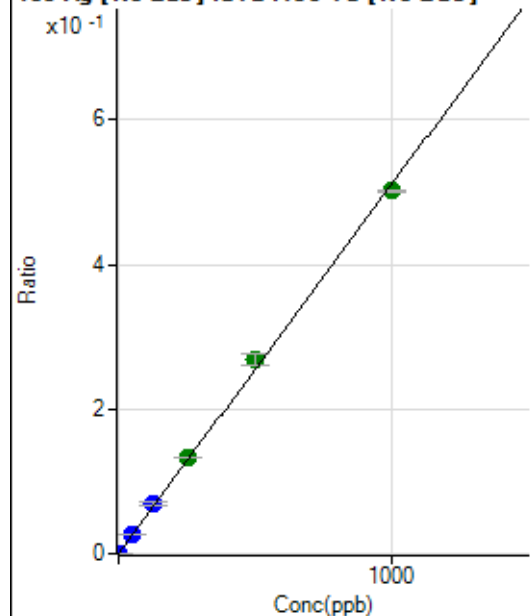
$$R = 0.9995$$

$$DL = 0.09981$$

$$BEC = 0.09837$$

Weight: <None>

Min Conc: 0

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

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	44.45	0.0000	P	39.3
2	☐	0.100					
3	☐	1.000	1.017	8258.50	0.0005	P	3.5
4	☐	50.000	52.193	447165.47	0.0267	P	0.1
5	☐	125.000	133.159	1068299.13	0.0680	P	7.4
6	☐	250.000	261.665	2199534.77	0.1336	A	1.1
7	☐	500.000	525.880	4357233.74	0.2685	A	5.7
8	☐	1000.000	983.014	8443753.83	0.5019	A	0.3
9	☐			952.86	0.0001	P	25.0

$$y = 5.1059E-004 * x + 2.7346E-006$$

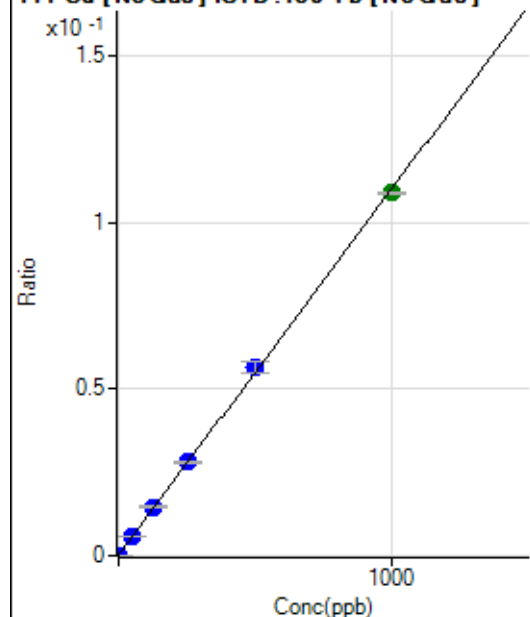
$$R = 0.9994$$

$$DL = 0.006308$$

$$BEC = 0.005356$$

Weight: <None>

Min Conc: 0

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

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	2387.21	0.0001	P	3.2
2	☐	0.100					
3	☐	1.000	1.016	4085.59	0.0003	P	5.0
4	☐	50.000	51.526	97327.36	0.0058	P	1.2
5	☐	125.000	132.258	230428.48	0.0147	P	6.7
6	☐	250.000	253.663	460663.29	0.0280	P	1.7
7	☐	500.000	515.733	920644.25	0.0567	P	6.1
8	☐	1000.000	990.234	1830572.66	0.1088	A	0.3
9	☐			2852.53	0.0002	P	7.5

$$y = 1.0974\text{E-}004 * x + 1.4681\text{E-}004$$

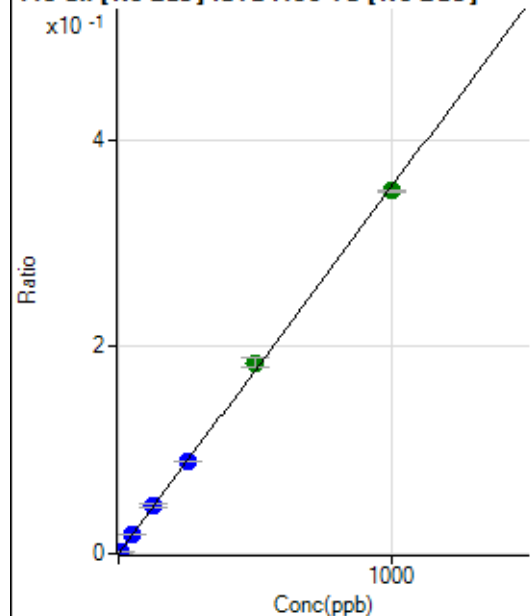
$$R = 0.9998$$

$$DL = 0.1278$$

$$BEC = 1.338$$

Weight: <None>

Min Conc: 0

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

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	1297.35	0.0001	P	7.5
2	☐	0.500					
3	☐	5.000	5.051	29569.98	0.0019	P	1.2
4	☐	50.000	50.103	299199.27	0.0178	P	1.5
5	☐	125.000	130.358	726934.04	0.0463	P	7.6
6	☐	250.000	251.284	1467033.54	0.0891	P	1.7
7	☐	500.000	520.246	2992926.56	0.1844	A	5.5
8	☐	1000.000	988.881	5896002.09	0.3505	A	0.3
9	☐			15106.40	0.0009	P	5.5

$$y = 3.5434\text{E-}004 * x + 7.9815\text{E-}005$$

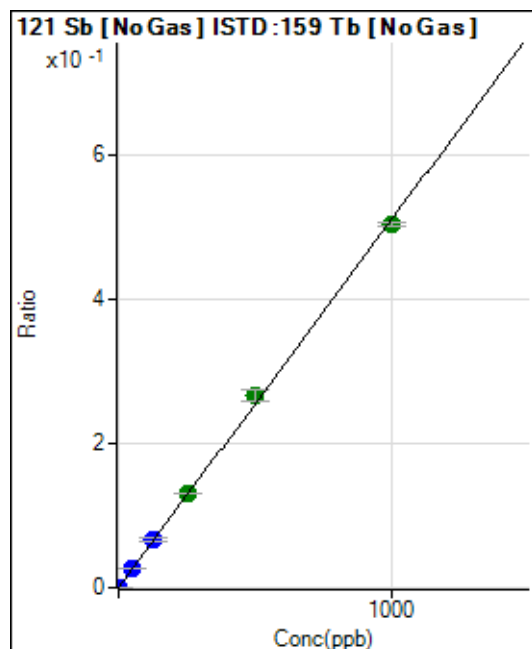
$$R = 0.9997$$

$$DL = 0.05039$$

$$BEC = 0.2253$$

Weight: <None>

Min Conc: 0



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	180.56	0.0000	P	7.8
2	☐	0.200					
3	☐	2.000	2.014	16424.72	0.0010	P	1.0
4	☐	50.000	50.138	429318.35	0.0256	P	1.3
5	☐	125.000	132.669	1063545.57	0.0677	P	7.5
6	☐	250.000	255.796	2148401.72	0.1305	A	1.6
7	☐	500.000	522.595	4325833.56	0.2666	A	6.1
8	☐	1000.000	986.288	8464777.19	0.5032	A	0.9
9	☐			23688.60	0.0015	P	4.7

$$y = 5.1016\text{E-}004 * x + 1.1111\text{E-}005$$

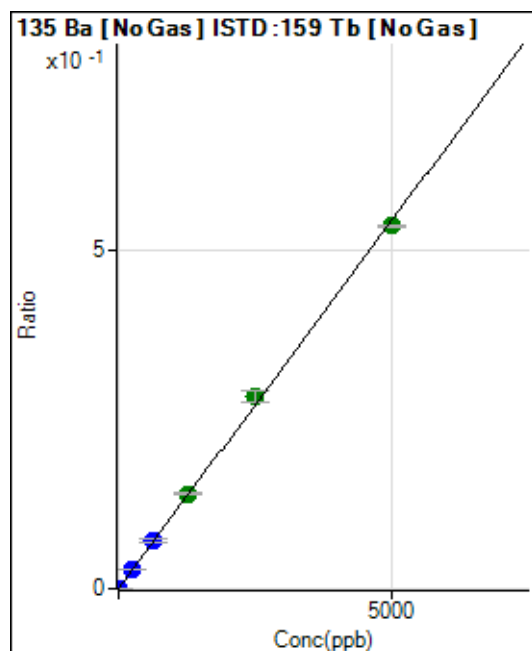
$$R = 0.9996$$

$$DL = 0.005113$$

$$BEC = 0.02178$$

Weight: <None>

Min Conc: 0



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	50.00	0.0000	P	1.0
2	☐	1.000					
3	☐	10.000	9.928	17078.44	0.0011	P	2.7
4	☐	250.000	255.200	464381.60	0.0277	P	0.7
5	☐	625.000	657.658	1120422.86	0.0713	P	7.8
6	☐	1250.000	1283.947	2292218.50	0.1392	A	1.8
7	☐	2500.000	2608.159	4589546.24	0.2829	A	6.0
8	☐	5000.000	4933.091	8999933.79	0.5350	A	0.5
9	☐			1664.08	0.0001	P	14.3

$$y = 1.0845\text{E-}004 * x + 3.0757\text{E-}006$$

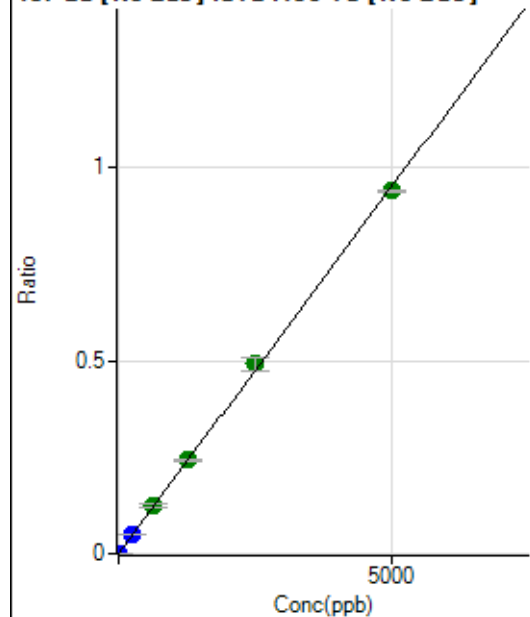
$$R = 0.9996$$

$$DL = 0.0008674$$

$$BEC = 0.02836$$

Weight: <None>

Min Conc: 0

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	69.45	0.0000	P	24.2
2	☐	1.000					
3	☐	10.000	10.082	30349.68	0.0019	P	1.6
4	☐	250.000	255.746	814854.28	0.0486	P	0.5
5	☐	625.000	663.049	1978194.64	0.1259	A	7.5
6	☐	1250.000	1277.900	3994809.38	0.2427	A	1.3
7	☐	2500.000	2585.829	7965987.33	0.4910	A	6.4
8	☐	5000.000	4945.067	15796893.76	0.9390	A	0.6
9	☐			2850.44	0.0002	P	15.0

$$y = 1.8989\text{E-}004 * x + 4.2654\text{E-}006$$

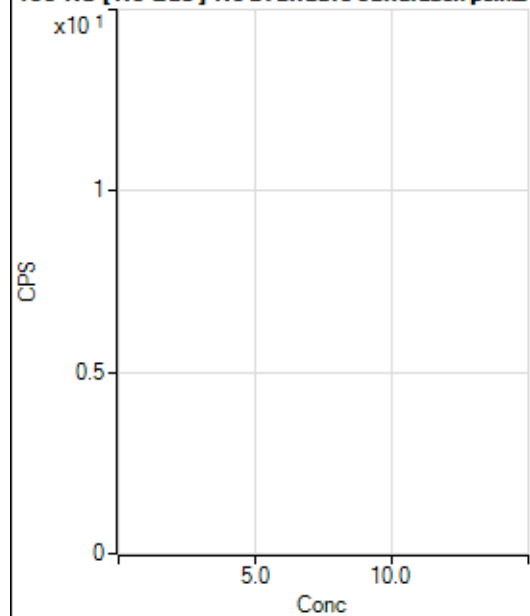
$$R = 0.9997$$

$$DL = 0.01629$$

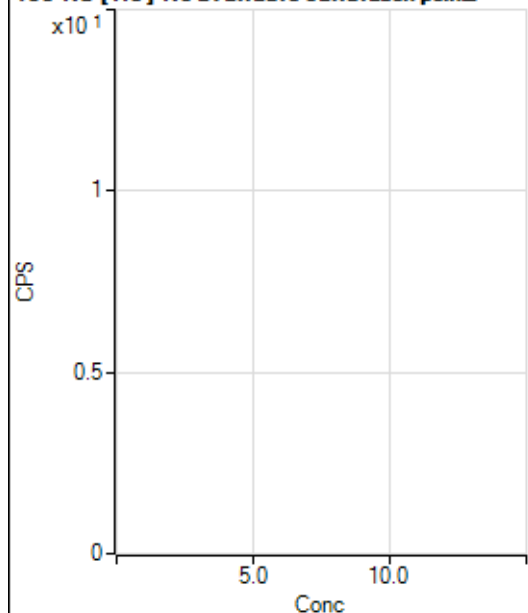
$$BEC = 0.02246$$

Weight: <None>

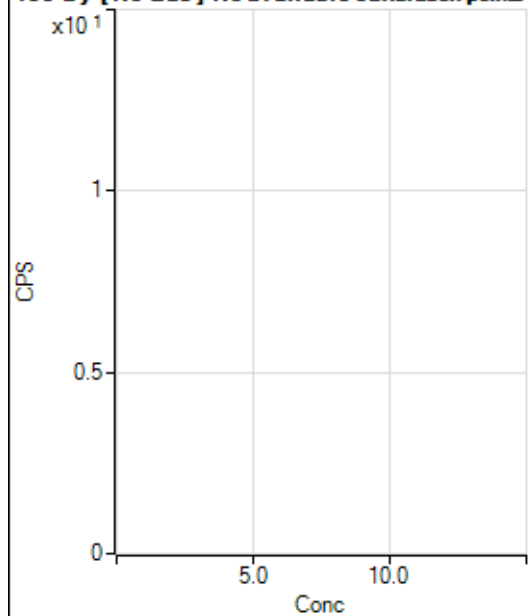
Min Conc: 0

150 Nd [No Gas] No available calibration points

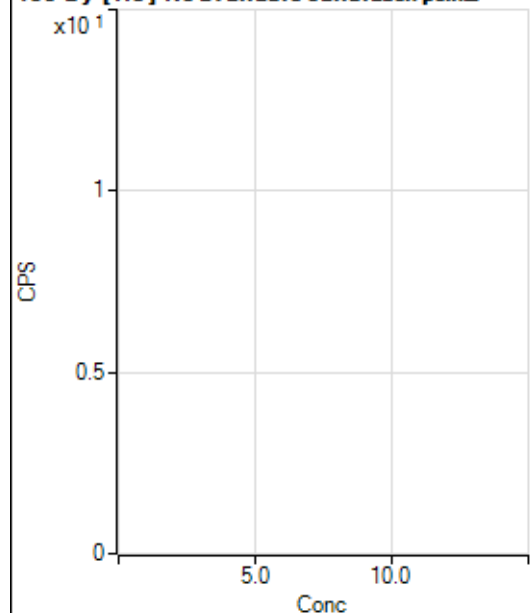
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐			8.89		P	86.6
2	☐						
3	☐			6.67		P	100.0
4	☐			40.00		P	44.1
5	☐			88.89		P	45.8
6	☐			128.90		P	10.8
7	☐			202.23		P	12.5
8	☐			408.91		P	17.1
9	☐			117.78		P	29.0

150 Nd [He] No available calibration points

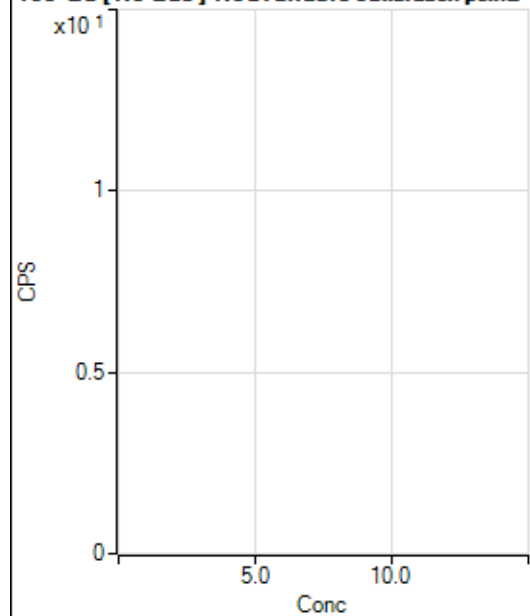
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			0.00		P	
2	☐						
3	☐			0.00		P	
4	☐			2.22		P	86.6
5	☐			2.22		P	86.6
6	☐			6.66		P	86.6
7	☐			3.33		P	100.1
8	☐			13.33		P	25.0
9	☐			22.22		P	60.6

156 Dy [No Gas] No available calibration points

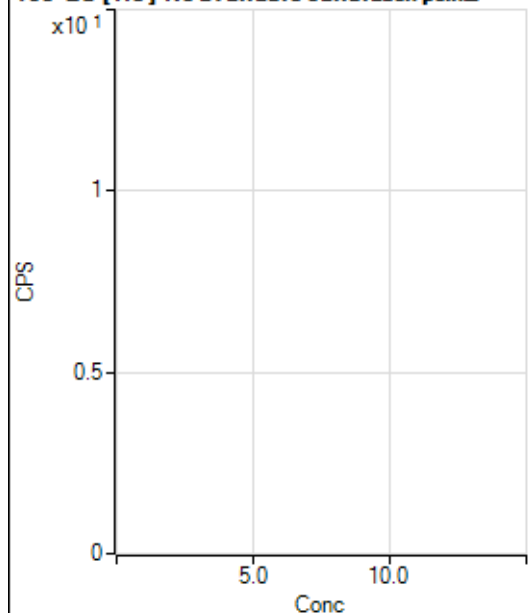
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			19.45		P	24.7
2	☐						
3	☐			16.67		P	50.0
4	☐			27.78		P	34.6
5	☐			36.11		P	35.3
6	☐			72.23		P	46.6
7	☐			75.00		P	29.4
8	☐			136.12		P	18.7
9	☐			97.23		P	26.2

156 Dy [He] No available calibration points

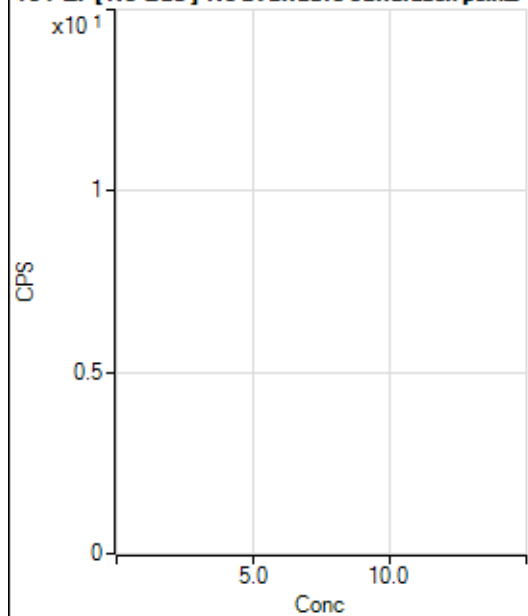
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			2.22		P	173.2
2	☐						
3	☐			2.22		P	86.6
4	☐			3.33		P	100.1
5	☐			2.22		P	86.6
6	☐			6.67		P	0.0
7	☐			1.11		P	173.2
8	☐			11.11		P	45.8
9	☐			16.67		P	40.0

160 Gd [No Gas] Noavailable calibration poin_

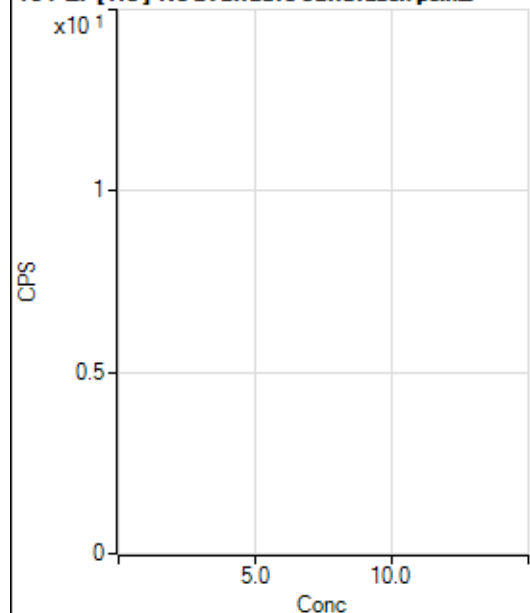
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			169.45		P	29.6
2	☐						
3	☐			152.78		P	33.3
4	☐			200.01		P	14.4
5	☐			147.23		P	18.2
6	☐			169.45		P	11.4
7	☐			113.89		P	22.4
8	☐			127.79		P	3.8
9	☐			169.45		P	5.7

160 Gd [He] No available calibration points

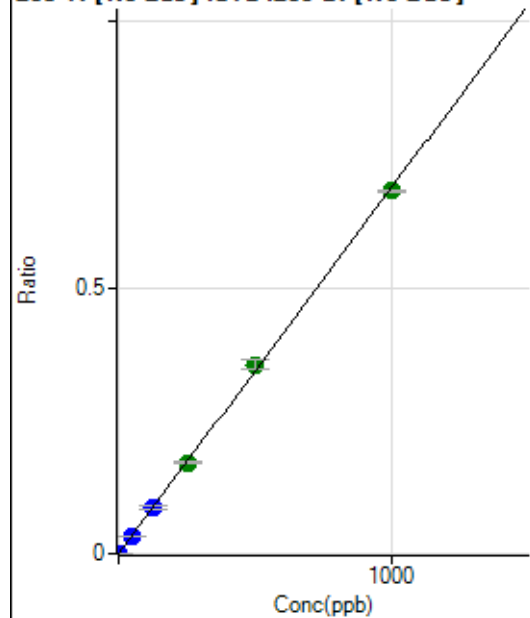
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			16.67		P	NaN
2	☐						
3	☐			25.55		P	52.7
4	☐			10.00		P	66.7
5	☐			20.00		P	16.7
6	☐			27.78		P	34.6
7	☐			17.78		P	57.3
8	☐			22.22		P	22.9
9	☐			28.89		P	29.0

164 Er [No Gas] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			44.45		P	10.8
2	☐						
3	☐			88.90		P	30.1
4	☐			55.56		P	8.7
5	☐			41.67		P	103.9
6	☐			50.00		P	16.7
7	☐			44.45		P	39.0
8	☐			91.67		P	32.8
9	☐			50.00		P	50.0

164 Er [He] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐			10.00		P	66.7
2	☐						
3	☐			11.11		P	34.6
4	☐			6.66		P	86.6
5	☐			8.89		P	21.6
6	☐			4.45		P	86.6
7	☐			8.89		P	43.3
8	☐			10.00		P	88.2
9	☐			10.00		P	33.3

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	213.90	0.0000	P	8.1
2	☐	0.100					
3	☐	1.000	0.992	7066.20	0.0007	P	2.2
4	☐	50.000	49.290	355605.03	0.0339	P	2.4
5	☐	125.000	127.676	865762.16	0.0879	P	8.6
6	☐	250.000	249.462	1777651.64	0.1717	A	0.5
7	☐	500.000	517.151	3607269.70	0.3560	A	5.5
8	☐	1000.000	991.260	7103587.66	0.6823	A	0.7
9	☐			4342.63	0.0005	P	8.0

$$y = 6.8832E-004 * x + 2.0605E-005$$

$$R = 0.9998$$

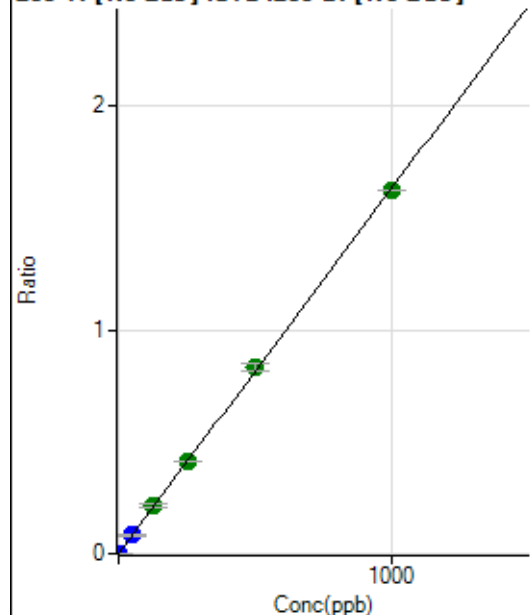
$$DL = 0.007264$$

$$BEC = 0.02994$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	413.91	0.0000	P	14.1
2	☐	0.100					
3	☐	1.000	0.999	16781.33	0.0017	P	2.0
4	☐	50.000	50.163	857570.66	0.0819	P	2.1
5	☐	125.000	130.835	2102890.98	0.2135	A	8.2
6	☐	250.000	250.768	4234633.91	0.4091	A	0.2
7	☐	500.000	511.060	8449178.23	0.8337	A	4.9
8	☐	1000.000	993.541	16872693.78	1.6207	A	0.1
9	☐			10084.99	0.0011	P	5.2

$$y = 0.0016 * x + 3.9896E-005$$

$$R = 0.9999$$

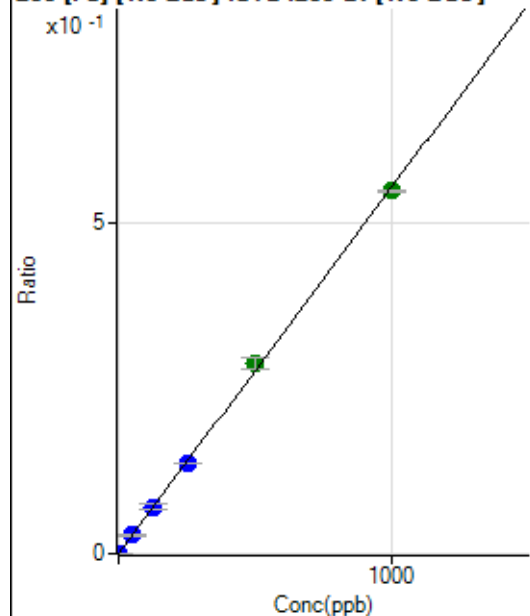
$$DL = 0.01035$$

$$BEC = 0.02446$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	346.31	0.0000	P	8.3
2	☐	0.100					
3	☐	1.000	1.008	5940.47	0.0006	P	0.5
4	☐	50.000	49.969	290010.84	0.0277	P	1.2
5	☐	125.000	128.587	701037.10	0.0712	P	8.8
6	☐	250.000	247.192	1416204.23	0.1368	P	0.7
7	☐	500.000	518.846	2909042.28	0.2871	A	5.9
8	☐	1000.000	990.832	5708271.89	0.5483	A	0.4
9	☐			35229.04	0.0037	P	2.7

$$y = 5.5333E-004 * x + 3.3366E-005$$

$$R = 0.9997$$

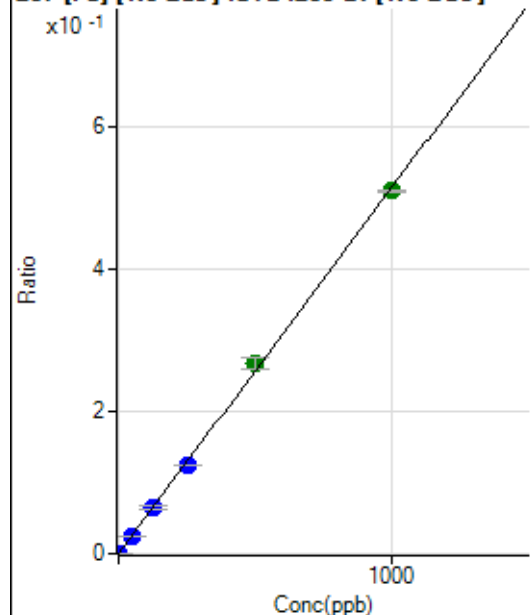
$$DL = 0.01507$$

$$BEC = 0.0603$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	342.61	0.0000	P	8.8
2	☐	0.100					
3	☐	1.000	1.022	5603.26	0.0006	P	2.8
4	☐	50.000	48.478	261099.73	0.0249	P	1.0
5	☐	125.000	126.007	637512.82	0.0647	P	8.7
6	☐	250.000	241.812	1285427.45	0.1242	P	1.2
7	☐	500.000	519.989	2705452.98	0.2670	A	5.7
8	☐	1000.000	992.003	5302850.93	0.5094	A	0.2
9	☐			29820.79	0.0031	P	3.3

$$y = 5.1343\text{E-}004 * x + 3.3001\text{E-}005$$

$$R = 0.9997$$

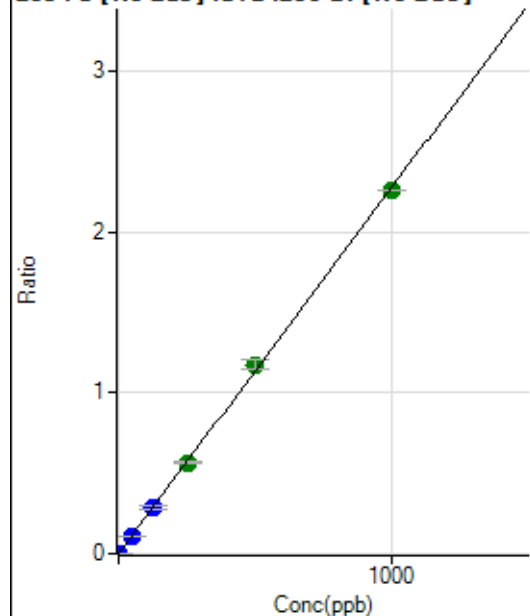
$$DL = 0.01695$$

$$BEC = 0.06428$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	1542.68	0.0001	P	2.8
2	☐	0.100					
3	☐	1.000	0.997	24304.22	0.0024	P	2.3
4	☐	50.000	49.321	1177925.29	0.1124	P	1.2
5	☐	125.000	127.753	2866071.17	0.2910	P	8.7
6	☐	250.000	248.710	5862729.17	0.5664	A	1.3
7	☐	500.000	516.976	11928854.49	1.1772	A	5.4
8	☐	1000.000	991.524	23503746.24	2.2576	A	0.2
9	☐			138143.28	0.0145	P	4.2

$$y = 0.0023 * x + 1.4863\text{E-}004$$

$$R = 0.9998$$

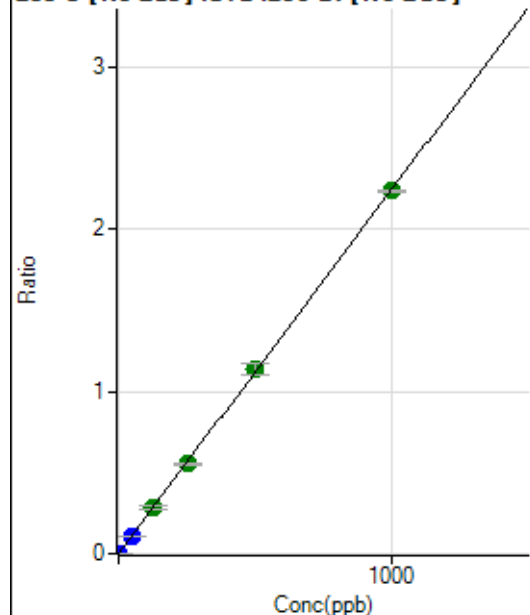
$$DL = 0.005512$$

$$BEC = 0.06528$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	163.90	0.0000	P	14.9
2	☐	0.100					
3	☐	1.000	0.941	21377.68	0.0021	P	1.3
4	☐	50.000	48.150	1132038.03	0.1081	P	1.6
5	☐	125.000	126.958	2806696.72	0.2849	A	8.2
6	☐	250.000	245.954	5712977.08	0.5519	A	0.9
7	☐	500.000	507.748	11543135.33	1.1394	A	6.0
8	☐	1000.000	996.985	23290948.78	2.2372	A	0.4
9	☐			1961.38	0.0002	P	13.3

$$y = 0.0022 * x + 1.5778E-005$$

$$R = 0.9999$$

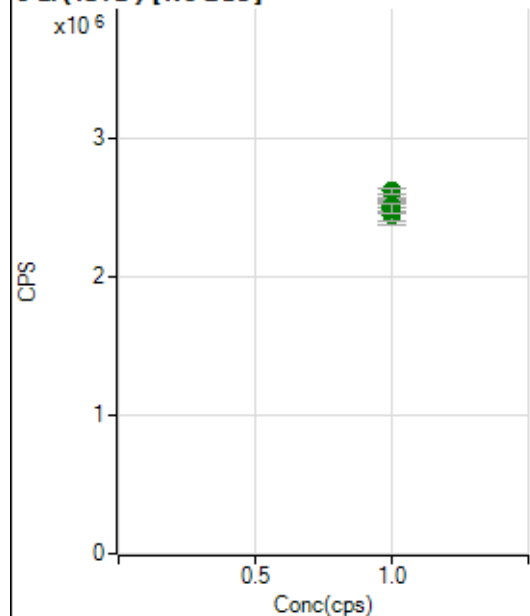
$$DL = 0.003135$$

$$BEC = 0.007031$$

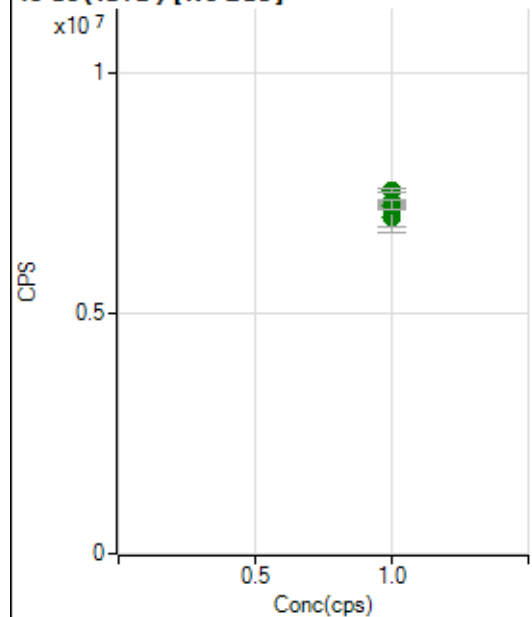
Weight: <None>

Min Conc: 0

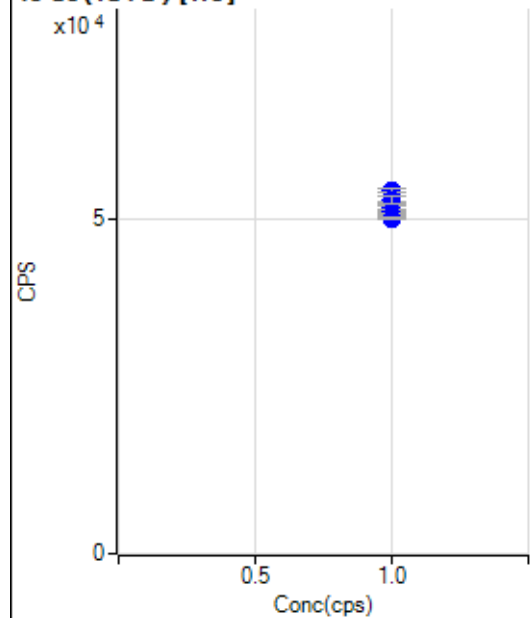
6 Li (ISTD) [No Gas]



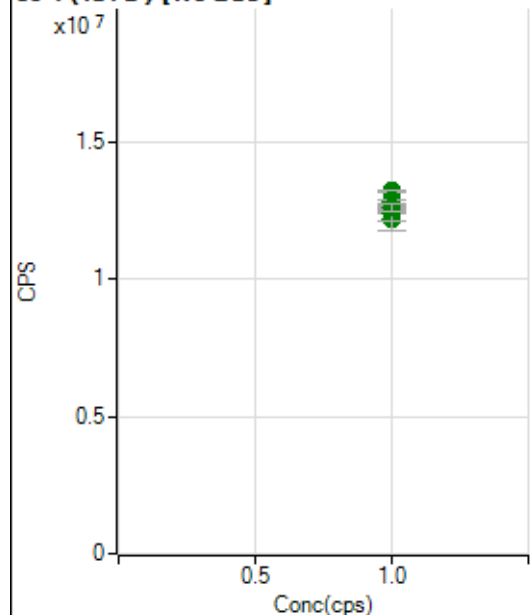
	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	1.000		2557745.49		A	0.5
2	☐	1.000					
3	☐	1.000		2485073.64		A	1.5
4	☐	1.000		2617679.84		A	1.5
5	☐	1.000		2453391.40		A	6.8
6	☐	1.000		2510172.38		A	0.8
7	☐	1.000		2446253.28		A	4.3
8	☐	1.000		2483844.84		A	0.9
9	☐	1.000		2491068.33		A	2.5

45 Sc (ISTD) [No Gas]

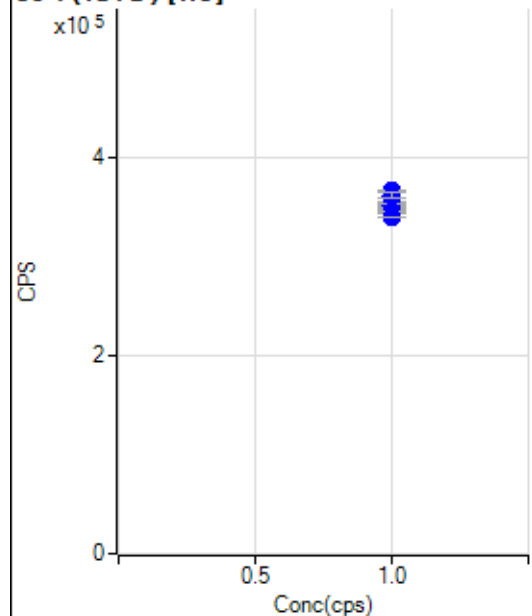
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	1.000		7305431.68		A	1.0
2	☐	1.000					
3	☐	1.000		7210058.23		A	1.9
4	☐	1.000		7541325.95		A	1.0
5	☐	1.000		6985091.04		A	8.4
6	☐	1.000		7262263.88		A	1.1
7	☐	1.000		6984136.70		A	5.5
8	☐	1.000		7230788.01		A	0.7
9	☐	1.000		7251728.46		A	2.9

45 Sc (ISTD) [He]

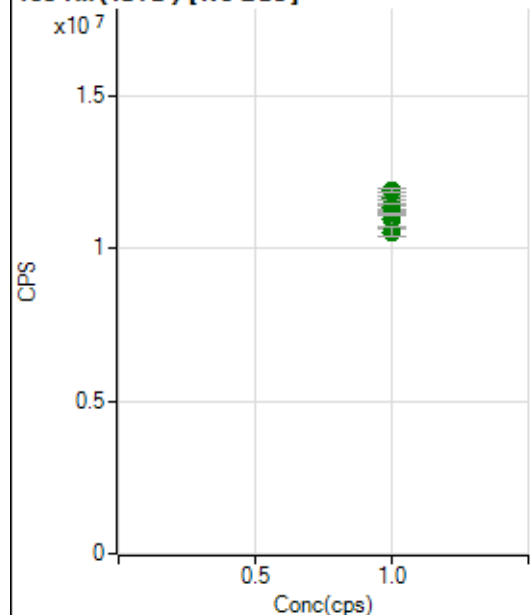
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	1.000		51892.39		P	2.7
2	☐	1.000					
3	☐	1.000		51691.57		P	1.8
4	☐	1.000		54269.84		P	1.1
5	☐	1.000		50936.46		P	1.3
6	☐	1.000		51179.60		P	1.2
7	☐	1.000		50746.98		P	0.7
8	☐	1.000		50192.78		P	0.1
9	☐	1.000		52979.71		P	2.2

89 Y (ISTD) [No Gas]

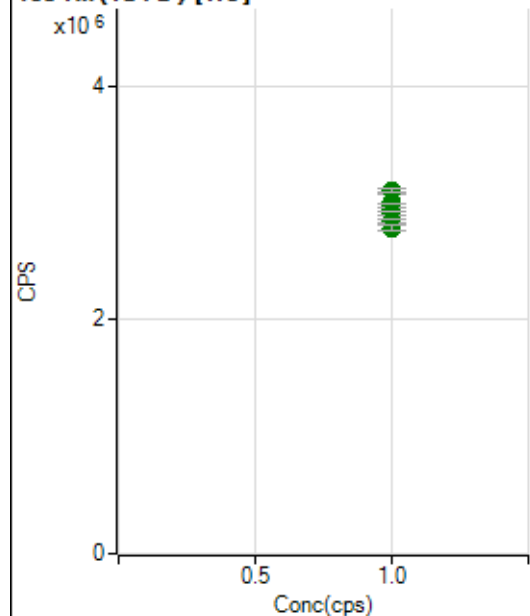
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	1.000		12829931.06		A	0.8
2	☐	1.000					
3	☐	1.000		12481932.18		A	1.1
4	☐	1.000		13221089.94		A	0.7
5	☐	1.000		12216746.21		A	7.4
6	☐	1.000		12757339.25		A	1.8
7	☐	1.000		12429125.51		A	5.1
8	☐	1.000		12902429.25		A	0.1
9	☐	1.000		12593328.42		A	2.4

89 Y (ISTD) [He]

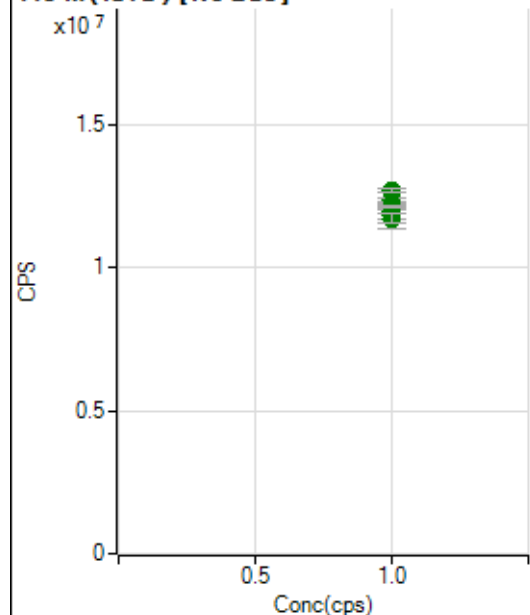
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	1.000		350017.14		P	3.8
2	☐	1.000					
3	☐	1.000		346337.08		P	1.7
4	☐	1.000		366944.34		P	0.4
5	☐	1.000		349707.77		P	1.2
6	☐	1.000		352106.27		P	0.9
7	☐	1.000		345452.10		P	0.5
8	☐	1.000		340890.53		P	0.1
9	☐	1.000		361967.79		P	1.6

103 Rh (ISTD) [No Gas]

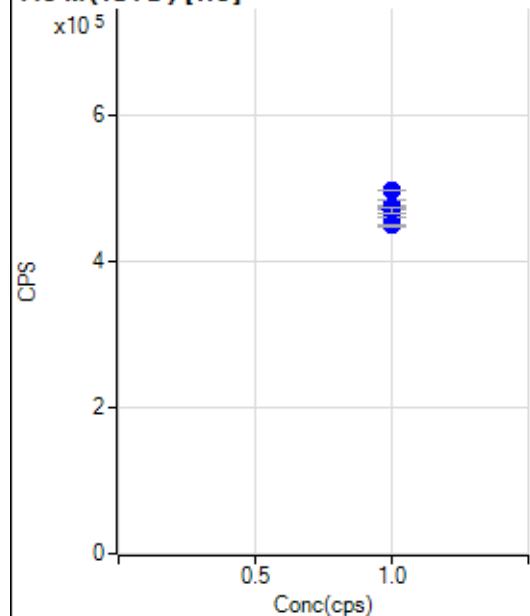
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		11654319.27		A	1.0
2	☐	1.000					
3	☐	1.000		11326847.30		A	1.1
4	☐	1.000		11874899.57		A	0.9
5	☐	1.000		11048494.86		A	7.8
6	☐	1.000		11348971.87		A	1.4
7	☐	1.000		10936951.29		A	5.3
8	☐	1.000		11117407.71		A	0.8
9	☐	1.000		10535219.33		A	2.7

103 Rh (ISTD) [He]

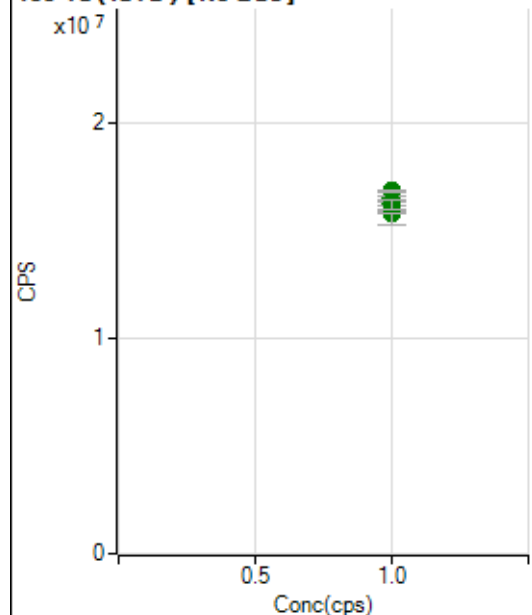
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		3014630.54		A	3.8
2	☐	1.000					
3	☐	1.000		2948728.46		A	1.5
4	☐	1.000		3105603.08		A	1.2
5	☐	1.000		2974777.07		A	1.0
6	☐	1.000		2981463.05		A	1.2
7	☐	1.000		2920541.31		A	1.1
8	☐	1.000		2848400.24		A	1.1
9	☐	1.000		2789782.14		A	1.5

115 In (ISTD) [No Gas]

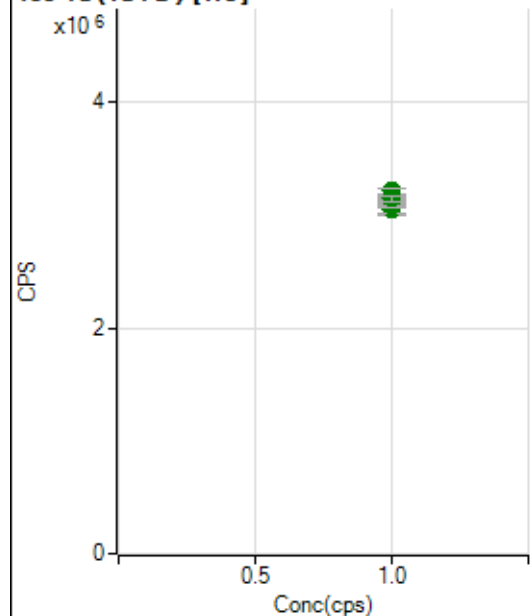
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	1.000		12407210.15		A	1.0
2	☐	1.000					
3	☐	1.000		12088781.52		A	0.9
4	☐	1.000		12691449.40		A	1.0
5	☐	1.000		11808911.56		A	7.1
6	☐	1.000		12244681.09		A	0.8
7	☐	1.000		11979058.93		A	4.8
8	☐	1.000		12155870.88		A	0.3
9	☐	1.000		11733884.26		A	2.7

115 In (ISTD) [He]

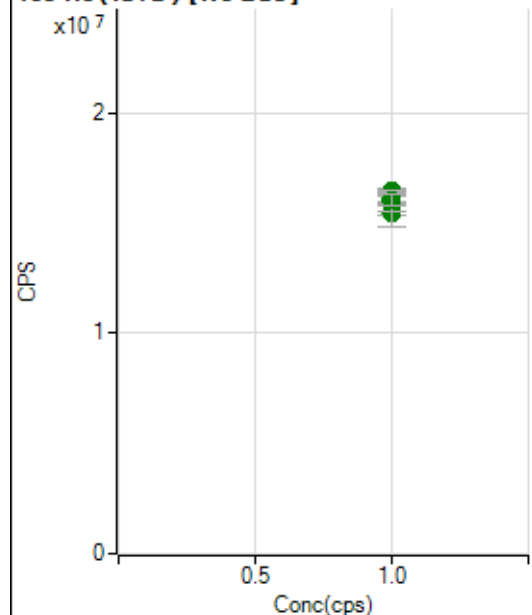
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	1.000		476079.30		P	4.0
2	☐	1.000					
3	☐	1.000		471307.22		P	2.4
4	☐	1.000		497414.06		P	0.2
5	☐	1.000		475547.54		P	1.2
6	☐	1.000		474610.56		P	0.9
7	☐	1.000		461305.19		P	0.5
8	☐	1.000		449680.95		P	0.6
9	☐	1.000		470812.00		P	1.8

159 Tb (ISTD) [No Gas]

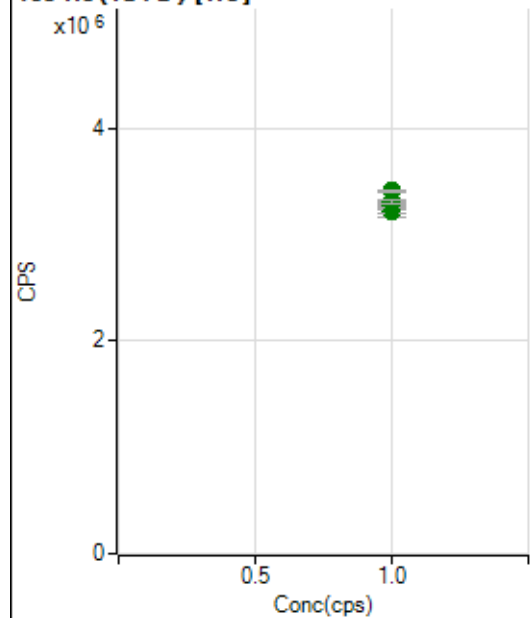
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		16257641.84		A	1.0
2	☐	1.000					
3	☐	1.000		15817274.76		A	0.3
4	☐	1.000		16777947.67		A	0.7
5	☐	1.000		15766316.71		A	7.0
6	☐	1.000		16464376.42		A	1.6
7	☐	1.000		16262672.40		A	5.7
8	☐	1.000		16822968.50		A	0.4
9	☐	1.000		16191683.37		A	2.7

159 Tb (ISTD) [He]

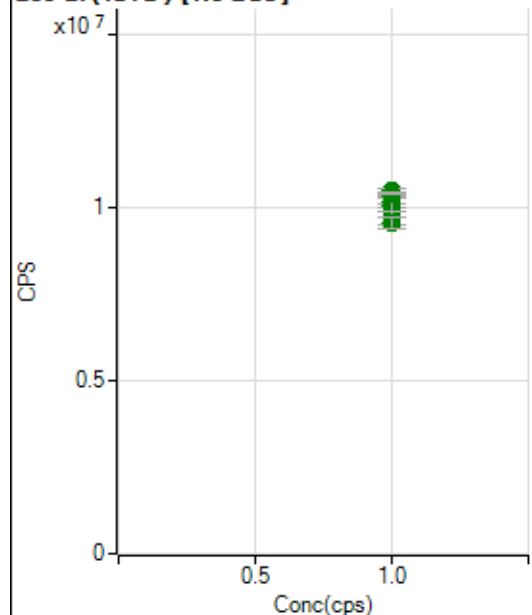
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		3081601.24		A	5.0
2	☐	1.000					
3	☐	1.000		3052526.62		A	2.1
4	☐	1.000		3216212.76		A	1.3
5	☐	1.000		3120654.95		A	1.5
6	☐	1.000		3147389.92		A	1.3
7	☐	1.000		3145259.02		A	0.4
8	☐	1.000		3084607.18		A	0.6
9	☐	1.000		3147335.44		A	2.0

165 Ho (ISTD) [No Gas]

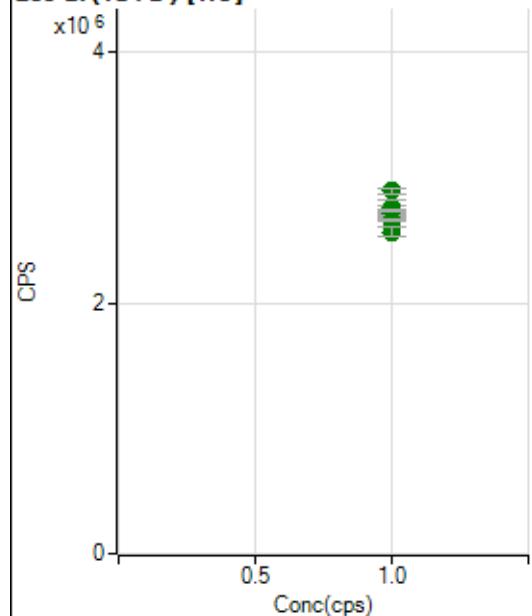
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	1.000		15903494.45		A	0.9
2	☐	1.000					
3	☐	1.000		15430085.76		A	0.9
4	☐	1.000		16431527.97		A	1.2
5	☐	1.000		15413760.76		A	7.4
6	☐	1.000		16093342.90		A	1.1
7	☐	1.000		15921247.06		A	5.3
8	☐	1.000		16452725.37		A	0.7
9	☐	1.000		16037580.91		A	3.2

165 Ho (ISTD) [He]

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	1.000		3237848.84		A	4.3
2	☐	1.000					
3	☐	1.000		3219712.03		A	1.1
4	☐	1.000		3408924.88		A	0.4
5	☐	1.000		3255337.41		A	0.7
6	☐	1.000		3303337.62		A	0.7
7	☐	1.000		3286438.98		A	0.4
8	☐	1.000		3262789.67		A	1.1
9	☐	1.000		3306325.26		A	1.5

209 Bi (ISTD) [No Gas]

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		10381113.46		A	0.8
2	☐	1.000					
3	☐	1.000		10049927.28		A	1.3
4	☐	1.000		10477404.36		A	1.5
5	☐	1.000		9895964.44		A	8.2
6	☐	1.000		10351720.96		A	1.3
7	☐	1.000		10152463.74		A	5.2
8	☐	1.000		10410977.42		A	0.3
9	☐	1.000		9542918.12		A	3.3

209 Bi (ISTD) [He]

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		2766204.14		A	4.2
2	☐	1.000					
3	☐	1.000		2713015.81		A	2.2
4	☐	1.000		2892489.99		A	1.7
5	☐	1.000		2716764.72		A	0.9
6	☐	1.000		2748310.10		A	1.9
7	☐	1.000		2736883.22		A	0.5
8	☐	1.000		2657997.98		A	1.0
9	☐	1.000		2563309.56		A	2.8

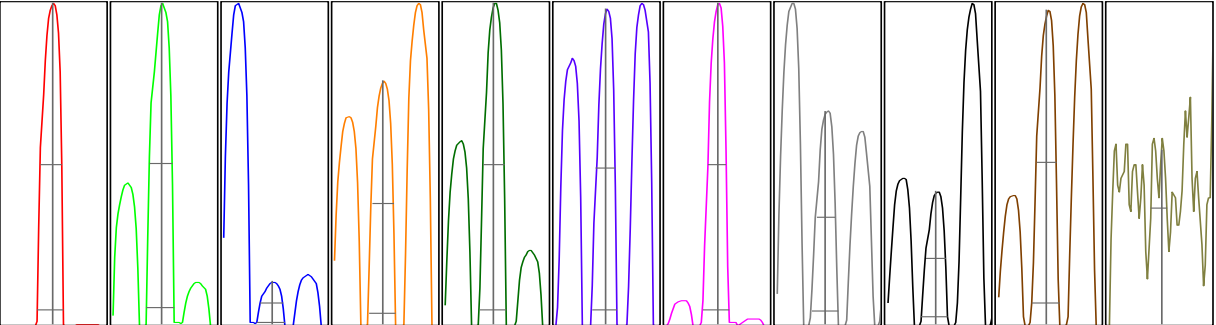
US EPA Tune Check Sample Report

Batch Folder D:\P8072318MS.b
Report Comment
Instrument Name G8403A JP17141814

[No Gas]				
Mass	Count (Mean)	RSD% (Actual)	RSD% (Required)	RSD% (Flag)
9	6942	0.87	5.00	
24	110522	1.18	5.00	
25	14864	1.07	5.00	
26	17166	1.05	5.00	
59	67559	1.03	5.00	
113	9737	1.97	5.00	
115	127949	3.67	5.00	
206	28094	0.36	5.00	
207	25494	1.02	5.00	
208	60965	1.40	5.00	
220	1	23.51		

Mass	Replicate 1 Count	Replicate 2 Count	Replicate 3 Count	Replicate 4 Count	Replicate 5 Count
9	7013	6964	6846	6951	6937
24	111524	111125	108260	111092	110610
25	15023	14857	14611	14968	14861
26	17369	17153	16897	17288	17126
59	67203	68282	66964	68351	66995
113	9808	10004	9659	9734	9481
115	130360	133986	128181	125637	121581
206	28198	28052	28057	27965	28196
207	25676	25214	25590	25224	25766
208	61573	59533	61585	60866	61267
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	11966	9.00	8.9 - 9.1		0.739	0.900	
24	182005	23.95	23.9 - 24.1		0.785	0.900	
25	24664	24.95	24.9 - 25.1		0.787	0.900	
26	28801	25.95	25.9 - 26.1		0.783	0.900	
59	118550	58.95	58.9 - 59.1		0.772	0.900	
113	18476	113.00	112.9 - 113.1		0.725	0.900	
115	240246	115.05	114.9 - 115.1		0.760	0.900	
206	50853	205.95	205.9 - 206.1		0.776	0.900	
207	46295	206.95	206.9 - 207.1		0.745	0.900	
208	111580	207.95	207.9 - 208.1		0.775	0.900	
220	1	220.10	-				

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	9.3	V	Deflect	13.4	V
Extract 2	-220.0	V	Cell Entrance	-30	V	Plate Bias	-35	V
Omega Bias	-95	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	190	V			

[He]

Mass	Count (Mean)	RSD% (Actual)	RSD% (Required)
59	8047	1.94	
89	7869	1.60	
205	12777	2.02	

Mass	Replicate 1 Count	Replicate 2 Count	Replicate 3 Count	Replicate 4 Count	Replicate 5 Count
59	7823	7991	8134	8050	8238
89	7734	7762	7932	7874	8041
205	12406	12643	12908	12857	13073

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	9.3	V	Deflect	2.0	V
Extract 2	-220.0	V	Cell Entrance	-40	V	Plate Bias	-60	V
Omega Bias	-95	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 : LB96823 Operator : Jaswal
 Lab Sample ID : S0 Instrumnet Name : P8
 Client Sample ID : S0 Dilution Factor : 1
 Date & Time Acquired :: 2018-07-23 13:27:57 DataFile Name : 003CALB.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	-0.80	-0.76	1.56	0.00	N/A	ppb
Antimony	121-1	0.00	0.00	0.00	0.00	N/A	ppb
Arsenic	75-2	-0.03	0.02	0.01	0.00	N/A	ppb
Barium	135-1	0.00	0.00	0.00	0.00	N/A	ppb
Barium	137-1	0.00	0.00	-0.01	0.00	N/A	ppb
Beryllium	9-1	0.01	-0.01	0.00	0.00	N/A	ppb
Bismuth	209-1				100		%
Bismuth	209-2				100		%
Boron	10-1	0.10	0.03	-0.13	0.00	N/A	ppb
Boron	11-1	-0.06	-0.09	0.15	0.00	N/A	ppb
Cadmium	111-1	0.00	0.04	-0.04	0.00	N/A	ppb
Cadmium	106-1	0.09	0.51	-0.59	0.00	N/A	ppb
Cadmium	108-1	0.03	-0.03	0.00	0.00	N/A	ppb
Calcium	43-1	6.03	-3.07	-2.96	0.00	N/A	ppb
Calcium	44-1	-0.45	-0.54	0.99	0.00	N/A	ppb
Chromium	52-2	0.00	0.01	-0.01	0.00	N/A	ppb
Cobalt	59-2	0.00	0.00	0.00	0.00	N/A	ppb
Copper	63-2	0.01	0.07	-0.08	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	-0.09	0.07	0.02	0.00	N/A	ppb
Iron	57-2	1.19	0.37	-1.56	0.00	N/A	ppb
Krypton	83-1						cps
Lead	206-1	0.00	-0.01	0.00	0.00	N/A	ppb
Lead	207-1	0.00	0.01	-0.01	0.00	N/A	ppb
Lead	208-1	0.00	0.00	0.00	0.00	N/A	ppb
Lithium	6-1				100		%
Magnesium	24-2	0.58	1.71	-2.29	0.00	N/A	ppb

LB Number :	LB96823	Operator :	Jaswal
Lab Sample ID :	S0	Instrumnet Name :	P8
Client Sample ID :	S0	Dilution Factor :	1
Date & Time Acquired ::	2018-07-23 13:27:57	DataFile Name :	003CALB.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	0.03	-0.07	0.04	0.00	N/A	ppb
Molybdenum	94-1	-0.01	0.01	-0.01	0.00	N/A	ppb
Molybdenum	95-1	0.00	0.00	0.00	0.00	N/A	ppb
Molybdenum	96-1	0.02	-0.01	-0.01	0.00	N/A	ppb
Molybdenum	97-1	0.01	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	0.04	0.03	-0.07	0.00	N/A	ppb
Phosphorus	31-2	11.67	12.61	-11.98	4.10	339.86	ppb
Potassium	39-2	-0.62	15.22	-14.60	0.00	N/A	ppb
Rhodium	103-1				100		%
Rhodium	103-2				100		%
Scandium	45-1				100		%
Scandium	45-2				100		%
Selenium	77-2	-3.88	-3.88	7.77	0.00	N/A	ppb
Selenium	78-2	0.66	-0.33	-0.33	0.00	N/A	ppb
Selenium	82-1	-0.10	-0.19	0.29	0.00	N/A	ppb
Silicon	28-1	1.01	-0.60	-0.41	0.00	N/A	ppb
Silver	109-1	0.00	0.00	0.00	0.00	N/A	ppb
Silver	107-1	0.01	0.00	0.00	0.00	N/A	ppb
Sodium	23-2	-1.80	2.88	-1.08	0.00	N/A	ppb
Strontium	86-1	0.02	-0.04	0.03	0.00	N/A	ppb
Strontium	88-1	0.00	0.00	0.00	0.00	N/A	ppb
Sulfur	34-1	-202.58	-334.05	-47.68	-194.77		ppb
Terbium	159-1				100		%
Terbium	159-2				100		%
Thallium	203-1	0.00	0.00	0.00	0.00	N/A	ppb
Thallium	205-1	0.00	0.00	0.00	0.00	N/A	ppb
Tin	118-1	-0.02	0.00	0.02	0.00	N/A	ppb
Titanium	47-1	0.05	-0.04	-0.01	0.00	N/A	ppb
Uranium	238-1	0.00	0.00	0.00	0.00	N/A	ppb
Vanadium	51-2	0.00	0.00	0.00	0.00	N/A	ppb
Yttrium	89-1				100		%
Yttrium	89-2				100		%
Zinc	66-2	0.08	0.07	-0.16	0.00	N/A	ppb

LB Number :	LB96823	Operator :	Jaswal
Lab Sample ID :	S0	Instrumnet Name :	P8
Client Sample ID :	S0	Dilution Factor :	1
Date & Time Acquired ::	2018-07-23 13:27:57	DataFile Name :	003CALB.d

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

LB Number :	LB96823	Operator :	Jaswal
Lab Sample ID :	S2	Instrumnet Name :	P8
Client Sample ID :	S2	Dilution Factor :	1
Date & Time Acquired ::	2018-07-23 13:35:23	DataFile Name :	005CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	20.94	21.04	30.44	24.14	22.60	ppb
Antimony	121-1	2.00	2.00	2.04	2.01	0.97	ppb
Arsenic	75-2	1.10	0.95	0.93	1.00	9.13	ppb
Barium	135-1	10.13	10.03	9.63	9.93	2.66	ppb
Barium	137-1	10.25	9.94	10.06	10.08	1.56	ppb
Beryllium	9-1	1.01	1.11	0.86	0.99	12.47	ppb
Bismuth	209-1				97		%
Bismuth	209-2				98		%
Boron	10-1	22.60	23.64	20.77	22.34	6.49	ppb
Boron	11-1	22.43	24.37	23.01	23.27	4.27	ppb
Cadmium	111-1	1.02	1.13	0.90	1.02	11.69	ppb
Cadmium	106-1	1.38	1.76	0.49	1.21	53.62	ppb
Cadmium	108-1	1.05	0.88	1.14	1.02	12.95	ppb
Calcium	43-1	485.22	505.15	460.08	483.48	4.67	ppb
Calcium	44-1	469.69	491.54	460.95	474.06	3.32	ppb
Chromium	52-2	2.14	2.30	2.28	2.24	4.01	ppb
Cobalt	59-2	0.95	1.07	1.06	1.03	6.20	ppb
Copper	63-2	2.01	2.03	2.13	2.06	2.98	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				97		%
Holmium	165-2				99		%
Indium	115-1				97		%
Indium	115-2				99		%
Iron	56-2	50.72	53.42	54.57	52.90	3.74	ppb
Iron	57-2	52.99	45.85	54.33	51.06	8.93	ppb
Krypton	83-1						cps
Lead	206-1	1.00	1.01	1.01	1.01	0.52	ppb
Lead	207-1	1.02	1.05	0.99	1.02	3.00	ppb
Lead	208-1	1.02	1.01	0.97	1.00	2.50	ppb
Lithium	6-1				97		%
Magnesium	24-2	476.34	493.88	486.84	485.69	1.82	ppb

LB Number :	LB96823	Operator :	Jaswal
Lab Sample ID :	S2	Instrumnet Name :	P8
Client Sample ID :	S2	Dilution Factor :	1
Date & Time Acquired ::	2018-07-23 13:35:23	DataFile Name :	005CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	1.28	0.95	0.95	1.06	17.85	ppb
Molybdenum	94-1	4.85	5.18	5.02	5.02	3.32	ppb
Molybdenum	95-1	4.87	5.06	4.83	4.92	2.53	ppb
Molybdenum	96-1	4.81	4.99	4.76	4.85	2.50	ppb
Molybdenum	97-1	4.76	5.02	4.50	4.76	5.47	ppb
Molybdenum	98-1	4.66	5.04	4.86	4.85	3.94	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.92	0.87	1.09	0.96	12.20	ppb
Phosphorus	31-2	11.66	-11.98	-11.98	-4.10		ppb
Potassium	39-2	497.01	504.48	530.10	510.53	3.40	ppb
Rhodium	103-1				97		%
Rhodium	103-2				98		%
Scandium	45-1				99		%
Scandium	45-2				100		%
Selenium	77-2	8.03	2.12	-3.88	2.09	285.25	ppb
Selenium	78-2	1.67	4.72	4.84	3.74	47.97	ppb
Selenium	82-1	4.54	5.32	5.54	5.13	10.28	ppb
Silicon	28-1	17.33	20.63	17.10	18.35	10.76	ppb
Silver	109-1	1.06	0.99	1.01	1.02	3.51	ppb
Silver	107-1	1.13	1.17	0.99	1.10	8.54	ppb
Sodium	23-2	503.37	488.18	508.69	500.08	2.13	ppb
Strontium	86-1	1.13	0.96	1.14	1.08	9.50	ppb
Strontium	88-1	1.05	1.09	0.96	1.03	6.30	ppb
Sulfur	34-1	157.66	568.48	-141.83	194.77	183.09	ppb
Terbium	159-1				97		%
Terbium	159-2				99		%
Thallium	203-1	0.98	1.02	0.98	0.99	2.23	ppb
Thallium	205-1	1.02	0.99	0.99	1.00	2.10	ppb
Tin	118-1	4.98	5.11	5.06	5.05	1.24	ppb
Titanium	47-1	5.23	5.45	4.99	5.22	4.42	ppb
Uranium	238-1	0.95	0.95	0.93	0.94	1.30	ppb
Vanadium	51-2	4.36	4.69	4.92	4.66	5.99	ppb
Yttrium	89-1				97		%
Yttrium	89-2				99		%
Zinc	66-2	2.32	1.63	2.38	2.11	19.88	ppb

LB Number :	LB96823	Operator :	Jaswal
Lab Sample ID :	S2	Instrumnet Name :	P8
Client Sample ID :	S2	Dilution Factor :	1
Date & Time Acquired ::	2018-07-23 13:35:23	DataFile Name :	005CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	90-1	0.98	1.00	0.97	0.99	1.57	ppb
Zirconium	91-1	1.02	1.06	1.04	1.04	2.33	ppb

LB Number :	LB96823	Operator :	Jaswal
Lab Sample ID :	S3	Instrumnet Name :	P8
Client Sample ID :	S3	Dilution Factor :	1
Date & Time Acquired ::	2018-07-23 13:39:05	DataFile Name :	006CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	996.30	973.83	936.64	968.93	3.11	ppb
Antimony	121-1	49.83	49.71	50.87	50.14	1.28	ppb
Arsenic	75-2	50.21	50.07	49.76	50.01	0.46	ppb
Barium	135-1	253.45	255.01	257.14	255.20	0.73	ppb
Barium	137-1	254.76	255.44	257.04	255.75	0.46	ppb
Beryllium	9-1	50.51	49.27	51.20	50.32	1.94	ppb
Bismuth	209-1				101		%
Bismuth	209-2				105		%
Boron	10-1	46.31	46.11	49.23	47.22	3.71	ppb
Boron	11-1	46.77	46.64	49.32	47.58	3.18	ppb
Cadmium	111-1	51.40	50.96	52.22	51.53	1.24	ppb
Cadmium	106-1	49.25	51.14	53.35	51.24	4.01	ppb
Cadmium	108-1	51.90	53.96	51.08	52.31	2.83	ppb
Calcium	43-1	4838.75	4954.06	4992.55	4928.45	1.62	ppb
Calcium	44-1	4984.62	4976.45	5041.86	5000.97	0.71	ppb
Chromium	52-2	50.28	50.64	49.16	50.03	1.53	ppb
Cobalt	59-2	49.72	49.97	49.19	49.63	0.80	ppb
Copper	63-2	101.96	100.93	99.69	100.86	1.12	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				105		%
Indium	115-1				102		%
Indium	115-2				104		%
Iron	56-2	2599.62	2576.82	2545.13	2573.86	1.06	ppb
Iron	57-2	2584.93	2574.41	2541.61	2566.98	0.88	ppb
Krypton	83-1						cps
Lead	206-1	50.62	49.42	49.87	49.97	1.21	ppb
Lead	207-1	49.02	48.04	48.37	48.48	1.02	ppb
Lead	208-1	49.78	48.67	49.51	49.32	1.17	ppb
Lithium	6-1				102		%
Magnesium	24-2	5062.61	4899.32	4867.93	4943.29	2.11	ppb

LB Number :	LB96823	Operator :	Jaswal
Lab Sample ID :	S3	Instrumnet Name :	P8
Client Sample ID :	S3	Dilution Factor :	1
Date & Time Acquired ::	2018-07-23 13:39:05	DataFile Name :	006CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	98.88	97.34	100.54	98.92	1.62	ppb
Molybdenum	94-1	250.56	246.09	250.40	249.02	1.02	ppb
Molybdenum	95-1	245.61	241.41	248.61	245.21	1.48	ppb
Molybdenum	96-1	246.89	244.72	249.23	246.95	0.91	ppb
Molybdenum	97-1	246.36	245.18	250.50	247.35	1.13	ppb
Molybdenum	98-1	250.40	245.62	251.07	249.03	1.19	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	49.87	50.31	48.75	49.64	1.62	ppb
Phosphorus	31-2	1438.06	1291.94	1092.00	1274.00	13.64	ppb
Potassium	39-2	2435.91	2347.45	2385.84	2389.73	1.86	ppb
Rhodium	103-1				102		%
Rhodium	103-2				103		%
Scandium	45-1				103		%
Scandium	45-2				105		%
Selenium	77-2	53.14	24.73	30.14	36.00	41.90	ppb
Selenium	78-2	57.13	53.47	51.10	53.90	5.64	ppb
Selenium	82-1	50.87	50.23	51.47	50.86	1.22	ppb
Silicon	28-1	51.92	53.20	55.39	53.50	3.28	ppb
Silver	109-1	52.22	52.21	52.15	52.19	0.07	ppb
Silver	107-1	52.29	51.75	52.71	52.25	0.93	ppb
Sodium	23-2	4974.54	4997.19	4953.99	4975.24	0.43	ppb
Strontium	86-1	50.09	49.92	50.03	50.02	0.17	ppb
Strontium	88-1	50.42	50.14	50.81	50.46	0.67	ppb
Sulfur	34-1	283.26	274.35	523.91	360.51	39.27	ppb
Terbium	159-1				103		%
Terbium	159-2				104		%
Thallium	203-1	50.56	48.26	49.05	49.29	2.37	ppb
Thallium	205-1	51.35	49.43	49.71	50.16	2.06	ppb
Tin	118-1	50.66	49.28	50.37	50.10	1.46	ppb
Titanium	47-1	245.54	248.09	253.49	249.04	1.63	ppb
Uranium	238-1	48.29	47.30	48.86	48.15	1.64	ppb
Vanadium	51-2	50.19	48.94	49.17	49.43	1.35	ppb
Yttrium	89-1				103		%
Yttrium	89-2				105		%
Zinc	66-2	102.68	102.89	102.37	102.65	0.25	ppb

LB Number :	LB96823	Operator :	Jaswal
Lab Sample ID :	S3	Instrumnet Name :	P8
Client Sample ID :	S3	Dilution Factor :	1
Date & Time Acquired ::	2018-07-23 13:39:05	DataFile Name :	006CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	90-1	49.49	49.10	49.80	49.46	0.71	ppb
Zirconium	91-1	49.08	49.24	49.16	49.16	0.16	ppb

LB Number :	LB96823	Operator :	Jaswal
Lab Sample ID :	S4	Instrumnet Name :	P8
Client Sample ID :	S4	Dilution Factor :	1
Date & Time Acquired ::	2018-07-23 13:42:46	DataFile Name :	007CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	2498.13	2465.40	2561.79	2508.44	1.95	ppb
Antimony	121-1	143.58	130.23	124.20	132.67	7.48	ppb
Arsenic	75-2	123.28	122.02	125.42	123.57	1.39	ppb
Barium	135-1	714.24	644.56	614.18	657.66	7.80	ppb
Barium	137-1	718.37	648.42	622.36	663.05	7.49	ppb
Beryllium	9-1	138.69	123.96	123.88	128.84	6.62	ppb
Bismuth	209-1				95		%
Bismuth	209-2				98		%
Boron	10-1	128.68	124.19	115.08	122.65	5.65	ppb
Boron	11-1	131.72	121.33	119.18	124.07	5.40	ppb
Cadmium	111-1	142.40	128.74	125.64	132.26	6.74	ppb
Cadmium	106-1	144.35	127.47	125.07	132.30	7.94	ppb
Cadmium	108-1	146.70	128.23	126.42	133.78	8.39	ppb
Calcium	43-1	14096.43	12595.52	11803.30	12831.75	9.08	ppb
Calcium	44-1	14018.06	12447.57	11849.85	12771.83	8.77	ppb
Chromium	52-2	128.70	126.43	129.73	128.29	1.32	ppb
Cobalt	59-2	127.89	123.99	127.54	126.47	1.70	ppb
Copper	63-2	260.70	253.57	261.62	258.63	1.70	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				97		%
Holmium	165-2				101		%
Indium	115-1				95		%
Indium	115-2				100		%
Iron	56-2	6689.06	6572.03	6758.82	6673.30	1.41	ppb
Iron	57-2	6556.65	6367.61	6604.95	6509.74	1.93	ppb
Krypton	83-1						cps
Lead	206-1	141.43	124.53	119.80	128.59	8.84	ppb
Lead	207-1	138.17	122.78	117.08	126.01	8.66	ppb
Lead	208-1	140.21	124.35	118.70	127.75	8.73	ppb
Lithium	6-1				96		%
Magnesium	24-2	12812.61	12576.66	12713.40	12700.89	0.93	ppb

LB Number :	LB96823	Operator :	Jaswal
Lab Sample ID :	S4	Instrumnet Name :	P8
Client Sample ID :	S4	Dilution Factor :	1
Date & Time Acquired ::	2018-07-23 13:42:46	DataFile Name :	007CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	257.10	251.60	261.07	256.59	1.85	ppb
Molybdenum	94-1	719.93	644.62	624.91	663.15	7.56	ppb
Molybdenum	95-1	712.86	635.10	611.02	652.99	8.15	ppb
Molybdenum	96-1	715.92	644.09	618.99	659.67	7.63	ppb
Molybdenum	97-1	710.04	626.13	609.57	648.58	8.31	ppb
Molybdenum	98-1	719.80	627.87	620.55	656.07	8.43	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	131.37	128.02	131.86	130.42	1.60	ppb
Phosphorus	31-2	2617.53	1858.03	2200.36	2225.31	17.09	ppb
Potassium	39-2	6179.96	6154.05	6326.17	6220.06	1.49	ppb
Rhodium	103-1				95		%
Rhodium	103-2				99		%
Scandium	45-1				96		%
Scandium	45-2				98		%
Selenium	77-2	146.37	149.55	116.70	137.54	13.17	ppb
Selenium	78-2	123.80	125.53	124.20	124.51	0.73	ppb
Selenium	82-1	143.41	127.79	125.60	132.27	7.34	ppb
Silicon	28-1	179.27	151.20	139.37	156.61	13.09	ppb
Silver	109-1	144.20	129.87	125.40	133.16	7.37	ppb
Silver	107-1	144.78	129.97	126.10	133.62	7.38	ppb
Sodium	23-2	12736.03	12539.92	12776.99	12684.31	1.00	ppb
Strontium	86-1	141.65	126.35	124.34	130.78	7.24	ppb
Strontium	88-1	146.79	127.49	125.76	133.35	8.76	ppb
Sulfur	34-1	5097.03	2571.06	1730.14	3132.75	55.94	ppb
Terbium	159-1				97		%
Terbium	159-2				101		%
Thallium	203-1	140.00	124.33	118.70	127.68	8.65	ppb
Thallium	205-1	143.14	126.20	123.16	130.84	8.23	ppb
Tin	118-1	141.49	126.96	122.63	130.36	7.58	ppb
Titanium	47-1	713.36	633.51	608.42	651.76	8.41	ppb
Uranium	238-1	138.74	123.18	118.95	126.96	8.21	ppb
Vanadium	51-2	127.41	124.62	129.74	127.26	2.02	ppb
Yttrium	89-1				95		%
Yttrium	89-2				100		%
Zinc	66-2	260.04	250.26	268.57	259.62	3.53	ppb

LB Number :	LB96823	Operator :	Jaswal
Lab Sample ID :	S4	Instrumnet Name :	P8
Client Sample ID :	S4	Dilution Factor :	1
Date & Time Acquired ::	2018-07-23 13:42:46	DataFile Name :	007CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	90-1	145.83	128.88	124.39	133.03	8.50	ppb
Zirconium	91-1	141.11	126.48	122.35	129.98	7.58	ppb

LB Number :	LB96823	Operator :	Jaswal
Lab Sample ID :	S5	Instrumnet Name :	P8
Client Sample ID :	S5	Dilution Factor :	1
Date & Time Acquired ::	2018-07-23 13:46:20	DataFile Name :	008CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	5031.02	4969.71	4984.82	4995.18	0.64	ppb
Antimony	121-1	252.09	260.16	255.14	255.80	1.59	ppb
Arsenic	75-2	253.93	252.53	252.68	253.05	0.30	ppb
Barium	135-1	1259.88	1306.47	1285.50	1283.95	1.82	ppb
Barium	137-1	1265.19	1296.00	1272.51	1277.90	1.26	ppb
Beryllium	9-1	250.98	248.90	251.18	250.35	0.51	ppb
Bismuth	209-1				100		%
Bismuth	209-2				99		%
Boron	10-1	235.25	244.81	252.52	244.19	3.54	ppb
Boron	11-1	236.54	243.66	249.91	243.37	2.75	ppb
Cadmium	111-1	249.57	258.06	253.35	253.66	1.68	ppb
Cadmium	106-1	245.16	261.08	249.43	251.89	3.27	ppb
Cadmium	108-1	255.50	260.31	257.81	257.87	0.93	ppb
Calcium	43-1	24240.54	24835.28	24728.45	24601.42	1.29	ppb
Calcium	44-1	24173.49	24692.61	24471.52	24445.87	1.07	ppb
Chromium	52-2	259.22	253.53	256.28	256.34	1.11	ppb
Cobalt	59-2	257.67	250.36	254.38	254.14	1.44	ppb
Copper	63-2	521.77	507.16	517.04	515.33	1.45	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				101		%
Holmium	165-2				102		%
Indium	115-1				99		%
Indium	115-2				100		%
Iron	56-2	13519.57	12968.97	13295.79	13261.44	2.09	ppb
Iron	57-2	13281.89	12839.69	13183.33	13101.64	1.77	ppb
Krypton	83-1						cps
Lead	206-1	245.16	248.38	248.04	247.19	0.72	ppb
Lead	207-1	238.95	244.73	241.76	241.81	1.20	ppb
Lead	208-1	245.21	251.74	249.18	248.71	1.32	ppb
Lithium	6-1				98		%
Magnesium	24-2	25938.11	25176.60	25513.42	25542.71	1.49	ppb

LB Number :	LB96823	Operator :	Jaswal
Lab Sample ID :	S5	Instrumnet Name :	P8
Client Sample ID :	S5	Dilution Factor :	1
Date & Time Acquired ::	2018-07-23 13:46:20	DataFile Name :	008CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	518.25	498.36	511.63	509.41	1.99	ppb
Molybdenum	94-1	1265.15	1272.40	1265.08	1267.54	0.33	ppb
Molybdenum	95-1	1248.12	1267.22	1250.38	1255.24	0.83	ppb
Molybdenum	96-1	1263.89	1279.21	1241.14	1261.41	1.52	ppb
Molybdenum	97-1	1268.87	1281.19	1262.61	1270.89	0.74	ppb
Molybdenum	98-1	1232.31	1274.32	1244.57	1250.40	1.73	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	263.01	255.19	260.20	259.47	1.53	ppb
Phosphorus	31-2	5164.38	5449.04	5187.14	5266.86	3.00	ppb
Potassium	39-2	12379.83	12099.67	12218.30	12232.60	1.15	ppb
Rhodium	103-1				97		%
Rhodium	103-2				99		%
Scandium	45-1				99		%
Scandium	45-2				99		%
Selenium	77-2	260.12	220.37	226.81	235.77	9.05	ppb
Selenium	78-2	260.64	249.41	241.06	250.37	3.92	ppb
Selenium	82-1	249.37	258.92	252.72	253.67	1.91	ppb
Silicon	28-1	256.70	264.72	262.78	261.40	1.60	ppb
Silver	109-1	258.97	264.53	261.50	261.66	1.06	ppb
Silver	107-1	260.94	264.54	263.18	262.89	0.69	ppb
Sodium	23-2	26414.70	25249.96	25739.21	25801.29	2.27	ppb
Strontium	86-1	245.33	253.66	250.04	249.68	1.67	ppb
Strontium	88-1	250.60	255.29	251.22	252.37	1.01	ppb
Sulfur	34-1	4519.71	4865.67	4519.34	4634.91	4.31	ppb
Terbium	159-1				101		%
Terbium	159-2				102		%
Thallium	203-1	248.08	250.55	249.75	249.46	0.51	ppb
Thallium	205-1	250.48	251.23	250.59	250.77	0.16	ppb
Tin	118-1	247.90	256.06	249.90	251.28	1.69	ppb
Titanium	47-1	1232.25	1250.71	1241.44	1241.47	0.74	ppb
Uranium	238-1	243.39	247.88	246.60	245.95	0.94	ppb
Vanadium	51-2	257.44	251.42	253.89	254.25	1.19	ppb
Yttrium	89-1				99		%
Yttrium	89-2				101		%
Zinc	66-2	534.73	518.04	525.54	526.11	1.59	ppb

LB Number :	LB96823	Operator :	Jaswal
Lab Sample ID :	S5	Instrumnet Name :	P8
Client Sample ID :	S5	Dilution Factor :	1
Date & Time Acquired ::	2018-07-23 13:46:20	DataFile Name :	008CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	90-1	251.68	258.10	248.75	252.84	1.89	ppb
Zirconium	91-1	245.49	253.21	245.90	248.20	1.75	ppb

LB Number :	LB96823	Operator :	Jaswal
Lab Sample ID :	S6	Instrumnet Name :	P8
Client Sample ID :	S6	Dilution Factor :	1
Date & Time Acquired ::	2018-07-23 13:49:50	DataFile Name :	009CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	9794.38	9660.20	9413.16	9622.58	2.01	ppb
Antimony	121-1	509.95	559.00	498.84	522.59	6.13	ppb
Arsenic	75-2	499.35	497.42	495.83	497.53	0.35	ppb
Barium	135-1	2570.36	2779.26	2474.86	2608.16	5.97	ppb
Barium	137-1	2523.07	2773.72	2460.70	2585.83	6.41	ppb
Beryllium	9-1	499.62	536.15	498.63	511.46	4.18	ppb
Bismuth	209-1				98		%
Bismuth	209-2				99		%
Boron	10-1	484.16	537.34	496.30	505.93	5.51	ppb
Boron	11-1	483.91	534.26	505.63	507.93	4.97	ppb
Cadmium	111-1	503.44	551.78	491.97	515.73	6.15	ppb
Cadmium	106-1	509.55	558.66	493.97	520.73	6.48	ppb
Cadmium	108-1	506.74	567.06	498.25	524.02	7.16	ppb
Calcium	43-1	49423.54	54463.34	49144.64	51010.50	5.87	ppb
Calcium	44-1	48942.51	53854.95	48942.59	50580.02	5.61	ppb
Chromium	52-2	497.14	496.91	491.27	495.11	0.67	ppb
Cobalt	59-2	491.11	493.98	491.41	492.16	0.32	ppb
Copper	63-2	996.86	993.31	984.59	991.59	0.64	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				100		%
Holmium	165-2				102		%
Indium	115-1				97		%
Indium	115-2				97		%
Iron	56-2	25664.90	25555.23	25224.94	25481.69	0.90	ppb
Iron	57-2	25244.65	25174.15	25060.66	25159.82	0.37	ppb
Krypton	83-1						cps
Lead	206-1	507.73	553.56	495.24	518.85	5.92	ppb
Lead	207-1	509.90	553.17	496.90	519.99	5.67	ppb
Lead	208-1	505.47	548.67	496.79	516.98	5.38	ppb
Lithium	6-1				96		%
Magnesium	24-2	51293.93	50407.21	49905.51	50535.55	1.39	ppb

LB Number :	LB96823	Operator :	Jaswal
Lab Sample ID :	S6	Instrumnet Name :	P8
Client Sample ID :	S6	Dilution Factor :	1
Date & Time Acquired ::	2018-07-23 13:49:50	DataFile Name :	009CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	996.06	990.23	989.30	991.86	0.37	ppb
Molybdenum	94-1	2520.61	2765.00	2498.98	2594.86	5.69	ppb
Molybdenum	95-1	2515.34	2715.64	2457.44	2562.81	5.29	ppb
Molybdenum	96-1	2515.66	2715.40	2446.84	2559.30	5.45	ppb
Molybdenum	97-1	2534.66	2781.46	2504.77	2606.96	5.83	ppb
Molybdenum	98-1	2532.33	2736.47	2468.62	2579.14	5.43	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	498.50	501.89	497.28	499.22	0.48	ppb
Phosphorus	31-2	9544.12	9502.22	9649.92	9565.42	0.80	ppb
Potassium	39-2	23763.51	23490.24	23370.77	23541.51	0.86	ppb
Rhodium	103-1				94		%
Rhodium	103-2				97		%
Scandium	45-1				96		%
Scandium	45-2				98		%
Selenium	77-2	422.21	503.14	454.91	460.09	8.85	ppb
Selenium	78-2	544.50	496.35	497.42	512.75	5.36	ppb
Selenium	82-1	504.84	549.01	497.74	517.20	5.37	ppb
Silicon	28-1	519.07	577.97	520.21	539.08	6.25	ppb
Silver	109-1	514.68	559.99	502.98	525.88	5.73	ppb
Silver	107-1	516.45	561.27	502.59	526.77	5.82	ppb
Sodium	23-2	49755.71	48998.68	49334.08	49362.82	0.77	ppb
Strontium	86-1	505.27	548.28	492.95	515.50	5.64	ppb
Strontium	88-1	506.23	549.43	493.35	516.34	5.69	ppb
Sulfur	34-1	10341.81	12672.15	10153.43	11055.80	12.69	ppb
Terbium	159-1				100		%
Terbium	159-2				102		%
Thallium	203-1	508.86	548.63	493.97	517.15	5.46	ppb
Thallium	205-1	501.68	539.59	491.92	511.06	4.93	ppb
Tin	118-1	511.74	552.21	496.80	520.25	5.51	ppb
Titanium	47-1	2564.02	2816.77	2517.85	2632.88	6.11	ppb
Uranium	238-1	495.74	542.37	485.14	507.75	6.00	ppb
Vanadium	51-2	498.21	489.34	490.44	492.67	0.98	ppb
Yttrium	89-1				97		%
Yttrium	89-2				99		%
Zinc	66-2	993.07	991.93	987.10	990.70	0.32	ppb

LB Number :	LB96823	Operator :	Jaswal
Lab Sample ID :	S6	Instrumnet Name :	P8
Client Sample ID :	S6	Dilution Factor :	1
Date & Time Acquired ::	2018-07-23 13:49:50	DataFile Name :	009CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	90-1	509.14	551.34	495.41	518.63	5.62	ppb
Zirconium	91-1	500.57	549.15	494.83	514.85	5.80	ppb

LB Number :	LB96823	Operator :	Jaswal
Lab Sample ID :	S7	Instrumnet Name :	P8
Client Sample ID :	S7	Dilution Factor :	1
Date & Time Acquired ::	2018-07-23 13:53:16	DataFile Name :	010CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	19373.99	19629.46	19519.21	19507.55	0.66	ppb
Antimony	121-1	977.45	995.81	985.61	986.29	0.93	ppb
Arsenic	75-2	1004.74	997.25	999.96	1000.65	0.38	ppb
Barium	135-1	4943.51	4950.97	4904.79	4933.09	0.50	ppb
Barium	137-1	4939.35	4979.03	4916.82	4945.07	0.64	ppb
Beryllium	9-1	999.58	993.21	988.26	993.68	0.57	ppb
Bismuth	209-1				100		%
Bismuth	209-2				96		%
Boron	10-1	988.23	992.86	1015.86	998.98	1.48	ppb
Boron	11-1	980.36	995.78	1017.77	997.97	1.88	ppb
Cadmium	111-1	989.95	993.24	987.52	990.23	0.29	ppb
Cadmium	106-1	980.78	992.62	991.17	988.19	0.65	ppb
Cadmium	108-1	985.48	984.27	984.67	984.81	0.06	ppb
Calcium	43-1	97740.48	99486.15	100190.92	99139.19	1.27	ppb
Calcium	44-1	96532.75	98056.50	97734.06	97441.10	0.82	ppb
Chromium	52-2	998.00	1002.50	1000.84	1000.45	0.23	ppb
Cobalt	59-2	990.64	996.49	1021.03	1002.72	1.61	ppb
Copper	63-2	1985.24	1993.94	2018.59	1999.25	0.87	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				101		%
Indium	115-1				98		%
Indium	115-2				94		%
Iron	56-2	51855.18	51108.90	51551.17	51505.08	0.73	ppb
Iron	57-2	50769.97	50626.04	51073.74	50823.25	0.45	ppb
Krypton	83-1						cps
Lead	206-1	990.36	994.70	987.43	990.83	0.37	ppb
Lead	207-1	989.35	993.86	992.79	992.00	0.24	ppb
Lead	208-1	990.21	993.21	991.16	991.52	0.15	ppb
Lithium	6-1				97		%
Magnesium	24-2	100088.22	101000.85	100757.41	100615.49	0.47	ppb

LB Number :	LB96823	Operator :	Jaswal
Lab Sample ID :	S7	Instrumnet Name :	P8
Client Sample ID :	S7	Dilution Factor :	1
Date & Time Acquired ::	2018-07-23 13:53:16	DataFile Name :	010CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	2002.46	2002.49	1997.89	2000.95	0.13	ppb
Molybdenum	94-1	4918.72	4957.97	4953.70	4943.46	0.44	ppb
Molybdenum	95-1	4931.46	4979.15	4981.48	4964.03	0.57	ppb
Molybdenum	96-1	4908.79	4989.19	4991.97	4963.32	0.95	ppb
Molybdenum	97-1	4922.81	4935.12	4957.51	4938.48	0.36	ppb
Molybdenum	98-1	4920.57	4986.36	4962.55	4956.49	0.67	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	992.59	997.15	1002.36	997.36	0.49	ppb
Phosphorus	31-2	20327.68	20301.08	19884.87	20171.21	1.23	ppb
Potassium	39-2	47694.73	48165.76	48250.60	48037.03	0.62	ppb
Rhodium	103-1				95		%
Rhodium	103-2				94		%
Scandium	45-1				99		%
Scandium	45-2				97		%
Selenium	77-2	1150.74	927.30	989.94	1022.66	11.27	ppb
Selenium	78-2	987.73	993.50	998.99	993.40	0.57	ppb
Selenium	82-1	983.27	993.27	992.06	989.53	0.55	ppb
Silicon	28-1	968.46	969.59	982.15	973.40	0.78	ppb
Silver	109-1	980.54	986.16	982.34	983.01	0.29	ppb
Silver	107-1	985.00	987.61	974.00	982.20	0.74	ppb
Sodium	23-2	99999.47	100690.26	100128.59	100272.77	0.37	ppb
Strontium	86-1	987.93	987.18	999.71	991.61	0.71	ppb
Strontium	88-1	992.55	989.69	988.27	990.17	0.22	ppb
Sulfur	34-1	20633.13	16312.27	21603.37	19516.26	14.43	ppb
Terbium	159-1				103		%
Terbium	159-2				100		%
Thallium	203-1	983.57	994.50	995.71	991.26	0.67	ppb
Thallium	205-1	994.72	993.78	992.12	993.54	0.13	ppb
Tin	118-1	988.49	992.28	985.88	988.88	0.33	ppb
Titanium	47-1	4956.05	4917.98	4923.16	4932.40	0.42	ppb
Uranium	238-1	993.68	1001.30	995.98	996.99	0.39	ppb
Vanadium	51-2	1000.99	1003.76	1002.32	1002.35	0.14	ppb
Yttrium	89-1				101		%
Yttrium	89-2				97		%
Zinc	66-2	2002.45	1987.73	2000.18	1996.79	0.40	ppb

LB Number :	LB96823	Operator :	Jaswal
Lab Sample ID :	S7	Instrumnet Name :	P8
Client Sample ID :	S7	Dilution Factor :	1
Date & Time Acquired ::	2018-07-23 13:53:16	DataFile Name :	010CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	90-1	986.19	993.31	987.49	989.00	0.38	ppb
Zirconium	91-1	987.51	996.62	993.20	992.45	0.46	ppb

LB Number :	LB96823	Operator :	Jaswal
Lab Sample ID :	S8	Instrumnet Name :	P8
Client Sample ID :	S8	Dilution Factor :	1
Date & Time Acquired ::	2018-07-23 13:56:37	DataFile Name :	011CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	98844.00	103185.73	98379.98	100136.57	2.65	ppb
Antimony	121-1	2.95	2.90	2.69	2.85	4.77	ppb
Arsenic	75-2	1.04	1.70	1.82	1.52	27.84	ppb
Barium	135-1	1.05	0.93	0.78	0.92	14.70	ppb
Barium	137-1	1.02	0.95	0.75	0.91	15.42	ppb
Beryllium	9-1	0.52	0.50	0.36	0.46	18.73	ppb
Bismuth	209-1				92		%
Bismuth	209-2				93		%
Boron	10-1	53.02	49.82	42.70	48.51	10.89	ppb
Boron	11-1	50.17	46.69	43.38	46.75	7.26	ppb
Cadmium	111-1	0.39	0.15	0.27	0.27	45.20	ppb
Cadmium	106-1	0.66	-0.93	0.91	0.21	468.15	ppb
Cadmium	108-1	0.47	0.34	0.51	0.44	20.33	ppb
Calcium	43-1	508092.66	507473.71	484684.07	500083.48	2.67	ppb
Calcium	44-1	512000.12	505311.70	484112.29	500474.70	2.91	ppb
Chromium	52-2	35.45	36.39	35.34	35.73	1.62	ppb
Cobalt	59-2	11.99	12.03	11.58	11.86	2.12	ppb
Copper	63-2	4.24	3.96	4.05	4.09	3.55	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				101		%
Holmium	165-2				102		%
Indium	115-1				95		%
Indium	115-2				99		%
Iron	56-2	247923.61	256868.11	244012.55	249601.42	2.64	ppb
Iron	57-2	246547.40	257306.17	245492.80	249782.12	2.62	ppb
Krypton	83-1						cps
Lead	206-1	6.72	6.72	6.40	6.62	2.77	ppb
Lead	207-1	6.04	6.22	5.82	6.03	3.31	ppb
Lead	208-1	6.38	6.52	6.00	6.30	4.28	ppb
Lithium	6-1				97		%
Magnesium	24-2	494962.69	515251.22	489161.41	499791.77	2.74	ppb

LB Number :	LB96823	Operator :	Jaswal
Lab Sample ID :	S8	Instrumnet Name :	P8
Client Sample ID :	S8	Dilution Factor :	1
Date & Time Acquired ::	2018-07-23 13:56:37	DataFile Name :	011CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	9.32	9.60	8.49	9.14	6.27	ppb
Molybdenum	94-1	7.13	6.96	5.92	6.67	9.84	ppb
Molybdenum	95-1	9.33	8.95	8.32	8.87	5.71	ppb
Molybdenum	96-1	9.55	8.97	8.77	9.10	4.48	ppb
Molybdenum	97-1	9.44	8.77	8.46	8.89	5.64	ppb
Molybdenum	98-1	9.26	9.13	8.63	9.01	3.73	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	29.65	29.80	29.30	29.58	0.86	ppb
Phosphorus	31-2	34.78	-11.98	33.73	18.84	141.70	ppb
Potassium	39-2	246849.01	257685.82	247126.09	250553.64	2.47	ppb
Rhodium	103-1				90		%
Rhodium	103-2				93		%
Scandium	45-1				99		%
Scandium	45-2				102		%
Selenium	77-2	-3.88	-3.88	1.83	-1.98		ppb
Selenium	78-2	1.60	0.66	-0.33	0.64	149.87	ppb
Selenium	82-1	0.91	0.37	1.06	0.78	46.15	ppb
Silicon	28-1	41.53	41.56	37.11	40.07	6.40	ppb
Silver	109-1	0.14	0.11	0.08	0.11	26.22	ppb
Silver	107-1	0.11	0.10	0.10	0.10	5.89	ppb
Sodium	23-2	495417.00	515278.71	489198.50	499964.74	2.72	ppb
Strontium	86-1	5.33	5.17	4.86	5.12	4.66	ppb
Strontium	88-1	5.05	5.05	4.94	5.01	1.22	ppb
Sulfur	34-1	-582.86	-782.32	-1208.26	-857.82		ppb
Terbium	159-1				100		%
Terbium	159-2				102		%
Thallium	203-1	0.64	0.68	0.58	0.63	8.33	ppb
Thallium	205-1	0.66	0.62	0.59	0.62	5.37	ppb
Tin	118-1	2.43	2.55	2.26	2.41	6.05	ppb
Titanium	47-1	2.72	2.41	2.42	2.52	7.03	ppb
Uranium	238-1	0.10	0.08	0.08	0.08	14.36	ppb
Vanadium	51-2	0.41	0.35	0.37	0.38	8.67	ppb
Yttrium	89-1				98		%
Yttrium	89-2				103		%
Zinc	66-2	13.79	16.23	14.77	14.93	8.21	ppb

LB Number :	LB96823	Operator :	Jaswal
Lab Sample ID :	S8	Instrumnet Name :	P8
Client Sample ID :	S8	Dilution Factor :	1
Date & Time Acquired ::	2018-07-23 13:56:37	DataFile Name :	011CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	90-1	0.28	0.23	0.23	0.25	11.33	ppb
Zirconium	91-1	0.25	0.30	0.26	0.27	9.22	ppb

LB Number :	LB96823	Operator :	Jaswal
Lab Sample ID :	ICV01	Instrumnet Name :	P8
Client Sample ID :	ICV01	Dilution Factor :	1
Date & Time Acquired ::	2018-07-23 14:35:46	DataFile Name :	012ICV01.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	479.20	493.26	480.27	484.24	1.62	ppb
Antimony	121-1	214.58	205.74	201.78	207.37	3.16	ppb
Arsenic	75-2	196.31	196.87	206.71	199.96	2.93	ppb
Barium	135-1	109.28	104.08	100.26	104.54	4.33	ppb
Barium	137-1	109.21	101.90	99.71	103.61	4.80	ppb
Beryllium	9-1	102.78	101.42	100.33	101.51	1.21	ppb
Bismuth	209-1				98		%
Bismuth	209-2				102		%
Boron	10-1	513.71	522.17	524.93	520.27	1.12	ppb
Boron	11-1	513.84	523.05	527.15	521.34	1.31	ppb
Cadmium	111-1	112.64	108.01	105.89	108.85	3.17	ppb
Cadmium	106-1	188.02	171.72	168.88	176.20	5.86	ppb
Cadmium	108-1	146.98	141.33	143.04	143.78	2.02	ppb
Calcium	43-1	2159.53	2107.02	2077.73	2114.76	1.96	ppb
Calcium	44-1	2148.80	2035.46	2007.19	2063.82	3.63	ppb
Chromium	52-2	92.57	97.23	96.72	95.51	2.68	ppb
Cobalt	59-2	94.14	96.33	97.69	96.05	1.87	ppb
Copper	63-2	94.99	98.28	99.47	97.58	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				103		%
Indium	115-1				100		%
Indium	115-2				105		%
Iron	56-2	986.65	1010.01	1016.09	1004.25	1.55	ppb
Iron	57-2	969.17	1010.31	1015.18	998.22	2.53	ppb
Krypton	83-1						cps
Lead	206-1	207.29	199.03	192.89	199.74	3.62	ppb
Lead	207-1	194.30	186.52	182.88	187.90	3.11	ppb
Lead	208-1	204.46	196.38	193.04	197.96	2.97	ppb
Lithium	6-1				101		%
Magnesium	24-2	1101.39	1181.36	1173.27	1152.01	3.82	ppb

LB Number :	LB96823	Operator :	Jaswal
Lab Sample ID :	ICV01	Instrumnet Name :	P8
Client Sample ID :	ICV01	Dilution Factor :	1
Date & Time Acquired ::	2018-07-23 14:35:46	DataFile Name :	012ICV01.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	95.37	99.28	98.04	97.56	2.05	ppb
Molybdenum	94-1	1248.47	1195.77	1186.20	1210.15	2.77	ppb
Molybdenum	95-1	577.74	559.13	545.10	560.66	2.92	ppb
Molybdenum	96-1	659.73	638.47	626.09	641.43	2.65	ppb
Molybdenum	97-1	567.53	544.36	538.64	550.18	2.78	ppb
Molybdenum	98-1	573.16	561.03	547.94	560.71	2.25	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	97.30	98.53	100.28	98.70	1.52	ppb
Phosphorus	31-2	30.70	32.60	-11.98	17.11	147.37	ppb
Potassium	39-2	2014.22	1984.44	1997.60	1998.75	0.75	ppb
Rhodium	103-1				100		%
Rhodium	103-2				103		%
Scandium	45-1				103		%
Scandium	45-2				109		%
Selenium	77-2	140.40	165.13	146.19	150.58	8.59	ppb
Selenium	78-2	179.53	232.41	202.25	204.73	12.96	ppb
Selenium	82-1	214.48	203.61	202.80	206.96	3.15	ppb
Silicon	28-1	1.14	-2.07	-2.03	-0.99		ppb
Silver	109-1	109.89	104.56	103.20	105.89	3.34	ppb
Silver	107-1	111.21	105.31	104.10	106.87	3.56	ppb
Sodium	23-2	1951.99	2004.32	2025.81	1994.04	1.90	ppb
Strontium	86-1	558.61	530.62	528.42	539.22	3.12	ppb
Strontium	88-1	557.79	534.68	524.38	538.95	3.17	ppb
Sulfur	34-1	-71.10	-597.31	-914.66	-527.69		ppb
Terbium	159-1				99		%
Terbium	159-2				104		%
Thallium	203-1	210.23	200.27	195.36	201.95	3.75	ppb
Thallium	205-1	216.67	206.26	200.50	207.81	3.94	ppb
Tin	118-1	590.21	561.32	549.25	566.93	3.71	ppb
Titanium	47-1	561.25	535.93	531.61	542.93	2.95	ppb
Uranium	238-1	534.56	504.27	495.30	511.38	4.02	ppb
Vanadium	51-2	93.43	97.51	97.34	96.09	2.40	ppb
Yttrium	89-1				101		%
Yttrium	89-2				106		%
Zinc	66-2	190.73	195.89	199.89	195.50	2.35	ppb

LB Number :	LB96823	Operator :	Jaswal
Lab Sample ID :	ICV01	Instrumnet Name :	P8
Client Sample ID :	ICV01	Dilution Factor :	1
Date & Time Acquired ::	2018-07-23 14:35:46	DataFile Name :	012ICV01.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	90-1	547.31	526.56	525.18	533.02	2.33	ppb
Zirconium	91-1	548.94	533.45	530.91	537.77	1.82	ppb

LB Number : LB96823 Operator : Jaswal
 Lab Sample ID : ICB01 Instrumnet Name : P8
 Client Sample ID : ICB01 Dilution Factor : 1
 Date & Time Acquired :: 2018-07-23 14:42:29 DataFile Name : 013CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	0.72	1.95	0.25	0.97	90.34	ppb
Antimony	121-1	0.19	0.25	0.18	0.21	16.82	ppb
Arsenic	75-2	-0.06	-0.03	-0.03	-0.04		ppb
Barium	135-1	0.00	0.00	0.00	0.00		ppb
Barium	137-1	-0.01	0.01	0.00	0.00		ppb
Beryllium	9-1	0.04	0.02	0.04	0.03	38.94	ppb
Bismuth	209-1				98		%
Bismuth	209-2				105		%
Boron	10-1	11.30	9.67	10.01	10.33	8.32	ppb
Boron	11-1	9.55	9.86	9.52	9.65	1.95	ppb
Cadmium	111-1	-0.12	-0.13	0.07	-0.06		ppb
Cadmium	106-1	-1.70	-1.97	0.96	-0.90		ppb
Cadmium	108-1	0.06	0.07	0.10	0.08	28.32	ppb
Calcium	43-1	0.75	3.65	2.54	2.31	63.18	ppb
Calcium	44-1	-3.81	0.24	-1.27	-1.61		ppb
Chromium	52-2	-0.09	-0.05	-0.04	-0.06		ppb
Cobalt	59-2	-0.02	0.00	-0.03	-0.02		ppb
Copper	63-2	-0.55	-0.53	-0.50	-0.52		ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				99		%
Holmium	165-2				105		%
Indium	115-1				101		%
Indium	115-2				107		%
Iron	56-2	0.20	0.16	0.55	0.30	71.70	ppb
Iron	57-2	2.13	1.42	6.57	3.37	82.78	ppb
Krypton	83-1						cps
Lead	206-1	0.03	0.03	0.06	0.04	36.78	ppb
Lead	207-1	0.03	0.02	0.04	0.03	38.40	ppb
Lead	208-1	0.02	0.03	0.04	0.03	24.71	ppb
Lithium	6-1				102		%
Magnesium	24-2	-1.75	-1.36	-1.94	-1.68		ppb

LB Number :	LB96823	Operator :	Jaswal
Lab Sample ID :	ICB01	Instrumnet Name :	P8
Client Sample ID :	ICB01	Dilution Factor :	1
Date & Time Acquired ::	2018-07-23 14:42:29	DataFile Name :	013CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	-0.17	-0.07	-0.07	-0.10		ppb
Molybdenum	94-1	0.36	0.31	0.25	0.31	18.14	ppb
Molybdenum	95-1	0.15	0.23	0.23	0.20	20.52	ppb
Molybdenum	96-1	0.22	0.20	0.20	0.20	5.55	ppb
Molybdenum	97-1	0.17	0.18	0.14	0.16	12.00	ppb
Molybdenum	98-1	0.20	0.19	0.20	0.20	2.98	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	-0.83	-0.77	-0.61	-0.74		ppb
Phosphorus	31-2	-11.98	-11.98	-11.98	-11.98		ppb
Potassium	39-2	20.81	30.95	35.38	29.05	25.73	ppb
Rhodium	103-1				100		%
Rhodium	103-2				105		%
Scandium	45-1				103		%
Scandium	45-2				109		%
Selenium	77-2	-3.88	1.73	-3.88	-2.01		ppb
Selenium	78-2	0.59	2.50	-0.33	0.92	156.61	ppb
Selenium	82-1	0.15	-0.24	0.17	0.02	957.61	ppb
Silicon	28-1	-10.16	-2.20	-4.99	-5.79		ppb
Silver	109-1	0.01	0.01	0.01	0.01	16.08	ppb
Silver	107-1	0.00	0.01	0.00	0.01	45.86	ppb
Sodium	23-2	29.30	27.07	22.27	26.21	13.69	ppb
Strontium	86-1	0.04	0.00	0.07	0.03	109.71	ppb
Strontium	88-1	0.00	0.00	0.00	0.00	22.32	ppb
Sulfur	34-1	-1504.35	102.01	-198.60	-533.64		ppb
Terbium	159-1				99		%
Terbium	159-2				106		%
Thallium	203-1	0.02	0.05	0.05	0.04	33.22	ppb
Thallium	205-1	0.04	0.05	0.05	0.04	7.17	ppb
Tin	118-1	0.19	0.20	0.15	0.18	13.51	ppb
Titanium	47-1	0.00	0.03	-0.03	0.00	2404.30	ppb
Uranium	238-1	0.00	0.00	0.00	0.00		ppb
Vanadium	51-2	0.02	0.01	0.02	0.02	28.36	ppb
Yttrium	89-1				101		%
Yttrium	89-2				108		%
Zinc	66-2	-0.21	0.06	0.01	-0.04		ppb

LB Number :	LB96823	Operator :	Jaswal
Lab Sample ID :	ICB01	Instrumnet Name :	P8
Client Sample ID :	ICB01	Dilution Factor :	1
Date & Time Acquired ::	2018-07-23 14:42:29	DataFile Name :	013CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	90-1	0.12	0.12	0.10	0.12	9.81	ppb
Zirconium	91-1	0.10	0.10	0.11	0.10	5.50	ppb

LB Number :	LB96823	Operator :	Jaswal
Lab Sample ID :	ICSA01	Instrumnet Name :	P8
Client Sample ID :	ICSA01	Dilution Factor :	1
Date & Time Acquired ::	2018-07-23 14:45:49	DataFile Name :	014ICSA01.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	88187.20	89632.66	91274.45	89698.10	1.72	ppb
Antimony	121-1	1.21	1.17	1.17	1.18	1.95	ppb
Arsenic	75-2	0.45	0.25	0.23	0.31	39.83	ppb
Barium	135-1	1.51	1.54	1.49	1.51	1.70	ppb
Barium	137-1	1.35	1.54	1.44	1.44	6.44	ppb
Beryllium	9-1	0.36	0.31	0.36	0.34	8.97	ppb
Bismuth	209-1				100		%
Bismuth	209-2				99		%
Boron	10-1	10.10	8.58	8.87	9.19	8.79	ppb
Boron	11-1	9.36	9.31	8.95	9.21	2.39	ppb
Cadmium	111-1	0.09	0.19	0.22	0.17	40.08	ppb
Cadmium	106-1	-2.16	-3.01	-1.37	-2.18		ppb
Cadmium	108-1	9.57	8.86	8.37	8.94	6.71	ppb
Calcium	43-1	94985.38	94990.24	95584.96	95186.86	0.36	ppb
Calcium	44-1	93845.82	95020.86	93101.68	93989.45	1.03	ppb
Chromium	52-2	18.49	18.84	19.53	18.95	2.81	ppb
Cobalt	59-2	1.06	1.21	0.98	1.08	10.65	ppb
Copper	63-2	6.79	6.75	7.17	6.90	3.30	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				105		%
Holmium	165-2				105		%
Indium	115-1				102		%
Indium	115-2				100		%
Iron	56-2	97084.53	99828.23	101703.32	99538.69	2.33	ppb
Iron	57-2	95910.10	98076.65	100425.41	98137.39	2.30	ppb
Krypton	83-1						cps
Lead	206-1	4.73	4.70	4.55	4.66	2.02	ppb
Lead	207-1	4.07	4.20	3.88	4.05	3.97	ppb
Lead	208-1	4.34	4.33	4.20	4.29	1.81	ppb
Lithium	6-1				101		%
Magnesium	24-2	94421.05	96488.99	98203.07	96371.04	1.97	ppb

LB Number :	LB96823	Operator :	Jaswal
Lab Sample ID :	ICSA01	Instrumnet Name :	P8
Client Sample ID :	ICSA01	Dilution Factor :	1
Date & Time Acquired ::	2018-07-23 14:45:49	DataFile Name :	014ICSA01.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	7.28	7.58	8.19	7.68	6.04	ppb
Molybdenum	94-1	1313.46	1328.35	1321.03	1320.95	0.56	ppb
Molybdenum	95-1	1867.04	1877.13	1871.88	1872.01	0.27	ppb
Molybdenum	96-1	1818.12	1816.33	1810.65	1815.04	0.21	ppb
Molybdenum	97-1	1898.52	1917.00	1934.13	1916.55	0.93	ppb
Molybdenum	98-1	1893.53	1880.40	1866.10	1880.01	0.73	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	4.07	4.17	4.34	4.19	3.23	ppb
Phosphorus	31-2	96620.65	96193.86	97420.13	96744.88	0.64	ppb
Potassium	39-2	93598.41	96381.90	99885.24	96621.85	3.26	ppb
Rhodium	103-1				99		%
Rhodium	103-2				99		%
Scandium	45-1				104		%
Scandium	45-2				104		%
Selenium	77-2	-3.88	-3.88	-3.88	-3.88		ppb
Selenium	78-2	2.53	-0.33	-0.33	0.62	264.31	ppb
Selenium	82-1	0.22	-0.43	-0.23	-0.15		ppb
Silicon	28-1	23.91	23.32	22.96	23.40	2.04	ppb
Silver	109-1	0.07	0.06	0.08	0.07	13.26	ppb
Silver	107-1	0.06	0.06	0.07	0.06	12.90	ppb
Sodium	23-2	96435.18	98504.51	99874.76	98271.48	1.76	ppb
Strontium	86-1	32.24	32.41	32.96	32.54	1.16	ppb
Strontium	88-1	33.10	33.35	33.26	33.24	0.38	ppb
Sulfur	34-1	80303.66	80508.56	79606.83	80139.68	0.59	ppb
Terbium	159-1				105		%
Terbium	159-2				105		%
Thallium	203-1	0.09	0.12	0.13	0.12	17.17	ppb
Thallium	205-1	0.11	0.13	0.14	0.13	10.73	ppb
Tin	118-1	0.15	0.13	0.11	0.13	13.07	ppb
Titanium	47-1	1925.41	1972.75	1982.69	1960.28	1.56	ppb
Uranium	238-1	0.01	0.01	0.01	0.01	9.66	ppb
Vanadium	51-2	0.13	0.14	0.13	0.13	4.32	ppb
Yttrium	89-1				105		%
Yttrium	89-2				104		%
Zinc	66-2	10.29	10.91	12.05	11.08	8.06	ppb

LB Number :	LB96823	Operator :	Jaswal
Lab Sample ID :	ICSA01	Instrumnet Name :	P8
Client Sample ID :	ICSA01	Dilution Factor :	1
Date & Time Acquired ::	2018-07-23 14:45:49	DataFile Name :	014ICSA01.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	90-1	1.51	1.24	0.95	1.23	22.55	ppb
Zirconium	91-1	1.54	1.24	0.97	1.25	23.06	ppb

LB Number :	LB96823	Operator :	Jaswal
Lab Sample ID :	ICSAB01	Instrumnet Name :	P8
Client Sample ID :	ICSAB01	Dilution Factor :	1
Date & Time Acquired ::	2018-07-23 14:49:04	DataFile Name :	015ICSB.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	90351.49	89455.00	87985.30	89263.93	1.34	ppb
Antimony	121-1	20.82	20.62	20.91	20.78	0.72	ppb
Arsenic	75-2	20.17	20.12	19.75	20.01	1.14	ppb
Barium	135-1	21.02	21.14	22.06	21.41	2.66	ppb
Barium	137-1	21.52	21.39	21.79	21.56	0.94	ppb
Beryllium	9-1	20.64	20.14	20.26	20.35	1.30	ppb
Bismuth	209-1				99		%
Bismuth	209-2				99		%
Boron	10-1	55.30	51.83	53.71	53.62	3.24	ppb
Boron	11-1	51.47	52.42	52.82	52.23	1.33	ppb
Cadmium	111-1	19.69	19.85	19.69	19.74	0.45	ppb
Cadmium	106-1	19.87	22.58	22.22	21.56	6.83	ppb
Cadmium	108-1	33.40	29.67	31.28	31.45	5.94	ppb
Calcium	43-1	97248.55	95152.59	96471.46	96290.87	1.10	ppb
Calcium	44-1	95908.10	95063.99	95078.53	95350.21	0.51	ppb
Chromium	52-2	38.16	38.47	37.85	38.16	0.81	ppb
Cobalt	59-2	20.75	19.93	19.86	20.18	2.47	ppb
Copper	63-2	26.45	26.67	26.90	26.67	0.85	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				104		%
Holmium	165-2				106		%
Indium	115-1				101		%
Indium	115-2				102		%
Iron	56-2	99455.75	98654.10	97941.19	98683.68	0.77	ppb
Iron	57-2	98725.60	97245.07	96713.13	97561.27	1.07	ppb
Krypton	83-1						cps
Lead	206-1	25.06	24.65	24.72	24.81	0.90	ppb
Lead	207-1	22.36	22.42	22.28	22.35	0.32	ppb
Lead	208-1	23.66	23.29	23.40	23.45	0.81	ppb
Lithium	6-1				99		%
Magnesium	24-2	96002.22	96202.28	95320.91	95841.80	0.48	ppb

LB Number :	LB96823	Operator :	Jaswal
Lab Sample ID :	ICSAB01	Instrumnet Name :	P8
Client Sample ID :	ICSAB01	Dilution Factor :	1
Date & Time Acquired ::	2018-07-23 14:49:04	DataFile Name :	015ICSB.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	26.77	26.47	26.57	26.60	0.58	ppb
Molybdenum	94-1	1425.36	1429.80	1437.30	1430.82	0.42	ppb
Molybdenum	95-1	1955.99	1949.85	1961.28	1955.71	0.29	ppb
Molybdenum	96-1	1881.57	1884.78	1907.18	1891.18	0.74	ppb
Molybdenum	97-1	2008.12	1976.02	1990.25	1991.46	0.81	ppb
Molybdenum	98-1	1974.22	1945.01	1957.02	1958.75	0.75	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	22.63	23.07	23.35	23.02	1.57	ppb
Phosphorus	31-2	97654.74	98380.13	96270.25	97435.04	1.10	ppb
Potassium	39-2	98149.90	97302.13	95835.21	97095.75	1.21	ppb
Rhodium	103-1				99		%
Rhodium	103-2				100		%
Scandium	45-1				104		%
Scandium	45-2				105		%
Selenium	77-2	30.59	1.82	24.14	18.85	80.08	ppb
Selenium	78-2	17.04	14.06	17.55	16.22	11.61	ppb
Selenium	82-1	20.85	20.97	20.18	20.67	2.05	ppb
Silicon	28-1	69.54	68.04	69.70	69.09	1.32	ppb
Silver	109-1	18.85	19.03	18.91	18.93	0.49	ppb
Silver	107-1	19.22	18.86	19.29	19.12	1.20	ppb
Sodium	23-2	98496.54	97852.78	96770.87	97706.73	0.89	ppb
Strontium	86-1	76.29	75.28	75.60	75.72	0.68	ppb
Strontium	88-1	76.79	76.97	79.01	77.59	1.59	ppb
Sulfur	34-1	82182.52	79245.40	79882.86	80436.93	1.92	ppb
Terbium	159-1				105		%
Terbium	159-2				105		%
Thallium	203-1	19.86	19.81	20.15	19.94	0.92	ppb
Thallium	205-1	20.22	20.16	20.40	20.26	0.62	ppb
Tin	118-1	42.53	42.68	43.07	42.76	0.65	ppb
Titanium	47-1	2028.94	2059.06	2049.47	2045.82	0.75	ppb
Uranium	238-1	42.65	42.41	42.26	42.44	0.47	ppb
Vanadium	51-2	19.26	19.88	18.92	19.35	2.50	ppb
Yttrium	89-1				104		%
Yttrium	89-2				105		%
Zinc	66-2	30.15	32.98	30.36	31.16	5.07	ppb

LB Number :	LB96823	Operator :	Jaswal
Lab Sample ID :	ICSAB01	Instrumnet Name :	P8
Client Sample ID :	ICSAB01	Dilution Factor :	1
Date & Time Acquired ::	2018-07-23 14:49:04	DataFile Name :	015ICSB.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	90-1	42.37	42.62	42.56	42.51	0.30	ppb
Zirconium	91-1	42.47	41.99	42.77	42.41	0.93	ppb

LB Number :	LB96823	Operator :	Jaswal
Lab Sample ID :	CCV50	Instrumnet Name :	P8
Client Sample ID :	CCV50	Dilution Factor :	1
Date & Time Acquired ::	2018-07-23 14:52:18	DataFile Name :	016CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	50191.84	51544.10	50379.35	50705.10	1.44	ppb
Antimony	121-1	508.15	498.84	499.34	502.11	1.04	ppb
Arsenic	75-2	491.04	500.33	495.90	495.76	0.94	ppb
Barium	135-1	2590.91	2556.56	2532.00	2559.83	1.16	ppb
Barium	137-1	2518.13	2527.28	2498.88	2514.77	0.58	ppb
Beryllium	9-1	500.57	497.38	501.09	499.68	0.40	ppb
Bismuth	209-1				95		%
Bismuth	209-2				96		%
Boron	10-1	494.00	510.92	505.81	503.58	1.72	ppb
Boron	11-1	486.08	502.98	508.67	499.24	2.35	ppb
Cadmium	111-1	488.48	483.80	484.16	485.48	0.54	ppb
Cadmium	106-1	504.90	495.30	494.06	498.09	1.19	ppb
Cadmium	108-1	496.27	496.09	488.74	493.70	0.87	ppb
Calcium	43-1	242282.90	235631.04	235794.39	237902.78	1.59	ppb
Calcium	44-1	240308.43	236524.89	236322.53	237718.61	0.94	ppb
Chromium	52-2	505.71	520.72	507.50	511.31	1.60	ppb
Cobalt	59-2	477.67	489.72	476.15	481.18	1.54	ppb
Copper	63-2	932.27	957.64	931.66	940.52	1.58	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				101		%
Holmium	165-2				104		%
Indium	115-1				98		%
Indium	115-2				100		%
Iron	56-2	124837.64	127660.05	124026.21	125507.96	1.52	ppb
Iron	57-2	123379.25	130090.91	124396.82	125955.66	2.87	ppb
Krypton	83-1						cps
Lead	206-1	510.55	508.88	501.63	507.02	0.93	ppb
Lead	207-1	508.81	497.84	505.47	504.04	1.11	ppb
Lead	208-1	512.70	503.34	501.47	505.84	1.19	ppb
Lithium	6-1				98		%
Magnesium	24-2	246534.46	252713.09	246630.80	248626.11	1.42	ppb

LB Number :	LB96823	Operator :	Jaswal
Lab Sample ID :	CCV50	Instrumnet Name :	P8
Client Sample ID :	CCV50	Dilution Factor :	1
Date & Time Acquired ::	2018-07-23 14:52:18	DataFile Name :	016CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	988.57	1023.12	993.10	1001.60	1.87	ppb
Molybdenum	94-1	2497.38	2497.90	2467.27	2487.51	0.70	ppb
Molybdenum	95-1	2481.60	2470.40	2446.20	2466.06	0.73	ppb
Molybdenum	96-1	2474.39	2485.07	2493.05	2484.17	0.38	ppb
Molybdenum	97-1	2507.71	2505.51	2480.14	2497.79	0.61	ppb
Molybdenum	98-1	2499.55	2506.68	2485.41	2497.21	0.43	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	479.56	496.57	483.72	486.62	1.82	ppb
Phosphorus	31-2	9740.66	10381.93	10079.20	10067.26	3.19	ppb
Potassium	39-2	124442.51	127194.51	123610.04	125082.35	1.50	ppb
Rhodium	103-1				95		%
Rhodium	103-2				96		%
Scandium	45-1				103		%
Scandium	45-2				104		%
Selenium	77-2	447.16	448.46	461.14	452.26	1.71	ppb
Selenium	78-2	504.95	484.66	515.46	501.69	3.12	ppb
Selenium	82-1	492.01	491.43	493.22	492.22	0.19	ppb
Silicon	28-1	489.67	490.42	485.98	488.69	0.49	ppb
Silver	109-1	499.78	497.98	497.28	498.35	0.26	ppb
Silver	107-1	504.46	498.93	501.00	501.46	0.56	ppb
Sodium	23-2	247458.27	256390.68	248027.99	250625.65	2.00	ppb
Strontium	86-1	499.68	503.80	500.18	501.22	0.45	ppb
Strontium	88-1	501.15	504.61	499.54	501.76	0.52	ppb
Sulfur	34-1	9362.73	8958.99	8958.32	9093.35	2.57	ppb
Terbium	159-1				101		%
Terbium	159-2				102		%
Thallium	203-1	508.41	503.91	499.39	503.90	0.90	ppb
Thallium	205-1	506.96	495.64	492.62	498.41	1.52	ppb
Tin	118-1	507.38	504.74	500.29	504.14	0.71	ppb
Titanium	47-1	2503.18	2522.99	2486.11	2504.10	0.74	ppb
Uranium	238-1	511.36	501.74	491.92	501.67	1.94	ppb
Vanadium	51-2	493.71	509.61	494.88	499.40	1.77	ppb
Yttrium	89-1				101		%
Yttrium	89-2				104		%
Zinc	66-2	946.40	969.24	947.56	954.40	1.35	ppb

LB Number :	LB96823	Operator :	Jaswal
Lab Sample ID :	CCV50	Instrumnet Name :	P8
Client Sample ID :	CCV50	Dilution Factor :	1
Date & Time Acquired ::	2018-07-23 14:52:18	DataFile Name :	016CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	90-1	503.66	506.17	503.04	504.29	0.33	ppb
Zirconium	91-1	495.73	500.89	493.89	496.84	0.73	ppb

LB Number : LB96823 Operator : Jaswal
 Lab Sample ID : CCB50 Instrumnet Name : P8
 Client Sample ID : CCB50 Dilution Factor : 1
 Date & Time Acquired :: 2018-07-23 15:09:37 DataFile Name : 018CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	1.18	-0.92	0.14	0.13	792.77	ppb
Antimony	121-1	0.06	0.07	0.07	0.07	7.25	ppb
Arsenic	75-2	-0.02	0.02	-0.06	-0.02		ppb
Barium	135-1	-0.01	-0.01	0.00	-0.01		ppb
Barium	137-1	0.01	0.00	0.03	0.01	110.76	ppb
Beryllium	9-1	0.01	-0.02	0.01	0.00	1413.06	ppb
Bismuth	209-1				102		%
Bismuth	209-2				108		%
Boron	10-1	4.80	4.11	5.33	4.75	12.91	ppb
Boron	11-1	4.08	3.83	3.91	3.94	3.28	ppb
Cadmium	111-1	-0.21	0.02	-0.12	-0.10		ppb
Cadmium	106-1	-2.94	0.20	-1.69	-1.47		ppb
Cadmium	108-1	-0.01	-0.04	0.12	0.03	311.66	ppb
Calcium	43-1	3.56	-2.97	2.54	1.04	336.33	ppb
Calcium	44-1	-2.45	-4.75	-2.17	-3.12		ppb
Chromium	52-2	-0.03	-0.03	-0.05	-0.04		ppb
Cobalt	59-2	-0.01	-0.01	-0.01	-0.01		ppb
Copper	63-2	-0.64	-0.62	-0.55	-0.60		ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				105		%
Holmium	165-2				109		%
Indium	115-1				107		%
Indium	115-2				111		%
Iron	56-2	0.62	0.68	0.45	0.58	20.52	ppb
Iron	57-2	2.02	2.94	0.03	1.67	89.45	ppb
Krypton	83-1						cps
Lead	206-1	0.04	0.04	0.05	0.04	16.22	ppb
Lead	207-1	0.05	0.03	0.03	0.03	38.18	ppb
Lead	208-1	0.03	0.03	0.02	0.03	16.58	ppb
Lithium	6-1				107		%
Magnesium	24-2	-3.35	-1.77	4.61	-0.17		ppb

LB Number :	LB96823	Operator :	Jaswal
Lab Sample ID :	CCB50	Instrumnet Name :	P8
Client Sample ID :	CCB50	Dilution Factor :	1
Date & Time Acquired ::	2018-07-23 15:09:37	DataFile Name :	018CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	-0.12	-0.16	-0.19	-0.16		ppb
Molybdenum	94-1	0.13	0.04	0.13	0.10	49.96	ppb
Molybdenum	95-1	0.14	0.12	0.10	0.12	17.81	ppb
Molybdenum	96-1	0.11	0.10	0.13	0.11	14.91	ppb
Molybdenum	97-1	0.13	0.10	0.10	0.11	15.94	ppb
Molybdenum	98-1	0.11	0.10	0.13	0.12	14.39	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	-1.21	-1.17	-1.05	-1.14		ppb
Phosphorus	31-2	-11.98	9.34	-11.98	-4.87		ppb
Potassium	39-2	25.44	17.74	32.60	25.26	29.41	ppb
Rhodium	103-1				107		%
Rhodium	103-2				109		%
Scandium	45-1				109		%
Scandium	45-2				113		%
Selenium	77-2	-3.88	-3.88	-3.88	-3.88		ppb
Selenium	78-2	-0.33	-0.33	1.46	0.27	385.32	ppb
Selenium	82-1	0.14	-0.20	-0.57	-0.21		ppb
Silicon	28-1	-13.39	-12.24	-12.07	-12.57		ppb
Silver	109-1	0.01	0.02	0.02	0.02	20.33	ppb
Silver	107-1	0.01	0.01	0.02	0.01	37.66	ppb
Sodium	23-2	29.71	36.83	46.69	37.75	22.59	ppb
Strontium	86-1	-0.01	0.01	-0.06	-0.02		ppb
Strontium	88-1	0.00	0.00	0.00	0.00	159.45	ppb
Sulfur	34-1	-1860.79	-1645.53	-1290.27	-1598.86		ppb
Terbium	159-1				105		%
Terbium	159-2				109		%
Thallium	203-1	0.04	0.04	0.04	0.04	8.06	ppb
Thallium	205-1	0.04	0.04	0.04	0.04	7.44	ppb
Tin	118-1	-0.03	-0.02	-0.03	-0.03		ppb
Titanium	47-1	0.00	-0.02	0.03	0.00		ppb
Uranium	238-1	0.00	-0.01	0.00	0.00		ppb
Vanadium	51-2	0.01	0.00	0.01	0.01	79.03	ppb
Yttrium	89-1				107		%
Yttrium	89-2				112		%
Zinc	66-2	0.19	-0.26	-0.09	-0.05		ppb

LB Number :	LB96823	Operator :	Jaswal
Lab Sample ID :	CCB50	Instrumnet Name :	P8
Client Sample ID :	CCB50	Dilution Factor :	1
Date & Time Acquired ::	2018-07-23 15:09:37	DataFile Name :	018CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	90-1	0.01	0.01	0.02	0.01	39.99	ppb
Zirconium	91-1	0.03	0.01	0.05	0.03	75.19	ppb

LB Number :	LB96823	Operator :	Jaswal
Lab Sample ID :	CRI	Instrumnet Name :	P8
Client Sample ID :	CRI	Dilution Factor :	1
Date & Time Acquired ::	2018-07-23 15:17:43	DataFile Name :	019SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	21.37	13.28	14.17	16.28	27.27	ppb
Antimony	121-1	2.01	2.04	2.00	2.02	1.03	ppb
Arsenic	75-2	0.89	1.18	0.94	1.00	15.37	ppb
Barium	135-1	9.80	9.93	9.79	9.84	0.80	ppb
Barium	137-1	9.73	10.06	9.86	9.88	1.68	ppb
Beryllium	9-1	1.07	1.03	0.97	1.02	4.92	ppb
Bismuth	209-1				102		%
Bismuth	209-2				106		%
Boron	10-1	23.09	23.12	26.59	24.27	8.27	ppb
Boron	11-1	23.82	25.25	26.26	25.11	4.87	ppb
Cadmium	111-1	0.83	0.80	0.87	0.83	4.33	ppb
Cadmium	106-1	-1.44	-0.28	-0.47	-0.73		ppb
Cadmium	108-1	1.17	1.20	0.87	1.08	17.22	ppb
Calcium	43-1	478.63	478.64	470.93	476.07	0.93	ppb
Calcium	44-1	451.57	462.18	453.53	455.76	1.24	ppb
Chromium	52-2	2.05	2.09	1.83	1.99	7.00	ppb
Cobalt	59-2	0.99	0.98	0.87	0.95	6.76	ppb
Copper	63-2	1.37	1.40	1.44	1.41	2.61	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				104		%
Holmium	165-2				108		%
Indium	115-1				106		%
Indium	115-2				109		%
Iron	56-2	53.50	53.97	49.82	52.43	4.34	ppb
Iron	57-2	58.82	50.86	43.41	51.03	15.10	ppb
Krypton	83-1						cps
Lead	206-1	0.95	1.01	0.93	0.97	4.37	ppb
Lead	207-1	0.96	1.01	0.90	0.96	5.97	ppb
Lead	208-1	0.97	0.99	0.94	0.97	2.57	ppb
Lithium	6-1				107		%
Magnesium	24-2	495.69	476.67	475.99	482.78	2.32	ppb

LB Number :	LB96823	Operator :	Jaswal
Lab Sample ID :	CRI	Instrumnet Name :	P8
Client Sample ID :	CRI	Dilution Factor :	1
Date & Time Acquired ::	2018-07-23 15:17:43	DataFile Name :	019SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	0.73	1.09	0.80	0.87	21.50	ppb
Molybdenum	94-1	4.67	4.90	4.95	4.84	3.13	ppb
Molybdenum	95-1	4.87	4.73	4.88	4.83	1.75	ppb
Molybdenum	96-1	4.73	4.72	4.85	4.77	1.52	ppb
Molybdenum	97-1	4.67	4.77	4.72	4.72	1.00	ppb
Molybdenum	98-1	4.55	4.82	4.56	4.64	3.22	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	-0.14	0.14	-0.08	-0.03		ppb
Phosphorus	31-2	9.81	10.19	9.13	9.71	5.54	ppb
Potassium	39-2	530.52	536.72	497.45	521.56	4.05	ppb
Rhodium	103-1				106		%
Rhodium	103-2				106		%
Scandium	45-1				109		%
Scandium	45-2				110		%
Selenium	77-2	1.62	-3.88	6.87	1.53	350.51	ppb
Selenium	78-2	8.92	9.87	4.19	7.66	39.76	ppb
Selenium	82-1	5.12	5.08	4.43	4.88	7.93	ppb
Silicon	28-1	2.46	4.46	3.84	3.59	28.56	ppb
Silver	109-1	0.99	1.05	1.03	1.03	2.90	ppb
Silver	107-1	1.05	0.98	1.11	1.05	6.05	ppb
Sodium	23-2	544.96	529.58	525.39	533.31	1.93	ppb
Strontium	86-1	0.98	1.10	1.06	1.05	5.87	ppb
Strontium	88-1	0.95	0.99	1.04	0.99	4.31	ppb
Sulfur	34-1	-1510.16	-1064.14	-1401.05	-1325.12		ppb
Terbium	159-1				105		%
Terbium	159-2				107		%
Thallium	203-1	1.00	1.02	0.89	0.97	7.04	ppb
Thallium	205-1	0.94	1.03	1.00	0.99	4.68	ppb
Tin	118-1	4.94	4.79	4.86	4.86	1.60	ppb
Titanium	47-1	4.94	4.75	5.07	4.92	3.27	ppb
Uranium	238-1	0.90	0.89	0.90	0.90	0.75	ppb
Vanadium	51-2	5.02	5.05	4.49	4.85	6.44	ppb
Yttrium	89-1				108		%
Yttrium	89-2				109		%
Zinc	66-2	1.90	2.16	2.11	2.06	6.79	ppb

LB Number :	LB96823	Operator :	Jaswal
Lab Sample ID :	CRI	Instrumnet Name :	P8
Client Sample ID :	CRI	Dilution Factor :	1
Date & Time Acquired ::	2018-07-23 15:17:43	DataFile Name :	019SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	90-1	1.07	1.03	1.08	1.06	2.50	ppb
Zirconium	91-1	1.05	1.03	0.98	1.02	3.57	ppb

LB Number : LB96823 Operator : Jaswal
 Lab Sample ID : PB111294BL Instrumnet Name : P8
 Client Sample ID : PB111294BL Dilution Factor : 1
 Date & Time Acquired :: 2018-07-23 15:21:03 DataFile Name : 020CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	-0.34	0.72	0.23	0.20	259.71	ppb
Antimony	121-1	0.03	0.02	0.03	0.03	9.35	ppb
Arsenic	75-2	-0.08	-0.02	-0.10	-0.06		ppb
Barium	135-1	0.00	0.03	0.00	0.01	300.71	ppb
Barium	137-1	0.00	0.01	-0.01	0.00	1050.85	ppb
Beryllium	9-1	-0.02	0.04	0.01	0.01	284.46	ppb
Bismuth	209-1				96		%
Bismuth	209-2				103		%
Boron	10-1	4.62	3.23	4.27	4.04	17.81	ppb
Boron	11-1	3.85	3.92	4.13	3.97	3.70	ppb
Cadmium	111-1	0.03	0.05	-0.12	-0.01		ppb
Cadmium	106-1	0.37	0.61	-1.76	-0.26		ppb
Cadmium	108-1	0.00	0.00	-0.03	-0.01		ppb
Calcium	43-1	2.19	3.22	1.71	2.38	32.49	ppb
Calcium	44-1	0.31	0.19	-3.10	-0.87		ppb
Chromium	52-2	0.00	0.00	-0.02	0.00		ppb
Cobalt	59-2	0.00	0.01	0.01	0.01	136.18	ppb
Copper	63-2	-0.50	-0.49	-0.49	-0.50		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				99		%
Holmium	165-2				106		%
Indium	115-1				101		%
Indium	115-2				106		%
Iron	56-2	0.43	0.47	0.41	0.44	7.72	ppb
Iron	57-2	0.53	3.37	-0.31	1.20	161.56	ppb
Krypton	83-1						cps
Lead	206-1	0.02	0.03	0.03	0.02	22.05	ppb
Lead	207-1	0.01	0.01	0.04	0.02	91.92	ppb
Lead	208-1	0.01	0.02	0.02	0.02	39.96	ppb
Lithium	6-1				102		%
Magnesium	24-2	1.87	-2.29	2.75	0.77	347.76	ppb

LB Number : LB96823 Operator : Jaswal
 Lab Sample ID : PB111294BL Instrumnet Name : P8
 Client Sample ID : PB111294BL Dilution Factor : 1
 Date & Time Acquired :: 2018-07-23 15:21:03 DataFile Name : 020CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	-0.15	-0.30	-0.10	-0.18		ppb
Molybdenum	94-1	0.14	0.11	0.11	0.12	15.83	ppb
Molybdenum	95-1	0.05	0.06	0.03	0.05	29.94	ppb
Molybdenum	96-1	0.06	0.07	0.03	0.05	37.81	ppb
Molybdenum	97-1	0.06	0.05	0.06	0.06	11.11	ppb
Molybdenum	98-1	0.06	0.05	0.06	0.05	9.58	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	-1.13	-1.02	-0.90	-1.02		ppb
Phosphorus	31-2	-11.98	9.39	9.96	2.45	509.50	ppb
Potassium	39-2	18.20	17.59	2.53	12.78	69.49	ppb
Rhodium	103-1				101		%
Rhodium	103-2				105		%
Scandium	45-1				104		%
Scandium	45-2				110		%
Selenium	77-2	-3.88	-3.88	-3.88	-3.88		ppb
Selenium	78-2	0.60	1.50	-0.33	0.59	154.51	ppb
Selenium	82-1	-0.21	0.44	-0.28	-0.02		ppb
Silicon	28-1	-3.36	-2.79	-2.05	-2.73		ppb
Silver	109-1	0.01	0.01	0.01	0.01	34.61	ppb
Silver	107-1	0.01	0.01	0.00	0.01	97.00	ppb
Sodium	23-2	33.18	29.32	37.04	33.18	11.63	ppb
Strontium	86-1	0.03	0.00	0.01	0.01	114.42	ppb
Strontium	88-1	0.00	0.00	0.00	0.00		ppb
Sulfur	34-1	-367.96	-232.16	-192.91	-264.34		ppb
Terbium	159-1				100		%
Terbium	159-2				105		%
Thallium	203-1	0.01	0.03	0.02	0.02	38.56	ppb
Thallium	205-1	0.03	0.03	0.02	0.03	13.27	ppb
Tin	118-1	0.07	0.06	0.07	0.07	9.43	ppb
Titanium	47-1	-0.04	0.05	-0.05	-0.01		ppb
Uranium	238-1	0.00	0.00	-0.01	0.00		ppb
Vanadium	51-2	0.01	0.00	0.01	0.01	162.63	ppb
Yttrium	89-1				102		%
Yttrium	89-2				108		%
Zinc	66-2	-0.26	-0.41	-0.21	-0.30		ppb

LB Number :	LB96823	Operator :	Jaswal
Lab Sample ID :	PB111294BL	Instrumnet Name :	P8
Client Sample ID :	PB111294BL	Dilution Factor :	1
Date & Time Acquired ::	2018-07-23 15:21:03	DataFile Name :	020CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	90-1	0.05	0.05	0.03	0.04	27.42	ppb
Zirconium	91-1	0.11	0.07	0.08	0.09	24.17	ppb

LB Number :	LB96823	Operator :	Jaswal
Lab Sample ID :	PB111294BS	Instrumnet Name :	P8
Client Sample ID :	PB111294BS	Dilution Factor :	1
Date & Time Acquired ::	2018-07-23 15:24:23	DataFile Name :	021LCS6.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	39.73	33.46	37.92	37.04	8.72	ppb
Antimony	121-1	4.00	3.87	4.12	4.00	3.14	ppb
Arsenic	75-2	1.80	1.72	1.67	1.73	3.80	ppb
Barium	135-1	19.10	19.86	19.81	19.59	2.17	ppb
Barium	137-1	19.75	19.26	20.38	19.80	2.82	ppb
Beryllium	9-1	2.02	1.98	1.86	1.95	4.38	ppb
Bismuth	209-1				97		%
Bismuth	209-2				104		%
Boron	10-1	44.13	50.14	49.01	47.76	6.69	ppb
Boron	11-1	45.66	48.14	49.45	47.75	4.03	ppb
Cadmium	111-1	1.87	2.02	2.14	2.01	6.70	ppb
Cadmium	106-1	0.66	1.25	2.21	1.37	57.00	ppb
Cadmium	108-1	2.15	1.90	2.22	2.09	8.02	ppb
Calcium	43-1	875.32	930.88	949.83	918.68	4.22	ppb
Calcium	44-1	899.53	904.52	927.14	910.40	1.62	ppb
Chromium	52-2	3.90	4.12	3.96	3.99	2.83	ppb
Cobalt	59-2	1.96	1.95	1.91	1.94	1.29	ppb
Copper	63-2	3.13	3.35	3.36	3.28	3.93	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				99		%
Holmium	165-2				106		%
Indium	115-1				101		%
Indium	115-2				106		%
Iron	56-2	465.73	464.61	459.87	463.40	0.67	ppb
Iron	57-2	455.43	455.14	465.13	458.57	1.24	ppb
Krypton	83-1						cps
Lead	206-1	1.92	1.90	2.03	1.95	3.61	ppb
Lead	207-1	1.84	1.92	1.92	1.89	2.58	ppb
Lead	208-1	1.90	1.88	1.96	1.91	2.31	ppb
Lithium	6-1				101		%
Magnesium	24-2	920.28	938.08	927.75	928.70	0.96	ppb

LB Number :	LB96823	Operator :	Jaswal
Lab Sample ID :	PB111294BS	Instrumnet Name :	P8
Client Sample ID :	PB111294BS	Dilution Factor :	1
Date & Time Acquired ::	2018-07-23 15:24:23	DataFile Name :	021LCS6.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	1.67	1.83	1.67	1.72	5.45	ppb
Molybdenum	94-1	9.83	9.78	9.83	9.81	0.32	ppb
Molybdenum	95-1	9.54	9.24	9.76	9.51	2.75	ppb
Molybdenum	96-1	9.59	9.36	9.44	9.46	1.27	ppb
Molybdenum	97-1	9.39	9.44	9.45	9.43	0.36	ppb
Molybdenum	98-1	9.27	9.24	9.46	9.32	1.28	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.82	1.36	0.92	1.03	27.57	ppb
Phosphorus	31-2	-11.98	-11.98	9.72	-4.75		ppb
Potassium	39-2	922.68	985.90	947.40	951.99	3.35	ppb
Rhodium	103-1				101		%
Rhodium	103-2				105		%
Scandium	45-1				104		%
Scandium	45-2				109		%
Selenium	77-2	7.32	7.32	7.03	7.22	2.33	ppb
Selenium	78-2	10.95	2.50	7.00	6.81	62.08	ppb
Selenium	82-1	9.26	9.62	9.30	9.39	2.14	ppb
Silicon	28-1	25.70	25.83	29.16	26.90	7.29	ppb
Silver	109-1	1.99	1.98	2.07	2.01	2.53	ppb
Silver	107-1	1.95	2.02	2.13	2.03	4.26	ppb
Sodium	23-2	1013.21	1013.28	990.16	1005.55	1.33	ppb
Strontium	86-1	1.93	1.90	1.90	1.91	0.86	ppb
Strontium	88-1	1.92	1.92	2.00	1.95	2.35	ppb
Sulfur	34-1	-304.13	-501.58	27.47	-259.42		ppb
Terbium	159-1				99		%
Terbium	159-2				106		%
Thallium	203-1	1.88	1.90	2.04	1.94	4.69	ppb
Thallium	205-1	1.93	1.91	1.99	1.94	2.10	ppb
Tin	118-1	9.53	9.99	10.20	9.90	3.46	ppb
Titanium	47-1	9.41	9.65	9.76	9.61	1.85	ppb
Uranium	238-1	1.78	1.78	1.87	1.81	2.73	ppb
Vanadium	51-2	8.93	9.45	8.68	9.02	4.36	ppb
Yttrium	89-1				103		%
Yttrium	89-2				108		%
Zinc	66-2	3.67	4.34	4.07	4.03	8.28	ppb

LB Number :	LB96823	Operator :	Jaswal
Lab Sample ID :	PB111294BS	Instrumnet Name :	P8
Client Sample ID :	PB111294BS	Dilution Factor :	1
Date & Time Acquired ::	2018-07-23 15:24:23	DataFile Name :	021LCS6.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	90-1	2.17	2.11	2.16	2.14	1.50	ppb
Zirconium	91-1	2.25	2.03	2.24	2.17	5.67	ppb

LB Number :	LB96823	Operator :	Jaswal
Lab Sample ID :	J3972-01RE	Instrumnet Name :	P8
Client Sample ID :	MA4Z31RE	Dilution Factor :	1
Date & Time Acquired ::	2018-07-23 15:27:43	DataFile Name :	022SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	647.75	615.81	587.09	616.89	4.92	ppb
Antimony	121-1	5.90	5.97	5.96	5.94	0.63	ppb
Arsenic	75-2	2.52	3.55	3.07	3.04	16.82	ppb
Barium	135-1	31.36	32.30	31.22	31.62	1.86	ppb
Barium	137-1	30.97	31.44	30.39	30.94	1.70	ppb
Beryllium	9-1	12.13	12.60	12.10	12.28	2.29	ppb
Bismuth	209-1				96		%
Bismuth	209-2				102		%
Boron	10-1	4.49	4.52	3.85	4.29	8.82	ppb
Boron	11-1	4.51	5.01	4.51	4.68	6.21	ppb
Cadmium	111-1	0.03	-0.06	-0.12	-0.05		ppb
Cadmium	106-1	0.38	-0.93	-1.56	-0.70		ppb
Cadmium	108-1	-0.07	-0.06	0.10	-0.01		ppb
Calcium	43-1	455.39	489.72	429.17	458.09	6.63	ppb
Calcium	44-1	436.13	448.35	423.39	435.96	2.86	ppb
Chromium	52-2	9.60	10.10	9.99	9.90	2.67	ppb
Cobalt	59-2	3.92	3.81	3.90	3.88	1.62	ppb
Copper	63-2	8.52	8.40	7.98	8.30	3.39	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				105		%
Indium	115-1				100		%
Indium	115-2				105		%
Iron	56-2	772.05	769.59	756.84	766.16	1.07	ppb
Iron	57-2	745.45	717.82	733.32	732.20	1.89	ppb
Krypton	83-1						cps
Lead	206-1	2.97	2.99	2.90	2.95	1.53	ppb
Lead	207-1	2.62	2.88	2.63	2.71	5.40	ppb
Lead	208-1	2.82	2.97	2.81	2.87	3.02	ppb
Lithium	6-1				101		%
Magnesium	24-2	242.74	266.79	248.57	252.70	4.97	ppb

LB Number :	LB96823	Operator :	Jaswal
Lab Sample ID :	J3972-01RE	Instrumnet Name :	P8
Client Sample ID :	MA4Z31RE	Dilution Factor :	1
Date & Time Acquired ::	2018-07-23 15:27:43	DataFile Name :	022SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	2.97	3.02	2.74	2.91	5.09	ppb
Molybdenum	94-1	0.05	0.06	0.07	0.06	15.23	ppb
Molybdenum	95-1	0.03	0.02	0.03	0.03	12.25	ppb
Molybdenum	96-1	0.03	0.02	0.03	0.02	27.09	ppb
Molybdenum	97-1	0.05	0.06	0.04	0.05	19.12	ppb
Molybdenum	98-1	0.04	0.03	0.03	0.03	23.68	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	2.91	2.85	2.58	2.78	6.26	ppb
Phosphorus	31-2	-11.98	-11.98	-11.98	-11.98		ppb
Potassium	39-2	543.43	536.88	497.32	525.88	4.74	ppb
Rhodium	103-1				101		%
Rhodium	103-2				103		%
Scandium	45-1				103		%
Scandium	45-2				107		%
Selenium	77-2	1.74	1.76	1.74	1.74	0.93	ppb
Selenium	78-2	18.57	14.86	11.95	15.13	21.92	ppb
Selenium	82-1	14.63	15.38	15.14	15.05	2.55	ppb
Silicon	28-1	0.69	3.05	-1.99	0.59	430.93	ppb
Silver	109-1	5.32	5.45	5.13	5.30	3.02	ppb
Silver	107-1	5.24	5.47	5.31	5.34	2.23	ppb
Sodium	23-2	499.75	483.89	486.50	490.05	1.73	ppb
Strontium	86-1	0.02	0.05	0.05	0.04	48.91	ppb
Strontium	88-1	0.03	0.03	0.03	0.03	9.89	ppb
Sulfur	34-1	-114.08	47.17	-583.01	-216.64		ppb
Terbium	159-1				99		%
Terbium	159-2				104		%
Thallium	203-1	5.98	6.17	5.66	5.94	4.31	ppb
Thallium	205-1	5.94	6.25	5.79	5.99	3.85	ppb
Tin	118-1	-0.03	-0.01	-0.03	-0.02		ppb
Titanium	47-1	-0.02	0.00	0.04	0.01	306.84	ppb
Uranium	238-1	-0.01	-0.01	0.00	0.00		ppb
Vanadium	51-2	6.90	6.82	7.00	6.91	1.29	ppb
Yttrium	89-1				102		%
Yttrium	89-2				106		%
Zinc	66-2	11.06	9.34	9.67	10.02	9.10	ppb

LB Number :	LB96823	Operator :	Jaswal
Lab Sample ID :	J3972-01RE	Instrumnet Name :	P8
Client Sample ID :	MA4Z31RE	Dilution Factor :	1
Date & Time Acquired ::	2018-07-23 15:27:43	DataFile Name :	022SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	90-1	0.02	0.02	0.04	0.03	42.91	ppb
Zirconium	91-1	0.02	0.04	0.03	0.03	28.12	ppb

LB Number :	LB96823	Operator :	Jaswal
Lab Sample ID :	J3972-04	Instrumnet Name :	P8
Client Sample ID :	MA4Z34	Dilution Factor :	1
Date & Time Acquired ::	2018-07-23 15:31:04	DataFile Name :	023SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	41.67	47.43	31.38	40.16	20.25	ppb
Antimony	121-1	2.71	2.51	2.67	2.63	4.04	ppb
Arsenic	75-2	4.32	4.69	4.59	4.53	4.25	ppb
Barium	135-1	3.37	3.38	3.27	3.34	1.75	ppb
Barium	137-1	3.08	3.12	3.27	3.16	3.22	ppb
Beryllium	9-1	-0.03	0.00	-0.01	-0.01		ppb
Bismuth	209-1				105		%
Bismuth	209-2				109		%
Boron	10-1	14.52	11.79	16.29	14.20	15.99	ppb
Boron	11-1	14.15	14.34	14.32	14.27	0.74	ppb
Cadmium	111-1	-0.14	-0.15	-0.05	-0.11		ppb
Cadmium	106-1	-2.24	-2.31	-1.66	-2.07		ppb
Cadmium	108-1	0.24	0.41	0.14	0.26	51.34	ppb
Calcium	43-1	11264.05	10961.44	11217.76	11147.75	1.46	ppb
Calcium	44-1	11432.34	11033.53	11323.70	11263.19	1.83	ppb
Chromium	52-2	13.05	13.37	13.29	13.24	1.24	ppb
Cobalt	59-2	0.21	0.24	0.19	0.22	12.54	ppb
Copper	63-2	1.23	1.06	1.16	1.15	7.48	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				108		%
Holmium	165-2				111		%
Indium	115-1				109		%
Indium	115-2				111		%
Iron	56-2	8862.08	8993.92	8973.03	8943.01	0.79	ppb
Iron	57-2	8725.68	8808.77	8699.14	8744.53	0.65	ppb
Krypton	83-1						cps
Lead	206-1	0.34	0.29	0.27	0.30	11.87	ppb
Lead	207-1	0.26	0.25	0.29	0.27	6.88	ppb
Lead	208-1	0.29	0.27	0.27	0.28	4.23	ppb
Lithium	6-1				109		%
Magnesium	24-2	3918.96	4020.57	4003.12	3980.88	1.36	ppb

LB Number :	LB96823	Operator :	Jaswal
Lab Sample ID :	J3972-04	Instrumnet Name :	P8
Client Sample ID :	MA4Z34	Dilution Factor :	1
Date & Time Acquired ::	2018-07-23 15:31:04	DataFile Name :	023SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	44.29	45.35	44.58	44.74	1.22	ppb
Molybdenum	94-1	32.15	31.83	31.86	31.95	0.56	ppb
Molybdenum	95-1	45.01	44.98	45.34	45.11	0.44	ppb
Molybdenum	96-1	43.22	43.34	43.09	43.22	0.29	ppb
Molybdenum	97-1	45.88	44.84	44.84	45.19	1.33	ppb
Molybdenum	98-1	45.86	45.43	45.38	45.56	0.57	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.74	0.76	0.84	0.78	6.48	ppb
Phosphorus	31-2	29.74	30.57	-11.98	16.11	151.04	ppb
Potassium	39-2	12336.06	12315.71	12360.01	12337.26	0.18	ppb
Rhodium	103-1				108		%
Rhodium	103-2				110		%
Scandium	45-1				111		%
Scandium	45-2				113		%
Selenium	77-2	-3.88	-3.88	-3.88	-3.88		ppb
Selenium	78-2	3.26	2.38	1.48	2.38	37.37	ppb
Selenium	82-1	0.62	0.75	1.07	0.81	28.61	ppb
Silicon	28-1	3899.61	3747.13	3810.66	3819.14	2.01	ppb
Silver	109-1	0.10	0.14	0.16	0.14	20.65	ppb
Silver	107-1	0.11	0.14	0.15	0.13	14.00	ppb
Sodium	23-2	19132.24	19224.72	19160.04	19172.33	0.25	ppb
Strontium	86-1	100.39	100.48	99.48	100.12	0.55	ppb
Strontium	88-1	104.91	102.24	103.19	103.45	1.31	ppb
Sulfur	34-1	8843.40	7848.74	8587.79	8426.65	6.13	ppb
Terbium	159-1				108		%
Terbium	159-2				111		%
Thallium	203-1	0.10	0.10	0.11	0.10	8.06	ppb
Thallium	205-1	0.12	0.11	0.10	0.11	11.44	ppb
Tin	118-1	0.11	0.07	0.08	0.09	25.11	ppb
Titanium	47-1	0.90	0.95	1.26	1.03	18.93	ppb
Uranium	238-1	7.37	7.24	7.45	7.35	1.46	ppb
Vanadium	51-2	4.17	4.24	4.25	4.22	1.06	ppb
Yttrium	89-1				110		%
Yttrium	89-2				111		%
Zinc	66-2	14.59	12.40	13.07	13.35	8.39	ppb

LB Number :	LB96823	Operator :	Jaswal
Lab Sample ID :	J3972-04	Instrumnet Name :	P8
Client Sample ID :	MA4Z34	Dilution Factor :	1
Date & Time Acquired ::	2018-07-23 15:31:04	DataFile Name :	023SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	90-1	0.07	0.07	0.07	0.07	5.14	ppb
Zirconium	91-1	0.09	0.03	0.07	0.06	45.90	ppb

LB Number :	LB96823	Operator :	Jaswal
Lab Sample ID :	J3972-05	Instrumnet Name :	P8
Client Sample ID :	MA4Z35	Dilution Factor :	1
Date & Time Acquired ::	2018-07-23 15:34:22	DataFile Name :	024SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	47.65	52.78	58.66	53.03	10.39	ppb
Antimony	121-1	10.17	9.98	10.29	10.15	1.50	ppb
Arsenic	75-2	15.45	15.36	16.79	15.87	5.04	ppb
Barium	135-1	1.61	1.59	1.68	1.63	2.88	ppb
Barium	137-1	1.73	1.66	1.67	1.69	2.26	ppb
Beryllium	9-1	-0.02	0.00	0.00	-0.01		ppb
Bismuth	209-1				110		%
Bismuth	209-2				109		%
Boron	10-1	14.80	15.23	17.50	15.84	9.15	ppb
Boron	11-1	15.56	15.77	16.19	15.84	2.05	ppb
Cadmium	111-1	-0.02	-0.14	-0.19	-0.12		ppb
Cadmium	106-1	-1.04	-2.46	-2.78	-2.09		ppb
Cadmium	108-1	0.14	0.05	0.23	0.14	65.45	ppb
Calcium	43-1	17592.92	17747.10	17671.75	17670.59	0.44	ppb
Calcium	44-1	17452.36	17889.81	17736.05	17692.74	1.25	ppb
Chromium	52-2	1.22	1.22	1.15	1.20	3.03	ppb
Cobalt	59-2	0.39	0.31	0.35	0.35	10.94	ppb
Copper	63-2	0.44	0.54	0.43	0.47	12.67	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				111		%
Holmium	165-2				111		%
Indium	115-1				110		%
Indium	115-2				108		%
Iron	56-2	1784.49	1755.48	1775.63	1771.87	0.84	ppb
Iron	57-2	1734.34	1759.63	1735.68	1743.21	0.82	ppb
Krypton	83-1						cps
Lead	206-1	0.25	0.21	0.25	0.24	9.48	ppb
Lead	207-1	0.21	0.19	0.22	0.21	8.58	ppb
Lead	208-1	0.23	0.22	0.23	0.23	4.09	ppb
Lithium	6-1				109		%
Magnesium	24-2	5233.70	5144.71	5225.80	5201.41	0.95	ppb

LB Number :	LB96823	Operator :	Jaswal
Lab Sample ID :	J3972-05	Instrumnet Name :	P8
Client Sample ID :	MA4Z35	Dilution Factor :	1
Date & Time Acquired ::	2018-07-23 15:34:22	DataFile Name :	024SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	15.38	15.96	15.56	15.63	1.91	ppb
Molybdenum	94-1	10.42	10.68	10.73	10.61	1.57	ppb
Molybdenum	95-1	14.91	14.97	14.95	14.94	0.22	ppb
Molybdenum	96-1	14.43	14.40	14.82	14.55	1.60	ppb
Molybdenum	97-1	14.68	15.16	14.95	14.93	1.63	ppb
Molybdenum	98-1	14.89	15.01	14.85	14.92	0.58	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	2.35	2.06	2.79	2.40	15.42	ppb
Phosphorus	31-2	32.22	-11.98	54.62	24.95	135.82	ppb
Potassium	39-2	3556.75	3411.12	3588.47	3518.78	2.69	ppb
Rhodium	103-1				110		%
Rhodium	103-2				108		%
Scandium	45-1				112		%
Scandium	45-2				108		%
Selenium	77-2	-3.88	1.57	-3.88	-2.07		ppb
Selenium	78-2	1.51	0.59	1.53	1.21	44.52	ppb
Selenium	82-1	1.46	0.26	0.16	0.63	115.03	ppb
Silicon	28-1	4593.53	4629.52	4614.95	4612.67	0.39	ppb
Silver	109-1	0.24	0.26	0.24	0.25	5.01	ppb
Silver	107-1	0.21	0.23	0.27	0.23	13.07	ppb
Sodium	23-2	28367.67	28131.04	28215.29	28238.00	0.42	ppb
Strontium	86-1	69.97	70.18	69.07	69.74	0.85	ppb
Strontium	88-1	70.80	72.56	71.29	71.55	1.27	ppb
Sulfur	34-1	107.71	319.31	200.62	209.22	50.70	ppb
Terbium	159-1				111		%
Terbium	159-2				111		%
Thallium	203-1	0.08	0.10	0.10	0.09	12.60	ppb
Thallium	205-1	0.10	0.09	0.08	0.09	7.49	ppb
Tin	118-1	0.08	0.05	0.04	0.06	29.49	ppb
Titanium	47-1	1.27	1.15	1.39	1.27	9.41	ppb
Uranium	238-1	28.34	28.00	28.45	28.26	0.84	ppb
Vanadium	51-2	2.91	2.83	3.19	2.98	6.51	ppb
Yttrium	89-1				111		%
Yttrium	89-2				109		%
Zinc	66-2	9.59	8.41	9.59	9.20	7.37	ppb

LB Number :	LB96823	Operator :	Jaswal
Lab Sample ID :	J3972-05	Instrumnet Name :	P8
Client Sample ID :	MA4Z35	Dilution Factor :	1
Date & Time Acquired ::	2018-07-23 15:34:22	DataFile Name :	024SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	90-1	0.04	0.06	0.06	0.06	19.22	ppb
Zirconium	91-1	0.11	0.08	0.08	0.09	21.88	ppb

LB Number :	LB96823	Operator :	Jaswal
Lab Sample ID :	J3972-06	Instrumnet Name :	P8
Client Sample ID :	MA4Z36	Dilution Factor :	1
Date & Time Acquired ::	2018-07-23 15:37:41	DataFile Name :	025SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	99.20	105.00	106.31	103.50	3.66	ppb
Antimony	121-1	4.91	5.14	5.06	5.04	2.31	ppb
Arsenic	75-2	6.22	5.59	5.35	5.72	7.76	ppb
Barium	135-1	4.17	4.20	3.83	4.06	5.05	ppb
Barium	137-1	4.02	4.31	4.09	4.14	3.60	ppb
Beryllium	9-1	-0.01	-0.03	-0.01	-0.02		ppb
Bismuth	209-1				109		%
Bismuth	209-2				108		%
Boron	10-1	13.33	13.74	14.82	13.96	5.53	ppb
Boron	11-1	13.82	14.06	13.95	13.94	0.84	ppb
Cadmium	111-1	-0.25	-0.14	-0.07	-0.15		ppb
Cadmium	106-1	-3.68	-2.25	-1.65	-2.53		ppb
Cadmium	108-1	0.20	0.02	0.05	0.09	105.76	ppb
Calcium	43-1	37598.88	37881.74	37614.49	37698.37	0.42	ppb
Calcium	44-1	37145.60	37912.37	37454.00	37503.99	1.03	ppb
Chromium	52-2	1.46	1.27	1.38	1.37	7.00	ppb
Cobalt	59-2	0.19	0.20	0.21	0.20	3.45	ppb
Copper	63-2	0.42	0.49	0.44	0.45	7.46	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				110		%
Holmium	165-2				110		%
Indium	115-1				110		%
Indium	115-2				107		%
Iron	56-2	125.09	129.46	123.63	126.06	2.41	ppb
Iron	57-2	126.85	133.45	131.76	130.69	2.62	ppb
Krypton	83-1						cps
Lead	206-1	0.14	0.16	0.15	0.15	7.35	ppb
Lead	207-1	0.14	0.13	0.14	0.14	3.52	ppb
Lead	208-1	0.14	0.14	0.13	0.14	3.54	ppb
Lithium	6-1				107		%
Magnesium	24-2	6514.13	6437.51	6193.55	6381.73	2.62	ppb

LB Number :	LB96823	Operator :	Jaswal
Lab Sample ID :	J3972-06	Instrumnet Name :	P8
Client Sample ID :	MA4Z36	Dilution Factor :	1
Date & Time Acquired ::	2018-07-23 15:37:41	DataFile Name :	025SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	5.32	6.45	5.29	5.69	11.63	ppb
Molybdenum	94-1	3.89	3.72	3.86	3.83	2.32	ppb
Molybdenum	95-1	5.03	5.15	5.26	5.15	2.25	ppb
Molybdenum	96-1	4.95	5.11	5.03	5.03	1.66	ppb
Molybdenum	97-1	5.18	5.40	5.29	5.29	2.05	ppb
Molybdenum	98-1	5.29	5.17	5.30	5.25	1.35	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.43	0.65	0.27	0.45	42.10	ppb
Phosphorus	31-2	56.34	34.32	10.57	33.74	67.84	ppb
Potassium	39-2	3075.03	3049.64	3013.79	3046.15	1.01	ppb
Rhodium	103-1				108		%
Rhodium	103-2				106		%
Scandium	45-1				108		%
Scandium	45-2				104		%
Selenium	77-2	1.70	-3.88	-3.88	-2.02		ppb
Selenium	78-2	-0.33	1.55	3.44	1.55	121.27	ppb
Selenium	82-1	0.99	0.83	0.96	0.93	9.31	ppb
Silicon	28-1	4576.06	4605.97	4620.85	4600.96	0.50	ppb
Silver	109-1	0.20	0.20	0.23	0.21	8.62	ppb
Silver	107-1	0.21	0.20	0.22	0.21	4.31	ppb
Sodium	23-2	14337.67	14554.08	14047.58	14313.11	1.78	ppb
Strontium	86-1	105.57	108.76	109.32	107.88	1.88	ppb
Strontium	88-1	110.00	110.71	110.65	110.45	0.36	ppb
Sulfur	34-1	2065.64	2216.51	2219.21	2167.12	4.06	ppb
Terbium	159-1				111		%
Terbium	159-2				109		%
Thallium	203-1	0.06	0.07	0.05	0.06	21.65	ppb
Thallium	205-1	0.07	0.08	0.07	0.07	11.57	ppb
Tin	118-1	0.05	0.04	0.07	0.05	33.68	ppb
Titanium	47-1	2.24	2.61	2.63	2.49	8.91	ppb
Uranium	238-1	12.70	12.94	12.83	12.82	0.93	ppb
Vanadium	51-2	1.73	1.59	1.67	1.66	4.37	ppb
Yttrium	89-1				110		%
Yttrium	89-2				107		%
Zinc	66-2	10.63	10.37	11.11	10.70	3.50	ppb

LB Number :	LB96823	Operator :	Jaswal
Lab Sample ID :	J3972-06	Instrumnet Name :	P8
Client Sample ID :	MA4Z36	Dilution Factor :	1
Date & Time Acquired ::	2018-07-23 15:37:41	DataFile Name :	025SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	90-1	0.05	0.06	0.06	0.06	10.94	ppb
Zirconium	91-1	0.07	0.05	0.07	0.06	19.80	ppb

LB Number :	LB96823	Operator :	Jaswal
Lab Sample ID :	J3972-07	Instrumnet Name :	P8
Client Sample ID :	MA4Z37	Dilution Factor :	1
Date & Time Acquired ::	2018-07-23 15:41:01	DataFile Name :	026SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	188.66	181.42	188.36	186.14	2.20	ppb
Antimony	121-1	6.53	6.38	6.39	6.44	1.29	ppb
Arsenic	75-2	4.11	3.60	4.07	3.93	7.21	ppb
Barium	135-1	2.15	2.13	2.26	2.18	3.06	ppb
Barium	137-1	2.20	2.20	2.28	2.23	2.08	ppb
Beryllium	9-1	0.01	0.00	-0.03	-0.01		ppb
Bismuth	209-1				110		%
Bismuth	209-2				107		%
Boron	10-1	13.40	13.85	12.93	13.40	3.45	ppb
Boron	11-1	13.63	12.73	13.18	13.18	3.43	ppb
Cadmium	111-1	-0.25	-0.03	-0.19	-0.15		ppb
Cadmium	106-1	-3.94	-1.03	-3.07	-2.68		ppb
Cadmium	108-1	-0.01	0.02	0.08	0.03	158.20	ppb
Calcium	43-1	38882.72	39135.85	38780.22	38932.93	0.47	ppb
Calcium	44-1	39244.21	39131.59	38662.46	39012.76	0.79	ppb
Chromium	52-2	1.36	1.35	1.36	1.36	0.42	ppb
Cobalt	59-2	0.36	0.36	0.31	0.34	9.36	ppb
Copper	63-2	0.53	0.53	0.65	0.57	12.42	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				112		%
Holmium	165-2				108		%
Indium	115-1				109		%
Indium	115-2				104		%
Iron	56-2	9141.83	8561.07	8989.24	8897.38	3.38	ppb
Iron	57-2	8807.30	8416.21	8761.30	8661.60	2.47	ppb
Krypton	83-1						cps
Lead	206-1	0.28	0.31	0.28	0.29	5.75	ppb
Lead	207-1	0.25	0.25	0.24	0.24	3.23	ppb
Lead	208-1	0.26	0.27	0.25	0.26	3.75	ppb
Lithium	6-1				107		%
Magnesium	24-2	7652.17	7245.91	7662.37	7520.15	3.16	ppb

LB Number :	LB96823	Operator :	Jaswal
Lab Sample ID :	J3972-07	Instrumnet Name :	P8
Client Sample ID :	MA4Z37	Dilution Factor :	1
Date & Time Acquired ::	2018-07-23 15:41:01	DataFile Name :	026SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	112.17	105.93	112.49	110.20	3.36	ppb
Molybdenum	94-1	1.77	1.84	1.84	1.82	2.35	ppb
Molybdenum	95-1	2.59	2.52	2.49	2.53	1.88	ppb
Molybdenum	96-1	2.44	2.43	2.62	2.50	4.34	ppb
Molybdenum	97-1	2.71	2.54	2.65	2.63	3.31	ppb
Molybdenum	98-1	2.53	2.58	2.67	2.59	2.65	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	1.56	1.07	1.40	1.34	18.88	ppb
Phosphorus	31-2	83.71	33.77	132.74	83.41	59.33	ppb
Potassium	39-2	2616.64	2441.24	2670.97	2576.28	4.66	ppb
Rhodium	103-1				107		%
Rhodium	103-2				106		%
Scandium	45-1				106		%
Scandium	45-2				101		%
Selenium	77-2	-3.88	-3.88	-3.88	-3.88		ppb
Selenium	78-2	0.64	2.48	0.64	1.25	84.74	ppb
Selenium	82-1	0.23	-0.09	0.26	0.13	148.47	ppb
Silicon	28-1	3953.43	3973.68	3929.97	3952.36	0.55	ppb
Silver	109-1	0.18	0.19	0.21	0.19	6.43	ppb
Silver	107-1	0.16	0.17	0.16	0.16	2.84	ppb
Sodium	23-2	15323.28	14524.18	15098.19	14981.88	2.75	ppb
Strontium	86-1	117.18	117.18	116.84	117.07	0.17	ppb
Strontium	88-1	119.75	119.53	118.70	119.33	0.46	ppb
Sulfur	34-1	1055.29	1302.61	1247.74	1201.88	10.81	ppb
Terbium	159-1				112		%
Terbium	159-2				109		%
Thallium	203-1	0.02	0.04	0.06	0.04	53.76	ppb
Thallium	205-1	0.04	0.04	0.06	0.05	21.17	ppb
Tin	118-1	0.06	0.07	0.05	0.06	21.87	ppb
Titanium	47-1	6.95	6.86	7.40	7.07	4.13	ppb
Uranium	238-1	7.61	7.75	7.69	7.68	0.89	ppb
Vanadium	51-2	1.66	1.42	1.61	1.56	8.30	ppb
Yttrium	89-1				109		%
Yttrium	89-2				105		%
Zinc	66-2	11.91	10.98	12.47	11.79	6.41	ppb

LB Number :	LB96823	Operator :	Jaswal
Lab Sample ID :	J3972-07	Instrumnet Name :	P8
Client Sample ID :	MA4Z37	Dilution Factor :	1
Date & Time Acquired ::	2018-07-23 15:41:01	DataFile Name :	026SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	90-1	0.07	0.09	0.09	0.08	13.05	ppb
Zirconium	91-1	0.09	0.04	0.12	0.08	48.10	ppb

LB Number :	LB96823	Operator :	Jaswal
Lab Sample ID :	J3972-08	Instrumnet Name :	P8
Client Sample ID :	MA4Z38	Dilution Factor :	1
Date & Time Acquired ::	2018-07-23 15:44:20	DataFile Name :	027SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	232.07	233.72	254.08	239.96	5.11	ppb
Antimony	121-1	1.26	1.29	1.22	1.26	3.13	ppb
Arsenic	75-2	5.44	5.31	5.45	5.40	1.45	ppb
Barium	135-1	3.88	4.26	4.00	4.05	4.88	ppb
Barium	137-1	4.10	3.95	3.71	3.92	5.03	ppb
Beryllium	9-1	0.00	0.00	0.01	0.00	94.41	ppb
Bismuth	209-1				111		%
Bismuth	209-2				107		%
Boron	10-1	9.36	10.77	10.76	10.30	7.86	ppb
Boron	11-1	11.42	11.35	11.95	11.58	2.82	ppb
Cadmium	111-1	-0.22	-0.24	-0.15	-0.20		ppb
Cadmium	106-1	-3.57	-3.65	-2.40	-3.21		ppb
Cadmium	108-1	0.05	-0.01	0.02	0.02	155.98	ppb
Calcium	43-1	49144.22	48621.47	49451.74	49072.48	0.86	ppb
Calcium	44-1	48986.39	49298.85	48901.76	49062.33	0.43	ppb
Chromium	52-2	9.61	9.80	9.90	9.77	1.55	ppb
Cobalt	59-2	0.31	0.39	0.34	0.35	10.47	ppb
Copper	63-2	1.01	1.12	0.99	1.04	6.88	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				112		%
Holmium	165-2				107		%
Indium	115-1				109		%
Indium	115-2				103		%
Iron	56-2	9142.78	9199.69	9320.46	9220.98	0.98	ppb
Iron	57-2	9094.11	9066.69	9024.70	9061.84	0.39	ppb
Krypton	83-1						cps
Lead	206-1	2.03	1.94	2.00	1.99	2.26	ppb
Lead	207-1	1.68	1.59	1.60	1.62	3.04	ppb
Lead	208-1	1.84	1.78	1.79	1.80	1.67	ppb
Lithium	6-1				106		%
Magnesium	24-2	6221.94	6263.79	6251.99	6245.91	0.35	ppb

LB Number :	LB96823	Operator :	Jaswal
Lab Sample ID :	J3972-08	Instrumnet Name :	P8
Client Sample ID :	MA4Z38	Dilution Factor :	1
Date & Time Acquired ::	2018-07-23 15:44:20	DataFile Name :	027SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	73.32	72.50	73.68	73.17	0.83	ppb
Molybdenum	94-1	0.78	0.79	0.77	0.78	1.30	ppb
Molybdenum	95-1	0.69	0.67	0.65	0.67	2.85	ppb
Molybdenum	96-1	0.72	0.72	0.70	0.71	1.17	ppb
Molybdenum	97-1	0.75	0.77	0.72	0.75	3.23	ppb
Molybdenum	98-1	0.72	0.67	0.69	0.69	4.03	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.05	0.14	0.41	0.20	93.70	ppb
Phosphorus	31-2	227.95	60.50	208.11	165.52	55.27	ppb
Potassium	39-2	2532.71	2465.71	2452.79	2483.74	1.73	ppb
Rhodium	103-1				107		%
Rhodium	103-2				104		%
Scandium	45-1				105		%
Scandium	45-2				99		%
Selenium	77-2	-3.88	1.89	-3.88	-1.96		ppb
Selenium	78-2	1.60	-0.33	0.67	0.65	148.91	ppb
Selenium	82-1	0.82	0.42	0.12	0.45	77.80	ppb
Silicon	28-1	4564.80	4459.68	4537.00	4520.49	1.20	ppb
Silver	109-1	0.15	0.16	0.21	0.17	18.96	ppb
Silver	107-1	0.17	0.17	0.17	0.17	1.59	ppb
Sodium	23-2	8014.50	8029.08	8099.76	8047.78	0.57	ppb
Strontium	86-1	128.91	128.54	129.83	129.09	0.51	ppb
Strontium	88-1	133.62	133.86	132.60	133.36	0.50	ppb
Sulfur	34-1	-65.61	-289.54	-63.39	-139.51		ppb
Terbium	159-1				112		%
Terbium	159-2				106		%
Thallium	203-1	0.01	0.02	0.02	0.02	25.79	ppb
Thallium	205-1	0.03	0.03	0.03	0.03	5.92	ppb
Tin	118-1	0.05	0.10	0.04	0.07	47.37	ppb
Titanium	47-1	13.26	13.45	13.41	13.37	0.73	ppb
Uranium	238-1	7.05	6.87	6.96	6.96	1.25	ppb
Vanadium	51-2	4.32	4.12	4.07	4.17	3.11	ppb
Yttrium	89-1				108		%
Yttrium	89-2				103		%
Zinc	66-2	20.07	20.17	18.87	19.70	3.67	ppb

LB Number :	LB96823	Operator :	Jaswal
Lab Sample ID :	J3972-08	Instrumnet Name :	P8
Client Sample ID :	MA4Z38	Dilution Factor :	1
Date & Time Acquired ::	2018-07-23 15:44:20	DataFile Name :	027SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	90-1	0.21	0.22	0.21	0.21	1.64	ppb
Zirconium	91-1	0.16	0.19	0.22	0.19	17.35	ppb

LB Number :	LB96823	Operator :	Jaswal
Lab Sample ID :	J3972-09	Instrumnet Name :	P8
Client Sample ID :	MA4Z39	Dilution Factor :	1
Date & Time Acquired ::	2018-07-23 15:47:39	DataFile Name :	028SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	214.65	230.24	233.15	226.01	4.40	ppb
Antimony	121-1	1.19	1.20	1.21	1.20	0.68	ppb
Arsenic	75-2	5.47	5.21	4.26	4.98	12.80	ppb
Barium	135-1	3.78	3.84	3.57	3.73	3.75	ppb
Barium	137-1	3.55	3.71	3.64	3.63	2.14	ppb
Beryllium	9-1	-0.01	-0.03	0.00	-0.01		ppb
Bismuth	209-1				113		%
Bismuth	209-2				105		%
Boron	10-1	10.33	10.98	10.95	10.75	3.44	ppb
Boron	11-1	11.15	10.84	11.43	11.14	2.62	ppb
Cadmium	111-1	-0.27	-0.12	-0.30	-0.23		ppb
Cadmium	106-1	-3.74	-1.91	-4.28	-3.31		ppb
Cadmium	108-1	0.13	0.05	0.02	0.06	89.00	ppb
Calcium	43-1	47502.58	46981.85	48026.92	47503.78	1.10	ppb
Calcium	44-1	47327.90	47397.09	48483.23	47736.07	1.36	ppb
Chromium	52-2	9.85	9.77	9.95	9.86	0.92	ppb
Cobalt	59-2	0.37	0.39	0.39	0.39	2.70	ppb
Copper	63-2	0.95	0.79	1.00	0.91	12.24	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				114		%
Holmium	165-2				107		%
Indium	115-1				110		%
Indium	115-2				102		%
Iron	56-2	8562.51	8351.16	8386.58	8433.42	1.34	ppb
Iron	57-2	8209.22	8123.63	8170.99	8167.95	0.52	ppb
Krypton	83-1						cps
Lead	206-1	1.75	1.77	1.79	1.77	0.93	ppb
Lead	207-1	1.46	1.38	1.45	1.43	3.03	ppb
Lead	208-1	1.59	1.61	1.60	1.60	0.66	ppb
Lithium	6-1				107		%
Magnesium	24-2	6329.18	6079.78	6122.15	6177.04	2.16	ppb

LB Number :	LB96823	Operator :	Jaswal
Lab Sample ID :	J3972-09	Instrumnet Name :	P8
Client Sample ID :	MA4Z39	Dilution Factor :	1
Date & Time Acquired ::	2018-07-23 15:47:39	DataFile Name :	028SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	72.56	71.86	70.73	71.72	1.29	ppb
Molybdenum	94-1	0.78	0.90	0.80	0.83	7.37	ppb
Molybdenum	95-1	0.70	0.65	0.65	0.66	4.59	ppb
Molybdenum	96-1	0.70	0.65	0.63	0.66	5.40	ppb
Molybdenum	97-1	0.64	0.70	0.78	0.71	9.80	ppb
Molybdenum	98-1	0.72	0.64	0.64	0.67	7.03	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.52	0.33	0.24	0.36	39.60	ppb
Phosphorus	31-2	185.87	206.84	234.21	208.97	11.60	ppb
Potassium	39-2	2641.11	2463.68	2460.71	2521.84	4.10	ppb
Rhodium	103-1				108		%
Rhodium	103-2				104		%
Scandium	45-1				107		%
Scandium	45-2				97		%
Selenium	77-2	-3.88	2.10	-3.88	-1.89		ppb
Selenium	78-2	2.61	1.68	0.66	1.65	59.28	ppb
Selenium	82-1	0.24	0.60	0.69	0.51	46.55	ppb
Silicon	28-1	4300.64	4292.72	4376.61	4323.32	1.07	ppb
Silver	109-1	0.14	0.17	0.13	0.15	12.37	ppb
Silver	107-1	0.13	0.14	0.14	0.14	6.72	ppb
Sodium	23-2	8155.43	7927.98	7878.64	7987.35	1.85	ppb
Strontium	86-1	125.68	124.50	127.25	125.81	1.10	ppb
Strontium	88-1	128.64	128.98	130.54	129.39	0.78	ppb
Sulfur	34-1	-790.52	-704.04	-449.23	-647.93		ppb
Terbium	159-1				114		%
Terbium	159-2				107		%
Thallium	203-1	0.00	0.01	0.00	0.00	81.72	ppb
Thallium	205-1	0.01	0.01	0.02	0.01	60.54	ppb
Tin	118-1	0.02	0.04	0.02	0.03	37.03	ppb
Titanium	47-1	12.81	12.17	12.09	12.36	3.20	ppb
Uranium	238-1	6.70	6.73	6.83	6.75	0.98	ppb
Vanadium	51-2	4.01	3.86	3.84	3.90	2.35	ppb
Yttrium	89-1				110		%
Yttrium	89-2				101		%
Zinc	66-2	16.52	16.57	16.32	16.47	0.80	ppb

LB Number :	LB96823	Operator :	Jaswal
Lab Sample ID :	J3972-09	Instrumnet Name :	P8
Client Sample ID :	MA4Z39	Dilution Factor :	1
Date & Time Acquired ::	2018-07-23 15:47:39	DataFile Name :	028SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	90-1	0.20	0.22	0.23	0.22	8.35	ppb
Zirconium	91-1	0.24	0.21	0.26	0.23	11.88	ppb

LB Number :	LB96823	Operator :	Jaswal
Lab Sample ID :	J3972-10	Instrumnet Name :	P8
Client Sample ID :	MA4Z40	Dilution Factor :	1
Date & Time Acquired ::	2018-07-23 15:50:58	DataFile Name :	029SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	61.17	54.45	52.53	56.05	8.09	ppb
Antimony	121-1	2.30	2.29	2.37	2.32	1.98	ppb
Arsenic	75-2	3.31	3.64	3.49	3.48	4.79	ppb
Barium	135-1	2.90	2.89	3.10	2.96	3.81	ppb
Barium	137-1	2.88	2.93	2.93	2.91	1.03	ppb
Beryllium	9-1	-0.02	-0.04	-0.03	-0.03		ppb
Bismuth	209-1				113		%
Bismuth	209-2				106		%
Boron	10-1	11.66	10.77	13.02	11.82	9.61	ppb
Boron	11-1	11.13	10.71	11.76	11.20	4.70	ppb
Cadmium	111-1	-0.14	-0.21	-0.16	-0.17		ppb
Cadmium	106-1	-2.41	-3.08	-2.60	-2.70		ppb
Cadmium	108-1	-0.04	0.02	0.22	0.07	207.86	ppb
Calcium	43-1	43747.44	43430.06	43703.80	43627.10	0.39	ppb
Calcium	44-1	43882.12	43672.23	43458.93	43671.09	0.48	ppb
Chromium	52-2	1.47	1.37	1.29	1.38	6.47	ppb
Cobalt	59-2	0.31	0.30	0.30	0.30	1.71	ppb
Copper	63-2	0.65	0.68	0.68	0.67	2.86	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				113		%
Holmium	165-2				107		%
Indium	115-1				110		%
Indium	115-2				102		%
Iron	56-2	897.92	921.20	908.81	909.31	1.28	ppb
Iron	57-2	882.82	917.89	888.08	896.26	2.11	ppb
Krypton	83-1						cps
Lead	206-1	0.20	0.21	0.21	0.21	3.31	ppb
Lead	207-1	0.18	0.16	0.17	0.17	7.30	ppb
Lead	208-1	0.19	0.18	0.19	0.19	2.53	ppb
Lithium	6-1				105		%
Magnesium	24-2	6200.05	6268.39	6246.59	6238.34	0.56	ppb

LB Number :	LB96823	Operator :	Jaswal
Lab Sample ID :	J3972-10	Instrumnet Name :	P8
Client Sample ID :	MA4Z40	Dilution Factor :	1
Date & Time Acquired ::	2018-07-23 15:50:58	DataFile Name :	029SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	27.37	26.85	26.51	26.91	1.60	ppb
Molybdenum	94-1	8.24	8.02	8.06	8.11	1.42	ppb
Molybdenum	95-1	11.44	11.54	11.23	11.40	1.37	ppb
Molybdenum	96-1	11.11	10.42	11.06	10.86	3.54	ppb
Molybdenum	97-1	11.66	11.70	11.74	11.70	0.35	ppb
Molybdenum	98-1	11.39	11.41	11.66	11.49	1.30	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	1.12	1.34	1.36	1.27	10.40	ppb
Phosphorus	31-2	206.31	163.89	435.06	268.42	54.34	ppb
Potassium	39-2	7119.39	7294.79	7217.73	7210.64	1.22	ppb
Rhodium	103-1				108		%
Rhodium	103-2				103		%
Scandium	45-1				105		%
Scandium	45-2				96		%
Selenium	77-2	-3.88	-3.88	-3.88	-3.88		ppb
Selenium	78-2	0.65	-0.33	0.67	0.33	172.37	ppb
Selenium	82-1	0.28	0.03	0.48	0.26	86.89	ppb
Silicon	28-1	3912.16	3835.17	3902.38	3883.23	1.08	ppb
Silver	109-1	0.12	0.11	0.15	0.12	17.14	ppb
Silver	107-1	0.11	0.12	0.13	0.12	7.69	ppb
Sodium	23-2	11294.33	11702.30	11491.58	11496.07	1.77	ppb
Strontium	86-1	108.95	106.98	108.98	108.30	1.06	ppb
Strontium	88-1	112.35	111.95	114.02	112.77	0.98	ppb
Sulfur	34-1	515.51	445.56	511.90	490.99	8.02	ppb
Terbium	159-1				113		%
Terbium	159-2				107		%
Thallium	203-1	0.00	0.01	0.01	0.01	84.45	ppb
Thallium	205-1	0.01	0.01	0.01	0.01	18.74	ppb
Tin	118-1	0.03	0.04	0.01	0.03	69.58	ppb
Titanium	47-1	1.04	1.01	0.82	0.96	12.58	ppb
Uranium	238-1	6.43	6.44	6.46	6.44	0.18	ppb
Vanadium	51-2	1.98	2.04	1.95	1.99	2.21	ppb
Yttrium	89-1				109		%
Yttrium	89-2				101		%
Zinc	66-2	8.10	8.31	8.53	8.31	2.57	ppb

LB Number :	LB96823	Operator :	Jaswal
Lab Sample ID :	J3972-10	Instrumnet Name :	P8
Client Sample ID :	MA4Z40	Dilution Factor :	1
Date & Time Acquired ::	2018-07-23 15:50:58	DataFile Name :	029SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	90-1	0.06	0.04	0.04	0.05	20.87	ppb
Zirconium	91-1	0.06	0.08	0.12	0.09	36.83	ppb

LB Number :	LB96823	Operator :	Jaswal
Lab Sample ID :	J3972-11	Instrumnet Name :	P8
Client Sample ID :	MA4Z41	Dilution Factor :	1
Date & Time Acquired ::	2018-07-23 15:54:18	DataFile Name :	030SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	42.79	34.17	32.17	36.38	15.50	ppb
Antimony	121-1	1.49	1.50	1.53	1.50	1.31	ppb
Arsenic	75-2	0.91	0.78	0.68	0.79	14.68	ppb
Barium	135-1	1.26	1.24	1.38	1.30	5.84	ppb
Barium	137-1	1.16	1.22	1.35	1.24	7.78	ppb
Beryllium	9-1	-0.05	-0.04	-0.02	-0.03		ppb
Bismuth	209-1				115		%
Bismuth	209-2				105		%
Boron	10-1	10.17	11.43	10.63	10.74	5.92	ppb
Boron	11-1	10.17	10.64	10.86	10.55	3.32	ppb
Cadmium	111-1	-0.32	-0.17	-0.18	-0.22		ppb
Cadmium	106-1	-4.58	-2.48	-2.67	-3.24		ppb
Cadmium	108-1	-0.10	-0.04	-0.07	-0.07		ppb
Calcium	43-1	26974.05	28283.85	28512.32	27923.41	2.97	ppb
Calcium	44-1	27120.61	28116.67	28843.54	28026.94	3.09	ppb
Chromium	52-2	0.30	0.37	0.25	0.31	19.92	ppb
Cobalt	59-2	0.42	0.32	0.31	0.35	17.83	ppb
Copper	63-2	0.35	0.41	0.29	0.35	17.45	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				116		%
Holmium	165-2				107		%
Indium	115-1				112		%
Indium	115-2				101		%
Iron	56-2	1846.49	1815.10	1729.88	1797.15	3.36	ppb
Iron	57-2	1864.74	1749.94	1732.81	1782.49	4.02	ppb
Krypton	83-1						cps
Lead	206-1	0.09	0.08	0.10	0.09	11.21	ppb
Lead	207-1	0.08	0.08	0.07	0.08	2.91	ppb
Lead	208-1	0.08	0.08	0.08	0.08	2.71	ppb
Lithium	6-1				106		%
Magnesium	24-2	4945.34	4762.51	4624.93	4777.59	3.36	ppb

LB Number :	LB96823	Operator :	Jaswal
Lab Sample ID :	J3972-11	Instrumnet Name :	P8
Client Sample ID :	MA4Z41	Dilution Factor :	1
Date & Time Acquired ::	2018-07-23 15:54:18	DataFile Name :	030SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	69.36	65.37	62.20	65.64	5.47	ppb
Molybdenum	94-1	1.05	1.16	1.14	1.11	5.17	ppb
Molybdenum	95-1	1.52	1.52	1.57	1.54	1.90	ppb
Molybdenum	96-1	1.54	1.48	1.60	1.54	3.87	ppb
Molybdenum	97-1	1.58	1.61	1.64	1.61	2.03	ppb
Molybdenum	98-1	1.57	1.51	1.66	1.58	5.02	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.83	0.74	0.44	0.67	30.17	ppb
Phosphorus	31-2	13.80	13.31	-11.98	5.04	292.39	ppb
Potassium	39-2	2457.10	2400.11	2241.85	2366.35	4.71	ppb
Rhodium	103-1				110		%
Rhodium	103-2				103		%
Scandium	45-1				107		%
Scandium	45-2				95		%
Selenium	77-2	-3.88	1.99	1.91	0.00	88666.53	ppb
Selenium	78-2	0.70	-0.33	-0.33	0.02	3746.89	ppb
Selenium	82-1	0.21	-0.70	-0.05	-0.18		ppb
Silicon	28-1	3002.07	3129.39	3180.66	3104.04	2.96	ppb
Silver	109-1	0.10	0.11	0.12	0.11	8.29	ppb
Silver	107-1	0.09	0.12	0.12	0.11	13.24	ppb
Sodium	23-2	10598.17	10323.31	9929.01	10283.50	3.27	ppb
Strontium	86-1	72.92	76.05	76.42	75.13	2.56	ppb
Strontium	88-1	75.78	78.19	79.72	77.90	2.55	ppb
Sulfur	34-1	-2232.67	-1364.32	-1185.27	-1594.09		ppb
Terbium	159-1				115		%
Terbium	159-2				107		%
Thallium	203-1	-0.02	0.00	-0.01	-0.01		ppb
Thallium	205-1	0.00	0.00	0.00	0.00		ppb
Tin	118-1	0.04	-0.01	0.04	0.02	124.04	ppb
Titanium	47-1	0.81	0.86	0.67	0.78	12.63	ppb
Uranium	238-1	1.02	1.06	1.05	1.05	2.33	ppb
Vanadium	51-2	0.34	0.38	0.34	0.35	5.39	ppb
Yttrium	89-1				111		%
Yttrium	89-2				101		%
Zinc	66-2	13.23	11.47	11.84	12.18	7.62	ppb

LB Number :	LB96823	Operator :	Jaswal
Lab Sample ID :	J3972-11	Instrumnet Name :	P8
Client Sample ID :	MA4Z41	Dilution Factor :	1
Date & Time Acquired ::	2018-07-23 15:54:18	DataFile Name :	030SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	90-1	0.04	0.03	0.02	0.03	20.25	ppb
Zirconium	91-1	0.01	0.04	0.04	0.03	50.51	ppb

LB Number :	LB96823	Operator :	Jaswal
Lab Sample ID :	J3972-12	Instrumnet Name :	P8
Client Sample ID :	MA4Z41D	Dilution Factor :	1
Date & Time Acquired ::	2018-07-23 15:57:37	DataFile Name :	031SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	36.57	51.54	33.11	40.41	24.24	ppb
Antimony	121-1	1.53	1.48	1.64	1.55	5.16	ppb
Arsenic	75-2	0.82	0.66	0.43	0.63	31.03	ppb
Barium	135-1	1.33	1.40	1.46	1.40	4.70	ppb
Barium	137-1	1.27	1.33	1.38	1.33	4.05	ppb
Beryllium	9-1	-0.06	0.01	-0.02	-0.02		ppb
Bismuth	209-1				112		%
Bismuth	209-2				108		%
Boron	10-1	7.73	11.02	11.71	10.15	20.94	ppb
Boron	11-1	9.66	11.18	11.59	10.81	9.39	ppb
Cadmium	111-1	-0.23	-0.27	-0.27	-0.26		ppb
Cadmium	106-1	-3.30	-4.00	-3.94	-3.75		ppb
Cadmium	108-1	-0.01	0.02	-0.01	0.00		ppb
Calcium	43-1	28599.59	28442.33	30313.24	29118.39	3.56	ppb
Calcium	44-1	28490.30	28283.99	30203.92	28992.74	3.64	ppb
Chromium	52-2	0.23	0.19	0.28	0.23	20.04	ppb
Cobalt	59-2	0.32	0.32	0.29	0.31	4.41	ppb
Copper	63-2	0.34	0.33	0.27	0.31	10.76	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				112		%
Holmium	165-2				108		%
Indium	115-1				109		%
Indium	115-2				103		%
Iron	56-2	1709.17	1765.18	1765.31	1746.55	1.85	ppb
Iron	57-2	1696.12	1697.00	1752.39	1715.17	1.88	ppb
Krypton	83-1						cps
Lead	206-1	0.08	0.08	0.08	0.08	3.17	ppb
Lead	207-1	0.07	0.06	0.07	0.07	9.50	ppb
Lead	208-1	0.07	0.07	0.07	0.07	5.58	ppb
Lithium	6-1				104		%
Magnesium	24-2	4543.13	4720.63	4649.54	4637.76	1.93	ppb

LB Number :	LB96823	Operator :	Jaswal
Lab Sample ID :	J3972-12	Instrumnet Name :	P8
Client Sample ID :	MA4Z41D	Dilution Factor :	1
Date & Time Acquired ::	2018-07-23 15:57:37	DataFile Name :	031SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	60.59	63.97	63.62	62.73	2.96	ppb
Molybdenum	94-1	1.17	1.13	1.34	1.22	9.21	ppb
Molybdenum	95-1	1.68	1.58	1.74	1.67	4.79	ppb
Molybdenum	96-1	1.60	1.53	1.77	1.63	7.68	ppb
Molybdenum	97-1	1.63	1.70	1.95	1.76	9.56	ppb
Molybdenum	98-1	1.68	1.66	1.65	1.66	0.94	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.66	0.56	0.70	0.64	10.77	ppb
Phosphorus	31-2	35.99	37.95	13.01	28.98	47.84	ppb
Potassium	39-2	2193.91	2294.43	2282.21	2256.85	2.43	ppb
Rhodium	103-1				107		%
Rhodium	103-2				105		%
Scandium	45-1				103		%
Scandium	45-2				97		%
Selenium	77-2	-3.88	2.07	-3.88	-1.90		ppb
Selenium	78-2	0.65	2.68	-0.33	1.00	153.24	ppb
Selenium	82-1	0.14	-0.79	0.03	-0.21		ppb
Silicon	28-1	3208.08	3157.97	3392.77	3252.94	3.80	ppb
Silver	109-1	0.10	0.11	0.11	0.11	9.07	ppb
Silver	107-1	0.09	0.10	0.12	0.10	13.68	ppb
Sodium	23-2	9734.11	10106.40	10080.65	9973.72	2.08	ppb
Strontium	86-1	77.40	76.29	82.26	78.65	4.04	ppb
Strontium	88-1	80.74	79.16	84.00	81.30	3.04	ppb
Sulfur	34-1	-1256.29	-1239.15	-261.78	-919.07		ppb
Terbium	159-1				113		%
Terbium	159-2				108		%
Thallium	203-1	-0.01	-0.01	0.00	-0.01		ppb
Thallium	205-1	0.00	0.00	0.00	0.00		ppb
Tin	118-1	0.07	0.02	0.04	0.05	53.16	ppb
Titanium	47-1	0.85	0.73	0.74	0.77	9.02	ppb
Uranium	238-1	1.04	1.09	1.11	1.08	3.07	ppb
Vanadium	51-2	0.34	0.30	0.34	0.33	7.38	ppb
Yttrium	89-1				107		%
Yttrium	89-2				102		%
Zinc	66-2	8.03	7.59	7.37	7.66	4.37	ppb

LB Number :	LB96823	Operator :	Jaswal
Lab Sample ID :	J3972-12	Instrumnet Name :	P8
Client Sample ID :	MA4Z41D	Dilution Factor :	1
Date & Time Acquired ::	2018-07-23 15:57:37	DataFile Name :	031SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	90-1	0.02	0.03	0.04	0.03	29.29	ppb
Zirconium	91-1	0.05	0.02	0.02	0.03	53.50	ppb

LB Number :	LB96823	Operator :	Jaswal
Lab Sample ID :	J3972-11LX5	Instrumnet Name :	P8
Client Sample ID :	MA4Z41L	Dilution Factor :	5
Date & Time Acquired ::	2018-07-23 16:00:56	DataFile Name :	032SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	3.30	8.15	9.79	7.08	47.71	ppb
Antimony	121-1	0.32	0.31	0.30	0.31	2.81	ppb
Arsenic	75-2	0.06	0.06	0.02	0.05	55.66	ppb
Barium	135-1	0.29	0.29	0.23	0.27	12.71	ppb
Barium	137-1	0.24	0.25	0.28	0.26	9.54	ppb
Beryllium	9-1	0.01	0.02	-0.01	0.01	176.43	ppb
Bismuth	209-1				105		%
Bismuth	209-2				101		%
Boron	10-1	4.86	3.29	4.30	4.15	19.20	ppb
Boron	11-1	3.84	3.92	3.85	3.87	1.20	ppb
Cadmium	111-1	-0.24	-0.15	-0.18	-0.19		ppb
Cadmium	106-1	-3.25	-1.94	-2.71	-2.63		ppb
Cadmium	108-1	0.03	0.15	-0.07	0.04	301.20	ppb
Calcium	43-1	5690.24	5593.13	5658.07	5647.14	0.88	ppb
Calcium	44-1	5703.84	5781.74	5722.91	5736.16	0.71	ppb
Chromium	52-2	0.02	0.06	0.12	0.07	69.56	ppb
Cobalt	59-2	0.02	0.04	0.05	0.03	48.53	ppb
Copper	63-2	-0.20	-0.20	-0.18	-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				106		%
Holmium	165-2				102		%
Indium	115-1				103		%
Indium	115-2				98		%
Iron	56-2	356.92	363.06	349.39	356.46	1.92	ppb
Iron	57-2	356.46	370.06	320.86	349.13	7.28	ppb
Krypton	83-1						cps
Lead	206-1	0.02	0.04	0.00	0.02	95.15	ppb
Lead	207-1	0.01	0.01	0.01	0.01	14.28	ppb
Lead	208-1	0.01	0.02	0.00	0.01	59.46	ppb
Lithium	6-1				97		%
Magnesium	24-2	970.05	948.57	945.24	954.62	1.41	ppb

LB Number :	LB96823	Operator :	Jaswal
Lab Sample ID :	J3972-11LX5	Instrumnet Name :	P8
Client Sample ID :	MA4Z41L	Dilution Factor :	5
Date & Time Acquired ::	2018-07-23 16:00:56	DataFile Name :	032SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	12.62	13.51	12.79	12.97	3.66	ppb
Molybdenum	94-1	0.28	0.21	0.27	0.25	15.74	ppb
Molybdenum	95-1	0.36	0.33	0.29	0.33	11.37	ppb
Molybdenum	96-1	0.34	0.29	0.28	0.30	11.49	ppb
Molybdenum	97-1	0.36	0.33	0.42	0.37	12.69	ppb
Molybdenum	98-1	0.33	0.33	0.35	0.33	3.16	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	-0.57	-1.03	-0.64	-0.75		ppb
Phosphorus	31-2	13.99	14.53	13.68	14.06	3.04	ppb
Potassium	39-2	462.35	495.84	474.62	477.60	3.55	ppb
Rhodium	103-1				101		%
Rhodium	103-2				99		%
Scandium	45-1				98		%
Scandium	45-2				92		%
Selenium	77-2	-3.88	-3.88	-3.88	-3.88		ppb
Selenium	78-2	-0.33	-0.33	-0.33	-0.33		ppb
Selenium	82-1	-0.40	0.41	0.00	0.00	24215.66	ppb
Silicon	28-1	644.88	627.22	631.88	634.66	1.44	ppb
Silver	109-1	0.06	0.06	0.07	0.06	7.88	ppb
Silver	107-1	0.07	0.07	0.06	0.07	6.36	ppb
Sodium	23-2	2044.61	2093.97	2016.73	2051.77	1.91	ppb
Strontium	86-1	15.12	15.11	15.41	15.22	1.12	ppb
Strontium	88-1	15.50	15.22	15.25	15.32	1.00	ppb
Sulfur	34-1	-1089.86	-1445.66	-1309.60	-1281.71		ppb
Terbium	159-1				105		%
Terbium	159-2				102		%
Thallium	203-1	-0.01	-0.01	-0.01	-0.01		ppb
Thallium	205-1	-0.01	-0.01	-0.01	-0.01		ppb
Tin	118-1	-0.07	-0.05	-0.04	-0.05		ppb
Titanium	47-1	0.12	0.23	0.23	0.19	30.47	ppb
Uranium	238-1	0.22	0.20	0.21	0.21	5.10	ppb
Vanadium	51-2	0.06	0.09	0.08	0.07	21.20	ppb
Yttrium	89-1				102		%
Yttrium	89-2				97		%
Zinc	66-2	1.01	1.05	1.44	1.17	20.61	ppb

LB Number :	LB96823	Operator :	Jaswal
Lab Sample ID :	J3972-11LX5	Instrumnet Name :	P8
Client Sample ID :	MA4Z41L	Dilution Factor :	5
Date & Time Acquired ::	2018-07-23 16:00:56	DataFile Name :	032SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	90-1	0.02	0.02	0.01	0.02	30.80	ppb
Zirconium	91-1	0.02	0.04	0.05	0.04	41.63	ppb

LB Number :	LB96823	Operator :	Jaswal
Lab Sample ID :	J3972-13	Instrumnet Name :	P8
Client Sample ID :	MA4Z41S	Dilution Factor :	1
Date & Time Acquired ::	2018-07-23 16:04:15	DataFile Name :	033SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	1942.53	1880.89	1987.68	1937.03	2.77	ppb
Antimony	121-1	105.23	104.45	105.47	105.05	0.51	ppb
Arsenic	75-2	41.42	42.35	40.95	41.57	1.70	ppb
Barium	135-1	2084.70	2068.45	2093.73	2082.29	0.62	ppb
Barium	137-1	2049.64	2063.68	2051.29	2054.87	0.37	ppb
Beryllium	9-1	48.39	48.29	48.83	48.50	0.60	ppb
Bismuth	209-1				117		%
Bismuth	209-2				107		%
Boron	10-1	8.36	10.81	10.13	9.77	12.92	ppb
Boron	11-1	10.21	10.18	10.37	10.26	1.02	ppb
Cadmium	111-1	49.92	49.67	50.51	50.03	0.86	ppb
Cadmium	106-1	39.79	38.32	37.25	38.46	3.32	ppb
Cadmium	108-1	45.97	45.62	48.70	46.76	3.60	ppb
Calcium	43-1	28559.56	28553.48	29129.75	28747.59	1.15	ppb
Calcium	44-1	28529.84	28686.21	29091.22	28769.09	1.01	ppb
Chromium	52-2	214.18	212.33	218.43	214.98	1.46	ppb
Cobalt	59-2	547.34	545.59	554.93	549.28	0.90	ppb
Copper	63-2	282.02	280.21	285.02	282.42	0.86	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				117		%
Holmium	165-2				109		%
Indium	115-1				112		%
Indium	115-2				101		%
Iron	56-2	2913.61	2883.42	2944.57	2913.87	1.05	ppb
Iron	57-2	2859.10	2725.83	2858.17	2814.36	2.72	ppb
Krypton	83-1						cps
Lead	206-1	20.25	20.00	20.45	20.23	1.12	ppb
Lead	207-1	19.73	19.71	20.10	19.85	1.09	ppb
Lead	208-1	20.03	19.96	20.26	20.08	0.79	ppb
Lithium	6-1				107		%
Magnesium	24-2	4822.15	4740.45	4787.79	4783.47	0.86	ppb

LB Number :	LB96823	Operator :	Jaswal
Lab Sample ID :	J3972-13	Instrumnet Name :	P8
Client Sample ID :	MA4Z41S	Dilution Factor :	1
Date & Time Acquired ::	2018-07-23 16:04:15	DataFile Name :	033SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	595.67	589.95	601.31	595.64	0.95	ppb
Molybdenum	94-1	1.27	1.27	1.27	1.27	0.19	ppb
Molybdenum	95-1	1.64	1.65	1.65	1.64	0.36	ppb
Molybdenum	96-1	1.65	1.71	1.63	1.67	2.66	ppb
Molybdenum	97-1	1.59	1.72	1.85	1.72	7.63	ppb
Molybdenum	98-1	1.68	1.67	1.65	1.67	1.01	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	562.95	556.77	565.86	561.86	0.83	ppb
Phosphorus	31-2	37.64	12.83	38.89	29.79	49.35	ppb
Potassium	39-2	2276.05	2338.69	2376.65	2330.46	2.18	ppb
Rhodium	103-1				110		%
Rhodium	103-2				104		%
Scandium	45-1				105		%
Scandium	45-2				95		%
Selenium	77-2	184.44	137.66	141.93	154.68	16.72	ppb
Selenium	78-2	136.05	159.12	176.18	157.12	12.82	ppb
Selenium	82-1	147.14	146.27	151.32	148.24	1.82	ppb
Silicon	28-1	3201.66	3216.54	3269.28	3229.16	1.10	ppb
Silver	109-1	50.16	50.96	51.62	50.91	1.44	ppb
Silver	107-1	50.65	50.73	50.90	50.76	0.25	ppb
Sodium	23-2	10141.76	10004.50	10218.05	10121.44	1.07	ppb
Strontium	86-1	76.90	76.69	77.78	77.12	0.75	ppb
Strontium	88-1	79.88	77.90	80.75	79.51	1.84	ppb
Sulfur	34-1	-1556.85	-1340.03	-1331.66	-1409.51		ppb
Terbium	159-1				116		%
Terbium	159-2				108		%
Thallium	203-1	51.23	49.71	52.05	51.00	2.32	ppb
Thallium	205-1	51.49	50.86	52.21	51.52	1.31	ppb
Tin	118-1	0.10	0.11	0.10	0.10	2.86	ppb
Titanium	47-1	0.92	1.04	1.04	1.00	6.88	ppb
Uranium	238-1	1.07	1.07	1.07	1.07	0.18	ppb
Vanadium	51-2	529.26	528.46	540.68	532.80	1.28	ppb
Yttrium	89-1				111		%
Yttrium	89-2				100		%
Zinc	66-2	567.02	560.32	579.24	568.86	1.69	ppb

LB Number :	LB96823	Operator :	Jaswal
Lab Sample ID :	J3972-13	Instrumnet Name :	P8
Client Sample ID :	MA4Z41S	Dilution Factor :	1
Date & Time Acquired ::	2018-07-23 16:04:15	DataFile Name :	033SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	90-1	0.05	0.06	0.05	0.05	8.69	ppb
Zirconium	91-1	0.12	0.07	0.09	0.09	24.50	ppb

LB Number :	LB96823	Operator :	Jaswal
Lab Sample ID :	J3972-14	Instrumnet Name :	P8
Client Sample ID :	MA4Z42	Dilution Factor :	1
Date & Time Acquired ::	2018-07-23 16:07:34	DataFile Name :	034SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	174.56	173.87	190.88	179.77	5.35	ppb
Antimony	121-1	2.27	2.45	2.42	2.38	4.04	ppb
Arsenic	75-2	5.48	5.58	5.76	5.61	2.55	ppb
Barium	135-1	1.65	1.87	1.77	1.77	6.13	ppb
Barium	137-1	1.81	1.86	1.89	1.85	2.10	ppb
Beryllium	9-1	0.02	-0.02	-0.03	-0.01		ppb
Bismuth	209-1				117		%
Bismuth	209-2				109		%
Boron	10-1	11.18	12.19	10.52	11.30	7.47	ppb
Boron	11-1	11.36	11.49	11.58	11.48	1.00	ppb
Cadmium	111-1	-0.22	-0.24	-0.15	-0.20		ppb
Cadmium	106-1	-3.14	-3.50	-2.18	-2.94		ppb
Cadmium	108-1	0.01	0.07	-0.07	0.00	1494.51	ppb
Calcium	43-1	29662.82	30312.59	30268.16	30081.19	1.21	ppb
Calcium	44-1	29370.50	30356.28	30322.08	30016.29	1.86	ppb
Chromium	52-2	1.01	0.87	0.73	0.87	16.08	ppb
Cobalt	59-2	0.33	0.29	0.31	0.31	5.41	ppb
Copper	63-2	0.71	0.51	0.71	0.65	17.90	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				117		%
Holmium	165-2				111		%
Indium	115-1				113		%
Indium	115-2				103		%
Iron	56-2	5489.20	5036.96	5390.59	5305.58	4.48	ppb
Iron	57-2	5269.39	4953.89	5140.28	5121.19	3.10	ppb
Krypton	83-1						cps
Lead	206-1	0.18	0.18	0.14	0.16	13.55	ppb
Lead	207-1	0.12	0.10	0.14	0.12	18.19	ppb
Lead	208-1	0.13	0.13	0.13	0.13	1.83	ppb
Lithium	6-1				107		%
Magnesium	24-2	7144.46	6476.79	6818.82	6813.36	4.90	ppb

LB Number :	LB96823	Operator :	Jaswal
Lab Sample ID :	J3972-14	Instrumnet Name :	P8
Client Sample ID :	MA4Z42	Dilution Factor :	1
Date & Time Acquired ::	2018-07-23 16:07:34	DataFile Name :	034SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	58.98	55.17	59.17	57.77	3.90	ppb
Molybdenum	94-1	0.87	0.86	0.84	0.86	1.93	ppb
Molybdenum	95-1	1.25	1.20	1.25	1.23	2.14	ppb
Molybdenum	96-1	1.15	1.17	1.18	1.16	1.44	ppb
Molybdenum	97-1	1.25	1.21	1.15	1.20	4.03	ppb
Molybdenum	98-1	1.27	1.26	1.25	1.26	0.82	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.81	0.95	0.91	0.89	8.36	ppb
Phosphorus	31-2	317.24	152.55	264.94	244.91	34.36	ppb
Potassium	39-2	2625.58	2399.23	2617.50	2547.44	5.04	ppb
Rhodium	103-1				110		%
Rhodium	103-2				106		%
Scandium	45-1				106		%
Scandium	45-2				97		%
Selenium	77-2	-3.88	1.78	2.02	-0.03		ppb
Selenium	78-2	0.66	2.53	0.66	1.29	83.72	ppb
Selenium	82-1	-0.19	0.43	0.45	0.23	159.34	ppb
Silicon	28-1	4105.35	4234.90	4213.47	4184.57	1.66	ppb
Silver	109-1	0.08	0.09	0.08	0.08	6.89	ppb
Silver	107-1	0.08	0.08	0.09	0.08	8.78	ppb
Sodium	23-2	17357.90	15955.28	16988.78	16767.32	4.34	ppb
Strontium	86-1	90.50	91.92	91.51	91.31	0.80	ppb
Strontium	88-1	94.59	96.04	95.44	95.36	0.76	ppb
Sulfur	34-1	-1567.71	-1047.21	-1088.48	-1234.47		ppb
Terbium	159-1				117		%
Terbium	159-2				110		%
Thallium	203-1	0.00	0.02	0.00	0.01	95.59	ppb
Thallium	205-1	0.01	0.01	0.00	0.01	53.45	ppb
Tin	118-1	0.05	0.07	0.07	0.07	17.97	ppb
Titanium	47-1	5.61	5.48	4.93	5.34	6.78	ppb
Uranium	238-1	7.25	7.42	7.50	7.39	1.75	ppb
Vanadium	51-2	2.69	2.64	2.94	2.76	5.77	ppb
Yttrium	89-1				111		%
Yttrium	89-2				102		%
Zinc	66-2	9.17	7.99	8.72	8.63	6.95	ppb

LB Number :	LB96823	Operator :	Jaswal
Lab Sample ID :	J3972-14	Instrumnet Name :	P8
Client Sample ID :	MA4Z42	Dilution Factor :	1
Date & Time Acquired ::	2018-07-23 16:07:34	DataFile Name :	034SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	90-1	0.03	0.03	0.04	0.03	10.03	ppb
Zirconium	91-1	0.05	0.05	0.01	0.04	59.37	ppb

LB Number :	LB96823	Operator :	Jaswal
Lab Sample ID :	J3972-15	Instrumnet Name :	P8
Client Sample ID :	MA4Z43	Dilution Factor :	1
Date & Time Acquired ::	2018-07-23 16:10:53	DataFile Name :	035SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	147.30	151.68	157.01	152.00	3.20	ppb
Antimony	121-1	2.05	1.98	1.87	1.97	4.64	ppb
Arsenic	75-2	4.06	3.22	3.57	3.62	11.66	ppb
Barium	135-1	2.07	2.01	1.89	1.99	4.67	ppb
Barium	137-1	2.00	1.93	1.94	1.96	2.02	ppb
Beryllium	9-1	-0.04	-0.03	-0.04	-0.03		ppb
Bismuth	209-1				116		%
Bismuth	209-2				109		%
Boron	10-1	11.45	12.31	11.70	11.82	3.74	ppb
Boron	11-1	11.78	12.65	11.93	12.12	3.86	ppb
Cadmium	111-1	-0.24	-0.13	-0.29	-0.22		ppb
Cadmium	106-1	-3.51	-1.81	-4.15	-3.16		ppb
Cadmium	108-1	0.01	0.01	-0.04	0.00		ppb
Calcium	43-1	16054.50	16226.69	15889.88	16057.02	1.05	ppb
Calcium	44-1	16163.25	15954.87	16217.23	16111.78	0.86	ppb
Chromium	52-2	0.81	0.67	0.86	0.78	12.83	ppb
Cobalt	59-2	0.40	0.47	0.46	0.44	7.90	ppb
Copper	63-2	0.29	0.33	0.16	0.26	34.24	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				116		%
Holmium	165-2				110		%
Indium	115-1				111		%
Indium	115-2				102		%
Iron	56-2	2904.21	2899.23	2945.67	2916.37	0.87	ppb
Iron	57-2	2888.89	2839.10	2965.24	2897.75	2.19	ppb
Krypton	83-1						cps
Lead	206-1	0.13	0.16	0.11	0.14	18.34	ppb
Lead	207-1	0.13	0.10	0.10	0.11	14.45	ppb
Lead	208-1	0.13	0.13	0.11	0.12	6.98	ppb
Lithium	6-1				107		%
Magnesium	24-2	5101.34	5064.51	5236.90	5134.25	1.77	ppb

LB Number :	LB96823	Operator :	Jaswal
Lab Sample ID :	J3972-15	Instrumnet Name :	P8
Client Sample ID :	MA4Z43	Dilution Factor :	1
Date & Time Acquired ::	2018-07-23 16:10:53	DataFile Name :	035SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	36.44	36.14	36.10	36.22	0.51	ppb
Molybdenum	94-1	2.32	2.15	2.16	2.21	4.32	ppb
Molybdenum	95-1	2.77	2.92	3.11	2.94	5.78	ppb
Molybdenum	96-1	2.77	2.82	2.85	2.81	1.52	ppb
Molybdenum	97-1	2.89	2.85	2.91	2.89	1.08	ppb
Molybdenum	98-1	2.97	2.96	2.97	2.97	0.22	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	1.24	1.17	1.46	1.29	11.71	ppb
Phosphorus	31-2	12.89	-11.98	-11.98	-3.69		ppb
Potassium	39-2	2058.00	1988.76	2138.74	2061.83	3.64	ppb
Rhodium	103-1				110		%
Rhodium	103-2				105		%
Scandium	45-1				105		%
Scandium	45-2				95		%
Selenium	77-2	7.88	1.97	-3.88	1.99	295.63	ppb
Selenium	78-2	1.64	0.66	-0.33	0.66	150.09	ppb
Selenium	82-1	0.01	0.05	0.14	0.07	95.50	ppb
Silicon	28-1	4255.81	4235.04	4258.48	4249.78	0.30	ppb
Silver	109-1	0.06	0.07	0.06	0.06	3.39	ppb
Silver	107-1	0.06	0.07	0.07	0.07	11.72	ppb
Sodium	23-2	21077.18	20783.27	21311.58	21057.34	1.26	ppb
Strontium	86-1	58.11	57.19	58.16	57.82	0.95	ppb
Strontium	88-1	58.44	57.92	58.81	58.39	0.77	ppb
Sulfur	34-1	-1256.54	-1318.00	-1423.98	-1332.84		ppb
Terbium	159-1				116		%
Terbium	159-2				108		%
Thallium	203-1	0.00	-0.01	-0.01	0.00		ppb
Thallium	205-1	0.00	0.00	0.00	0.00		ppb
Tin	118-1	0.04	0.03	0.04	0.04	23.46	ppb
Titanium	47-1	2.26	1.99	2.23	2.16	6.82	ppb
Uranium	238-1	1.36	1.36	1.32	1.35	1.63	ppb
Vanadium	51-2	0.39	0.36	0.41	0.38	6.07	ppb
Yttrium	89-1				110		%
Yttrium	89-2				101		%
Zinc	66-2	9.65	9.70	10.35	9.90	3.96	ppb

LB Number :	LB96823	Operator :	Jaswal
Lab Sample ID :	J3972-15	Instrumnet Name :	P8
Client Sample ID :	MA4Z43	Dilution Factor :	1
Date & Time Acquired ::	2018-07-23 16:10:53	DataFile Name :	035SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	90-1	0.04	0.04	0.04	0.04	5.57	ppb
Zirconium	91-1	0.07	0.07	0.07	0.07	4.56	ppb

LB Number :	LB96823	Operator :	Jaswal
Lab Sample ID :	CCV51	Instrumnet Name :	P8
Client Sample ID :	CCV51	Dilution Factor :	1
Date & Time Acquired ::	2018-07-23 16:14:12	DataFile Name :	036SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	47796.68	49242.60	49578.81	48872.70	1.94	ppb
Antimony	121-1	463.43	472.60	491.49	475.84	3.01	ppb
Arsenic	75-2	485.77	481.37	478.10	481.75	0.80	ppb
Barium	135-1	2436.40	2455.03	2509.86	2467.10	1.55	ppb
Barium	137-1	2405.11	2433.36	2474.80	2437.76	1.44	ppb
Beryllium	9-1	482.42	473.60	490.17	482.07	1.72	ppb
Bismuth	209-1				100		%
Bismuth	209-2				98		%
Boron	10-1	459.88	466.74	500.16	475.59	4.53	ppb
Boron	11-1	464.53	478.06	497.21	479.93	3.42	ppb
Cadmium	111-1	460.08	466.01	480.60	468.89	2.25	ppb
Cadmium	106-1	464.30	470.68	483.40	472.79	2.06	ppb
Cadmium	108-1	468.03	476.10	480.58	474.91	1.34	ppb
Calcium	43-1	231813.80	237409.32	240871.28	236698.13	1.93	ppb
Calcium	44-1	231126.60	237394.56	242799.65	237106.94	2.46	ppb
Chromium	52-2	491.36	505.88	508.36	501.86	1.83	ppb
Cobalt	59-2	474.13	487.75	490.14	484.00	1.78	ppb
Copper	63-2	934.04	967.62	969.06	956.90	2.07	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				105		%
Indium	115-1				99		%
Indium	115-2				97		%
Iron	56-2	122410.12	126424.59	126230.00	125021.57	1.81	ppb
Iron	57-2	121869.69	126110.87	126119.15	124699.90	1.97	ppb
Krypton	83-1						cps
Lead	206-1	495.61	498.07	517.09	503.59	2.33	ppb
Lead	207-1	494.67	504.28	512.79	503.91	1.80	ppb
Lead	208-1	495.27	501.55	512.80	503.21	1.76	ppb
Lithium	6-1				97		%
Magnesium	24-2	235862.09	243823.18	241536.62	240407.30	1.70	ppb

LB Number :	LB96823	Operator :	Jaswal
Lab Sample ID :	CCV51	Instrumnet Name :	P8
Client Sample ID :	CCV51	Dilution Factor :	1
Date & Time Acquired ::	2018-07-23 16:14:12	DataFile Name :	036SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	958.49	995.02	998.34	983.95	2.25	ppb
Molybdenum	94-1	2441.78	2438.68	2509.88	2463.45	1.63	ppb
Molybdenum	95-1	2411.30	2452.65	2477.98	2447.31	1.38	ppb
Molybdenum	96-1	2446.53	2435.94	2486.22	2456.23	1.08	ppb
Molybdenum	97-1	2464.99	2479.18	2526.24	2490.14	1.29	ppb
Molybdenum	98-1	2435.78	2486.97	2507.23	2476.66	1.49	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	483.23	498.00	498.65	493.29	1.77	ppb
Phosphorus	31-2	8990.75	9273.52	9263.76	9176.01	1.75	ppb
Potassium	39-2	117486.65	119489.68	120332.66	119103.00	1.23	ppb
Rhodium	103-1				97		%
Rhodium	103-2				96		%
Scandium	45-1				100		%
Scandium	45-2				97		%
Selenium	77-2	389.24	378.50	472.04	413.26	12.39	ppb
Selenium	78-2	505.47	483.81	469.22	486.17	3.75	ppb
Selenium	82-1	473.88	478.82	488.48	480.39	1.55	ppb
Silicon	28-1	446.03	460.98	478.02	461.68	3.47	ppb
Silver	109-1	473.64	483.47	491.25	482.79	1.83	ppb
Silver	107-1	473.77	477.54	490.68	480.67	1.85	ppb
Sodium	23-2	234434.96	241179.12	242218.30	239277.46	1.77	ppb
Strontium	86-1	487.67	483.14	496.48	489.09	1.39	ppb
Strontium	88-1	490.72	484.67	501.51	492.30	1.73	ppb
Sulfur	34-1	8553.68	9147.59	9612.27	9104.51	5.83	ppb
Terbium	159-1				106		%
Terbium	159-2				104		%
Thallium	203-1	496.40	499.16	510.05	501.87	1.44	ppb
Thallium	205-1	493.30	498.14	506.09	499.18	1.29	ppb
Tin	118-1	483.05	487.54	503.89	491.49	2.23	ppb
Titanium	47-1	2394.89	2482.41	2500.38	2459.23	2.29	ppb
Uranium	238-1	497.34	497.99	511.60	502.31	1.60	ppb
Vanadium	51-2	480.99	492.81	495.35	489.72	1.56	ppb
Yttrium	89-1				102		%
Yttrium	89-2				99		%
Zinc	66-2	939.44	964.37	975.91	959.91	1.94	ppb

LB Number :	LB96823	Operator :	Jaswal
Lab Sample ID :	CCV51	Instrumnet Name :	P8
Client Sample ID :	CCV51	Dilution Factor :	1
Date & Time Acquired ::	2018-07-23 16:14:12	DataFile Name :	036SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	90-1	490.71	490.38	499.70	493.60	1.07	ppb
Zirconium	91-1	484.10	485.45	498.71	489.42	1.65	ppb

LB Number :	LB96823	Operator :	Jaswal
Lab Sample ID :	CCB51	Instrumnet Name :	P8
Client Sample ID :	CCB51	Dilution Factor :	1
Date & Time Acquired ::	2018-07-23 16:17:29	DataFile Name :	037SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	-1.37	1.76	-0.74	-0.12		ppb
Antimony	121-1	1.22	1.10	1.04	1.12	8.48	ppb
Arsenic	75-2	-0.01	0.01	0.06	0.02	153.90	ppb
Barium	135-1	0.05	0.03	0.01	0.03	60.53	ppb
Barium	137-1	0.05	0.04	0.01	0.04	61.80	ppb
Beryllium	9-1	0.15	0.12	0.05	0.11	46.14	ppb
Bismuth	209-1				106		%
Bismuth	209-2				104		%
Boron	10-1	14.43	14.80	12.99	14.07	6.80	ppb
Boron	11-1	14.53	13.81	12.09	13.48	9.29	ppb
Cadmium	111-1	-0.10	-0.20	-0.12	-0.14		ppb
Cadmium	106-1	-2.05	-3.27	-1.92	-2.41		ppb
Cadmium	108-1	-0.04	0.06	0.09	0.04	182.02	ppb
Calcium	43-1	3.76	1.20	7.13	4.03	73.75	ppb
Calcium	44-1	3.50	-0.67	-2.06	0.26	1119.60	ppb
Chromium	52-2	0.01	-0.06	0.01	-0.02		ppb
Cobalt	59-2	-0.02	-0.01	-0.02	-0.02		ppb
Copper	63-2	-0.37	-0.34	-0.32	-0.34		ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				106		%
Holmium	165-2				105		%
Indium	115-1				104		%
Indium	115-2				101		%
Iron	56-2	3.52	3.38	3.03	3.31	7.74	ppb
Iron	57-2	2.87	5.14	2.34	3.45	43.14	ppb
Krypton	83-1						cps
Lead	206-1	0.05	0.03	0.04	0.04	16.96	ppb
Lead	207-1	0.03	0.02	0.00	0.02	71.60	ppb
Lead	208-1	0.04	0.02	0.02	0.03	25.03	ppb
Lithium	6-1				100		%
Magnesium	24-2	1.72	1.72	2.88	2.11	31.72	ppb

LB Number :	LB96823	Operator :	Jaswal
Lab Sample ID :	CCB51	Instrumnet Name :	P8
Client Sample ID :	CCB51	Dilution Factor :	1
Date & Time Acquired ::	2018-07-23 16:17:29	DataFile Name :	037SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	-0.29	-0.25	-0.24	-0.26		ppb
Molybdenum	94-1	1.13	1.11	0.99	1.08	7.03	ppb
Molybdenum	95-1	1.24	1.12	1.09	1.15	7.13	ppb
Molybdenum	96-1	1.33	1.07	1.01	1.13	14.89	ppb
Molybdenum	97-1	1.38	1.21	0.95	1.18	18.28	ppb
Molybdenum	98-1	1.31	1.19	1.07	1.19	9.98	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	-0.92	-0.70	-0.67	-0.76		ppb
Phosphorus	31-2	13.20	-11.98	-11.98	-3.59		ppb
Potassium	39-2	16.60	-13.43	-3.25	-0.03		ppb
Rhodium	103-1				103		%
Rhodium	103-2				102		%
Scandium	45-1				99		%
Scandium	45-2				96		%
Selenium	77-2	-3.88	-3.88	-3.88	-3.88		ppb
Selenium	78-2	0.68	0.67	0.68	0.68	0.78	ppb
Selenium	82-1	-0.05	0.72	-0.17	0.17	288.47	ppb
Silicon	28-1	-9.30	-10.88	-9.67	-9.95		ppb
Silver	109-1	0.08	0.07	0.06	0.07	15.45	ppb
Silver	107-1	0.08	0.06	0.07	0.07	9.95	ppb
Sodium	23-2	45.60	32.00	39.56	39.05	17.45	ppb
Strontium	86-1	0.03	0.00	0.02	0.02	97.25	ppb
Strontium	88-1	0.02	0.01	0.01	0.01	26.46	ppb
Sulfur	34-1	-1926.51	-1694.90	-1746.66	-1789.35		ppb
Terbium	159-1				106		%
Terbium	159-2				104		%
Thallium	203-1	0.08	0.08	0.07	0.08	9.16	ppb
Thallium	205-1	0.10	0.08	0.08	0.09	14.78	ppb
Tin	118-1	0.45	0.41	0.37	0.41	9.31	ppb
Titanium	47-1	0.10	0.00	0.10	0.07	90.13	ppb
Uranium	238-1	0.02	0.01	0.01	0.01	42.95	ppb
Vanadium	51-2	0.05	0.01	0.02	0.03	83.65	ppb
Yttrium	89-1				103		%
Yttrium	89-2				100		%
Zinc	66-2	-0.20	-0.25	-0.24	-0.23		ppb

LB Number :	LB96823	Operator :	Jaswal
Lab Sample ID :	CCB51	Instrumnet Name :	P8
Client Sample ID :	CCB51	Dilution Factor :	1
Date & Time Acquired ::	2018-07-23 16:17:29	DataFile Name :	037SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	90-1	0.20	0.19	0.17	0.19	6.14	ppb
Zirconium	91-1	0.18	0.22	0.20	0.20	8.95	ppb

LB Number : LB96823 Operator : Jaswal
 Lab Sample ID : PB111276BL Instrumnet Name : P8
 Client Sample ID : PB111276BL Dilution Factor : 1
 Date & Time Acquired :: 2018-07-23 16:21:36 DataFile Name : 038CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	2.20	2.22	-1.41	1.00	208.05	ppb
Antimony	121-1	0.25	0.23	0.23	0.24	4.37	ppb
Arsenic	75-2	-0.08	-0.08	-0.08	-0.08		ppb
Barium	135-1	0.01	0.01	0.00	0.01	115.78	ppb
Barium	137-1	0.00	0.02	0.02	0.01	82.87	ppb
Beryllium	9-1	0.02	0.05	-0.02	0.02	188.15	ppb
Bismuth	209-1				112		%
Bismuth	209-2				109		%
Boron	10-1	5.51	5.61	4.18	5.10	15.64	ppb
Boron	11-1	4.78	4.69	4.68	4.72	1.20	ppb
Cadmium	111-1	-0.23	-0.27	-0.33	-0.27		ppb
Cadmium	106-1	-3.57	-3.59	-4.64	-3.93		ppb
Cadmium	108-1	-0.04	0.11	-0.04	0.01	953.82	ppb
Calcium	43-1	-3.16	-3.19	-0.49	-2.28		ppb
Calcium	44-1	-8.22	-7.54	-8.13	-7.96		ppb
Chromium	52-2	0.00	-0.05	-0.06	-0.04		ppb
Cobalt	59-2	-0.02	-0.03	-0.03	-0.03		ppb
Copper	63-2	-0.58	-0.52	-0.59	-0.56		ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				112		%
Holmium	165-2				109		%
Indium	115-1				110		%
Indium	115-2				105		%
Iron	56-2	1.16	0.81	1.08	1.02	18.07	ppb
Iron	57-2	1.18	0.74	0.74	0.89	29.00	ppb
Krypton	83-1						cps
Lead	206-1	0.03	0.05	0.04	0.04	32.85	ppb
Lead	207-1	0.01	0.02	0.01	0.01	72.70	ppb
Lead	208-1	0.02	0.03	0.02	0.02	33.26	ppb
Lithium	6-1				105		%
Magnesium	24-2	2.96	-0.33	-1.21	0.47	465.93	ppb

LB Number :	LB96823	Operator :	Jaswal
Lab Sample ID :	PB111276BL	Instrumnet Name :	P8
Client Sample ID :	PB111276BL	Dilution Factor :	1
Date & Time Acquired ::	2018-07-23 16:21:36	DataFile Name :	038CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	-0.26	-0.26	-0.29	-0.27		ppb
Molybdenum	94-1	0.25	0.21	0.24	0.23	8.80	ppb
Molybdenum	95-1	0.28	0.28	0.21	0.26	16.22	ppb
Molybdenum	96-1	0.24	0.21	0.22	0.22	5.60	ppb
Molybdenum	97-1	0.28	0.23	0.23	0.24	12.29	ppb
Molybdenum	98-1	0.23	0.20	0.24	0.22	8.49	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	-0.98	-1.09	-1.02	-1.03		ppb
Phosphorus	31-2	-11.98	-11.98	-11.98	-11.98		ppb
Potassium	39-2	8.49	-3.01	-14.11	-2.88		ppb
Rhodium	103-1				108		%
Rhodium	103-2				106		%
Scandium	45-1				105		%
Scandium	45-2				101		%
Selenium	77-2	-3.88	-3.88	-3.88	-3.88		ppb
Selenium	78-2	2.56	1.59	-0.33	1.27	115.30	ppb
Selenium	82-1	-0.32	-0.13	-0.61	-0.35		ppb
Silicon	28-1	-20.63	-19.01	-18.09	-19.24		ppb
Silver	109-1	0.03	0.03	0.05	0.04	22.96	ppb
Silver	107-1	0.03	0.04	0.04	0.04	17.32	ppb
Sodium	23-2	16.44	18.29	23.70	19.47	19.37	ppb
Strontium	86-1	0.01	0.05	-0.03	0.01	358.64	ppb
Strontium	88-1	0.00	0.00	0.01	0.01	56.78	ppb
Sulfur	34-1	-2696.41	-2245.26	-2146.34	-2362.67		ppb
Terbium	159-1				112		%
Terbium	159-2				108		%
Thallium	203-1	0.01	0.02	0.02	0.02	15.25	ppb
Thallium	205-1	0.02	0.02	0.03	0.02	22.69	ppb
Tin	118-1	0.01	0.00	-0.01	0.00		ppb
Titanium	47-1	0.06	0.02	0.04	0.04	60.91	ppb
Uranium	238-1	0.00	0.00	-0.01	0.00		ppb
Vanadium	51-2	0.00	0.02	0.00	0.01	209.67	ppb
Yttrium	89-1				108		%
Yttrium	89-2				104		%
Zinc	66-2	0.53	0.25	-0.05	0.24	120.43	ppb

LB Number :	LB96823	Operator :	Jaswal
Lab Sample ID :	PB111276BL	Instrumnet Name :	P8
Client Sample ID :	PB111276BL	Dilution Factor :	1
Date & Time Acquired ::	2018-07-23 16:21:36	DataFile Name :	038CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	90-1	0.03	0.03	0.04	0.03	18.01	ppb
Zirconium	91-1	0.05	0.01	0.03	0.03	76.19	ppb

LB Number :	LB96823	Operator :	Jaswal
Lab Sample ID :	PB111276BS	Instrumnet Name :	P8
Client Sample ID :	PB111276BS	Dilution Factor :	1
Date & Time Acquired ::	2018-07-23 16:24:57	DataFile Name :	039LCS6.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	9756.63	9837.71	9602.00	9732.12	1.23	ppb
Antimony	121-1	504.24	539.39	516.14	519.92	3.44	ppb
Arsenic	75-2	502.00	497.25	498.52	499.26	0.49	ppb
Barium	135-1	2545.60	2710.65	2602.93	2619.73	3.20	ppb
Barium	137-1	2519.22	2702.85	2592.97	2605.01	3.55	ppb
Beryllium	9-1	484.98	515.50	491.31	497.27	3.24	ppb
Bismuth	209-1				99		%
Bismuth	209-2				101		%
Boron	10-1	458.82	506.87	490.79	485.49	5.04	ppb
Boron	11-1	456.30	499.37	489.49	481.72	4.68	ppb
Cadmium	111-1	494.02	529.43	509.25	510.90	3.48	ppb
Cadmium	106-1	491.15	530.43	498.21	506.60	4.13	ppb
Cadmium	108-1	499.97	535.41	510.68	515.36	3.53	ppb
Calcium	43-1	49625.12	51880.62	51007.21	50837.65	2.24	ppb
Calcium	44-1	49743.99	52396.62	51214.93	51118.51	2.60	ppb
Chromium	52-2	506.07	518.07	498.59	507.58	1.94	ppb
Cobalt	59-2	507.09	515.23	498.39	506.90	1.66	ppb
Copper	63-2	1027.52	1039.30	1008.25	1025.02	1.53	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				101		%
Holmium	165-2				104		%
Indium	115-1				97		%
Indium	115-2				98		%
Iron	56-2	26309.23	26674.44	25901.44	26295.03	1.47	ppb
Iron	57-2	26021.32	26504.41	25434.29	25986.67	2.06	ppb
Krypton	83-1						cps
Lead	206-1	511.55	539.41	522.03	524.33	2.68	ppb
Lead	207-1	506.05	539.95	512.30	519.43	3.47	ppb
Lead	208-1	508.23	538.16	515.08	520.49	3.01	ppb
Lithium	6-1				95		%
Magnesium	24-2	52337.26	51744.15	50560.33	51547.25	1.76	ppb

LB Number :	LB96823	Operator :	Jaswal
Lab Sample ID :	PB111276BS	Instrumnet Name :	P8
Client Sample ID :	PB111276BS	Dilution Factor :	1
Date & Time Acquired ::	2018-07-23 16:24:57	DataFile Name :	039LCS6.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	1016.39	1033.68	998.74	1016.27	1.72	ppb
Molybdenum	94-1	2527.07	2685.88	2630.97	2614.64	3.08	ppb
Molybdenum	95-1	2530.51	2682.43	2592.09	2601.68	2.94	ppb
Molybdenum	96-1	2541.11	2711.64	2625.81	2626.19	3.25	ppb
Molybdenum	97-1	2550.71	2712.72	2635.65	2633.03	3.08	ppb
Molybdenum	98-1	2534.75	2703.91	2606.55	2615.07	3.25	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	513.15	522.25	503.64	513.01	1.81	ppb
Phosphorus	31-2	10750.00	9923.60	11436.27	10703.29	7.08	ppb
Potassium	39-2	24163.91	24410.47	23715.51	24096.63	1.46	ppb
Rhodium	103-1				95		%
Rhodium	103-2				98		%
Scandium	45-1				95		%
Scandium	45-2				95		%
Selenium	77-2	480.62	593.93	601.13	558.56	12.10	ppb
Selenium	78-2	453.26	490.35	480.24	474.61	4.04	ppb
Selenium	82-1	504.09	534.90	517.79	518.92	2.97	ppb
Silicon	28-1	438.81	475.80	457.06	457.23	4.05	ppb
Silver	109-1	511.08	544.87	519.91	525.29	3.34	ppb
Silver	107-1	510.67	545.58	519.55	525.27	3.45	ppb
Sodium	23-2	50390.57	51177.42	49209.51	50259.17	1.97	ppb
Strontium	86-1	500.79	538.89	515.45	518.38	3.71	ppb
Strontium	88-1	513.05	547.48	523.00	527.84	3.36	ppb
Sulfur	34-1	9878.99	11031.47	10406.35	10438.93	5.53	ppb
Terbium	159-1				101		%
Terbium	159-2				103		%
Thallium	203-1	512.02	543.95	522.05	526.01	3.10	ppb
Thallium	205-1	508.03	539.80	514.70	520.85	3.22	ppb
Tin	118-1	506.51	546.51	523.95	525.66	3.82	ppb
Titanium	47-1	2546.45	2709.59	2646.44	2634.16	3.12	ppb
Uranium	238-1	493.11	522.31	508.79	508.07	2.88	ppb
Vanadium	51-2	505.92	513.03	492.82	503.92	2.03	ppb
Yttrium	89-1				97		%
Yttrium	89-2				98		%
Zinc	66-2	1044.64	1051.63	1020.61	1038.96	1.57	ppb

LB Number :	LB96823	Operator :	Jaswal
Lab Sample ID :	PB111276BS	Instrumnet Name :	P8
Client Sample ID :	PB111276BS	Dilution Factor :	1
Date & Time Acquired ::	2018-07-23 16:24:57	DataFile Name :	039LCS6.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	90-1	510.02	546.81	518.58	525.14	3.67	ppb
Zirconium	91-1	499.92	535.42	515.99	517.11	3.44	ppb

LB Number : LB96823 Operator : Jaswal
 Lab Sample ID : J4052-01 Instrumnet Name : P8
 Client Sample ID : S1.1ST-1ST-SINK-WOM Dilution Factor : 1
 Date & Time Acquired :: 2018-07-23 16:28:09 DataFile Name : 040SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	15.33	13.59	14.33	14.41	6.07	ppb
Antimony	121-1	1.04	0.98	0.96	1.00	4.46	ppb
Arsenic	75-2	0.32	0.18	0.28	0.26	27.99	ppb
Barium	135-1	15.43	16.00	16.21	15.88	2.55	ppb
Barium	137-1	15.37	15.77	15.91	15.68	1.80	ppb
Beryllium	9-1	0.15	0.18	0.16	0.16	10.59	ppb
Bismuth	209-1				113		%
Bismuth	209-2				109		%
Boron	10-1	22.10	21.69	20.76	21.52	3.17	ppb
Boron	11-1	20.78	19.45	18.66	19.63	5.45	ppb
Cadmium	111-1	-0.30	-0.17	-0.22	-0.23		ppb
Cadmium	106-1	-4.88	-3.41	-3.37	-3.89		ppb
Cadmium	108-1	0.13	0.16	0.11	0.13	21.13	ppb
Calcium	43-1	5376.03	5250.88	5431.17	5352.70	1.73	ppb
Calcium	44-1	5546.69	5491.15	5495.97	5511.27	0.56	ppb
Chromium	52-2	0.22	0.01	0.15	0.13	83.72	ppb
Cobalt	59-2	0.01	0.01	0.02	0.02	40.44	ppb
Copper	63-2	85.96	81.65	82.15	83.25	2.83	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				114		%
Holmium	165-2				109		%
Indium	115-1				111		%
Indium	115-2				105		%
Iron	56-2	31.70	32.12	30.14	31.32	3.33	ppb
Iron	57-2	35.11	33.95	35.17	34.74	1.99	ppb
Krypton	83-1						cps
Lead	206-1	24.22	23.49	24.36	24.02	1.95	ppb
Lead	207-1	21.21	21.10	21.44	21.25	0.81	ppb
Lead	208-1	22.46	22.17	22.70	22.44	1.17	ppb
Lithium	6-1				106		%
Magnesium	24-2	1098.62	1039.74	1071.50	1069.95	2.75	ppb

LB Number :	LB96823	Operator :	Jaswal
Lab Sample ID :	J4052-01	Instrumnet Name :	P8
Client Sample ID :	S1.1ST-1ST-SINK-WOM	Dilution Factor :	1
Date & Time Acquired ::	2018-07-23 16:28:09	DataFile Name :	040SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	20.90	19.48	19.45	19.94	4.17	ppb
Molybdenum	94-1	1.98	1.70	1.67	1.78	9.48	ppb
Molybdenum	95-1	1.27	1.08	0.97	1.11	13.72	ppb
Molybdenum	96-1	1.28	1.30	1.03	1.20	12.55	ppb
Molybdenum	97-1	1.12	1.04	1.04	1.07	4.09	ppb
Molybdenum	98-1	1.27	1.05	0.93	1.08	16.18	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.36	0.07	0.01	0.15	129.02	ppb
Phosphorus	31-2	497.35	857.31	1101.67	818.78	37.13	ppb
Potassium	39-2	495.52	455.69	500.49	483.90	5.07	ppb
Rhodium	103-1				110		%
Rhodium	103-2				106		%
Scandium	45-1				107		%
Scandium	45-2				100		%
Selenium	77-2	-3.88	-3.88	-3.88	-3.88		ppb
Selenium	78-2	-0.33	-0.33	-0.33	-0.33		ppb
Selenium	82-1	0.11	0.26	0.23	0.20	39.22	ppb
Silicon	28-1	740.55	736.47	749.24	742.09	0.88	ppb
Silver	109-1	0.05	0.06	0.06	0.06	9.44	ppb
Silver	107-1	0.07	0.06	0.05	0.06	16.23	ppb
Sodium	23-2	10029.18	9499.30	9529.95	9686.14	3.07	ppb
Strontium	86-1	18.60	19.01	19.19	18.93	1.58	ppb
Strontium	88-1	19.12	19.16	19.57	19.28	1.28	ppb
Sulfur	34-1	-1817.26	-1707.98	-1480.27	-1668.50		ppb
Terbium	159-1				113		%
Terbium	159-2				108		%
Thallium	203-1	0.10	0.07	0.06	0.08	30.14	ppb
Thallium	205-1	0.08	0.09	0.06	0.08	15.55	ppb
Tin	118-1	0.31	0.34	0.26	0.30	12.46	ppb
Titanium	47-1	0.75	0.61	0.57	0.65	14.81	ppb
Uranium	238-1	0.04	0.04	0.03	0.04	16.99	ppb
Vanadium	51-2	0.08	0.11	0.03	0.07	59.49	ppb
Yttrium	89-1				111		%
Yttrium	89-2				105		%
Zinc	66-2	16.38	14.51	13.48	14.79	9.94	ppb

LB Number :	LB96823	Operator :	Jaswal
Lab Sample ID :	J4052-01	Instrumnet Name :	P8
Client Sample ID :	S1.1ST-1ST-SINK-WOM	Dilution Factor :	1
Date & Time Acquired ::	2018-07-23 16:28:09	DataFile Name :	040SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	90-1	0.69	0.60	0.54	0.61	12.05	ppb
Zirconium	91-1	0.61	0.67	0.53	0.60	11.64	ppb

LB Number : LB96823 Operator : Jaswal
 Lab Sample ID : J4052-02 Instrumnet Name : P8
 Client Sample ID : S1.2ND-1ST-SINK-WOM Dilution Factor : 1
 Date & Time Acquired :: 2018-07-23 16:31:28 DataFile Name : 041SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	10.66	15.51	19.77	15.32	29.77	ppb
Antimony	121-1	0.33	0.34	0.30	0.32	6.60	ppb
Arsenic	75-2	0.40	0.24	0.24	0.30	31.45	ppb
Barium	135-1	14.78	15.78	15.02	15.19	3.43	ppb
Barium	137-1	15.37	15.01	15.38	15.25	1.40	ppb
Beryllium	9-1	0.04	0.09	0.06	0.06	42.22	ppb
Bismuth	209-1				113		%
Bismuth	209-2				109		%
Boron	10-1	9.62	12.04	11.92	11.19	12.19	ppb
Boron	11-1	10.95	10.72	10.55	10.74	1.87	ppb
Cadmium	111-1	-0.23	-0.20	-0.31	-0.25		ppb
Cadmium	106-1	-3.48	-2.92	-4.79	-3.73		ppb
Cadmium	108-1	-0.04	0.13	-0.01	0.03	349.03	ppb
Calcium	43-1	5336.20	5361.82	5414.06	5370.69	0.74	ppb
Calcium	44-1	5429.31	5468.36	5476.00	5457.89	0.46	ppb
Chromium	52-2	0.05	0.13	0.13	0.11	44.33	ppb
Cobalt	59-2	0.00	-0.01	-0.02	-0.01		ppb
Copper	63-2	42.42	41.61	42.19	42.07	0.98	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				113		%
Holmium	165-2				110		%
Indium	115-1				110		%
Indium	115-2				106		%
Iron	56-2	24.93	26.34	26.12	25.80	2.95	ppb
Iron	57-2	34.62	23.20	24.16	27.33	23.19	ppb
Krypton	83-1						cps
Lead	206-1	51.73	51.55	51.46	51.58	0.26	ppb
Lead	207-1	45.37	45.31	45.19	45.29	0.20	ppb
Lead	208-1	48.34	47.90	48.13	48.12	0.46	ppb
Lithium	6-1				105		%
Magnesium	24-2	1015.95	1097.45	1040.62	1051.34	3.98	ppb

LB Number :	LB96823	Operator :	Jaswal
Lab Sample ID :	J4052-02	Instrumnet Name :	P8
Client Sample ID :	S1.2ND-1ST-SINK-WOM	Dilution Factor :	1
Date & Time Acquired ::	2018-07-23 16:31:28	DataFile Name :	041SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	15.05	14.85	14.75	14.88	1.02	ppb
Molybdenum	94-1	0.69	0.65	0.58	0.64	9.22	ppb
Molybdenum	95-1	0.31	0.30	0.31	0.31	0.63	ppb
Molybdenum	96-1	0.33	0.34	0.33	0.33	0.20	ppb
Molybdenum	97-1	0.39	0.28	0.28	0.32	20.43	ppb
Molybdenum	98-1	0.32	0.32	0.29	0.31	5.50	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	-0.83	-0.68	-0.69	-0.73		ppb
Phosphorus	31-2	909.75	603.14	722.65	745.18	20.74	ppb
Potassium	39-2	494.64	471.90	467.52	478.02	3.05	ppb
Rhodium	103-1				109		%
Rhodium	103-2				107		%
Scandium	45-1				107		%
Scandium	45-2				101		%
Selenium	77-2	-3.88	-3.88	-3.88	-3.88		ppb
Selenium	78-2	0.61	0.63	-0.33	0.30	180.71	ppb
Selenium	82-1	0.01	-0.14	0.03	-0.03		ppb
Silicon	28-1	752.62	733.66	763.80	750.03	2.03	ppb
Silver	109-1	0.03	0.03	0.04	0.03	5.46	ppb
Silver	107-1	0.03	0.03	0.02	0.03	14.32	ppb
Sodium	23-2	9606.99	9566.80	9512.81	9562.20	0.49	ppb
Strontium	86-1	18.80	18.57	19.19	18.85	1.68	ppb
Strontium	88-1	19.03	19.17	19.32	19.17	0.74	ppb
Sulfur	34-1	-1622.96	-1520.93	-1319.29	-1487.72		ppb
Terbium	159-1				114		%
Terbium	159-2				110		%
Thallium	203-1	0.03	0.01	0.02	0.02	40.37	ppb
Thallium	205-1	0.04	0.04	0.03	0.04	13.44	ppb
Tin	118-1	0.06	0.07	0.05	0.06	17.69	ppb
Titanium	47-1	0.44	0.56	0.55	0.52	13.15	ppb
Uranium	238-1	0.02	0.01	0.02	0.01	13.83	ppb
Vanadium	51-2	0.11	0.06	0.08	0.08	31.02	ppb
Yttrium	89-1				110		%
Yttrium	89-2				106		%
Zinc	66-2	6.99	6.43	6.76	6.73	4.17	ppb

LB Number :	LB96823	Operator :	Jaswal
Lab Sample ID :	J4052-02	Instrumnet Name :	P8
Client Sample ID :	S1.2ND-1ST-SINK-WOM	Dilution Factor :	1
Date & Time Acquired ::	2018-07-23 16:31:28	DataFile Name :	041SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	90-1	0.27	0.27	0.23	0.26	9.08	ppb
Zirconium	91-1	0.25	0.23	0.22	0.23	5.02	ppb

LB Number : LB96823 Operator : Jaswal
 Lab Sample ID : J4052-03 Instrumnet Name : P8
 Client Sample ID : S2.1ST-2ND-SINK-WOM Dilution Factor : 1
 Date & Time Acquired :: 2018-07-23 16:34:48 DataFile Name : 042SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	15.90	10.06	10.14	12.03	27.82	ppb
Antimony	121-1	0.23	0.20	0.19	0.21	11.15	ppb
Arsenic	75-2	0.13	0.44	0.03	0.20	106.59	ppb
Barium	135-1	15.02	15.64	15.75	15.47	2.56	ppb
Barium	137-1	15.28	15.57	15.66	15.50	1.29	ppb
Beryllium	9-1	0.02	0.00	0.03	0.02	95.01	ppb
Bismuth	209-1				112		%
Bismuth	209-2				110		%
Boron	10-1	7.70	9.82	8.69	8.73	12.14	ppb
Boron	11-1	7.92	7.95	8.54	8.14	4.27	ppb
Cadmium	111-1	-0.26	-0.28	-0.13	-0.22		ppb
Cadmium	106-1	-3.73	-3.92	-2.08	-3.24		ppb
Cadmium	108-1	0.05	0.02	0.02	0.03	56.32	ppb
Calcium	43-1	5169.27	5321.92	5343.88	5278.35	1.80	ppb
Calcium	44-1	5312.05	5359.63	5378.16	5349.95	0.64	ppb
Chromium	52-2	0.14	0.18	0.08	0.13	38.66	ppb
Cobalt	59-2	0.00	0.00	0.01	0.01	127.45	ppb
Copper	63-2	74.76	73.60	70.69	73.02	2.87	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				111		%
Indium	115-1				110		%
Indium	115-2				107		%
Iron	56-2	30.73	30.88	29.78	30.46	1.96	ppb
Iron	57-2	32.86	32.79	29.15	31.60	6.72	ppb
Krypton	83-1						cps
Lead	206-1	109.71	110.43	112.99	111.04	1.55	ppb
Lead	207-1	96.06	97.35	99.28	97.56	1.66	ppb
Lead	208-1	102.48	103.36	105.23	103.69	1.36	ppb
Lithium	6-1				106		%
Magnesium	24-2	1072.73	1025.80	1018.33	1038.95	2.84	ppb

LB Number : LB96823 Operator : Jaswal
 Lab Sample ID : J4052-03 Instrumnet Name : P8
 Client Sample ID : S2.1ST-2ND-SINK-WOM Dilution Factor : 1
 Date & Time Acquired :: 2018-07-23 16:34:48 DataFile Name : 042SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	19.13	21.82	18.41	19.79	9.10	ppb
Molybdenum	94-1	0.39	0.36	0.35	0.37	6.38	ppb
Molybdenum	95-1	0.16	0.19	0.15	0.17	14.05	ppb
Molybdenum	96-1	0.21	0.20	0.22	0.21	5.24	ppb
Molybdenum	97-1	0.20	0.15	0.18	0.18	14.45	ppb
Molybdenum	98-1	0.18	0.20	0.19	0.19	5.11	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	-0.19	-0.48	-0.55	-0.41		ppb
Phosphorus	31-2	619.12	909.87	848.84	792.61	19.34	ppb
Potassium	39-2	443.71	470.75	421.97	445.47	5.49	ppb
Rhodium	103-1				109		%
Rhodium	103-2				107		%
Scandium	45-1				107		%
Scandium	45-2				103		%
Selenium	77-2	-3.88	-3.88	-3.88	-3.88		ppb
Selenium	78-2	-0.33	-0.33	2.47	0.61	267.02	ppb
Selenium	82-1	0.58	-0.41	-0.07	0.03	1642.43	ppb
Silicon	28-1	731.70	756.32	745.18	744.40	1.66	ppb
Silver	109-1	0.03	0.02	0.02	0.03	31.57	ppb
Silver	107-1	0.02	0.02	0.02	0.02	8.58	ppb
Sodium	23-2	9522.24	9594.03	9071.48	9395.92	3.01	ppb
Strontium	86-1	19.40	19.14	19.33	19.29	0.70	ppb
Strontium	88-1	19.10	19.42	19.53	19.35	1.14	ppb
Sulfur	34-1	-1724.96	-1457.19	-1353.72	-1511.96		ppb
Terbium	159-1				112		%
Terbium	159-2				110		%
Thallium	203-1	0.02	0.02	0.02	0.02	18.27	ppb
Thallium	205-1	0.02	0.02	0.01	0.02	36.84	ppb
Tin	118-1	0.11	0.12	0.15	0.13	18.18	ppb
Titanium	47-1	0.54	0.49	0.80	0.61	28.08	ppb
Uranium	238-1	0.01	0.01	0.01	0.01	23.21	ppb
Vanadium	51-2	0.06	0.06	0.05	0.06	6.98	ppb
Yttrium	89-1				108		%
Yttrium	89-2				106		%
Zinc	66-2	10.96	11.63	10.86	11.15	3.77	ppb

LB Number :	LB96823	Operator :	Jaswal
Lab Sample ID :	J4052-03	Instrumnet Name :	P8
Client Sample ID :	S2.1ST-2ND-SINK-WOM	Dilution Factor :	1
Date & Time Acquired ::	2018-07-23 16:34:48	DataFile Name :	042SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	90-1	0.22	0.18	0.16	0.19	16.63	ppb
Zirconium	91-1	0.20	0.17	0.17	0.18	9.35	ppb

LB Number :	LB96823	Operator :	Jaswal
Lab Sample ID :	J4052-04	Instrumnet Name :	P8
Client Sample ID :	S2.2ND-2ND-SINK-WON	Dilution Factor :	1
Date & Time Acquired ::	2018-07-23 16:38:07	DataFile Name :	043SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	12.90	10.69	8.29	10.62	21.70	ppb
Antimony	121-1	0.13	0.17	0.18	0.16	14.34	ppb
Arsenic	75-2	0.35	0.36	0.24	0.32	21.25	ppb
Barium	135-1	14.83	15.16	15.67	15.22	2.76	ppb
Barium	137-1	15.66	14.85	15.27	15.26	2.68	ppb
Beryllium	9-1	0.02	0.04	0.02	0.02	43.94	ppb
Bismuth	209-1				112		%
Bismuth	209-2				109		%
Boron	10-1	7.16	7.52	8.39	7.69	8.16	ppb
Boron	11-1	7.12	7.13	7.49	7.24	2.91	ppb
Cadmium	111-1	-0.21	-0.28	-0.18	-0.22		ppb
Cadmium	106-1	-3.01	-3.86	-2.60	-3.16		ppb
Cadmium	108-1	0.05	0.08	-0.07	0.02	430.80	ppb
Calcium	43-1	5502.05	5428.34	5313.17	5414.52	1.76	ppb
Calcium	44-1	5537.05	5410.96	5398.87	5448.96	1.40	ppb
Chromium	52-2	0.13	0.07	0.13	0.11	33.19	ppb
Cobalt	59-2	0.00	-0.01	-0.03	-0.02		ppb
Copper	63-2	43.28	40.73	42.92	42.31	3.25	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				113		%
Holmium	165-2				110		%
Indium	115-1				110		%
Indium	115-2				106		%
Iron	56-2	25.05	25.03	26.54	25.54	3.38	ppb
Iron	57-2	26.94	25.59	26.02	26.18	2.64	ppb
Krypton	83-1						cps
Lead	206-1	71.28	70.59	70.10	70.66	0.84	ppb
Lead	207-1	62.66	61.88	61.88	62.14	0.73	ppb
Lead	208-1	66.80	65.68	65.67	66.05	0.98	ppb
Lithium	6-1				105		%
Magnesium	24-2	1044.00	1015.06	1062.57	1040.54	2.30	ppb

LB Number :	LB96823	Operator :	Jaswal
Lab Sample ID :	J4052-04	Instrumnet Name :	P8
Client Sample ID :	S2.2ND-2ND-SINK-WOM	Dilution Factor :	1
Date & Time Acquired ::	2018-07-23 16:38:07	DataFile Name :	043SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	15.15	15.15	15.72	15.34	2.13	ppb
Molybdenum	94-1	0.37	0.27	0.26	0.30	19.96	ppb
Molybdenum	95-1	0.13	0.13	0.14	0.13	4.97	ppb
Molybdenum	96-1	0.15	0.13	0.11	0.13	14.80	ppb
Molybdenum	97-1	0.12	0.09	0.10	0.10	12.15	ppb
Molybdenum	98-1	0.12	0.11	0.12	0.12	7.39	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	-0.92	-1.23	-0.95	-1.03		ppb
Phosphorus	31-2	688.48	417.65	509.83	538.65	25.56	ppb
Potassium	39-2	450.76	438.73	434.40	441.30	1.92	ppb
Rhodium	103-1				108		%
Rhodium	103-2				107		%
Scandium	45-1				107		%
Scandium	45-2				103		%
Selenium	77-2	-3.88	-3.88	-3.88	-3.88		ppb
Selenium	78-2	0.62	-0.33	0.62	0.30	180.29	ppb
Selenium	82-1	0.04	-0.26	0.21	0.00		ppb
Silicon	28-1	735.25	731.81	732.81	733.29	0.24	ppb
Silver	109-1	0.03	0.02	0.02	0.03	23.93	ppb
Silver	107-1	0.02	0.02	0.02	0.02	12.13	ppb
Sodium	23-2	9499.91	9259.96	9576.35	9445.41	1.75	ppb
Strontium	86-1	19.44	18.65	19.44	19.18	2.38	ppb
Strontium	88-1	19.30	18.99	19.15	19.15	0.80	ppb
Sulfur	34-1	-1241.14	-1493.81	-1355.69	-1363.55		ppb
Terbium	159-1				113		%
Terbium	159-2				110		%
Thallium	203-1	0.01	0.01	0.02	0.01	67.20	ppb
Thallium	205-1	0.01	0.02	0.01	0.01	53.15	ppb
Tin	118-1	0.32	0.28	0.32	0.31	6.86	ppb
Titanium	47-1	0.51	0.40	0.34	0.42	21.37	ppb
Uranium	238-1	0.01	0.01	0.01	0.01	13.84	ppb
Vanadium	51-2	0.09	0.07	0.09	0.08	12.85	ppb
Yttrium	89-1				109		%
Yttrium	89-2				106		%
Zinc	66-2	2.89	3.55	3.27	3.24	10.22	ppb

LB Number :	LB96823	Operator :	Jaswal
Lab Sample ID :	J4052-04	Instrumnet Name :	P8
Client Sample ID :	S2.2ND-2ND-SINK-WOM	Dilution Factor :	1
Date & Time Acquired ::	2018-07-23 16:38:07	DataFile Name :	043SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	90-1	0.17	0.14	0.16	0.15	10.16	ppb
Zirconium	91-1	0.20	0.17	0.12	0.17	24.05	ppb

LB Number :	LB96823	Operator :	Jaswal
Lab Sample ID :	J4052-05	Instrumnet Name :	P8
Client Sample ID :	S3.1ST-3RD-SINK-WOM	Dilution Factor :	1
Date & Time Acquired ::	2018-07-23 16:41:26	DataFile Name :	044SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	16.33	11.84	14.98	14.38	16.02	ppb
Antimony	121-1	0.13	0.10	0.14	0.13	15.48	ppb
Arsenic	75-2	0.14	0.35	0.35	0.28	43.92	ppb
Barium	135-1	15.08	15.11	15.55	15.24	1.73	ppb
Barium	137-1	15.16	15.19	15.36	15.24	0.69	ppb
Beryllium	9-1	0.02	0.02	-0.03	0.00	1324.35	ppb
Bismuth	209-1				112		%
Bismuth	209-2				108		%
Boron	10-1	7.88	7.13	6.62	7.21	8.79	ppb
Boron	11-1	6.98	7.09	6.79	6.95	2.14	ppb
Cadmium	111-1	-0.29	-0.25	-0.23	-0.26		ppb
Cadmium	106-1	-4.02	-3.60	-3.25	-3.62		ppb
Cadmium	108-1	0.10	-0.07	-0.01	0.01	995.49	ppb
Calcium	43-1	5289.06	5226.22	5322.98	5279.42	0.93	ppb
Calcium	44-1	5392.10	5332.02	5453.04	5392.39	1.12	ppb
Chromium	52-2	0.04	0.12	0.05	0.07	61.61	ppb
Cobalt	59-2	0.02	0.00	0.03	0.02	88.89	ppb
Copper	63-2	93.68	92.03	92.40	92.70	0.93	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				111		%
Holmium	165-2				110		%
Indium	115-1				110		%
Indium	115-2				106		%
Iron	56-2	32.58	32.93	32.87	32.80	0.57	ppb
Iron	57-2	31.85	33.17	31.13	32.05	3.23	ppb
Krypton	83-1						cps
Lead	206-1	118.96	116.71	119.93	118.53	1.39	ppb
Lead	207-1	103.75	102.51	105.22	103.83	1.30	ppb
Lead	208-1	110.58	109.32	111.75	110.55	1.10	ppb
Lithium	6-1				105		%
Magnesium	24-2	1054.89	1069.71	1073.05	1065.89	0.91	ppb

LB Number :	LB96823	Operator :	Jaswal
Lab Sample ID :	J4052-05	Instrumnet Name :	P8
Client Sample ID :	S3.1ST-3RD-SINK-WOM	Dilution Factor :	1
Date & Time Acquired ::	2018-07-23 16:41:26	DataFile Name :	044SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	19.52	19.55	20.11	19.73	1.67	ppb
Molybdenum	94-1	0.24	0.20	0.24	0.23	9.79	ppb
Molybdenum	95-1	0.09	0.06	0.08	0.08	14.21	ppb
Molybdenum	96-1	0.10	0.09	0.06	0.08	25.08	ppb
Molybdenum	97-1	0.07	0.08	0.11	0.09	27.59	ppb
Molybdenum	98-1	0.06	0.08	0.07	0.07	13.47	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	6.28	6.48	6.28	6.35	1.86	ppb
Phosphorus	31-2	706.30	695.49	463.14	621.64	22.10	ppb
Potassium	39-2	456.91	473.51	455.17	461.86	2.19	ppb
Rhodium	103-1				107		%
Rhodium	103-2				106		%
Scandium	45-1				107		%
Scandium	45-2				100		%
Selenium	77-2	-3.88	-3.88	-3.88	-3.88		ppb
Selenium	78-2	0.63	-0.33	0.63	0.31	177.80	ppb
Selenium	82-1	0.30	0.04	-0.49	-0.05		ppb
Silicon	28-1	791.57	734.53	736.12	754.07	4.31	ppb
Silver	109-1	0.03	0.02	0.03	0.03	6.26	ppb
Silver	107-1	0.03	0.02	0.03	0.02	23.57	ppb
Sodium	23-2	9614.28	9484.50	9518.45	9539.07	0.71	ppb
Strontium	86-1	18.72	18.54	18.88	18.71	0.92	ppb
Strontium	88-1	18.76	19.07	19.29	19.04	1.42	ppb
Sulfur	34-1	-1177.77	-1260.15	-1055.61	-1164.51		ppb
Terbium	159-1				112		%
Terbium	159-2				109		%
Thallium	203-1	0.01	0.01	0.02	0.02	27.49	ppb
Thallium	205-1	0.02	0.01	0.02	0.02	22.39	ppb
Tin	118-1	0.05	0.04	0.03	0.04	26.38	ppb
Titanium	47-1	0.27	0.42	0.46	0.38	26.62	ppb
Uranium	238-1	0.01	0.01	0.01	0.01	40.25	ppb
Vanadium	51-2	0.05	0.09	0.05	0.06	32.77	ppb
Yttrium	89-1				109		%
Yttrium	89-2				105		%
Zinc	66-2	31.47	30.51	31.02	31.00	1.57	ppb

LB Number :	LB96823	Operator :	Jaswal
Lab Sample ID :	J4052-05	Instrumnet Name :	P8
Client Sample ID :	S3.1ST-3RD-SINK-WOM	Dilution Factor :	1
Date & Time Acquired ::	2018-07-23 16:41:26	DataFile Name :	044SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	90-1	0.12	0.12	0.11	0.12	3.58	ppb
Zirconium	91-1	0.10	0.11	0.11	0.11	5.24	ppb

LB Number : LB96823 Operator : Jaswal
 Lab Sample ID : J4052-06 Instrumnet Name : P8
 Client Sample ID : S3.2ND-3RD-SINK-WOM Dilution Factor : 1
 Date & Time Acquired :: 2018-07-23 16:44:46 DataFile Name : 045SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	16.42	18.98	13.43	16.28	17.06	ppb
Antimony	121-1	0.11	0.11	0.11	0.11	3.29	ppb
Arsenic	75-2	0.27	0.20	0.16	0.21	25.15	ppb
Barium	135-1	15.72	16.49	14.61	15.61	6.07	ppb
Barium	137-1	15.71	16.25	14.87	15.61	4.46	ppb
Beryllium	9-1	-0.02	0.03	0.02	0.01	242.81	ppb
Bismuth	209-1				108		%
Bismuth	209-2				107		%
Boron	10-1	7.74	7.01	6.92	7.22	6.28	ppb
Boron	11-1	6.31	6.94	7.13	6.79	6.29	ppb
Cadmium	111-1	-0.26	-0.13	-0.32	-0.24		ppb
Cadmium	106-1	-3.77	-1.96	-4.33	-3.35		ppb
Cadmium	108-1	0.02	0.00	0.11	0.04	143.26	ppb
Calcium	43-1	5379.94	5670.40	5196.49	5415.61	4.41	ppb
Calcium	44-1	5430.94	5746.14	5320.52	5499.20	4.02	ppb
Chromium	52-2	0.22	0.19	0.25	0.22	14.15	ppb
Cobalt	59-2	-0.01	0.02	0.00	0.00	2387.46	ppb
Copper	63-2	42.95	41.01	42.31	42.09	2.35	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				108		%
Holmium	165-2				108		%
Indium	115-1				107		%
Indium	115-2				104		%
Iron	56-2	24.72	24.63	25.19	24.85	1.21	ppb
Iron	57-2	32.95	19.38	27.52	26.61	25.67	ppb
Krypton	83-1						cps
Lead	206-1	44.74	48.05	43.77	45.52	4.93	ppb
Lead	207-1	39.04	42.15	38.12	39.77	5.31	ppb
Lead	208-1	41.42	44.74	40.73	42.30	5.07	ppb
Lithium	6-1				101		%
Magnesium	24-2	1089.14	1047.00	1086.87	1074.34	2.21	ppb

LB Number : LB96823 Operator : Jaswal
 Lab Sample ID : J4052-06 Instrumnet Name : P8
 Client Sample ID : S3.2ND-3RD-SINK-WOM Dilution Factor : 1
 Date & Time Acquired :: 2018-07-23 16:44:46 DataFile Name : 045SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	16.09	14.05	14.73	14.96	6.93	ppb
Molybdenum	94-1	0.20	0.25	0.17	0.21	18.12	ppb
Molybdenum	95-1	0.09	0.07	0.06	0.08	18.35	ppb
Molybdenum	96-1	0.06	0.08	0.06	0.07	19.24	ppb
Molybdenum	97-1	0.07	0.10	0.05	0.07	27.80	ppb
Molybdenum	98-1	0.06	0.06	0.04	0.05	28.73	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.10	-0.33	-0.20	-0.14		ppb
Phosphorus	31-2	613.58	763.15	641.24	672.66	11.83	ppb
Potassium	39-2	429.98	486.50	499.44	471.97	7.83	ppb
Rhodium	103-1				105		%
Rhodium	103-2				105		%
Scandium	45-1				104		%
Scandium	45-2				100		%
Selenium	77-2	-3.88	-3.88	-3.88	-3.88		ppb
Selenium	78-2	0.64	0.63	1.63	0.97	59.76	ppb
Selenium	82-1	-0.09	0.14	-0.42	-0.12		ppb
Silicon	28-1	738.91	807.90	722.12	756.31	6.01	ppb
Silver	109-1	0.02	0.02	0.01	0.01	31.73	ppb
Silver	107-1	0.01	0.01	0.02	0.01	30.99	ppb
Sodium	23-2	9699.18	9321.71	9685.26	9568.72	2.24	ppb
Strontium	86-1	18.24	20.04	18.94	19.08	4.76	ppb
Strontium	88-1	19.41	20.63	19.00	19.68	4.30	ppb
Sulfur	34-1	-1127.57	-24.71	-1089.00	-747.09		ppb
Terbium	159-1				109		%
Terbium	159-2				108		%
Thallium	203-1	0.01	0.00	0.00	0.01	74.24	ppb
Thallium	205-1	0.01	0.01	0.01	0.01	22.04	ppb
Tin	118-1	-0.06	-0.07	-0.07	-0.07		ppb
Titanium	47-1	0.43	0.54	0.35	0.44	21.02	ppb
Uranium	238-1	0.01	0.01	0.00	0.01	35.08	ppb
Vanadium	51-2	0.08	0.07	0.04	0.06	31.62	ppb
Yttrium	89-1				106		%
Yttrium	89-2				104		%
Zinc	66-2	4.37	4.46	5.65	4.83	14.73	ppb

LB Number :	LB96823	Operator :	Jaswal
Lab Sample ID :	J4052-06	Instrumnet Name :	P8
Client Sample ID :	S3.2ND-3RD-SINK-WOM	Dilution Factor :	1
Date & Time Acquired ::	2018-07-23 16:44:46	DataFile Name :	045SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	90-1	0.13	0.13	0.10	0.12	16.20	ppb
Zirconium	91-1	0.10	0.13	0.11	0.11	12.22	ppb

LB Number : LB96823 Operator : Jaswal
 Lab Sample ID : J4052-07 Instrumnet Name : P8
 Client Sample ID : MS.1ST-MAIN-SINK(1ST Dilution Factor : 1
 Date & Time Acquired :: 2018-07-23 16:48:05 DataFile Name : 046SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	4.62	10.87	6.35	7.28	44.29	ppb
Antimony	121-1	0.28	0.29	0.30	0.29	3.74	ppb
Arsenic	75-2	0.20	0.29	0.24	0.24	18.88	ppb
Barium	135-1	15.33	15.13	15.13	15.20	0.76	ppb
Barium	137-1	15.57	15.40	15.21	15.39	1.17	ppb
Beryllium	9-1	-0.01	-0.02	0.01	0.00		ppb
Bismuth	209-1				110		%
Bismuth	209-2				108		%
Boron	10-1	5.68	6.58	6.73	6.33	8.95	ppb
Boron	11-1	6.41	6.31	6.23	6.32	1.45	ppb
Cadmium	111-1	-0.11	-0.12	-0.32	-0.18		ppb
Cadmium	106-1	-1.67	-1.93	-4.53	-2.71		ppb
Cadmium	108-1	-0.04	0.02	-0.01	-0.01		ppb
Calcium	43-1	5352.23	5453.73	5430.28	5412.08	0.98	ppb
Calcium	44-1	5430.74	5437.01	5416.92	5428.22	0.19	ppb
Chromium	52-2	0.02	0.01	0.06	0.03	76.58	ppb
Cobalt	59-2	0.04	0.00	0.01	0.02	130.77	ppb
Copper	63-2	246.86	250.43	246.58	247.96	0.86	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				112		%
Holmium	165-2				109		%
Indium	115-1				109		%
Indium	115-2				105		%
Iron	56-2	17.80	18.39	17.13	17.77	3.55	ppb
Iron	57-2	19.03	16.60	17.94	17.85	6.82	ppb
Krypton	83-1						cps
Lead	206-1	30.69	31.44	31.23	31.12	1.25	ppb
Lead	207-1	27.72	27.42	27.88	27.68	0.84	ppb
Lead	208-1	29.03	29.22	29.42	29.22	0.68	ppb
Lithium	6-1				105		%
Magnesium	24-2	1066.65	1070.72	1063.46	1066.94	0.34	ppb

LB Number :	LB96823	Operator :	Jaswal
Lab Sample ID :	J4052-07	Instrumnet Name :	P8
Client Sample ID :	MS.1ST-MAIN-SINK(1ST	Dilution Factor :	1
Date & Time Acquired ::	2018-07-23 16:48:05	DataFile Name :	046SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	8.84	9.24	9.46	9.18	3.41	ppb
Molybdenum	94-1	0.18	0.14	0.19	0.17	14.67	ppb
Molybdenum	95-1	0.07	0.07	0.03	0.06	43.84	ppb
Molybdenum	96-1	0.07	0.07	0.05	0.06	17.19	ppb
Molybdenum	97-1	0.08	0.04	0.05	0.06	36.47	ppb
Molybdenum	98-1	0.04	0.04	0.05	0.04	17.37	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.83	0.68	0.77	0.76	10.13	ppb
Phosphorus	31-2	531.02	780.48	619.83	643.78	19.64	ppb
Potassium	39-2	428.70	483.07	445.57	452.45	6.15	ppb
Rhodium	103-1				108		%
Rhodium	103-2				106		%
Scandium	45-1				106		%
Scandium	45-2				101		%
Selenium	77-2	-3.88	-3.88	-3.88	-3.88		ppb
Selenium	78-2	1.58	0.64	2.52	1.58	59.40	ppb
Selenium	82-1	-0.22	0.26	0.10	0.05	510.51	ppb
Silicon	28-1	749.42	745.49	751.13	748.68	0.39	ppb
Silver	109-1	0.02	0.02	0.03	0.03	33.35	ppb
Silver	107-1	0.02	0.02	0.03	0.02	20.88	ppb
Sodium	23-2	9607.87	9683.01	9493.82	9594.90	0.99	ppb
Strontium	86-1	19.37	18.71	19.24	19.11	1.81	ppb
Strontium	88-1	19.55	19.48	19.52	19.52	0.18	ppb
Sulfur	34-1	-920.60	-923.30	-912.18	-918.69		ppb
Terbium	159-1				111		%
Terbium	159-2				109		%
Thallium	203-1	0.01	0.00	0.02	0.01	105.14	ppb
Thallium	205-1	0.01	0.02	0.01	0.01	23.48	ppb
Tin	118-1	-0.12	-0.13	-0.13	-0.13		ppb
Titanium	47-1	0.18	0.23	0.31	0.24	26.34	ppb
Uranium	238-1	0.00	0.00	0.00	0.00		ppb
Vanadium	51-2	0.09	0.06	0.09	0.08	21.71	ppb
Yttrium	89-1				108		%
Yttrium	89-2				105		%
Zinc	66-2	9.98	10.77	12.04	10.93	9.51	ppb

LB Number :	LB96823	Operator :	Jaswal
Lab Sample ID :	J4052-07	Instrumnet Name :	P8
Client Sample ID :	MS.1ST-MAIN-SINK(1ST	Dilution Factor :	1
Date & Time Acquired ::	2018-07-23 16:48:05	DataFile Name :	046SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	90-1	0.07	0.09	0.08	0.08	15.18	ppb
Zirconium	91-1	0.08	0.09	0.10	0.09	9.03	ppb

LB Number :	LB96823	Operator :	Jaswal
Lab Sample ID :	J4052-08	Instrumnet Name :	P8
Client Sample ID :	MS.2ND-MAIN-SINK(2NI	Dilution Factor :	1
Date & Time Acquired ::	2018-07-23 16:51:25	DataFile Name :	047SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	14.04	10.59	6.67	10.43	35.32	ppb
Antimony	121-1	0.08	0.10	0.06	0.08	20.54	ppb
Arsenic	75-2	0.25	0.22	0.10	0.19	42.04	ppb
Barium	135-1	15.25	15.73	15.70	15.56	1.74	ppb
Barium	137-1	15.10	15.69	15.23	15.34	2.01	ppb
Beryllium	9-1	0.00	0.00	-0.01	0.00		ppb
Bismuth	209-1				108		%
Bismuth	209-2				106		%
Boron	10-1	6.10	6.46	6.94	6.50	6.53	ppb
Boron	11-1	5.79	5.73	5.56	5.69	2.07	ppb
Cadmium	111-1	-0.35	-0.24	-0.25	-0.28		ppb
Cadmium	106-1	-5.00	-3.37	-3.50	-3.96		ppb
Cadmium	108-1	-0.01	-0.07	-0.04	-0.04		ppb
Calcium	43-1	5169.30	5597.52	5354.44	5373.75	4.00	ppb
Calcium	44-1	5316.81	5628.57	5502.20	5482.53	2.86	ppb
Chromium	52-2	-0.01	-0.02	0.06	0.01	432.02	ppb
Cobalt	59-2	-0.02	-0.01	0.00	-0.01		ppb
Copper	63-2	14.80	14.33	14.77	14.63	1.79	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				109		%
Holmium	165-2				107		%
Indium	115-1				107		%
Indium	115-2				103		%
Iron	56-2	25.86	24.26	26.38	25.50	4.33	ppb
Iron	57-2	23.74	21.65	27.16	24.19	11.50	ppb
Krypton	83-1						cps
Lead	206-1	0.75	0.81	0.76	0.77	3.80	ppb
Lead	207-1	0.66	0.73	0.68	0.69	5.49	ppb
Lead	208-1	0.68	0.76	0.71	0.72	5.73	ppb
Lithium	6-1				104		%
Magnesium	24-2	1053.85	991.68	1063.15	1036.23	3.75	ppb

LB Number :	LB96823	Operator :	Jaswal
Lab Sample ID :	J4052-08	Instrumnet Name :	P8
Client Sample ID :	MS.2ND-MAIN-SINK(2NI	Dilution Factor :	1
Date & Time Acquired ::	2018-07-23 16:51:25	DataFile Name :	047SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	15.92	14.04	14.51	14.82	6.61	ppb
Molybdenum	94-1	0.15	0.41	0.15	0.24	63.98	ppb
Molybdenum	95-1	0.01	0.04	0.06	0.04	60.29	ppb
Molybdenum	96-1	0.02	0.04	0.04	0.03	25.84	ppb
Molybdenum	97-1	0.04	0.03	0.04	0.03	22.58	ppb
Molybdenum	98-1	0.05	0.04	0.03	0.04	27.59	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	-0.80	-0.97	-1.07	-0.95		ppb
Phosphorus	31-2	568.09	739.74	595.22	634.35	14.55	ppb
Potassium	39-2	440.59	415.11	427.47	427.72	2.98	ppb
Rhodium	103-1				105		%
Rhodium	103-2				104		%
Scandium	45-1				104		%
Scandium	45-2				99		%
Selenium	77-2	-3.88	-3.88	-3.88	-3.88		ppb
Selenium	78-2	0.65	0.64	-0.33	0.32	175.37	ppb
Selenium	82-1	0.43	-0.01	0.33	0.25	91.45	ppb
Silicon	28-1	729.31	778.05	767.48	758.28	3.38	ppb
Silver	109-1	0.01	0.01	0.02	0.01	47.16	ppb
Silver	107-1	0.01	0.00	0.02	0.01	54.07	ppb
Sodium	23-2	9534.41	9158.25	9492.63	9395.09	2.19	ppb
Strontium	86-1	19.04	18.93	19.13	19.03	0.54	ppb
Strontium	88-1	19.16	19.86	19.03	19.35	2.30	ppb
Sulfur	34-1	-1231.46	-439.05	-664.72	-778.41		ppb
Terbium	159-1				109		%
Terbium	159-2				106		%
Thallium	203-1	0.00	0.01	0.01	0.01	145.52	ppb
Thallium	205-1	0.01	0.01	0.01	0.01	25.67	ppb
Tin	118-1	-0.15	-0.13	-0.13	-0.14		ppb
Titanium	47-1	0.53	0.51	0.34	0.46	21.97	ppb
Uranium	238-1	0.01	0.01	0.01	0.01	11.13	ppb
Vanadium	51-2	0.04	0.06	0.03	0.05	33.95	ppb
Yttrium	89-1				106		%
Yttrium	89-2				103		%
Zinc	66-2	0.98	0.67	0.61	0.75	26.36	ppb

LB Number :	LB96823	Operator :	Jaswal
Lab Sample ID :	J4052-08	Instrumnet Name :	P8
Client Sample ID :	MS.2ND-MAIN-SINK(2NI	Dilution Factor :	1
Date & Time Acquired ::	2018-07-23 16:51:25	DataFile Name :	047SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	90-1	0.11	0.06	0.11	0.09	26.10	ppb
Zirconium	91-1	0.07	0.11	0.09	0.09	25.97	ppb

LB Number :	LB96823	Operator :	Jaswal
Lab Sample ID :	CCV52	Instrumnet Name :	P8
Client Sample ID :	CCV52	Dilution Factor :	1
Date & Time Acquired ::	2018-07-23 17:01:24	DataFile Name :	050SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	51888.69	52020.35	49806.88	51238.64	2.42	ppb
Antimony	121-1	517.43	518.71	525.81	520.65	0.87	ppb
Arsenic	75-2	496.25	514.70	488.96	499.97	2.65	ppb
Barium	135-1	2519.55	2517.61	2531.40	2522.85	0.30	ppb
Barium	137-1	2491.02	2455.00	2537.37	2494.46	1.66	ppb
Beryllium	9-1	482.13	485.47	483.15	483.58	0.35	ppb
Bismuth	209-1				98		%
Bismuth	209-2				96		%
Boron	10-1	475.42	492.13	484.60	484.05	1.73	ppb
Boron	11-1	471.78	487.05	492.35	483.73	2.21	ppb
Cadmium	111-1	493.51	492.39	495.74	493.88	0.34	ppb
Cadmium	106-1	490.16	502.73	492.34	495.08	1.36	ppb
Cadmium	108-1	492.53	503.22	505.67	500.47	1.40	ppb
Calcium	43-1	240809.17	240374.05	242383.26	241188.82	0.44	ppb
Calcium	44-1	242161.26	240163.71	241826.91	241383.96	0.44	ppb
Chromium	52-2	525.69	527.80	510.00	521.16	1.87	ppb
Cobalt	59-2	503.15	504.03	484.20	497.13	2.25	ppb
Copper	63-2	976.01	989.36	955.27	973.55	1.76	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				104		%
Holmium	165-2				103		%
Indium	115-1				99		%
Indium	115-2				96		%
Iron	56-2	130606.64	132002.94	127924.33	130177.97	1.59	ppb
Iron	57-2	130753.58	131615.97	128344.04	130237.86	1.30	ppb
Krypton	83-1						cps
Lead	206-1	508.84	506.10	513.04	509.32	0.69	ppb
Lead	207-1	518.03	507.16	499.06	508.08	1.87	ppb
Lead	208-1	512.13	507.39	509.91	509.81	0.47	ppb
Lithium	6-1				98		%
Magnesium	24-2	257035.98	257036.82	246527.17	253533.32	2.39	ppb

LB Number :	LB96823	Operator :	Jaswal
Lab Sample ID :	CCV52	Instrumnet Name :	P8
Client Sample ID :	CCV52	Dilution Factor :	1
Date & Time Acquired ::	2018-07-23 17:01:24	DataFile Name :	050SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	1030.11	1029.39	992.75	1017.42	2.10	ppb
Molybdenum	94-1	2483.24	2488.16	2501.16	2490.85	0.37	ppb
Molybdenum	95-1	2467.41	2483.18	2503.91	2484.83	0.74	ppb
Molybdenum	96-1	2511.44	2469.47	2521.45	2500.79	1.10	ppb
Molybdenum	97-1	2493.45	2504.69	2523.42	2507.19	0.60	ppb
Molybdenum	98-1	2492.28	2496.59	2514.71	2501.19	0.48	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	513.29	513.74	492.80	506.61	2.36	ppb
Phosphorus	31-2	10496.51	10304.35	9782.14	10194.33	3.63	ppb
Potassium	39-2	126042.14	128674.40	121064.28	125260.27	3.09	ppb
Rhodium	103-1				94		%
Rhodium	103-2				94		%
Scandium	45-1				99		%
Scandium	45-2				96		%
Selenium	77-2	464.14	415.20	482.36	453.90	7.65	ppb
Selenium	78-2	502.88	506.79	494.64	501.44	1.24	ppb
Selenium	82-1	483.88	484.36	483.39	483.88	0.10	ppb
Silicon	28-1	457.82	451.61	456.46	455.30	0.72	ppb
Silver	109-1	502.05	502.38	511.15	505.19	1.02	ppb
Silver	107-1	509.81	500.98	505.89	505.56	0.87	ppb
Sodium	23-2	255264.20	255790.72	246919.35	252658.09	1.97	ppb
Strontium	86-1	496.19	493.22	500.74	496.72	0.76	ppb
Strontium	88-1	502.63	494.28	504.39	500.43	1.08	ppb
Sulfur	34-1	9991.12	9793.38	9909.44	9897.98	1.00	ppb
Terbium	159-1				104		%
Terbium	159-2				102		%
Thallium	203-1	507.25	510.15	510.71	509.37	0.36	ppb
Thallium	205-1	506.21	502.56	505.40	504.72	0.38	ppb
Tin	118-1	503.74	496.41	500.46	500.20	0.73	ppb
Titanium	47-1	2516.31	2481.43	2524.55	2507.43	0.91	ppb
Uranium	238-1	504.22	506.78	510.33	507.11	0.61	ppb
Vanadium	51-2	513.16	518.18	498.02	509.79	2.06	ppb
Yttrium	89-1				101		%
Yttrium	89-2				98		%
Zinc	66-2	1066.70	1063.48	1019.49	1049.89	2.51	ppb

LB Number :	LB96823	Operator :	Jaswal
Lab Sample ID :	CCV52	Instrumnet Name :	P8
Client Sample ID :	CCV52	Dilution Factor :	1
Date & Time Acquired ::	2018-07-23 17:01:24	DataFile Name :	050SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	90-1	499.38	499.68	508.01	502.36	0.97	ppb
Zirconium	91-1	493.94	492.26	497.13	494.44	0.50	ppb

LB Number :	LB96823	Operator :	Jaswal
Lab Sample ID :	CCB52	Instrumnet Name :	P8
Client Sample ID :	CCB52	Dilution Factor :	1
Date & Time Acquired ::	2018-07-23 17:04:34	DataFile Name :	051SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	-0.78	-0.17	1.73	0.26	497.96	ppb
Antimony	121-1	1.34	1.29	1.10	1.24	10.42	ppb
Arsenic	75-2	0.06	0.01	0.01	0.03	93.43	ppb
Barium	135-1	0.08	0.07	0.01	0.05	73.09	ppb
Barium	137-1	0.08	0.05	0.05	0.06	25.06	ppb
Beryllium	9-1	0.21	0.17	0.12	0.17	26.47	ppb
Bismuth	209-1				104		%
Bismuth	209-2				104		%
Boron	10-1	17.23	15.01	13.15	15.13	13.51	ppb
Boron	11-1	16.02	15.13	14.44	15.20	5.24	ppb
Cadmium	111-1	-0.11	-0.13	-0.21	-0.15		ppb
Cadmium	106-1	-1.94	-2.00	-3.31	-2.42		ppb
Cadmium	108-1	0.03	0.22	0.00	0.08	149.00	ppb
Calcium	43-1	-2.01	2.48	-2.68	-0.74		ppb
Calcium	44-1	-1.29	-1.78	-3.44	-2.17		ppb
Chromium	52-2	-0.04	-0.03	0.08	0.00	2094.12	ppb
Cobalt	59-2	0.00	-0.03	0.00	-0.01		ppb
Copper	63-2	-0.60	-0.50	-0.49	-0.53		ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				104		%
Holmium	165-2				105		%
Indium	115-1				102		%
Indium	115-2				102		%
Iron	56-2	3.60	3.39	3.42	3.47	3.20	ppb
Iron	57-2	2.20	3.13	5.09	3.47	42.50	ppb
Krypton	83-1						cps
Lead	206-1	0.04	0.05	0.02	0.03	46.60	ppb
Lead	207-1	0.03	0.03	0.05	0.04	25.76	ppb
Lead	208-1	0.03	0.03	0.02	0.03	24.96	ppb
Lithium	6-1				102		%
Magnesium	24-2	5.81	2.06	6.94	4.94	51.78	ppb

LB Number :	LB96823	Operator :	Jaswal
Lab Sample ID :	CCB52	Instrumnet Name :	P8
Client Sample ID :	CCB52	Dilution Factor :	1
Date & Time Acquired ::	2018-07-23 17:04:34	DataFile Name :	051SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	-0.11	-0.18	-0.02	-0.11		ppb
Molybdenum	94-1	1.18	0.97	1.02	1.05	10.45	ppb
Molybdenum	95-1	1.29	1.12	1.10	1.17	8.80	ppb
Molybdenum	96-1	1.30	1.11	1.08	1.16	10.12	ppb
Molybdenum	97-1	1.38	1.23	0.97	1.19	17.15	ppb
Molybdenum	98-1	1.32	1.15	0.97	1.15	15.08	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	-0.92	-0.93	-1.00	-0.95		ppb
Phosphorus	31-2	-11.98	-11.98	12.45	-3.84		ppb
Potassium	39-2	25.84	8.94	20.96	18.58	46.82	ppb
Rhodium	103-1				102		%
Rhodium	103-2				102		%
Scandium	45-1				101		%
Scandium	45-2				98		%
Selenium	77-2	-3.88	-3.88	-3.88	-3.88		ppb
Selenium	78-2	-0.33	1.63	0.66	0.66	149.43	ppb
Selenium	82-1	-0.53	0.43	-0.48	-0.19		ppb
Silicon	28-1	-8.82	-9.57	-10.74	-9.71		ppb
Silver	109-1	0.06	0.04	0.05	0.05	24.12	ppb
Silver	107-1	0.07	0.06	0.04	0.06	22.11	ppb
Sodium	23-2	44.05	43.95	40.78	42.93	4.33	ppb
Strontium	86-1	-0.01	0.00	-0.03	-0.01		ppb
Strontium	88-1	0.01	0.01	0.01	0.01	31.63	ppb
Sulfur	34-1	-1109.04	-1344.09	-1296.67	-1249.93		ppb
Terbium	159-1				104		%
Terbium	159-2				104		%
Thallium	203-1	0.14	0.10	0.09	0.11	22.91	ppb
Thallium	205-1	0.11	0.11	0.11	0.11	4.31	ppb
Tin	118-1	0.52	0.46	0.38	0.45	16.31	ppb
Titanium	47-1	0.25	0.08	0.07	0.14	75.77	ppb
Uranium	238-1	0.02	0.01	0.01	0.02	42.39	ppb
Vanadium	51-2	0.03	0.01	0.01	0.02	68.88	ppb
Yttrium	89-1				102		%
Yttrium	89-2				101		%
Zinc	66-2	0.02	-0.12	-0.23	-0.11		ppb

LB Number :	LB96823	Operator :	Jaswal
Lab Sample ID :	CCB52	Instrumnet Name :	P8
Client Sample ID :	CCB52	Dilution Factor :	1
Date & Time Acquired ::	2018-07-23 17:04:34	DataFile Name :	051SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	90-1	0.19	0.15	0.17	0.17	11.62	ppb
Zirconium	91-1	0.16	0.15	0.19	0.17	11.88	ppb

LB Number : LB96823 Operator : Jaswal
 Lab Sample ID : S0 Instrumnet Name : P8
 Client Sample ID : S0 Dilution Factor : 1
 Date & Time Acquired :: 2018-07-23 13:27:57 DataFile Name : 003CALB.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	7	7	20	11	69.25	cps
Antimony	121-1	192	167	183	181	7.05	cps
Arsenic	75-2	6	9	9	8	26.61	cps
Barium	135-1	50	50	50	50	0.00	cps
Barium	137-1	75	83	50	69	24.98	cps
Beryllium	9-1	150	128	133	137	8.44	cps
Bismuth	209-1	10292978	10444059	10406303	10381113	0.76	cps
Bismuth	209-2	2829645	2633236	2835732	2766204	4.16	cps
Boron	10-1	192	183	158	178	9.76	cps
Boron	11-1	958	950	1117	1008	9.31	cps
Cadmium	111-1	2389	2486	2287	2387	4.18	cps
Cadmium	106-1	3417	3542	3267	3409	4.04	cps
Cadmium	108-1	17	8	13	13	33.36	cps
Calcium	43-1	767	600	592	653	15.12	cps
Calcium	44-1	19372	19665	19806	19614	1.13	cps
Chromium	52-2	353	347	347	349	1.10	cps
Cobalt	59-2	87	87	80	84	4.56	cps
Copper	63-2	1587	1613	1480	1560	4.52	cps
Dysprosium	156-1	17	25	17	19	24.73	cps
Dysprosium	156-2	7	0	0	2	173.21	cps
Erbium	164-1	42	50	42	44	10.82	cps
Erbium	164-2	3	10	17	10	66.70	cps
Gadolinium	160-1	117	175	217	169	29.65	cps
Gadolinium	160-2	17	17	17	17	0.00	cps
Holmium	165-1	15988176	15991678	15730629	15903494	0.94	cps
Holmium	165-2	3283752	3081032	3348763	3237849	4.31	cps
Indium	115-1	12318298	12552424	12350908	12407210	1.02	cps
Indium	115-2	485069	454447	488722	476079	3.95	cps
Iron	56-2	1067	1100	1139	1102	3.28	cps
Iron	57-2	39	28	6	24	70.49	cps
Krypton	83-1	343	323	330	332	3.07	cps
Lead	206-1	350	317	372	346	8.08	cps
Lead	207-1	344	372	311	343	8.93	cps
Lead	208-1	1578	1517	1533	1543	2.05	cps
Lithium	6-1	2542948	2568570	2561719	2557745	0.52	cps
Magnesium	24-2	350	367	275	331	14.77	cps

LB Number :	LB96823	Operator :	Jaswal
Lab Sample ID :	S0	Instrumnet Name :	P8
Client Sample ID :	S0	Dilution Factor :	1
Date & Time Acquired ::	2018-07-23 13:27:57	DataFile Name :	003CALB.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	107	83	110	100	14.53	cps
Molybdenum	94-1	442	508	442	464	8.30	cps
Molybdenum	95-1	158	142	125	142	11.76	cps
Molybdenum	96-1	375	250	258	294	23.74	cps
Molybdenum	97-1	133	142	58	111	41.30	cps
Molybdenum	98-1	242	267	275	261	6.64	cps
Neodymium	150-1	13	0	13	9	86.60	cps
Neodymium	150-2	0	0	0	0	0.00	cps
Nickel	60-2	1190	1140	1157	1162	2.19	cps
Phosphorus	31-2	8	8	0	6	86.60	cps
Potassium	39-2	2059	2192	1892	2047	7.34	cps
Rhodium	103-1	11525555	11753998	11683404	11654319	1.00	cps
Rhodium	103-2	3064572	2882094	3097225	3014631	3.85	cps
Scandium	45-1	7267884	7389115	7259296	7305432	0.99	cps
Scandium	45-2	52297	50307	53073	51892	2.75	cps
Selenium	77-2	0	0	7	2	173.21	cps
Selenium	78-2	2	0	0	1	173.21	cps
Selenium	82-1	-14	-23	30	-2	-1316.51	cps
Silicon	28-1	349273	348644	343266	347061	0.95	cps
Silver	109-1	25	50	58	44	39.04	cps
Silver	107-1	150	92	75	106	37.31	cps
Sodium	23-2	3651	3792	3751	3731	1.95	cps
Strontium	86-1	550	417	575	514	16.56	cps
Strontium	88-1	133	208	192	178	22.15	cps
Sulfur	34-1	423682	427263	427218	426054	0.48	cps
Terbium	159-1	16223755	16438211	16110960	16257642	1.02	cps
Terbium	159-2	3193087	2905537	3146179	3081601	5.01	cps
Thallium	203-1	208	200	233	214	8.11	cps
Thallium	205-1	475	400	367	414	13.41	cps
Tin	118-1	1200	1308	1383	1297	7.10	cps
Titanium	47-1	200	117	142	153	27.99	cps
Uranium	238-1	142	192	158	164	15.53	cps
Vanadium	51-2	0	3	3	2	86.60	cps
Yttrium	89-1	12761649	12940405	12787739	12829931	0.75	cps
Yttrium	89-2	356164	334822	359066	350017	3.78	cps
Zinc	66-2	137	130	110	126	11.05	cps

LB Number :	LB96823	Operator :	Jaswal
Lab Sample ID :	S0	Instrumnet Name :	P8
Client Sample ID :	S0	Dilution Factor :	1
Date & Time Acquired ::	2018-07-23 13:27:57	DataFile Name :	003CALB.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	90-1	1008	1150	950	1036	9.93	cps
Zirconium	91-1	183	167	233	194	17.84	cps

LB Number :	LB96823	Operator :	Jaswal
Lab Sample ID :	S2	Instrumnet Name :	P8
Client Sample ID :	S2	Dilution Factor :	1
Date & Time Acquired ::	2018-07-23 13:35:23	DataFile Name :	005CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	127	127	173	142	18.95	cps
Antimony	121-1	16336	16277	16661	16425	1.26	cps
Arsenic	75-2	100	87	83	90	9.71	cps
Barium	135-1	17420	17195	16619	17078	2.42	cps
Barium	137-1	30845	29818	30386	30350	1.70	cps
Beryllium	9-1	1417	1522	1250	1396	9.83	cps
Bismuth	209-1	9966922	9981845	10201015	10049927	1.30	cps
Bismuth	209-2	2757752	2735142	2646154	2713016	2.17	cps
Boron	10-1	3467	3576	3259	3434	4.69	cps
Boron	11-1	16084	17186	16777	16682	3.34	cps
Cadmium	111-1	4094	4274	3888	4086	4.73	cps
Cadmium	106-1	3567	3626	3417	3537	3.04	cps
Cadmium	108-1	142	121	154	139	12.12	cps
Calcium	43-1	10004	10163	9662	9943	2.57	cps
Calcium	44-1	168232	171344	167945	169173	1.11	cps
Chromium	52-2	1920	2034	1960	1971	2.92	cps
Cobalt	59-2	1627	1807	1737	1723	5.27	cps
Copper	63-2	4354	4361	4367	4361	0.15	cps
Dysprosium	156-1	8	25	17	17	50.01	cps
Dysprosium	156-2	3	0	3	2	86.60	cps
Erbium	164-1	100	108	58	89	30.13	cps
Erbium	164-2	13	13	7	11	34.61	cps
Gadolinium	160-1	208	142	108	153	33.33	cps
Gadolinium	160-2	40	23	13	26	52.73	cps
Holmium	165-1	15325893	15384945	15579420	15430086	0.86	cps
Holmium	165-2	3240758	3238742	3179637	3219712	1.08	cps
Indium	115-1	11993857	12058555	12213932	12088782	0.94	cps
Indium	115-2	481421	473412	459088	471307	2.40	cps
Iron	56-2	25140	26314	26103	25852	2.42	cps
Iron	57-2	667	578	661	635	7.84	cps
Krypton	83-1	383	357	293	344	13.42	cps
Lead	206-1	5863	5929	6029	5940	1.41	cps
Lead	207-1	5546	5729	5535	5603	1.95	cps
Lead	208-1	24560	24326	24026	24304	1.10	cps
Lithium	6-1	2479629	2450791	2524801	2485074	1.50	cps
Magnesium	24-2	13440	13866	13290	13532	2.21	cps

LB Number :	LB96823	Operator :	Jaswal
Lab Sample ID :	S2	Instrumnet Name :	P8
Client Sample ID :	S2	Dilution Factor :	1
Date & Time Acquired ::	2018-07-23 13:35:23	DataFile Name :	005CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	353	287	280	307	13.22	cps
Molybdenum	94-1	13966	14842	14692	14500	3.23	cps
Molybdenum	95-1	16853	17454	16995	17100	1.84	cps
Molybdenum	96-1	18664	19281	18772	18906	1.74	cps
Molybdenum	97-1	10338	10855	9937	10377	4.43	cps
Molybdenum	98-1	25884	27888	27429	27067	3.88	cps
Neodymium	150-1	0	13	7	7	99.98	cps
Neodymium	150-2	0	0	0	0	0.00	cps
Nickel	60-2	1600	1570	1627	1599	1.77	cps
Phosphorus	31-2	8	0	0	3	173.21	cps
Potassium	39-2	8978	9045	9137	9053	0.88	cps
Rhodium	103-1	11211948	11311846	11456747	11326847	1.09	cps
Rhodium	103-2	2992602	2948588	2904996	2948728	1.49	cps
Scandium	45-1	7226308	7069167	7334700	7210058	1.85	cps
Scandium	45-2	52321	52106	50648	51692	1.76	cps
Selenium	77-2	7	3	0	3	100.05	cps
Selenium	78-2	4	9	9	7	43.34	cps
Selenium	82-1	490	573	608	557	10.93	cps
Silicon	28-1	411235	414943	416480	414219	0.65	cps
Silver	109-1	8578	7994	8203	8258	3.58	cps
Silver	107-1	9629	9904	8470	9334	8.16	cps
Sodium	23-2	35111	34025	34309	34482	1.63	cps
Strontium	86-1	2975	2584	3034	2864	8.55	cps
Strontium	88-1	19824	20450	18455	19576	5.21	cps
Sulfur	34-1	430602	431662	429177	430480	0.29	cps
Terbium	159-1	15815451	15767302	15869071	15817275	0.32	cps
Terbium	159-2	3104960	3072451	2980169	3052527	2.12	cps
Thallium	203-1	6927	7194	7077	7066	1.89	cps
Thallium	205-1	17037	16462	16845	16781	1.75	cps
Tin	118-1	29191	29793	29726	29570	1.12	cps
Titanium	47-1	5143	5235	4984	5121	2.47	cps
Uranium	238-1	21361	21394	21378	21378	0.08	cps
Vanadium	51-2	2380	2547	2597	2508	4.52	cps
Yttrium	89-1	12427751	12383666	12634379	12481932	1.07	cps
Yttrium	89-2	351055	348055	339901	346337	1.67	cps
Zinc	66-2	400	317	393	370	12.52	cps

LB Number :	LB96823	Operator :	Jaswal
Lab Sample ID :	S2	Instrumnet Name :	P8
Client Sample ID :	S2	Dilution Factor :	1
Date & Time Acquired ::	2018-07-23 13:35:23	DataFile Name :	005CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	90-1	12548	12723	12615	12629	0.70	cps
Zirconium	91-1	2850	2967	2967	2928	2.30	cps

LB Number :	LB96823	Operator :	Jaswal
Lab Sample ID :	S3	Instrumnet Name :	P8
Client Sample ID :	S3	Dilution Factor :	1
Date & Time Acquired ::	2018-07-23 13:39:05	DataFile Name :	006CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	5661	5568	5438	5556	2.02	cps
Antimony	121-1	428364	427387	432204	429318	0.59	cps
Arsenic	75-2	4386	4360	4371	4372	0.30	cps
Barium	135-1	463035	465882	464228	464382	0.31	cps
Barium	137-1	814930	817100	812532	814854	0.28	cps
Beryllium	9-1	66950	67173	68423	67515	1.18	cps
Bismuth	209-1	10332834	10652751	10446628	10477404	1.55	cps
Bismuth	209-2	2854693	2874176	2948601	2892490	1.71	cps
Boron	10-1	7219	7394	7727	7447	3.47	cps
Boron	11-1	33867	34743	35954	34855	3.01	cps
Cadmium	111-1	97484	96671	97828	97327	0.61	cps
Cadmium	106-1	13115	13482	13749	13449	2.37	cps
Cadmium	108-1	6856	7127	6668	6884	3.35	cps
Calcium	43-1	98739	100818	100022	99860	1.05	cps
Calcium	44-1	1680052	1673058	1668528	1673879	0.35	cps
Chromium	52-2	38252	38760	38222	38412	0.79	cps
Cobalt	59-2	82617	83539	83505	83220	0.63	cps
Copper	63-2	146250	145680	146125	146018	0.21	cps
Dysprosium	156-1	33	33	17	28	34.63	cps
Dysprosium	156-2	3	7	0	3	100.05	cps
Erbium	164-1	50	58	58	56	8.67	cps
Erbium	164-2	3	3	13	7	86.65	cps
Gadolinium	160-1	233	183	183	200	14.44	cps
Gadolinium	160-2	3	17	10	10	66.70	cps
Holmium	165-1	16595427	16494614	16204543	16431528	1.24	cps
Holmium	165-2	3396713	3406517	3423545	3408925	0.40	cps
Indium	115-1	12756455	12765687	12552207	12691449	0.95	cps
Indium	115-2	498178	496497	497567	497414	0.17	cps
Iron	56-2	1266940	1263577	1267196	1265904	0.16	cps
Iron	57-2	32227	32293	32371	32297	0.22	cps
Krypton	83-1	363	343	377	361	4.65	cps
Lead	206-1	289740	291662	288631	290011	0.53	cps
Lead	207-1	260390	263115	259795	261100	0.68	cps
Lead	208-1	1172521	1182107	1179149	1177925	0.42	cps
Lithium	6-1	2585940	2659771	2607329	2617680	1.45	cps
Magnesium	24-2	143500	139739	140975	141405	1.36	cps

LB Number :	LB96823	Operator :	Jaswal
Lab Sample ID :	S3	Instrumnet Name :	P8
Client Sample ID :	S3	Dilution Factor :	1
Date & Time Acquired ::	2018-07-23 13:39:05	DataFile Name :	006CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	20205	20015	20986	20402	2.52	cps
Molybdenum	94-1	745916	733636	737423	738992	0.85	cps
Molybdenum	95-1	900271	886132	901494	895965	0.95	cps
Molybdenum	96-1	1006906	999476	1005555	1003979	0.39	cps
Molybdenum	97-1	565053	563153	568386	565531	0.47	cps
Molybdenum	98-1	1470473	1444443	1458570	1457828	0.89	cps
Neodymium	150-1	53	47	20	40	44.10	cps
Neodymium	150-2	0	3	3	2	86.60	cps
Nickel	60-2	25123	25487	25113	25241	0.84	cps
Phosphorus	31-2	525	475	408	469	12.47	cps
Potassium	39-2	36933	35889	37000	36607	1.70	cps
Rhodium	103-1	11858135	11991699	11774865	11874900	0.92	cps
Rhodium	103-2	3071253	3102478	3143078	3105603	1.16	cps
Scandium	45-1	7593335	7573986	7456657	7541326	0.98	cps
Scandium	45-2	53772	54104	54933	54270	1.10	cps
Selenium	77-2	33	17	20	23	37.78	cps
Selenium	78-2	111	104	100	105	5.39	cps
Selenium	82-1	5881	5815	5887	5861	0.68	cps
Silicon	28-1	574598	578384	578271	577084	0.37	cps
Silver	109-1	449162	449036	443299	447165	0.75	cps
Silver	107-1	469428	464563	467667	467220	0.53	cps
Sodium	23-2	322244	325688	327859	325264	0.87	cps
Strontium	86-1	117519	117293	116116	116976	0.64	cps
Strontium	88-1	1007274	1003099	1004200	1004858	0.22	cps
Sulfur	34-1	455896	454492	454131	454839	0.21	cps
Terbium	159-1	16844384	16843920	16645539	16777948	0.68	cps
Terbium	159-2	3263013	3193522	3192103	3216213	1.26	cps
Thallium	203-1	359806	354068	352941	355605	1.04	cps
Thallium	205-1	865823	859376	847513	857571	1.08	cps
Tin	118-1	303728	295453	298417	299199	1.40	cps
Titanium	47-1	246450	248365	249842	248219	0.69	cps
Uranium	238-1	1119824	1130760	1145531	1132038	1.14	cps
Vanadium	51-2	28105	27571	28125	27934	1.13	cps
Yttrium	89-1	13262330	13281058	13119882	13221090	0.67	cps
Yttrium	89-2	366642	365495	368696	366944	0.44	cps
Zinc	66-2	12546	12649	12779	12658	0.92	cps

LB Number :	LB96823	Operator :	Jaswal
Lab Sample ID :	S3	Instrumnet Name :	P8
Client Sample ID :	S3	Dilution Factor :	1
Date & Time Acquired ::	2018-07-23 13:39:05	DataFile Name :	006CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	90-1	621256	617188	618390	618945	0.34	cps
Zirconium	91-1	137564	138187	136301	137351	0.70	cps

LB Number : LB96823 Operator : Jaswal
 Lab Sample ID : S4 Instrumnet Name : P8
 Client Sample ID : S4 Dilution Factor : 1
 Date & Time Acquired :: 2018-07-23 13:42:46 DataFile Name : 007CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	13403	13433	13613	13483	0.84	cps
Antimony	121-1	1065158	1067910	1057569	1063546	0.50	cps
Arsenic	75-2	10208	10289	10352	10283	0.70	cps
Barium	135-1	1126215	1123436	1111618	1120423	0.69	cps
Barium	137-1	1983376	1978879	1972329	1978195	0.28	cps
Beryllium	9-1	160624	160074	163361	161353	1.09	cps
Bismuth	209-1	8993270	10126122	10568502	9895964	8.21	cps
Bismuth	209-2	2722724	2737086	2690484	2716765	0.88	cps
Boron	10-1	17269	18588	17603	17820	3.85	cps
Boron	11-1	81825	84113	84389	83442	1.69	cps
Cadmium	111-1	229336	229408	232542	230428	0.79	cps
Cadmium	106-1	27295	27036	27613	27315	1.06	cps
Cadmium	108-1	16707	16143	16527	16459	1.75	cps
Calcium	43-1	239163	240314	236404	238627	0.84	cps
Calcium	44-1	3915298	3910708	3908431	3911479	0.09	cps
Chromium	52-2	92037	91825	91889	91917	0.12	cps
Cobalt	59-2	200777	197680	198303	198920	0.82	cps
Copper	63-2	351137	346893	349011	349014	0.61	cps
Dysprosium	156-1	25	50	33	36	35.25	cps
Dysprosium	156-2	3	0	3	2	86.60	cps
Erbium	164-1	92	17	17	42	103.91	cps
Erbium	164-2	10	7	10	9	21.63	cps
Gadolinium	160-1	167	158	117	147	18.20	cps
Gadolinium	160-2	20	23	17	20	16.65	cps
Holmium	165-1	14128881	15791404	16320998	15413761	7.42	cps
Holmium	165-2	3236792	3279323	3249898	3255337	0.67	cps
Indium	115-1	10865069	12119155	12442511	11808912	7.06	cps
Indium	115-2	475824	481088	469730	475548	1.20	cps
Iron	56-2	3080166	3073321	3082593	3078693	0.16	cps
Iron	57-2	77241	76180	77067	76829	0.74	cps
Krypton	83-1	320	370	310	333	9.64	cps
Lead	206-1	704076	698105	700930	701037	0.43	cps
Lead	207-1	638262	638657	635620	637513	0.26	cps
Lead	208-1	2872106	2868377	2857730	2866071	0.26	cps
Lithium	6-1	2262246	2522209	2575719	2453391	6.83	cps
Magnesium	24-2	342838	341760	336941	340513	0.92	cps

LB Number :	LB96823	Operator :	Jaswal
Lab Sample ID :	S4	Instrumnet Name :	P8
Client Sample ID :	S4	Dilution Factor :	1
Date & Time Acquired ::	2018-07-23 13:42:46	DataFile Name :	007CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	49507	49203	49792	49501	0.59	cps
Molybdenum	94-1	1807767	1821399	1804089	1811085	0.50	cps
Molybdenum	95-1	2204706	2210195	2172614	2195838	0.92	cps
Molybdenum	96-1	2463337	2493770	2448632	2468580	0.93	cps
Molybdenum	97-1	1374078	1363439	1356206	1364574	0.66	cps
Molybdenum	98-1	3566526	3500631	3535013	3534057	0.93	cps
Neodymium	150-1	80	133	53	89	45.82	cps
Neodymium	150-2	0	3	3	2	86.60	cps
Nickel	60-2	60698	60099	60340	60379	0.50	cps
Phosphorus	31-2	900	650	750	767	16.41	cps
Potassium	39-2	85493	86466	86634	86197	0.71	cps
Rhodium	103-1	10072611	11355093	11717780	11048495	7.82	cps
Rhodium	103-2	2965054	3007361	2951917	2974777	0.97	cps
Scandium	45-1	6342029	7129908	7483337	6985091	8.36	cps
Scandium	45-2	50835	51625	50350	50936	1.26	cps
Selenium	77-2	83	87	67	79	13.58	cps
Selenium	78-2	228	235	228	230	1.86	cps
Selenium	82-1	13994	14031	14090	14038	0.35	cps
Silicon	28-1	917991	923473	921235	920900	0.30	cps
Silver	109-1	1070530	1065751	1068617	1068299	0.23	cps
Silver	107-1	1121771	1113099	1121521	1118797	0.44	cps
Sodium	23-2	774246	774227	769315	772596	0.37	cps
Strontium	86-1	279607	280680	282235	280841	0.47	cps
Strontium	88-1	2474212	2417909	2436915	2443012	1.17	cps
Sulfur	34-1	490345	486620	488154	488373	0.38	cps
Terbium	159-1	14539222	16071099	16688629	15766317	7.02	cps
Terbium	159-2	3125077	3163903	3072985	3120655	1.46	cps
Thallium	203-1	866834	866759	863693	865762	0.21	cps
Thallium	205-1	2100142	2084897	2123634	2102891	0.93	cps
Tin	118-1	730063	724271	726468	726934	0.40	cps
Titanium	47-1	597747	596805	601583	598712	0.42	cps
Uranium	238-1	2799868	2799087	2821135	2806697	0.45	cps
Vanadium	51-2	67445	66989	68024	67486	0.77	cps
Yttrium	89-1	11191263	12592719	12866256	12216746	7.36	cps
Yttrium	89-2	347945	354338	346840	349708	1.16	cps
Zinc	66-2	29849	29178	30530	29852	2.27	cps

LB Number :	LB96823	Operator :	Jaswal
Lab Sample ID :	S4	Instrumnet Name :	P8
Client Sample ID :	S4	Dilution Factor :	1
Date & Time Acquired ::	2018-07-23 13:42:46	DataFile Name :	007CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	90-1	1542918	1534358	1513107	1530128	1.00	cps
Zirconium	91-1	333405	336287	332383	334025	0.61	cps

LB Number :	LB96823	Operator :	Jaswal
Lab Sample ID :	S5	Instrumnet Name :	P8
Client Sample ID :	S5	Dilution Factor :	1
Date & Time Acquired ::	2018-07-23 13:46:20	DataFile Name :	008CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	26906	27213	26792	26970	0.81	cps
Antimony	121-1	2133905	2144465	2166835	2148402	0.78	cps
Arsenic	75-2	21051	21285	21248	21195	0.59	cps
Barium	135-1	2266946	2289107	2320602	2292218	1.18	cps
Barium	137-1	3986096	3976050	4022282	3994809	0.61	cps
Beryllium	9-1	320470	318691	325675	321612	1.13	cps
Bismuth	209-1	10403977	10195111	10456075	10351721	1.33	cps
Bismuth	209-2	2694997	2801039	2748895	2748310	1.93	cps
Boron	10-1	34676	36180	37784	36213	4.29	cps
Boron	11-1	161280	166564	172968	166937	3.51	cps
Cadmium	111-1	456836	459912	465242	460663	0.92	cps
Cadmium	106-1	50470	52118	51457	51349	1.62	cps
Cadmium	108-1	33195	32932	33605	33244	1.02	cps
Calcium	43-1	473676	476032	482622	477443	0.97	cps
Calcium	44-1	7769751	7784922	7855948	7803540	0.59	cps
Chromium	52-2	184508	184781	183334	184207	0.42	cps
Cobalt	59-2	403273	401208	400133	401538	0.40	cps
Copper	63-2	699275	695980	696421	697225	0.26	cps
Dysprosium	156-1	42	67	108	72	46.63	cps
Dysprosium	156-2	7	7	7	7	0.00	cps
Erbium	164-1	58	50	42	50	16.67	cps
Erbium	164-2	0	7	7	4	86.60	cps
Gadolinium	160-1	158	192	158	169	11.36	cps
Gadolinium	160-2	33	33	17	28	34.63	cps
Holmium	165-1	16040717	15942044	16297268	16093343	1.14	cps
Holmium	165-2	3275955	3318685	3315373	3303338	0.72	cps
Indium	115-1	12280809	12133206	12320028	12244681	0.80	cps
Indium	115-2	470024	476125	477682	474611	0.85	cps
Iron	56-2	6206787	6096314	6134653	6145918	0.91	cps
Iron	57-2	156001	154412	155620	155344	0.53	cps
Krypton	83-1	277	347	317	313	11.21	cps
Lead	206-1	1411668	1401515	1435429	1416204	1.23	cps
Lead	207-1	1276716	1281355	1298211	1285427	0.88	cps
Lead	208-1	5809866	5844826	5933495	5862729	1.09	cps
Lithium	6-1	2495021	2501965	2533530	2510172	0.82	cps
Magnesium	24-2	691756	687500	683844	687700	0.58	cps

LB Number :	LB96823	Operator :	Jaswal
Lab Sample ID :	S5	Instrumnet Name :	P8
Client Sample ID :	S5	Dilution Factor :	1
Date & Time Acquired ::	2018-07-23 13:46:20	DataFile Name :	008CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	99414	97886	98638	98646	0.77	cps
Molybdenum	94-1	3635652	3569330	3678245	3627742	1.51	cps
Molybdenum	95-1	4417981	4378673	4478104	4424919	1.13	cps
Molybdenum	96-1	4977167	4917422	4945109	4946566	0.60	cps
Molybdenum	97-1	2810362	2770009	2829407	2803259	1.08	cps
Molybdenum	98-1	6988341	7054325	7140938	7061201	1.08	cps
Neodymium	150-1	113	133	140	129	10.77	cps
Neodymium	150-2	3	3	13	7	86.65	cps
Nickel	60-2	120042	119292	119366	119567	0.35	cps
Phosphorus	31-2	1767	1909	1784	1820	4.26	cps
Potassium	39-2	168767	168935	167426	168376	0.49	cps
Rhodium	103-1	11291426	11226457	11529032	11348972	1.40	cps
Rhodium	103-2	2948641	3018833	2976916	2981463	1.18	cps
Scandium	45-1	7311615	7172257	7302919	7262264	1.07	cps
Scandium	45-2	50691	51902	50945	51180	1.25	cps
Selenium	77-2	147	127	130	134	7.97	cps
Selenium	78-2	480	467	450	465	3.19	cps
Selenium	82-1	27852	28230	28559	28214	1.25	cps
Silicon	28-1	1365422	1370597	1387903	1374641	0.86	cps
Silver	109-1	2193871	2182195	2222538	2199535	0.94	cps
Silver	107-1	2307081	2277520	2334433	2306344	1.23	cps
Sodium	23-2	1597344	1563557	1564388	1575097	1.22	cps
Strontium	86-1	553882	559026	571153	561353	1.58	cps
Strontium	88-1	4834194	4807471	4903382	4848349	1.02	cps
Sulfur	34-1	550160	548580	549496	549412	0.14	cps
Terbium	159-1	16591369	16156156	16645604	16464376	1.63	cps
Terbium	159-2	3099331	3179874	3162965	3147390	1.35	cps
Thallium	203-1	1776795	1758450	1797710	1777652	1.11	cps
Thallium	205-1	4251246	4178240	4274415	4234634	1.19	cps
Tin	118-1	1458703	1467136	1475262	1467034	0.56	cps
Titanium	47-1	1190291	1185092	1197735	1191039	0.53	cps
Uranium	238-1	5682191	5670771	5785969	5712977	1.11	cps
Vanadium	51-2	135884	135881	134683	135483	0.51	cps
Yttrium	89-1	12808849	12503554	12959615	12757339	1.82	cps
Yttrium	89-2	348499	354330	353490	352106	0.90	cps
Zinc	66-2	61077	60588	60330	60665	0.63	cps

LB Number :	LB96823	Operator :	Jaswal
Lab Sample ID :	S5	Instrumnet Name :	P8
Client Sample ID :	S5	Dilution Factor :	1
Date & Time Acquired ::	2018-07-23 13:46:20	DataFile Name :	008CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	90-1	3046932	3050076	3046913	3047974	0.06	cps
Zirconium	91-1	663712	668262	672658	668211	0.67	cps

LB Number :	LB96823	Operator :	Jaswal
Lab Sample ID :	S6	Instrumnet Name :	P8
Client Sample ID :	S6	Dilution Factor :	1
Date & Time Acquired ::	2018-07-23 13:49:50	DataFile Name :	009CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	52055	51700	50754	51503	1.31	cps
Antimony	121-1	4315638	4339715	4322148	4325834	0.29	cps
Arsenic	75-2	40799	40985	40849	40878	0.24	cps
Barium	135-1	4623932	4586504	4558202	4589546	0.72	cps
Barium	137-1	7947444	8014873	7935645	7965987	0.54	cps
Beryllium	9-1	642323	637762	638131	639405	0.40	cps
Bismuth	209-1	10339943	9554399	10563049	10152464	5.22	cps
Bismuth	209-2	2727913	2751964	2730772	2736883	0.48	cps
Boron	10-1	71687	73598	73145	72810	1.37	cps
Boron	11-1	331240	338275	344490	338002	1.96	cps
Cadmium	111-1	918882	923659	919392	920644	0.28	cps
Cadmium	106-1	101128	101404	100481	101005	0.47	cps
Cadmium	108-1	65810	67556	66250	66539	1.37	cps
Calcium	43-1	950378	951499	946341	949406	0.29	cps
Calcium	44-1	15471315	15466292	15492996	15476868	0.09	cps
Chromium	52-2	351416	353703	352305	352475	0.33	cps
Cobalt	59-2	763937	773774	775475	771062	0.81	cps
Copper	63-2	1326573	1331073	1329233	1328960	0.17	cps
Dysprosium	156-1	92	83	50	75	29.40	cps
Dysprosium	156-2	3	0	0	1	173.21	cps
Erbium	164-1	25	50	58	44	39.04	cps
Erbium	164-2	7	7	13	9	43.25	cps
Gadolinium	160-1	108	92	142	114	22.35	cps
Gadolinium	160-2	27	20	7	18	57.27	cps
Holmium	165-1	16166657	14989869	16607215	15921247	5.25	cps
Holmium	165-2	3286203	3298334	3274780	3286439	0.36	cps
Indium	115-1	12166334	11337152	12433690	11979059	4.77	cps
Indium	115-2	459679	464114	460122	461305	0.53	cps
Iron	56-2	11710891	11742220	11676843	11709985	0.28	cps
Iron	57-2	294706	295934	296795	295812	0.35	cps
Krypton	83-1	350	340	390	360	7.35	cps
Lead	206-1	2905279	2926872	2894976	2909042	0.56	cps
Lead	207-1	2707294	2713873	2695192	2705453	0.35	cps
Lead	208-1	11900974	11936637	11948953	11928854	0.21	cps
Lithium	6-1	2512660	2324877	2501223	2446253	4.30	cps
Magnesium	24-2	1359447	1345274	1341812	1348844	0.69	cps

LB Number :	LB96823	Operator :	Jaswal
Lab Sample ID :	S6	Instrumnet Name :	P8
Client Sample ID :	S6	Dilution Factor :	1
Date & Time Acquired ::	2018-07-23 13:49:50	DataFile Name :	009CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	189834	190040	191276	190383	0.41	cps
Molybdenum	94-1	7166399	7265383	7232557	7221446	0.70	cps
Molybdenum	95-1	8809302	8789957	8761160	8786806	0.28	cps
Molybdenum	96-1	9801596	9777915	9704716	9761409	0.52	cps
Molybdenum	97-1	5554417	5633285	5587545	5591749	0.71	cps
Molybdenum	98-1	14208491	14190188	14099903	14166194	0.41	cps
Neodymium	150-1	173	220	213	202	12.48	cps
Neodymium	150-2	7	3	0	3	100.05	cps
Nickel	60-2	225143	228249	227848	227080	0.74	cps
Phosphorus	31-2	3242	3251	3326	3273	1.40	cps
Potassium	39-2	320176	318725	319477	319459	0.23	cps
Rhodium	103-1	11262378	10270111	11278364	10936951	5.28	cps
Rhodium	103-2	2891343	2953423	2916858	2920541	1.07	cps
Scandium	45-1	7200161	6542011	7210239	6984137	5.48	cps
Scandium	45-2	50387	50738	51116	50747	0.72	cps
Selenium	77-2	233	280	253	256	9.16	cps
Selenium	78-2	987	907	909	935	4.86	cps
Selenium	82-1	55792	56075	55995	55954	0.26	cps
Silicon	28-1	2369308	2361733	2377066	2369369	0.32	cps
Silver	109-1	4359205	4350934	4361562	4357234	0.13	cps
Silver	107-1	4565070	4551133	4548378	4554860	0.20	cps
Sodium	23-2	2987530	2962660	3005142	2985111	0.72	cps
Strontium	86-1	1128143	1131351	1120422	1126639	0.50	cps
Strontium	88-1	9662166	9691866	9585451	9646494	0.57	cps
Sulfur	34-1	692236	683679	688329	688081	0.62	cps
Terbium	159-1	16587939	15216974	16983104	16262672	5.70	cps
Terbium	159-2	3152612	3131219	3151946	3145259	0.39	cps
Thallium	203-1	3621850	3608233	3591726	3607270	0.42	cps
Thallium	205-1	8461732	8409691	8476111	8449178	0.41	cps
Tin	118-1	3009157	2978673	2990950	2992927	0.51	cps
Titanium	47-1	2438790	2434288	2398228	2423769	0.92	cps
Uranium	238-1	11502120	11628080	11499206	11543135	0.64	cps
Vanadium	51-2	261394	258532	261039	260322	0.60	cps
Yttrium	89-1	12673410	11712873	12901094	12429126	5.07	cps
Yttrium	89-2	343530	346434	346393	345452	0.48	cps
Zinc	66-2	112642	113298	113587	113176	0.43	cps

LB Number :	LB96823	Operator :	Jaswal
Lab Sample ID :	S6	Instrumnet Name :	P8
Client Sample ID :	S6	Dilution Factor :	1
Date & Time Acquired ::	2018-07-23 13:49:50	DataFile Name :	009CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	90-1	6097471	6102418	6039743	6079877	0.57	cps
Zirconium	91-1	1338855	1357453	1347291	1347866	0.69	cps

LB Number : LB96823 Operator : Jaswal
 Lab Sample ID : S7 Instrumnet Name : P8
 Client Sample ID : S7 Dilution Factor : 1
 Date & Time Acquired :: 2018-07-23 13:53:16 DataFile Name : 010CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	102603	103838	103365	103269	0.60	cps
Antimony	121-1	8391113	8510699	8492519	8464777	0.76	cps
Arsenic	75-2	81354	80950	81058	81121	0.26	cps
Barium	135-1	9021277	8994717	8983807	8999934	0.21	cps
Barium	137-1	15782780	15838824	15769077	15796894	0.23	cps
Beryllium	9-1	1260650	1274318	1253155	1262708	0.85	cps
Bismuth	209-1	10436660	10421737	10374536	10410977	0.31	cps
Bismuth	209-2	2685072	2655901	2633021	2657998	0.98	cps
Boron	10-1	143376	146543	148183	146034	1.67	cps
Boron	11-1	657372	679269	686138	674260	2.23	cps
Cadmium	111-1	1830506	1828418	1832794	1830573	0.12	cps
Cadmium	106-1	194197	195624	196944	195589	0.70	cps
Cadmium	108-1	129818	129081	130192	129697	0.44	cps
Calcium	43-1	1895190	1927153	1918894	1913746	0.87	cps
Calcium	44-1	30761634	31216529	30762764	30913642	0.85	cps
Chromium	52-2	702692	705063	704648	704134	0.18	cps
Cobalt	59-2	1535584	1542915	1582587	1553695	1.63	cps
Copper	63-2	2631244	2639783	2675250	2648759	0.88	cps
Dysprosium	156-1	142	158	108	136	18.70	cps
Dysprosium	156-2	10	7	17	11	45.82	cps
Erbium	164-1	83	125	67	92	32.78	cps
Erbium	164-2	17	0	13	10	88.20	cps
Gadolinium	160-1	125	133	125	128	3.76	cps
Gadolinium	160-2	17	27	23	22	22.91	cps
Holmium	165-1	16347521	16577144	16433511	16452725	0.71	cps
Holmium	165-2	3299674	3258052	3230643	3262790	1.07	cps
Indium	115-1	12132972	12199506	12135135	12155871	0.31	cps
Indium	115-2	449821	446879	452342	449681	0.61	cps
Iron	56-2	23578807	23213242	23439073	23410374	0.79	cps
Iron	57-2	590621	588281	594116	591006	0.50	cps
Krypton	83-1	430	303	313	349	20.19	cps
Lead	206-1	5719601	5736464	5668750	5708272	0.62	cps
Lead	207-1	5301753	5318286	5288514	5302851	0.28	cps
Lead	208-1	23530476	23567990	23412773	23503746	0.34	cps
Lithium	6-1	2465127	2507853	2478554	2483845	0.88	cps
Magnesium	24-2	2643190	2664277	2660689	2656052	0.42	cps

LB Number :	LB96823	Operator :	Jaswal
Lab Sample ID :	S7	Instrumnet Name :	P8
Client Sample ID :	S7	Dilution Factor :	1
Date & Time Acquired ::	2018-07-23 13:53:16	DataFile Name :	010CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	380224	379800	379332	379785	0.12	cps
Molybdenum	94-1	14248620	14327305	14349212	14308379	0.37	cps
Molybdenum	95-1	17597690	17724545	17775285	17699173	0.52	cps
Molybdenum	96-1	19487247	19758133	19816481	19687287	0.89	cps
Molybdenum	97-1	10991748	10992371	11068678	11017599	0.40	cps
Molybdenum	98-1	28130530	28437148	28369106	28312261	0.57	cps
Neodymium	150-1	480	340	407	409	17.13	cps
Neodymium	150-2	10	17	13	13	25.01	cps
Nickel	60-2	445637	447173	449985	447599	0.49	cps
Phosphorus	31-2	6877	6860	6727	6821	1.21	cps
Potassium	39-2	638396	643953	645771	642706	0.60	cps
Rhodium	103-1	11030734	11115658	11205831	11117408	0.79	cps
Rhodium	103-2	2851659	2815746	2877795	2848400	1.09	cps
Scandium	45-1	7262791	7255734	7173839	7230788	0.68	cps
Scandium	45-2	50213	50156	50210	50193	0.06	cps
Selenium	77-2	627	507	540	558	11.11	cps
Selenium	78-2	1774	1789	1796	1787	0.63	cps
Selenium	82-1	110722	111576	111706	111335	0.48	cps
Silicon	28-1	4160267	4160656	4162580	4161167	0.03	cps
Silver	109-1	8424623	8435240	8471399	8443754	0.29	cps
Silver	107-1	8832088	8816131	8765912	8804710	0.39	cps
Sodium	23-2	5980004	6014490	5987336	5993944	0.30	cps
Strontium	86-1	2247044	2239853	2273699	2253532	0.79	cps
Strontium	88-1	19302577	19200016	19218364	19240319	0.28	cps
Sulfur	34-1	966532	853066	979676	933091	7.46	cps
Terbium	159-1	16827101	16752281	16889524	16822969	0.41	cps
Terbium	159-2	3103586	3068272	3081964	3084607	0.58	cps
Thallium	203-1	7065971	7134208	7110584	7103588	0.49	cps
Thallium	205-1	16934389	16894168	16789524	16872694	0.44	cps
Tin	118-1	5895144	5891434	5901428	5896002	0.09	cps
Titanium	47-1	4754853	4713745	4665455	4711351	0.95	cps
Uranium	238-1	23270918	23415945	23185984	23290949	0.50	cps
Vanadium	51-2	523365	524221	524026	523871	0.09	cps
Yttrium	89-1	12913146	12881651	12912491	12902429	0.14	cps
Yttrium	89-2	340480	341331	340861	340891	0.12	cps
Zinc	66-2	226227	224311	225956	225498	0.46	cps

LB Number :	LB96823	Operator :	Jaswal
Lab Sample ID :	S7	Instrumnet Name :	P8
Client Sample ID :	S7	Dilution Factor :	1
Date & Time Acquired ::	2018-07-23 13:53:16	DataFile Name :	010CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	90-1	12033148	12090528	12048375	12057350	0.25	cps
Zirconium	91-1	2691060	2709264	2706433	2702252	0.36	cps

LB Number :	LB96823	Operator :	Jaswal
Lab Sample ID :	S8	Instrumnet Name :	P8
Client Sample ID :	S8	Dilution Factor :	1
Date & Time Acquired ::	2018-07-23 13:56:37	DataFile Name :	011CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	551917	564037	561929	559294	1.16	cps
Antimony	121-1	24231	23714	23121	23689	2.35	cps
Arsenic	75-2	98	152	167	139	25.96	cps
Barium	135-1	1875	1650	1467	1664	12.29	cps
Barium	137-1	3167	2934	2450	2850	12.83	cps
Beryllium	9-1	794	750	611	719	13.31	cps
Bismuth	209-1	9443453	9285354	9899947	9542918	3.34	cps
Bismuth	209-2	2620698	2481230	2588001	2563310	2.85	cps
Boron	10-1	7886	7310	6602	7266	8.85	cps
Boron	11-1	34701	31886	31168	32585	5.73	cps
Cadmium	111-1	3029	2586	2943	2853	8.24	cps
Cadmium	106-1	3476	3159	3676	3437	7.58	cps
Cadmium	108-1	71	54	79	68	18.70	cps
Calcium	43-1	9624700	9700793	9696972	9674155	0.44	cps
Calcium	44-1	159355679	158710954	159139620	159068751	0.21	cps
Chromium	52-2	26662	26786	27193	26880	1.03	cps
Cobalt	59-2	19677	19337	19441	19485	0.90	cps
Copper	63-2	7522	6975	7419	7305	3.98	cps
Dysprosium	156-1	75	125	92	97	26.19	cps
Dysprosium	156-2	23	10	17	17	39.99	cps
Erbium	164-1	50	75	25	50	50.00	cps
Erbium	164-2	13	7	10	10	33.30	cps
Gadolinium	160-1	175	175	158	169	5.68	cps
Gadolinium	160-2	20	37	30	29	29.04	cps
Holmium	165-1	16004424	15547461	16560858	16037581	3.16	cps
Holmium	165-2	3332489	3248225	3338261	3306325	1.52	cps
Indium	115-1	11562813	11543883	12094957	11733884	2.67	cps
Indium	115-2	473632	461282	477523	470812	1.80	cps
Iron	56-2	118864547	120561714	119673392	119699884	0.71	cps
Iron	57-2	3024187	3089749	3080335	3064757	1.16	cps
Krypton	83-1	363	403	357	374	6.74	cps
Lead	206-1	35444	34832	35411	35229	0.98	cps
Lead	207-1	29607	29947	29908	29821	0.62	cps
Lead	208-1	138648	139140	136641	138143	0.96	cps
Lithium	6-1	2475169	2438528	2559508	2491068	2.49	cps
Magnesium	24-2	13781491	14044532	13932434	13919486	0.95	cps

LB Number :	LB96823	Operator :	Jaswal
Lab Sample ID :	S8	Instrumnet Name :	P8
Client Sample ID :	S8	Dilution Factor :	1
Date & Time Acquired ::	2018-07-23 13:56:37	DataFile Name :	011CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	1967	1980	1843	1930	3.90	cps
Molybdenum	94-1	20224	19940	17637	19267	7.36	cps
Molybdenum	95-1	32014	30986	29892	30964	3.43	cps
Molybdenum	96-1	36617	34679	35171	35489	2.84	cps
Molybdenum	97-1	20299	19031	19031	19454	3.77	cps
Molybdenum	98-1	50972	50696	49650	50439	1.38	cps
Neodymium	150-1	127	80	147	118	29.05	cps
Neodymium	150-2	30	30	7	22	60.61	cps
Nickel	60-2	15185	14938	15369	15164	1.42	cps
Phosphorus	31-2	17	0	17	11	86.60	cps
Potassium	39-2	3475205	3551350	3558920	3528492	1.31	cps
Rhodium	103-1	10440052	10315353	10850254	10535219	2.66	cps
Rhodium	103-2	2821941	2742067	2805338	2789782	1.51	cps
Scandium	45-1	7097245	7162080	7495861	7251728	2.95	cps
Scandium	45-2	52946	51832	54161	52980	2.20	cps
Selenium	77-2	0	0	3	1	173.21	cps
Selenium	78-2	4	2	0	2	100.00	cps
Selenium	82-1	96	39	117	84	48.48	cps
Silicon	28-1	497050	501731	506994	501925	0.99	cps
Silver	109-1	1183	933	742	953	23.25	cps
Silver	107-1	1017	908	1008	978	6.17	cps
Sodium	23-2	31223785	31792137	31539250	31518391	0.90	cps
Strontium	86-1	12114	11864	11597	11858	2.18	cps
Strontium	88-1	94191	94980	96406	95192	1.18	cps
Sulfur	34-1	404048	402611	409915	405525	0.95	cps
Terbium	159-1	15999861	15882320	16692869	16191683	2.71	cps
Terbium	159-2	3194962	3075647	3171398	3147335	2.01	cps
Thallium	203-1	4368	4534	4126	4343	4.73	cps
Thallium	205-1	10530	9763	9963	10085	3.95	cps
Tin	118-1	15051	15593	14675	15106	3.05	cps
Titanium	47-1	2700	2434	2550	2561	5.22	cps
Uranium	238-1	2234	1825	1825	1961	12.02	cps
Vanadium	51-2	230	190	213	211	9.52	cps
Yttrium	89-1	12369600	12477044	12933341	12593328	2.38	cps
Yttrium	89-2	364687	355472	365745	361968	1.56	cps
Zinc	66-2	1770	2017	1930	1906	6.57	cps

LB Number :	LB96823	Operator :	Jaswal
Lab Sample ID :	S8	Instrumnet Name :	P8
Client Sample ID :	S8	Dilution Factor :	1
Date & Time Acquired ::	2018-07-23 13:56:37	DataFile Name :	011CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	90-1	4268	3734	3867	3956	7.02	cps
Zirconium	91-1	833	967	908	903	7.40	cps

LB Number : LB96823 Operator : Jaswal
 Lab Sample ID : ICV01 Instrumnet Name : P8
 Client Sample ID : ICV01 Dilution Factor : 1
 Date & Time Acquired :: 2018-07-23 14:35:46 DataFile Name : 012ICV01.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	2944	2900	2820	2888	2.17	cps
Antimony	121-1	1707742	1710008	1682274	1700008	0.91	cps
Arsenic	75-2	17598	17383	17815	17599	1.23	cps
Barium	135-1	184910	183911	177712	182178	2.14	cps
Barium	137-1	323536	315288	309458	316094	2.24	cps
Beryllium	9-1	133390	134086	134399	133958	0.39	cps
Bismuth	209-1	9866500	10258173	10360018	10161563	2.56	cps
Bismuth	209-2	2892345	2838714	2743822	2824961	2.66	cps
Boron	10-1	76714	79428	80904	79015	2.69	cps
Boron	11-1	354728	367796	375581	366035	2.88	cps
Cadmium	111-1	195101	195479	192286	194289	0.90	cps
Cadmium	106-1	37152	35732	35306	36063	2.68	cps
Cadmium	108-1	17958	18033	18309	18100	1.02	cps
Calcium	43-1	42625	43610	43051	43095	1.15	cps
Calcium	44-1	705741	701833	692970	700181	0.93	cps
Chromium	52-2	75650	76048	75546	75748	0.35	cps
Cobalt	59-2	168653	165220	167311	167061	1.04	cps
Copper	63-2	147110	145643	147183	146645	0.59	cps
Dysprosium	156-1	17	33	33	28	34.63	cps
Dysprosium	156-2	0	7	3	3	100.05	cps
Erbium	164-1	108	92	150	117	25.76	cps
Erbium	164-2	30	3	10	14	96.09	cps
Gadolinium	160-1	133	108	83	108	23.08	cps
Gadolinium	160-2	13	10	23	16	44.60	cps
Holmium	165-1	15407604	15799252	15968677	15725178	1.83	cps
Holmium	165-2	3404368	3320790	3304028	3343062	1.61	cps
Indium	115-1	12095004	12563363	12619132	12425833	2.32	cps
Indium	115-2	507220	499436	488572	498409	1.88	cps
Iron	56-2	519472	509041	511387	513300	1.07	cps
Iron	57-2	13051	13023	13068	13047	0.17	cps
Krypton	83-1	337	320	307	321	4.68	cps
Lead	206-1	1132037	1130074	1106070	1122727	1.29	cps
Lead	207-1	984592	982679	973092	980121	0.63	cps
Lead	208-1	4594325	4588013	4554759	4579032	0.46	cps
Lithium	6-1	2534541	2581786	2615969	2577432	1.59	cps
Magnesium	24-2	33967	34852	34568	34462	1.31	cps

LB Number :	LB96823	Operator :	Jaswal
Lab Sample ID :	ICV01	Instrumnet Name :	P8
Client Sample ID :	ICV01	Dilution Factor :	1
Date & Time Acquired ::	2018-07-23 14:35:46	DataFile Name :	012ICV01.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	21026	20949	20659	20878	0.93	cps
Molybdenum	94-1	3547704	3508996	3484182	3513627	0.91	cps
Molybdenum	95-1	2022305	2021116	1972244	2005222	1.42	cps
Molybdenum	96-1	2569154	2567609	2520207	2552324	1.09	cps
Molybdenum	97-1	1243031	1231239	1219461	1231243	0.96	cps
Molybdenum	98-1	3214256	3249024	3176154	3213144	1.13	cps
Neodymium	150-1	33	0	20	18	94.37	cps
Neodymium	150-2	0	3	0	1	173.21	cps
Nickel	60-2	51635	50040	50839	50838	1.57	cps
Phosphorus	31-2	17	17	0	11	86.60	cps
Potassium	39-2	33341	31478	31628	32149	3.22	cps
Rhodium	103-1	11335676	11843843	11928002	11702507	2.74	cps
Rhodium	103-2	3147018	3109220	3042136	3099458	1.71	cps
Scandium	45-1	7282663	7633820	7640445	7518976	2.72	cps
Scandium	45-2	58006	55529	55452	56329	2.58	cps
Selenium	77-2	87	100	87	91	8.45	cps
Selenium	78-2	357	456	387	400	12.59	cps
Selenium	82-1	23688	23222	23152	23354	1.25	cps
Silicon	28-1	350494	354087	354571	353051	0.63	cps
Silver	109-1	875255	869725	861097	868692	0.82	cps
Silver	107-1	924432	914228	906519	915060	0.98	cps
Sodium	23-2	138938	136465	137695	137700	0.90	cps
Strontium	86-1	1246454	1222707	1218792	1229318	1.22	cps
Strontium	88-1	10640050	10532491	10339266	10503936	1.45	cps
Sulfur	34-1	427981	434199	425873	429351	1.01	cps
Terbium	159-1	15598299	16289881	16340199	16076126	2.58	cps
Terbium	159-2	3258399	3216409	3136957	3203922	1.93	cps
Thallium	203-1	1427939	1414283	1393348	1411857	1.23	cps
Thallium	205-1	3487398	3451767	3388583	3442582	1.45	cps
Tin	118-1	3263388	3241278	3181436	3228700	1.31	cps
Titanium	47-1	540076	540583	536694	539117	0.39	cps
Uranium	238-1	11835054	11607661	11514333	11652349	1.42	cps
Vanadium	51-2	56433	56383	56206	56341	0.21	cps
Yttrium	89-1	12666010	13079844	13092083	12945979	1.87	cps
Yttrium	89-2	376805	371154	362272	370077	1.98	cps
Zinc	66-2	25019	24595	25060	24891	1.03	cps

LB Number :	LB96823	Operator :	Jaswal
Lab Sample ID :	ICV01	Instrumnet Name :	P8
Client Sample ID :	ICV01	Dilution Factor :	1
Date & Time Acquired ::	2018-07-23 14:35:46	DataFile Name :	012ICV01.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	90-1	6550789	6508318	6497343	6518817	0.43	cps
Zirconium	91-1	1467379	1472549	1466921	1468949	0.21	cps

LB Number :	LB96823	Operator :	Jaswal
Lab Sample ID :	ICB01	Instrumnet Name :	P8
Client Sample ID :	ICB01	Dilution Factor :	1
Date & Time Acquired ::	2018-07-23 14:42:29	DataFile Name :	013CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	17	23	13	18	28.64	cps
Antimony	121-1	1875	2134	1675	1895	12.13	cps
Arsenic	75-2	4	6	6	5	21.74	cps
Barium	135-1	50	50	42	47	10.18	cps
Barium	137-1	42	92	58	64	39.85	cps
Beryllium	9-1	206	161	189	185	12.12	cps
Bismuth	209-1	10694394	9744996	9930372	10123254	4.97	cps
Bismuth	209-2	2971070	2892240	2854178	2905829	2.05	cps
Boron	10-1	1984	1625	1700	1770	10.68	cps
Boron	11-1	8078	7827	7702	7869	2.43	cps
Cadmium	111-1	2266	2037	2475	2260	9.70	cps
Cadmium	106-1	3234	2884	3526	3214	10.00	cps
Cadmium	108-1	21	21	25	22	10.84	cps
Calcium	43-1	725	717	708	717	1.16	cps
Calcium	44-1	19973	19489	19364	19609	1.64	cps
Chromium	52-2	320	337	343	333	3.61	cps
Cobalt	59-2	57	97	40	64	45.19	cps
Copper	63-2	910	903	947	920	2.54	cps
Dysprosium	156-1	0	8	33	14	124.91	cps
Dysprosium	156-2	0	0	0	0	0.00	cps
Erbium	164-1	33	58	8	33	75.02	cps
Erbium	164-2	27	3	10	13	90.16	cps
Gadolinium	160-1	75	75	100	83	17.32	cps
Gadolinium	160-2	17	7	13	12	41.65	cps
Holmium	165-1	16544518	15061473	15557481	15721157	4.80	cps
Holmium	165-2	3442999	3366756	3403360	3404372	1.12	cps
Indium	115-1	13305111	12081198	12217591	12534633	5.35	cps
Indium	115-2	515328	507547	506149	509675	0.97	cps
Iron	56-2	1333	1267	1467	1356	7.51	cps
Iron	57-2	56	44	111	70	50.75	cps
Krypton	83-1	317	363	330	337	7.14	cps
Lead	206-1	544	500	650	565	13.64	cps
Lead	207-1	506	417	539	487	12.97	cps
Lead	208-1	2183	2211	2395	2263	5.07	cps
Lithium	6-1	2703240	2547252	2583809	2611433	3.12	cps
Magnesium	24-2	317	317	300	311	3.10	cps

LB Number : LB96823 Operator : Jaswal
 Lab Sample ID : ICB01 Instrumnet Name : P8
 Client Sample ID : ICB01 Dilution Factor : 1
 Date & Time Acquired :: 2018-07-23 14:42:29 DataFile Name : 013CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	73	93	93	87	13.33	cps
Molybdenum	94-1	1584	1333	1175	1364	15.10	cps
Molybdenum	95-1	733	917	950	867	13.46	cps
Molybdenum	96-1	1225	1042	1083	1117	8.61	cps
Molybdenum	97-1	525	492	425	481	10.60	cps
Molybdenum	98-1	1458	1325	1425	1403	4.95	cps
Neodymium	150-1	0	7	7	4	86.60	cps
Neodymium	150-2	0	0	0	0	0.00	cps
Nickel	60-2	870	867	947	894	5.06	cps
Phosphorus	31-2	0	0	0	0	0.00	cps
Potassium	39-2	2609	2667	2734	2670	2.34	cps
Rhodium	103-1	12468431	11127655	11475348	11690478	5.95	cps
Rhodium	103-2	3187050	3147598	3157742	3164130	0.65	cps
Scandium	45-1	7932117	7229604	7364317	7508679	4.97	cps
Scandium	45-2	57899	55851	55871	56540	2.08	cps
Selenium	77-2	0	3	0	1	173.21	cps
Selenium	78-2	2	6	0	2	114.63	cps
Selenium	82-1	15	-29	17	1	2181.23	cps
Silicon	28-1	333140	334832	329923	332631	0.75	cps
Silver	109-1	117	100	125	114	11.18	cps
Silver	107-1	142	167	142	150	9.63	cps
Sodium	23-2	6185	5818	5501	5835	5.86	cps
Strontium	86-1	633	492	667	597	15.56	cps
Strontium	88-1	283	233	275	264	10.15	cps
Sulfur	34-1	425342	429355	429409	428035	0.54	cps
Terbium	159-1	17020034	15430082	15970754	16140290	5.01	cps
Terbium	159-2	3285007	3249115	3248188	3260770	0.64	cps
Thallium	203-1	400	525	517	481	14.54	cps
Thallium	205-1	1142	1117	1158	1139	1.84	cps
Tin	118-1	2475	2342	2150	2323	7.03	cps
Titanium	47-1	167	183	125	158	18.97	cps
Uranium	238-1	142	117	83	114	25.69	cps
Vanadium	51-2	17	10	13	13	25.01	cps
Yttrium	89-1	13661658	12518216	12868690	13016188	4.50	cps
Yttrium	89-2	381209	372274	376810	376764	1.19	cps
Zinc	66-2	113	143	137	131	12.01	cps

LB Number :	LB96823	Operator :	Jaswal
Lab Sample ID :	ICB01	Instrumnet Name :	P8
Client Sample ID :	ICB01	Dilution Factor :	1
Date & Time Acquired ::	2018-07-23 14:42:29	DataFile Name :	013CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	90-1	2684	2467	2292	2481	7.91	cps
Zirconium	91-1	483	467	483	478	2.01	cps

LB Number : LB96823 Operator : Jaswal
 Lab Sample ID : ICSA01 Instrumnet Name : P8
 Client Sample ID : ICSA01 Dilution Factor : 1
 Date & Time Acquired :: 2018-07-23 14:45:49 DataFile Name : 014ICSA01.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	512952	506241	507559	508917	0.70	cps
Antimony	121-1	10688	10388	10354	10477	1.75	cps
Arsenic	75-2	48	30	28	35	32.01	cps
Barium	135-1	2842	2909	2800	2850	1.92	cps
Barium	137-1	4443	5068	4718	4743	6.61	cps
Beryllium	9-1	617	544	606	589	6.60	cps
Bismuth	209-1	10333228	10285391	10440284	10352967	0.77	cps
Bismuth	209-2	2769713	2753019	2712731	2745154	1.07	cps
Boron	10-1	1709	1483	1517	1570	7.74	cps
Boron	11-1	7561	7552	7252	7455	2.36	cps
Cadmium	111-1	2673	2863	2920	2819	4.58	cps
Cadmium	106-1	3142	2992	3301	3145	4.90	cps
Cadmium	108-1	1288	1200	1129	1206	6.58	cps
Calcium	43-1	1935345	1930389	1954032	1939922	0.64	cps
Calcium	44-1	31425094	31735215	31279727	31480012	0.74	cps
Chromium	52-2	14661	14504	14791	14652	0.98	cps
Cobalt	59-2	1900	2087	1683	1890	10.68	cps
Copper	63-2	11545	11151	11555	11417	2.02	cps
Dysprosium	156-1	33	33	33	33	0.00	cps
Dysprosium	156-2	17	13	20	17	20.01	cps
Erbium	164-1	100	108	50	86	36.64	cps
Erbium	164-2	13	10	10	11	17.30	cps
Gadolinium	160-1	117	208	133	153	31.96	cps
Gadolinium	160-2	30	17	30	26	30.11	cps
Holmium	165-1	16572515	16630289	16875401	16692735	0.96	cps
Holmium	165-2	3422603	3409907	3353794	3395435	1.08	cps
Indium	115-1	12598240	12688995	12588307	12625180	0.44	cps
Indium	115-2	483775	478653	471815	478081	1.26	cps
Iron	56-2	48488351	48412772	48561127	48487417	0.15	cps
Iron	57-2	1225532	1216873	1226790	1223065	0.44	cps
Krypton	83-1	337	413	373	374	10.24	cps
Lead	206-1	27369	27102	26645	27039	1.35	cps
Lead	207-1	21947	22493	21124	21855	3.15	cps
Lead	208-1	103611	102924	101382	102639	1.11	cps
Lithium	6-1	2575406	2584359	2566055	2575273	0.36	cps
Magnesium	24-2	2738952	2717763	2723360	2726692	0.40	cps

LB Number :	LB96823	Operator :	Jaswal
Lab Sample ID :	ICSA01	Instrumnet Name :	P8
Client Sample ID :	ICSA01	Dilution Factor :	1
Date & Time Acquired ::	2018-07-23 14:45:49	DataFile Name :	014ICSA01.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	1623	1637	1733	1665	3.61	cps
Molybdenum	94-1	3954859	3996978	3987783	3979873	0.56	cps
Molybdenum	95-1	6924606	6957276	6960188	6947357	0.28	cps
Molybdenum	96-1	7501793	7489323	7489982	7493699	0.09	cps
Molybdenum	97-1	4405873	4445731	4499901	4450502	1.06	cps
Molybdenum	98-1	11251127	11165513	11116329	11177657	0.61	cps
Neodymium	150-1	33	60	47	47	28.56	cps
Neodymium	150-2	0	10	3	4	114.60	cps
Nickel	60-2	3237	3190	3220	3216	0.74	cps
Phosphorus	31-2	35888	34693	34593	35058	2.05	cps
Potassium	39-2	1374017	1373785	1401678	1383160	1.16	cps
Rhodium	103-1	11536690	11540173	11602444	11559769	0.32	cps
Rhodium	103-2	3022720	2988156	2939581	2983486	1.40	cps
Scandium	45-1	7631723	7611793	7657097	7633538	0.30	cps
Scandium	45-2	55155	53555	52729	53813	2.29	cps
Selenium	77-2	0	0	0	0	0.00	cps
Selenium	78-2	6	0	0	2	173.21	cps
Selenium	82-1	24	-53	-29	-19	-203.13	cps
Silicon	28-1	461536	457917	459139	459531	0.40	cps
Silver	109-1	617	575	725	639	12.12	cps
Silver	107-1	658	650	783	697	10.71	cps
Sodium	23-2	6334552	6282757	6271818	6296375	0.53	cps
Strontium	86-1	76740	77093	78644	77492	1.31	cps
Strontium	88-1	669213	673792	674115	672373	0.41	cps
Sulfur	34-1	2650138	2648816	2639798	2646251	0.21	cps
Terbium	159-1	17018426	17105857	17027974	17050753	0.28	cps
Terbium	159-2	3262446	3241140	3197983	3233857	1.02	cps
Thallium	203-1	883	1042	1175	1033	14.13	cps
Thallium	205-1	2334	2592	2825	2584	9.52	cps
Tin	118-1	2234	2134	2034	2134	4.69	cps
Titanium	47-1	1941184	1983712	2005568	1976821	1.66	cps
Uranium	238-1	483	425	467	458	6.56	cps
Vanadium	51-2	77	80	73	77	4.35	cps
Yttrium	89-1	13421071	13411932	13455185	13429396	0.17	cps
Yttrium	89-2	368974	360997	358218	362730	1.54	cps
Zinc	66-2	1410	1443	1557	1470	5.23	cps

LB Number :	LB96823	Operator :	Jaswal
Lab Sample ID :	ICSA01	Instrumnet Name :	P8
Client Sample ID :	ICSA01	Dilution Factor :	1
Date & Time Acquired ::	2018-07-23 14:45:49	DataFile Name :	014ICSA01.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	90-1	20216	16753	13199	16722	20.98	cps
Zirconium	91-1	4576	3717	2950	3748	21.70	cps

LB Number :	LB96823	Operator :	Jaswal
Lab Sample ID :	ICSAB01	Instrumnet Name :	P8
Client Sample ID :	ICSAB01	Dilution Factor :	1
Date & Time Acquired ::	2018-07-23 14:49:04	DataFile Name :	015ICSB.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	514415	511264	507182	510954	0.71	cps
Antimony	121-1	180868	179653	181316	180612	0.48	cps
Arsenic	75-2	1754	1759	1761	1758	0.22	cps
Barium	135-1	38825	39167	40680	39558	2.50	cps
Barium	137-1	69559	69374	70329	69754	0.73	cps
Beryllium	9-1	26859	26564	26425	26616	0.83	cps
Bismuth	209-1	10290820	10374073	10280088	10314994	0.50	cps
Bismuth	209-2	2768893	2724141	2754706	2749246	0.83	cps
Boron	10-1	8403	7994	8186	8194	2.49	cps
Boron	11-1	36372	37533	37392	37099	1.71	cps
Cadmium	111-1	39250	39666	39190	39369	0.66	cps
Cadmium	106-1	7469	8028	7919	7805	3.80	cps
Cadmium	108-1	4459	3976	4172	4202	5.79	cps
Calcium	43-1	1972570	1945273	1960056	1959299	0.70	cps
Calcium	44-1	31971428	31939829	31747589	31886282	0.38	cps
Chromium	52-2	29234	29585	29368	29395	0.60	cps
Cobalt	59-2	34677	33427	33594	33899	2.00	cps
Copper	63-2	39296	39757	40439	39830	1.44	cps
Dysprosium	156-1	50	67	33	50	33.34	cps
Dysprosium	156-2	3	13	10	9	57.30	cps
Erbium	164-1	67	50	83	67	25.00	cps
Erbium	164-2	17	27	7	17	59.99	cps
Gadolinium	160-1	183	108	142	144	26.02	cps
Gadolinium	160-2	23	27	17	22	22.91	cps
Holmium	165-1	16543918	16789030	16448759	16593902	1.06	cps
Holmium	165-2	3431644	3392281	3443121	3422349	0.78	cps
Indium	115-1	12459204	12673288	12438893	12523795	1.04	cps
Indium	115-2	483753	485596	491650	487000	0.85	cps
Iron	56-2	48621039	48414121	48476973	48504044	0.22	cps
Iron	57-2	1234801	1220949	1224697	1226816	0.58	cps
Krypton	83-1	337	323	280	313	9.46	cps
Lead	206-1	143064	141823	140979	141955	0.74	cps
Lead	207-1	118504	119749	117922	118725	0.79	cps
Lead	208-1	555813	551556	549129	552166	0.61	cps
Lithium	6-1	2530599	2565319	2536769	2544229	0.73	cps
Magnesium	24-2	2725857	2742013	2740223	2736031	0.32	cps

LB Number :	LB96823	Operator :	Jaswal
Lab Sample ID :	ICSAB01	Instrumnet Name :	P8
Client Sample ID :	ICSAB01	Dilution Factor :	1
Date & Time Acquired ::	2018-07-23 14:49:04	DataFile Name :	015ICSB.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	5568	5528	5595	5563	0.60	cps
Molybdenum	94-1	4284657	4285762	4311215	4293878	0.35	cps
Molybdenum	95-1	7242499	7199220	7246411	7229377	0.36	cps
Molybdenum	96-1	7750770	7741893	7839255	7777306	0.69	cps
Molybdenum	97-1	4652507	4565091	4601135	4606244	0.95	cps
Molybdenum	98-1	11711194	11505099	11584045	11600113	0.90	cps
Neodymium	150-1	60	33	20	38	53.92	cps
Neodymium	150-2	3	0	0	1	173.21	cps
Nickel	60-2	12105	12366	12606	12359	2.02	cps
Phosphorus	31-2	35504	35905	35437	35615	0.71	cps
Potassium	39-2	1410226	1403426	1394169	1402607	0.57	cps
Rhodium	103-1	11596554	11596347	11479078	11557326	0.59	cps
Rhodium	103-2	2986102	2999196	3051785	3012361	1.15	cps
Scandium	45-1	7597554	7657396	7610145	7621698	0.41	cps
Scandium	45-2	53987	54194	54659	54280	0.63	cps
Selenium	77-2	20	3	17	13	66.16	cps
Selenium	78-2	33	28	35	32	12.01	cps
Selenium	82-1	2434	2441	2351	2409	2.08	cps
Silicon	28-1	647512	646414	649251	647726	0.22	cps
Silver	109-1	163692	165801	163979	164491	0.70	cps
Silver	107-1	174244	171580	174651	173492	0.96	cps
Sodium	23-2	6332904	6315668	6299512	6316028	0.26	cps
Strontium	86-1	180545	177642	178529	178905	0.83	cps
Strontium	88-1	1549797	1548934	1591057	1563263	1.54	cps
Sulfur	34-1	2689509	2629968	2631151	2650209	1.28	cps
Terbium	159-1	17006850	17061732	16981939	17016840	0.24	cps
Terbium	159-2	3218558	3214795	3283654	3239002	1.20	cps
Thallium	203-1	140899	141665	142796	141787	0.67	cps
Thallium	205-1	339833	341526	342468	341275	0.39	cps
Tin	118-1	257662	259403	260508	259191	0.55	cps
Titanium	47-1	2036395	2082896	2060401	2059897	1.13	cps
Uranium	238-1	984970	987321	974912	982401	0.67	cps
Vanadium	51-2	10831	11218	10771	10940	2.22	cps
Yttrium	89-1	13398883	13360741	13369921	13376515	0.15	cps
Yttrium	89-2	363892	365977	373164	367678	1.32	cps
Zinc	66-2	3791	4151	3864	3935	4.84	cps

LB Number :	LB96823	Operator :	Jaswal
Lab Sample ID :	ICSAB01	Instrumnet Name :	P8
Client Sample ID :	ICSAB01	Dilution Factor :	1
Date & Time Acquired ::	2018-07-23 14:49:04	DataFile Name :	015ICSB.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	90-1	537457	539054	538652	538388	0.15	cps
Zirconium	91-1	120278	118578	120866	119907	0.99	cps

LB Number :	LB96823	Operator :	Jaswal
Lab Sample ID :	CCV50	Instrumnet Name :	P8
Client Sample ID :	CCV50	Dilution Factor :	1
Date & Time Acquired ::	2018-07-23 14:52:18	DataFile Name :	016CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	287541	288724	291318	289194	0.67	cps
Antimony	121-1	4206720	4204377	4216965	4209354	0.16	cps
Arsenic	75-2	42773	42907	42959	42880	0.22	cps
Barium	135-1	4559371	4580374	4545347	4561697	0.39	cps
Barium	137-1	7759105	7928288	7854705	7847366	1.08	cps
Beryllium	9-1	639607	637902	646689	641399	0.73	cps
Bismuth	209-1	9744892	9931692	9922812	9866465	1.07	cps
Bismuth	209-2	2652141	2625173	2669593	2648969	0.84	cps
Boron	10-1	72693	75457	75172	74441	2.04	cps
Boron	11-1	330687	343424	349473	341195	2.81	cps
Cadmium	111-1	872219	879529	881917	877888	0.58	cps
Cadmium	106-1	98054	97997	97954	98002	0.05	cps
Cadmium	108-1	63047	64164	63340	63517	0.91	cps
Calcium	43-1	4776448	4726918	4781670	4761678	0.63	cps
Calcium	44-1	77845185	77965583	78746631	78185800	0.63	cps
Chromium	52-2	385385	387994	390370	387916	0.64	cps
Cobalt	59-2	801058	803008	805992	803353	0.31	cps
Copper	63-2	1337601	1343423	1349247	1343424	0.43	cps
Dysprosium	156-1	58	100	92	83	26.46	cps
Dysprosium	156-2	10	10	20	13	43.30	cps
Erbium	164-1	42	83	100	75	40.06	cps
Erbium	164-2	7	17	13	12	41.65	cps
Gadolinium	160-1	117	133	142	131	9.75	cps
Gadolinium	160-2	10	7	17	11	45.82	cps
Holmium	165-1	16090032	16285097	16032411	16135847	0.82	cps
Holmium	165-2	3365182	3319184	3373026	3352464	0.87	cps
Indium	115-1	12014191	12218123	12223749	12152021	0.98	cps
Indium	115-2	482527	470012	478123	476887	1.33	cps
Iron	56-2	61407149	61399604	61579271	61462008	0.17	cps
Iron	57-2	1552704	1600776	1580169	1577883	1.53	cps
Krypton	83-1	343	317	387	349	10.13	cps
Lead	206-1	2753272	2796868	2754591	2768244	0.90	cps
Lead	207-1	2546029	2538932	2575527	2553496	0.76	cps
Lead	208-1	11376625	11383053	11330519	11363399	0.25	cps
Lithium	6-1	2497293	2506586	2522305	2508728	0.50	cps
Magnesium	24-2	7042827	7058850	7111550	7071076	0.51	cps

LB Number :	LB96823	Operator :	Jaswal
Lab Sample ID :	CCV50	Instrumnet Name :	P8
Client Sample ID :	CCV50	Dilution Factor :	1
Date & Time Acquired ::	2018-07-23 14:52:18	DataFile Name :	016CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	203120	205542	205961	204874	0.75	cps
Molybdenum	94-1	7221589	7223090	7165993	7203557	0.45	cps
Molybdenum	95-1	8839550	8799634	8751865	8797017	0.50	cps
Molybdenum	96-1	9805396	9847718	9922906	9858673	0.60	cps
Molybdenum	97-1	5589206	5584284	5552134	5575208	0.36	cps
Molybdenum	98-1	14264048	14304742	14245902	14271564	0.21	cps
Neodymium	150-1	200	280	173	218	25.49	cps
Neodymium	150-2	7	7	3	6	34.70	cps
Nickel	60-2	233552	236416	237771	235913	0.91	cps
Phosphorus	31-2	3567	3717	3726	3670	2.43	cps
Potassium	39-2	1798497	1797362	1803208	1799689	0.17	cps
Rhodium	103-1	10988169	11011017	11116598	11038595	0.62	cps
Rhodium	103-2	2916921	2867092	2923178	2902397	1.06	cps
Scandium	45-1	7385780	7515500	7597288	7499523	1.42	cps
Scandium	45-2	54321	53114	54830	54088	1.63	cps
Selenium	77-2	263	260	270	264	1.93	cps
Selenium	78-2	976	922	991	963	3.74	cps
Selenium	82-1	55303	55237	55682	55407	0.43	cps
Silicon	28-1	2312609	2356267	2363617	2344164	1.18	cps
Silver	109-1	4140797	4200537	4203005	4181446	0.84	cps
Silver	107-1	4361902	4392169	4419166	4391079	0.65	cps
Sodium	23-2	16003118	16212072	16190144	16135111	0.71	cps
Strontium	86-1	1134709	1144058	1140869	1139879	0.42	cps
Strontium	88-1	9728516	9795682	9739966	9754721	0.37	cps
Sulfur	34-1	684126	685251	692690	687356	0.68	cps
Terbium	159-1	16226574	16520348	16553048	16433323	1.09	cps
Terbium	159-2	3209569	3090505	3159310	3153128	1.90	cps
Thallium	203-1	3410409	3445003	3411062	3422158	0.58	cps
Thallium	205-1	8058716	8029867	7973706	8020763	0.54	cps
Tin	118-1	2918552	2955941	2935697	2936730	0.64	cps
Titanium	47-1	2442310	2504871	2495119	2480766	1.36	cps
Uranium	238-1	11181835	11181790	10953192	11105605	1.19	cps
Vanadium	51-2	279258	281842	282539	281213	0.61	cps
Yttrium	89-1	12889804	12889794	12946654	12908750	0.25	cps
Yttrium	89-2	366248	360575	364235	363686	0.79	cps
Zinc	66-2	115738	115892	116964	116198	0.57	cps

LB Number :	LB96823	Operator :	Jaswal
Lab Sample ID :	CCV50	Instrumnet Name :	P8
Client Sample ID :	CCV50	Dilution Factor :	1
Date & Time Acquired ::	2018-07-23 14:52:18	DataFile Name :	016CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	90-1	6134937	6165479	6154399	6151605	0.25	cps
Zirconium	91-1	1348569	1362605	1349486	1353554	0.58	cps

LB Number : LB96823 Operator : Jaswal
 Lab Sample ID : CCB50 Instrumnet Name : P8
 Client Sample ID : CCB50 Dilution Factor : 1
 Date & Time Acquired :: 2018-07-23 15:09:37 DataFile Name : 018CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	20	7	13	13	49.99	cps
Antimony	121-1	733	775	783	764	3.51	cps
Arsenic	75-2	7	11	4	7	50.02	cps
Barium	135-1	33	33	50	39	24.75	cps
Barium	137-1	92	83	158	111	37.00	cps
Beryllium	9-1	167	122	156	148	15.61	cps
Bismuth	209-1	10702730	10670047	10414350	10595709	1.49	cps
Bismuth	209-2	3036077	2987097	2978955	3000710	1.03	cps
Boron	10-1	967	850	1042	953	10.14	cps
Boron	11-1	4134	3917	3959	4004	2.87	cps
Cadmium	111-1	2162	2530	2233	2308	8.45	cps
Cadmium	106-1	3059	3592	3184	3278	8.51	cps
Cadmium	108-1	13	8	29	17	66.16	cps
Calcium	43-1	800	650	758	736	10.52	cps
Calcium	44-1	20850	19756	20424	20343	2.71	cps
Chromium	52-2	377	363	350	363	3.67	cps
Cobalt	59-2	73	83	77	78	6.55	cps
Copper	63-2	783	800	920	834	8.94	cps
Dysprosium	156-1	0	8	17	8	100.02	cps
Dysprosium	156-2	10	0	0	3	173.21	cps
Erbium	164-1	33	17	58	36	58.07	cps
Erbium	164-2	3	0	20	8	137.80	cps
Gadolinium	160-1	142	108	142	131	14.74	cps
Gadolinium	160-2	33	23	17	24	34.31	cps
Holmium	165-1	16842241	16701915	16377767	16640641	1.43	cps
Holmium	165-2	3538752	3536204	3549266	3541407	0.20	cps
Indium	115-1	13500708	13154513	13148524	13267915	1.52	cps
Indium	115-2	530402	526312	528381	528365	0.39	cps
Iron	56-2	1595	1589	1483	1556	4.02	cps
Iron	57-2	56	67	28	50	40.06	cps
Krypton	83-1	327	333	350	337	3.57	cps
Lead	206-1	583	578	633	598	5.12	cps
Lead	207-1	628	494	494	539	14.28	cps
Lead	208-1	2322	2384	2106	2271	6.43	cps
Lithium	6-1	2750606	2731297	2719060	2733655	0.58	cps
Magnesium	24-2	275	317	517	369	34.97	cps

LB Number :	LB96823	Operator :	Jaswal
Lab Sample ID :	CCB50	Instrumnet Name :	P8
Client Sample ID :	CCB50	Dilution Factor :	1
Date & Time Acquired ::	2018-07-23 15:09:37	DataFile Name :	018CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	87	77	70	78	10.79	cps
Molybdenum	94-1	900	625	883	803	19.21	cps
Molybdenum	95-1	708	592	533	611	14.58	cps
Molybdenum	96-1	792	725	858	792	8.42	cps
Molybdenum	97-1	433	350	358	381	12.06	cps
Molybdenum	98-1	983	883	1075	981	9.78	cps
Neodymium	150-1	7	0	7	4	86.60	cps
Neodymium	150-2	0	0	0	0	0.00	cps
Nickel	60-2	690	693	767	717	6.05	cps
Phosphorus	31-2	0	8	0	3	173.21	cps
Potassium	39-2	2750	2567	2825	2714	4.90	cps
Rhodium	103-1	12497025	12397034	12370187	12421415	0.54	cps
Rhodium	103-2	3283947	3269020	3305733	3286233	0.56	cps
Scandium	45-1	8088568	7977371	7885640	7983859	1.27	cps
Scandium	45-2	59418	58023	58632	58691	1.19	cps
Selenium	77-2	0	0	0	0	0.00	cps
Selenium	78-2	0	0	4	1	173.21	cps
Selenium	82-1	15	-26	-70	-27	-158.74	cps
Silicon	28-1	325513	326054	323018	324862	0.50	cps
Silver	109-1	167	183	217	189	13.48	cps
Silver	107-1	200	200	267	222	17.32	cps
Sodium	23-2	6377	6719	7477	6858	8.21	cps
Strontium	86-1	542	567	408	506	16.84	cps
Strontium	88-1	258	183	200	214	18.41	cps
Sulfur	34-1	423383	423726	428909	425339	0.73	cps
Terbium	159-1	17412125	16946703	16743899	17034242	2.01	cps
Terbium	159-2	3406001	3343567	3341320	3363630	1.09	cps
Thallium	203-1	517	533	475	508	5.91	cps
Thallium	205-1	1167	1075	1142	1128	4.20	cps
Tin	118-1	1208	1242	1158	1203	3.49	cps
Titanium	47-1	167	142	192	167	15.00	cps
Uranium	238-1	58	33	58	50	28.88	cps
Vanadium	51-2	10	3	7	7	50.03	cps
Yttrium	89-1	13926535	13722496	13608835	13752622	1.17	cps
Yttrium	89-2	391073	389382	392127	390861	0.35	cps
Zinc	66-2	170	107	130	136	23.63	cps

LB Number :	LB96823	Operator :	Jaswal
Lab Sample ID :	CCB50	Instrumnet Name :	P8
Client Sample ID :	CCB50	Dilution Factor :	1
Date & Time Acquired ::	2018-07-23 15:09:37	DataFile Name :	018CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	90-1	1225	1292	1333	1283	4.26	cps
Zirconium	91-1	308	225	350	294	21.61	cps

LB Number :	LB96823	Operator :	Jaswal
Lab Sample ID :	CRI	Instrumnet Name :	P8
Client Sample ID :	CRI	Dilution Factor :	1
Date & Time Acquired ::	2018-07-23 15:17:43	DataFile Name :	019SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	140	90	100	110	24.05	cps
Antimony	121-1	17846	17604	17604	17685	0.79	cps
Arsenic	75-2	89	115	96	100	13.36	cps
Barium	135-1	18313	18088	18197	18199	0.62	cps
Barium	137-1	31814	32065	32090	31990	0.48	cps
Beryllium	9-1	1672	1567	1506	1582	5.33	cps
Bismuth	209-1	10758764	10412868	10621295	10597642	1.64	cps
Bismuth	209-2	2910867	2877930	3026002	2938266	2.65	cps
Boron	10-1	3984	3867	4484	4112	7.97	cps
Boron	11-1	19163	19631	20674	19823	3.90	cps
Cadmium	111-1	4086	3927	4142	4052	2.75	cps
Cadmium	106-1	3317	3459	3492	3423	2.72	cps
Cadmium	108-1	171	171	129	157	15.33	cps
Calcium	43-1	11072	10755	10805	10877	1.57	cps
Calcium	44-1	182143	180581	181155	181293	0.44	cps
Chromium	52-2	2014	2007	1897	1972	3.32	cps
Cobalt	59-2	1827	1770	1673	1757	4.41	cps
Copper	63-2	3764	3737	3997	3833	3.73	cps
Dysprosium	156-1	25	17	17	19	24.73	cps
Dysprosium	156-2	0	3	0	1	173.21	cps
Erbium	164-1	108	117	58	94	33.40	cps
Erbium	164-2	0	20	13	11	91.66	cps
Gadolinium	160-1	100	142	167	136	24.74	cps
Gadolinium	160-2	10	3	10	8	49.52	cps
Holmium	165-1	16745958	16329740	16650494	16575398	1.32	cps
Holmium	165-2	3394153	3479670	3588961	3487595	2.80	cps
Indium	115-1	13354913	13040910	13185480	13193767	1.19	cps
Indium	115-2	509768	517478	526902	518050	1.66	cps
Iron	56-2	28702	28452	27678	28277	1.89	cps
Iron	57-2	800	683	617	700	13.26	cps
Krypton	83-1	327	297	380	334	12.62	cps
Lead	206-1	6040	6191	5835	6022	2.97	cps
Lead	207-1	5679	5752	5246	5559	4.92	cps
Lead	208-1	25272	25083	24382	24912	1.88	cps
Lithium	6-1	2791720	2706868	2747093	2748560	1.54	cps
Magnesium	24-2	15159	14341	15042	14847	2.98	cps

LB Number :	LB96823	Operator :	Jaswal
Lab Sample ID :	CRI	Instrumnet Name :	P8
Client Sample ID :	CRI	Dilution Factor :	1
Date & Time Acquired ::	2018-07-23 15:17:43	DataFile Name :	019SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	267	337	290	298	11.97	cps
Molybdenum	94-1	15159	15626	15785	15523	2.10	cps
Molybdenum	95-1	18981	18129	18739	18616	2.36	cps
Molybdenum	96-1	20675	20291	20859	20608	1.41	cps
Molybdenum	97-1	11430	11455	11356	11414	0.46	cps
Molybdenum	98-1	28498	29609	28097	28734	2.73	cps
Neodymium	150-1	7	13	13	11	34.61	cps
Neodymium	150-2	0	0	0	0	0.00	cps
Nickel	60-2	1200	1320	1273	1265	4.78	cps
Phosphorus	31-2	8	8	8	8	0.00	cps
Potassium	39-2	10246	10162	10062	10157	0.90	cps
Rhodium	103-1	12566045	12168605	12314891	12349847	1.63	cps
Rhodium	103-2	3161946	3177832	3273939	3204572	1.89	cps
Scandium	45-1	8100435	7868189	8025746	7998123	1.48	cps
Scandium	45-2	56762	55791	58598	57050	2.50	cps
Selenium	77-2	3	0	7	3	100.05	cps
Selenium	78-2	19	20	9	16	37.09	cps
Selenium	82-1	623	607	530	587	8.47	cps
Silicon	28-1	395655	392856	398002	395505	0.65	cps
Silver	109-1	8761	9037	9070	8956	1.89	cps
Silver	107-1	9737	8870	10204	9604	7.05	cps
Sodium	23-2	40901	39180	40860	40314	2.44	cps
Strontium	86-1	2975	3217	3117	3103	3.92	cps
Strontium	88-1	20249	20675	21693	20872	3.55	cps
Sulfur	34-1	434199	434346	433338	433961	0.13	cps
Terbium	159-1	17186048	16754008	17097011	17012356	1.34	cps
Terbium	159-2	3259719	3292818	3376393	3309643	1.82	cps
Thallium	203-1	7644	7494	6735	7291	6.68	cps
Thallium	205-1	16962	17980	17730	17557	3.02	cps
Tin	118-1	31471	29759	30803	30678	2.81	cps
Titanium	47-1	5451	5101	5543	5365	4.35	cps
Uranium	238-1	21995	20977	21586	21520	2.38	cps
Vanadium	51-2	2970	2934	2744	2883	4.22	cps
Yttrium	89-1	13998496	13755456	13773061	13842338	0.98	cps
Yttrium	89-2	379844	378668	388959	382490	1.47	cps
Zinc	66-2	380	407	420	402	5.06	cps

LB Number :	LB96823	Operator :	Jaswal
Lab Sample ID :	CRI	Instrumnet Name :	P8
Client Sample ID :	CRI	Dilution Factor :	1
Date & Time Acquired ::	2018-07-23 15:17:43	DataFile Name :	019SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	90-1	15217	14525	15226	14989	2.68	cps
Zirconium	91-1	3309	3192	3050	3184	4.07	cps

LB Number : LB96823 Operator : Jaswal
 Lab Sample ID : PB111294BL Instrumnet Name : P8
 Client Sample ID : PB111294BL Dilution Factor : 1
 Date & Time Acquired :: 2018-07-23 15:21:03 DataFile Name : 020CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	10	17	13	13	25.01	cps
Antimony	121-1	400	383	425	403	5.21	cps
Arsenic	75-2	2	7	0	3	124.95	cps
Barium	135-1	42	100	42	61	55.11	cps
Barium	137-1	58	108	50	72	43.68	cps
Beryllium	9-1	117	189	150	152	23.81	cps
Bismuth	209-1	10054354	9995610	9976045	10008670	0.41	cps
Bismuth	209-2	2811816	2904529	2853229	2856525	1.63	cps
Boron	10-1	883	675	833	797	13.64	cps
Boron	11-1	3734	3792	3942	3823	2.81	cps
Cadmium	111-1	2427	2478	2168	2358	7.06	cps
Cadmium	106-1	3467	3517	3075	3353	7.22	cps
Cadmium	108-1	13	13	8	11	21.67	cps
Calcium	43-1	725	742	708	725	2.30	cps
Calcium	44-1	20541	20382	19214	20046	3.62	cps
Chromium	52-2	380	393	367	380	3.51	cps
Cobalt	59-2	87	117	107	103	14.78	cps
Copper	63-2	950	987	973	970	1.91	cps
Dysprosium	156-1	0	8	17	8	100.02	cps
Dysprosium	156-2	3	0	0	1	173.21	cps
Erbium	164-1	17	58	50	42	52.91	cps
Erbium	164-2	10	0	3	4	114.60	cps
Gadolinium	160-1	92	125	83	100	22.05	cps
Gadolinium	160-2	13	10	7	10	33.30	cps
Holmium	165-1	15621881	15632556	15761671	15672036	0.50	cps
Holmium	165-2	3412522	3446977	3418205	3425901	0.54	cps
Indium	115-1	12414042	12489381	12510862	12471428	0.41	cps
Indium	115-2	505052	509315	505904	506757	0.45	cps
Iron	56-2	1422	1478	1406	1435	2.64	cps
Iron	57-2	33	72	22	43	61.65	cps
Krypton	83-1	340	270	357	322	14.27	cps
Lead	206-1	439	494	478	470	6.06	cps
Lead	207-1	378	372	522	424	20.05	cps
Lead	208-1	1722	1911	2022	1885	8.05	cps
Lithium	6-1	2591969	2600257	2599003	2597076	0.17	cps
Magnesium	24-2	417	300	442	386	19.58	cps

LB Number : LB96823 Operator : Jaswal
 Lab Sample ID : PB111294BL Instrumnet Name : P8
 Client Sample ID : PB111294BL Dilution Factor : 1
 Date & Time Acquired :: 2018-07-23 15:21:03 DataFile Name : 020CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	77	47	87	70	29.74	cps
Molybdenum	94-1	883	783	808	825	6.31	cps
Molybdenum	95-1	317	358	258	311	16.15	cps
Molybdenum	96-1	525	583	425	511	15.67	cps
Molybdenum	97-1	258	233	258	250	5.77	cps
Molybdenum	98-1	583	550	608	581	5.04	cps
Neodymium	150-1	7	0	0	2	173.21	cps
Neodymium	150-2	3	0	0	1	173.21	cps
Nickel	60-2	697	770	810	759	7.57	cps
Phosphorus	31-2	0	8	8	6	86.60	cps
Potassium	39-2	2509	2559	2267	2445	6.38	cps
Rhodium	103-1	11815859	11659518	11808791	11761389	0.75	cps
Rhodium	103-2	3161925	3167287	3171343	3166851	0.15	cps
Scandium	45-1	7611485	7567837	7538028	7572450	0.49	cps
Scandium	45-2	56546	57886	56392	56941	1.44	cps
Selenium	77-2	0	0	0	0	0.00	cps
Selenium	78-2	2	4	0	2	100.00	cps
Selenium	82-1	-26	49	-34	-4	-1110.57	cps
Silicon	28-1	347735	348106	349738	348526	0.31	cps
Silver	109-1	117	142	92	117	21.43	cps
Silver	107-1	183	175	100	153	30.04	cps
Sodium	23-2	6302	6185	6543	6343	2.88	cps
Strontium	86-1	592	525	550	556	6.06	cps
Strontium	88-1	242	167	125	178	33.25	cps
Sulfur	34-1	439195	440365	439692	439750	0.13	cps
Terbium	159-1	16209312	16233867	16243965	16229048	0.11	cps
Terbium	159-2	3240300	3275275	3222038	3245871	0.83	cps
Thallium	203-1	300	408	342	350	15.61	cps
Thallium	205-1	883	808	767	820	7.22	cps
Tin	118-1	1700	1642	1709	1684	2.16	cps
Titanium	47-1	117	208	108	144	38.42	cps
Uranium	238-1	50	58	42	50	16.67	cps
Vanadium	51-2	10	0	7	6	91.64	cps
Yttrium	89-1	13007883	13119716	13090821	13072806	0.44	cps
Yttrium	89-2	376596	382911	375210	378239	1.09	cps
Zinc	66-2	103	87	110	100	12.02	cps

LB Number :	LB96823	Operator :	Jaswal
Lab Sample ID :	PB111294BL	Instrumnet Name :	P8
Client Sample ID :	PB111294BL	Dilution Factor :	1
Date & Time Acquired ::	2018-07-23 15:21:03	DataFile Name :	020CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	90-1	1608	1634	1392	1545	8.61	cps
Zirconium	91-1	500	400	408	436	12.72	cps

LB Number :	LB96823	Operator :	Jaswal
Lab Sample ID :	PB111294BS	Instrumnet Name :	P8
Client Sample ID :	PB111294BS	Dilution Factor :	1
Date & Time Acquired ::	2018-07-23 15:24:23	DataFile Name :	021LCS6.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	250	210	240	233	8.92	cps
Antimony	121-1	33477	32282	33560	33106	2.16	cps
Arsenic	75-2	169	161	161	164	2.62	cps
Barium	135-1	33827	35064	34162	34351	1.86	cps
Barium	137-1	61217	59527	61494	60746	1.75	cps
Beryllium	9-1	2823	2773	2600	2732	4.27	cps
Bismuth	209-1	10166434	10188002	9801563	10052000	2.16	cps
Bismuth	209-2	2885949	2854799	2926284	2889011	1.24	cps
Boron	10-1	6910	7844	7644	7466	6.59	cps
Boron	11-1	33198	35019	35812	34676	3.87	cps
Cadmium	111-1	5737	5981	6055	5924	2.80	cps
Cadmium	106-1	3542	3642	3734	3640	2.63	cps
Cadmium	108-1	288	254	288	276	6.96	cps
Calcium	43-1	18630	19806	19514	19317	3.17	cps
Calcium	44-1	323574	325874	322262	323903	0.56	cps
Chromium	52-2	3484	3617	3547	3549	1.88	cps
Cobalt	59-2	3534	3467	3461	3487	1.16	cps
Copper	63-2	6402	6648	6772	6607	2.85	cps
Dysprosium	156-1	33	17	0	17	100.00	cps
Dysprosium	156-2	0	0	3	1	173.21	cps
Erbium	164-1	117	100	67	94	26.96	cps
Erbium	164-2	7	3	7	6	34.70	cps
Gadolinium	160-1	108	117	83	103	16.88	cps
Gadolinium	160-2	13	3	13	10	57.75	cps
Holmium	165-1	15799241	15864448	15534853	15732848	1.11	cps
Holmium	165-2	3424387	3414217	3470906	3436503	0.88	cps
Indium	115-1	12564019	12637216	12328498	12509911	1.29	cps
Indium	115-2	505101	499337	516051	506830	1.68	cps
Iron	56-2	240692	237386	238547	238875	0.70	cps
Iron	57-2	6018	5946	6168	6044	1.88	cps
Krypton	83-1	360	310	357	342	8.17	cps
Lead	206-1	11133	11044	11333	11170	1.33	cps
Lead	207-1	9926	10388	9999	10104	2.46	cps
Lead	208-1	45383	45155	45288	45275	0.25	cps
Lithium	6-1	2594465	2600039	2590554	2595020	0.18	cps
Magnesium	24-2	27845	28054	28171	28023	0.59	cps

LB Number :	LB96823	Operator :	Jaswal
Lab Sample ID :	PB111294BS	Instrumnet Name :	P8
Client Sample ID :	PB111294BS	Dilution Factor :	1
Date & Time Acquired ::	2018-07-23 15:24:23	DataFile Name :	021LCS6.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	467	497	470	478	3.44	cps
Molybdenum	94-1	29508	29700	29157	29455	0.93	cps
Molybdenum	95-1	34862	34152	35205	34740	1.55	cps
Molybdenum	96-1	39141	38631	38046	38606	1.42	cps
Molybdenum	97-1	21485	21868	21359	21571	1.23	cps
Molybdenum	98-1	54335	54745	54728	54602	0.42	cps
Neodymium	150-1	0	7	13	7	99.98	cps
Neodymium	150-2	0	0	3	1	173.21	cps
Nickel	60-2	1687	1937	1747	1790	7.29	cps
Phosphorus	31-2	0	0	8	3	173.21	cps
Potassium	39-2	16168	16928	16602	16566	2.30	cps
Rhodium	103-1	11783225	11888692	11570213	11747376	1.38	cps
Rhodium	103-2	3131722	3131511	3234982	3166072	1.88	cps
Scandium	45-1	7680664	7695361	7435835	7603953	1.92	cps
Scandium	45-2	56788	56141	56995	56641	0.79	cps
Selenium	77-2	7	7	7	7	0.00	cps
Selenium	78-2	22	6	15	14	58.79	cps
Selenium	82-1	1061	1116	1052	1076	3.22	cps
Silicon	28-1	471967	473409	470877	472084	0.27	cps
Silver	109-1	16578	16486	16836	16633	1.09	cps
Silver	107-1	17087	17629	18096	17604	2.87	cps
Sodium	23-2	72569	71748	71271	71862	0.91	cps
Strontium	86-1	4993	4984	4868	4948	1.41	cps
Strontium	88-1	38238	38714	39333	38762	1.42	cps
Sulfur	34-1	444946	440343	439613	441634	0.65	cps
Terbium	159-1	16303399	16254355	15875598	16144451	1.45	cps
Terbium	159-2	3250261	3255759	3315269	3273763	1.10	cps
Thallium	203-1	13332	13516	13983	13611	2.47	cps
Thallium	205-1	32367	32167	32183	32239	0.34	cps
Tin	118-1	56336	58830	58630	57932	2.39	cps
Titanium	47-1	9712	9971	9745	9809	1.43	cps
Uranium	238-1	40810	40868	41211	40963	0.53	cps
Vanadium	51-2	5284	5528	5154	5322	3.56	cps
Yttrium	89-1	13167153	13323226	13005126	13165169	1.21	cps
Yttrium	89-2	373538	373330	383389	376753	1.53	cps
Zinc	66-2	607	683	660	650	6.05	cps

LB Number :	LB96823	Operator :	Jaswal
Lab Sample ID :	PB111294BS	Instrumnet Name :	P8
Client Sample ID :	PB111294BS	Dilution Factor :	1
Date & Time Acquired ::	2018-07-23 15:24:23	DataFile Name :	021LCS6.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	90-1	28013	27604	27579	27732	0.88	cps
Zirconium	91-1	6452	5910	6335	6232	4.58	cps

LB Number :	LB96823	Operator :	Jaswal
Lab Sample ID :	J3972-01RE	Instrumnet Name :	P8
Client Sample ID :	MA4Z31RE	Dilution Factor :	1
Date & Time Acquired ::	2018-07-23 15:27:43	DataFile Name :	022SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	3767	3581	3520	3623	3.55	cps
Antimony	121-1	48723	47778	49786	48762	2.06	cps
Arsenic	75-2	231	320	280	277	16.05	cps
Barium	135-1	54881	54789	55283	54985	0.48	cps
Barium	137-1	94897	93387	94227	94170	0.80	cps
Beryllium	9-1	16271	16482	16527	16426	0.83	cps
Bismuth	209-1	10135024	9696244	10204743	10012004	2.75	cps
Bismuth	209-2	2811278	2827362	2864827	2834489	0.97	cps
Boron	10-1	867	850	783	833	5.29	cps
Boron	11-1	4209	4451	4284	4315	2.87	cps
Cadmium	111-1	2421	2190	2179	2263	6.04	cps
Cadmium	106-1	3451	3109	3126	3228	5.97	cps
Cadmium	108-1	4	4	25	11	108.21	cps
Calcium	43-1	9812	10271	9504	9862	3.91	cps
Calcium	44-1	164006	164352	163551	163970	0.25	cps
Chromium	52-2	7766	8149	8316	8077	3.49	cps
Cobalt	59-2	6748	6545	6915	6736	2.75	cps
Copper	63-2	14011	13830	13640	13827	1.34	cps
Dysprosium	156-1	17	17	50	28	69.27	cps
Dysprosium	156-2	0	0	0	0	0.00	cps
Erbium	164-1	42	33	67	47	36.74	cps
Erbium	164-2	3	3	0	2	86.60	cps
Gadolinium	160-1	83	108	133	108	23.08	cps
Gadolinium	160-2	20	13	3	12	68.66	cps
Holmium	165-1	15804884	15381538	15852092	15679505	1.65	cps
Holmium	165-2	3347634	3372306	3445060	3388333	1.49	cps
Indium	115-1	12389222	12271369	12718625	12459739	1.86	cps
Indium	115-2	502129	497483	502884	500832	0.58	cps
Iron	56-2	385518	384126	389560	386401	0.73	cps
Iron	57-2	9520	9164	9654	9446	2.68	cps
Krypton	83-1	353	363	293	337	11.25	cps
Lead	206-1	17001	16361	16734	16698	1.92	cps
Lead	207-1	13953	14653	14142	14249	2.54	cps
Lead	208-1	66660	66944	66843	66816	0.22	cps
Lithium	6-1	2599252	2535796	2647828	2594292	2.17	cps
Magnesium	24-2	7369	8061	7769	7733	4.49	cps

LB Number :	LB96823	Operator :	Jaswal
Lab Sample ID :	J3972-01RE	Instrumnet Name :	P8
Client Sample ID :	MA4Z31RE	Dilution Factor :	1
Date & Time Acquired ::	2018-07-23 15:27:43	DataFile Name :	022SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	723	733	697	718	2.64	cps
Molybdenum	94-1	625	633	683	647	4.88	cps
Molybdenum	95-1	242	225	258	242	6.90	cps
Molybdenum	96-1	408	358	425	397	8.73	cps
Molybdenum	97-1	225	250	217	231	7.52	cps
Molybdenum	98-1	508	417	433	453	10.78	cps
Neodymium	150-1	13	13	13	13	0.00	cps
Neodymium	150-2	0	0	0	0	0.00	cps
Nickel	60-2	2657	2627	2574	2619	1.61	cps
Phosphorus	31-2	0	0	0	0	0.00	cps
Potassium	39-2	10112	10012	9729	9951	2.00	cps
Rhodium	103-1	11806362	11517696	11905608	11743222	1.72	cps
Rhodium	103-2	3142425	3102320	3093186	3112644	0.84	cps
Scandium	45-1	7520194	7355313	7696484	7523997	2.27	cps
Scandium	45-2	54977	54954	56667	55533	1.77	cps
Selenium	77-2	3	3	3	3	0.00	cps
Selenium	78-2	37	30	24	30	21.51	cps
Selenium	82-1	1676	1703	1746	1709	2.06	cps
Silicon	28-1	360076	361628	357365	359689	0.60	cps
Silver	109-1	43839	43522	42777	43380	1.26	cps
Silver	107-1	45093	45653	46305	45684	1.33	cps
Sodium	23-2	36657	35604	36890	36384	1.88	cps
Strontium	86-1	567	625	642	611	6.44	cps
Strontium	88-1	792	750	692	745	6.75	cps
Sulfur	34-1	440780	435373	438158	438103	0.62	cps
Terbium	159-1	16124092	15628744	16314005	16022280	2.21	cps
Terbium	159-2	3214031	3181805	3213191	3203009	0.57	cps
Thallium	203-1	41937	41368	39981	41095	2.45	cps
Thallium	205-1	98607	99171	96851	98210	1.23	cps
Tin	118-1	1133	1200	1108	1147	4.13	cps
Titanium	47-1	142	158	200	167	18.03	cps
Uranium	238-1	42	33	67	47	36.74	cps
Vanadium	51-2	3954	3907	4134	3998	2.99	cps
Yttrium	89-1	13156264	12714297	13241284	13037282	2.17	cps
Yttrium	89-2	371732	369882	371711	371108	0.29	cps
Zinc	66-2	1500	1287	1370	1386	7.76	cps

LB Number :	LB96823	Operator :	Jaswal
Lab Sample ID :	J3972-01RE	Instrumnet Name :	P8
Client Sample ID :	MA4Z31RE	Dilution Factor :	1
Date & Time Acquired ::	2018-07-23 15:27:43	DataFile Name :	022SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	90-1	1333	1242	1558	1378	11.83	cps
Zirconium	91-1	267	300	275	281	6.18	cps

LB Number :	LB96823	Operator :	Jaswal
Lab Sample ID :	J3972-04	Instrumnet Name :	P8
Client Sample ID :	MA4Z34	Dilution Factor :	1
Date & Time Acquired ::	2018-07-23 15:31:04	DataFile Name :	023SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	273	303	203	260	19.74	cps
Antimony	121-1	24415	22962	24123	23833	3.22	cps
Arsenic	75-2	411	443	431	428	3.73	cps
Barium	135-1	6452	6569	6285	6435	2.21	cps
Barium	137-1	10313	10605	10980	10632	3.15	cps
Beryllium	9-1	111	156	128	131	17.08	cps
Bismuth	209-1	10818561	11016949	10766972	10867494	1.21	cps
Bismuth	209-2	3058699	2986792	3008910	3018134	1.22	cps
Boron	10-1	2584	2167	2809	2520	12.92	cps
Boron	11-1	11855	12189	11714	11919	2.05	cps
Cadmium	111-1	2307	2309	2475	2364	4.06	cps
Cadmium	106-1	3217	3251	3342	3270	1.98	cps
Cadmium	108-1	46	71	33	50	38.19	cps
Calcium	43-1	243098	242743	240553	242131	0.57	cps
Calcium	44-1	4063325	4024408	3999166	4028967	0.80	cps
Chromium	52-2	11255	11291	11145	11230	0.68	cps
Cobalt	59-2	487	533	433	484	10.33	cps
Copper	63-2	3707	3374	3511	3531	4.75	cps
Dysprosium	156-1	17	25	17	19	24.73	cps
Dysprosium	156-2	3	3	0	2	86.60	cps
Erbium	164-1	42	100	67	69	42.14	cps
Erbium	164-2	10	30	13	18	60.28	cps
Gadolinium	160-1	117	175	100	131	30.17	cps
Gadolinium	160-2	30	23	20	24	20.83	cps
Holmium	165-1	17126864	17502074	16994562	17207834	1.53	cps
Holmium	165-2	3630484	3607894	3558982	3599120	1.02	cps
Indium	115-1	13571486	13594559	13306519	13490855	1.19	cps
Indium	115-2	529412	528955	521702	526690	0.82	cps
Iron	56-2	4763013	4739489	4693393	4731965	0.75	cps
Iron	57-2	119979	118757	116409	118381	1.53	cps
Krypton	83-1	317	310	303	310	2.15	cps
Lead	206-1	2395	2134	1972	2167	9.83	cps
Lead	207-1	1822	1772	1934	1843	4.48	cps
Lead	208-1	8724	8435	8146	8435	3.43	cps
Lithium	6-1	2798177	2842165	2734005	2791449	1.95	cps
Magnesium	24-2	122667	123381	121936	122661	0.59	cps

LB Number :	LB96823	Operator :	Jaswal
Lab Sample ID :	J3972-04	Instrumnet Name :	P8
Client Sample ID :	MA4Z34	Dilution Factor :	1
Date & Time Acquired ::	2018-07-23 15:31:04	DataFile Name :	023SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	10050	10087	9844	9994	1.31	cps
Molybdenum	94-1	103518	101486	100906	101970	1.34	cps
Molybdenum	95-1	177775	175960	176153	176629	0.56	cps
Molybdenum	96-1	190084	188746	186398	188409	0.99	cps
Molybdenum	97-1	113430	109776	109027	110744	2.13	cps
Molybdenum	98-1	290211	284760	282483	285818	1.39	cps
Neodymium	150-1	33	27	27	29	13.31	cps
Neodymium	150-2	7	3	7	6	34.70	cps
Nickel	60-2	1723	1700	1727	1717	0.85	cps
Phosphorus	31-2	17	17	0	11	86.60	cps
Potassium	39-2	196866	192708	191958	193844	1.36	cps
Rhodium	103-1	12615575	12696210	12501334	12604373	0.78	cps
Rhodium	103-2	3349125	3331996	3301414	3327511	0.73	cps
Scandium	45-1	8062520	8272339	8010933	8115264	1.71	cps
Scandium	45-2	59338	58180	57748	58422	1.41	cps
Selenium	77-2	0	0	0	0	0.00	cps
Selenium	78-2	7	6	4	6	33.38	cps
Selenium	82-1	75	90	129	98	28.50	cps
Silicon	28-1	17437025	17206655	16938979	17194219	1.45	cps
Silver	109-1	983	1342	1475	1267	20.07	cps
Silver	107-1	1175	1408	1525	1370	13.01	cps
Sodium	23-2	1355496	1335440	1321083	1337339	1.29	cps
Strontium	86-1	253039	250797	246642	250160	1.30	cps
Strontium	88-1	2256584	2177719	2183205	2205836	2.00	cps
Sulfur	34-1	731783	721294	719751	724276	0.90	cps
Terbium	159-1	17503547	17767621	17545720	17605629	0.81	cps
Terbium	159-2	3425420	3400001	3412645	3412688	0.37	cps
Thallium	203-1	942	975	1050	989	5.61	cps
Thallium	205-1	2617	2334	2184	2378	9.26	cps
Tin	118-1	2075	1842	1900	1939	6.26	cps
Titanium	47-1	1125	1208	1500	1278	15.41	cps
Uranium	238-1	179105	179066	180138	179436	0.34	cps
Vanadium	51-2	2577	2570	2557	2568	0.40	cps
Yttrium	89-1	14281212	14142547	14046637	14156799	0.83	cps
Yttrium	89-2	391658	388844	387117	389206	0.59	cps
Zinc	66-2	2090	1763	1837	1897	9.04	cps

LB Number :	LB96823	Operator :	Jaswal
Lab Sample ID :	J3972-04	Instrumnet Name :	P8
Client Sample ID :	MA4Z34	Dilution Factor :	1
Date & Time Acquired ::	2018-07-23 15:31:04	DataFile Name :	023SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	90-1	2150	2034	2059	2081	2.95	cps
Zirconium	91-1	483	308	425	406	21.97	cps

LB Number :	LB96823	Operator :	Jaswal
Lab Sample ID :	J3972-05	Instrumnet Name :	P8
Client Sample ID :	MA4Z35	Dilution Factor :	1
Date & Time Acquired ::	2018-07-23 15:34:22	DataFile Name :	024SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	293	327	357	326	9.73	cps
Antimony	121-1	94719	92729	94533	93994	1.17	cps
Arsenic	75-2	1413	1407	1513	1445	4.11	cps
Barium	135-1	3242	3192	3334	3256	2.21	cps
Barium	137-1	6077	5818	5785	5893	2.71	cps
Beryllium	9-1	117	150	150	139	13.86	cps
Bismuth	209-1	11498474	11356246	11273561	11376093	1.00	cps
Bismuth	209-2	3019782	3048296	2990611	3019563	0.96	cps
Boron	10-1	2650	2675	3075	2800	8.52	cps
Boron	11-1	13031	12973	13424	13143	1.86	cps
Cadmium	111-1	2630	2394	2265	2430	7.63	cps
Cadmium	106-1	3601	3292	3192	3362	6.33	cps
Cadmium	108-1	33	21	46	33	37.50	cps
Calcium	43-1	389293	385903	380812	385336	1.11	cps
Calcium	44-1	6355029	6401042	6289153	6348408	0.89	cps
Chromium	52-2	1333	1343	1277	1318	2.73	cps
Cobalt	59-2	763	637	697	699	9.07	cps
Copper	63-2	2334	2507	2317	2386	4.41	cps
Dysprosium	156-1	67	92	58	72	24.02	cps
Dysprosium	156-2	10	10	7	9	21.63	cps
Erbium	164-1	67	67	108	81	29.86	cps
Erbium	164-2	10	23	10	14	53.28	cps
Gadolinium	160-1	150	117	150	139	13.86	cps
Gadolinium	160-2	30	43	30	34	22.34	cps
Holmium	165-1	17651416	17689597	17522246	17621086	0.50	cps
Holmium	165-2	3626362	3607108	3585072	3606181	0.57	cps
Indium	115-1	14013278	13618969	13464717	13698988	2.07	cps
Indium	115-2	517606	517165	511166	515312	0.70	cps
Iron	56-2	906209	899967	897462	901213	0.50	cps
Iron	57-2	22530	23075	22441	22682	1.51	cps
Krypton	83-1	270	403	350	341	19.67	cps
Lead	206-1	2006	1711	1906	1874	7.99	cps
Lead	207-1	1622	1478	1672	1591	6.35	cps
Lead	208-1	7835	7268	7523	7542	3.76	cps
Lithium	6-1	2820705	2773781	2800776	2798421	0.84	cps
Magnesium	24-2	154505	153327	153544	153792	0.41	cps

LB Number :	LB96823	Operator :	Jaswal
Lab Sample ID :	J3972-05	Instrumnet Name :	P8
Client Sample ID :	MA4Z35	Dilution Factor :	1
Date & Time Acquired ::	2018-07-23 15:34:22	DataFile Name :	024SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	3364	3521	3387	3424	2.47	cps
Molybdenum	94-1	34311	34503	34796	34536	0.71	cps
Molybdenum	95-1	59699	58854	58987	59180	0.77	cps
Molybdenum	96-1	64462	63147	65182	64264	1.61	cps
Molybdenum	97-1	36809	37328	36935	37024	0.73	cps
Molybdenum	98-1	95586	94622	93883	94697	0.90	cps
Neodymium	150-1	60	53	80	64	21.53	cps
Neodymium	150-2	3	3	3	3	0.00	cps
Nickel	60-2	2430	2304	2637	2457	6.85	cps
Phosphorus	31-2	17	0	25	14	91.65	cps
Potassium	39-2	55150	53486	55360	54665	1.88	cps
Rhodium	103-1	12887458	12743219	12705562	12778746	0.75	cps
Rhodium	103-2	3270052	3264806	3229483	3254780	0.68	cps
Scandium	45-1	8275351	8132149	8059025	8155509	1.35	cps
Scandium	45-2	56008	56540	55743	56097	0.72	cps
Selenium	77-2	0	3	0	1	173.21	cps
Selenium	78-2	4	2	4	3	34.64	cps
Selenium	82-1	182	30	18	77	119.31	cps
Silicon	28-1	21012147	20807270	20556504	20791974	1.10	cps
Silver	109-1	2259	2467	2267	2331	5.06	cps
Silver	107-1	2125	2300	2667	2364	11.69	cps
Sodium	23-2	1895063	1897140	1876010	1889404	0.62	cps
Strontium	86-1	178697	175945	173742	176128	1.41	cps
Strontium	88-1	1541508	1550817	1528732	1540352	0.72	cps
Sulfur	34-1	491629	489298	481465	487464	1.09	cps
Terbium	159-1	18219718	18166616	17978031	18121455	0.70	cps
Terbium	159-2	3418590	3454973	3383332	3418965	1.05	cps
Thallium	203-1	867	983	1025	958	8.57	cps
Thallium	205-1	2250	2159	1967	2125	6.80	cps
Tin	118-1	1959	1800	1717	1825	6.73	cps
Titanium	47-1	1559	1408	1650	1539	7.93	cps
Uranium	238-1	731347	713646	719957	721650	1.24	cps
Vanadium	51-2	1697	1667	1857	1740	5.87	cps
Yttrium	89-1	14454929	14190961	14237978	14294623	0.99	cps
Yttrium	89-2	382288	382914	376843	380682	0.88	cps
Zinc	66-2	1343	1207	1337	1296	5.95	cps

LB Number :	LB96823	Operator :	Jaswal
Lab Sample ID :	J3972-05	Instrumnet Name :	P8
Client Sample ID :	MA4Z35	Dilution Factor :	1
Date & Time Acquired ::	2018-07-23 15:34:22	DataFile Name :	024SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	90-1	1767	2017	1917	1900	6.62	cps
Zirconium	91-1	567	458	450	492	13.24	cps

LB Number :	LB96823	Operator :	Jaswal
Lab Sample ID :	J3972-06	Instrumnet Name :	P8
Client Sample ID :	MA4Z36	Dilution Factor :	1
Date & Time Acquired ::	2018-07-23 15:37:41	DataFile Name :	025SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	580	603	627	603	3.87	cps
Antimony	121-1	45604	47142	46649	46465	1.69	cps
Arsenic	75-2	561	506	483	517	7.75	cps
Barium	135-1	8245	8195	7519	7986	5.07	cps
Barium	137-1	13908	14709	14050	14222	3.00	cps
Beryllium	9-1	139	100	139	126	17.83	cps
Bismuth	209-1	11402868	11160068	11336356	11299764	1.11	cps
Bismuth	209-2	3003943	2975440	3001037	2993473	0.52	cps
Boron	10-1	2359	2375	2584	2439	5.14	cps
Boron	11-1	11472	11405	11488	11455	0.39	cps
Cadmium	111-1	2164	2345	2504	2338	7.29	cps
Cadmium	106-1	3025	3284	3426	3245	6.25	cps
Cadmium	108-1	42	17	21	26	50.76	cps
Calcium	43-1	803766	795356	787576	795566	1.02	cps
Calcium	44-1	13056316	13087575	12894019	13012637	0.80	cps
Chromium	52-2	1477	1310	1430	1406	6.12	cps
Cobalt	59-2	413	413	440	422	3.65	cps
Copper	63-2	2244	2300	2294	2279	1.36	cps
Dysprosium	156-1	67	67	75	69	6.93	cps
Dysprosium	156-2	13	7	17	12	41.65	cps
Erbium	164-1	108	108	125	114	8.45	cps
Erbium	164-2	10	23	20	18	39.03	cps
Gadolinium	160-1	242	200	158	200	20.83	cps
Gadolinium	160-2	33	13	20	22	45.83	cps
Holmium	165-1	17683681	17469329	17466610	17539873	0.71	cps
Holmium	165-2	3569374	3532892	3572199	3558155	0.62	cps
Indium	115-1	13816150	13593199	13660546	13689965	0.84	cps
Indium	115-2	508170	507761	506261	507397	0.20	cps
Iron	56-2	62708	63812	62579	63033	1.08	cps
Iron	57-2	1622	1678	1700	1667	2.40	cps
Krypton	83-1	293	307	287	296	3.45	cps
Lead	206-1	1267	1372	1300	1313	4.11	cps
Lead	207-1	1189	1117	1183	1163	3.46	cps
Lead	208-1	5290	5201	5056	5182	2.27	cps
Lithium	6-1	2765051	2707636	2745979	2739555	1.07	cps
Magnesium	24-2	186498	181335	179019	182284	2.10	cps

LB Number :	LB96823	Operator :	Jaswal
Lab Sample ID :	J3972-06	Instrumnet Name :	P8
Client Sample ID :	MA4Z36	Dilution Factor :	1
Date & Time Acquired ::	2018-07-23 15:37:41	DataFile Name :	025SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	1197	1407	1203	1269	9.41	cps
Molybdenum	94-1	12907	12273	12673	12618	2.54	cps
Molybdenum	95-1	19899	20208	20575	20227	1.67	cps
Molybdenum	96-1	21919	22452	22044	22138	1.26	cps
Molybdenum	97-1	12848	13265	12957	13023	1.66	cps
Molybdenum	98-1	33534	32523	33234	33097	1.57	cps
Neodymium	150-1	60	87	60	69	22.35	cps
Neodymium	150-2	13	7	7	9	43.25	cps
Nickel	60-2	1427	1510	1363	1433	5.13	cps
Phosphorus	31-2	25	17	8	17	50.01	cps
Potassium	39-2	46553	45441	46102	46032	1.21	cps
Rhodium	103-1	12660134	12528667	12586795	12591866	0.52	cps
Rhodium	103-2	3244221	3180034	3185765	3203340	1.11	cps
Scandium	45-1	8002803	7859984	7838355	7900380	1.13	cps
Scandium	45-2	54341	53465	54857	54221	1.30	cps
Selenium	77-2	3	0	0	1	173.21	cps
Selenium	78-2	0	4	7	4	100.05	cps
Selenium	82-1	120	100	116	112	9.77	cps
Silicon	28-1	20244282	20010513	20018709	20091168	0.66	cps
Silver	109-1	1934	1875	2192	2000	8.43	cps
Silver	107-1	2142	2025	2209	2125	4.37	cps
Sodium	23-2	931245	929992	921137	927458	0.59	cps
Strontium	86-1	264579	270229	270873	268560	1.29	cps
Strontium	88-1	2352724	2347765	2339959	2346816	0.27	cps
Sulfur	34-1	531677	526445	525072	527732	0.66	cps
Terbium	159-1	18108756	17886684	17978840	17991427	0.62	cps
Terbium	159-2	3359899	3375510	3383528	3372979	0.36	cps
Thallium	203-1	683	775	592	683	13.42	cps
Thallium	205-1	1692	1959	1775	1809	7.54	cps
Tin	118-1	1750	1659	1884	1764	6.41	cps
Titanium	47-1	2534	2875	2892	2767	7.31	cps
Uranium	238-1	325173	324232	326513	325306	0.35	cps
Vanadium	51-2	983	887	957	942	5.30	cps
Yttrium	89-1	14201567	14080379	14041456	14107801	0.59	cps
Yttrium	89-2	373859	373618	372852	373443	0.14	cps
Zinc	66-2	1430	1377	1503	1437	4.43	cps

LB Number :	LB96823	Operator :	Jaswal
Lab Sample ID :	J3972-06	Instrumnet Name :	P8
Client Sample ID :	MA4Z36	Dilution Factor :	1
Date & Time Acquired ::	2018-07-23 15:37:41	DataFile Name :	025SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	90-1	1825	1975	1892	1897	3.96	cps
Zirconium	91-1	433	358	408	400	9.55	cps

LB Number :	LB96823	Operator :	Jaswal
Lab Sample ID :	J3972-07	Instrumnet Name :	P8
Client Sample ID :	MA4Z37	Dilution Factor :	1
Date & Time Acquired ::	2018-07-23 15:41:01	DataFile Name :	026SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	1040	1047	1030	1039	0.81	cps
Antimony	121-1	61116	59349	59375	59947	1.69	cps
Arsenic	75-2	363	330	357	350	5.10	cps
Barium	135-1	4326	4251	4493	4356	2.84	cps
Barium	137-1	7719	7669	7936	7775	1.82	cps
Beryllium	9-1	167	150	100	139	24.98	cps
Bismuth	209-1	11514311	11356281	11331841	11400811	0.87	cps
Bismuth	209-2	2971234	2992216	2882370	2948607	1.98	cps
Boron	10-1	2375	2417	2259	2350	3.49	cps
Boron	11-1	11347	10529	10821	10899	3.80	cps
Cadmium	111-1	2183	2615	2290	2363	9.53	cps
Cadmium	106-1	3000	3592	3159	3251	9.43	cps
Cadmium	108-1	13	17	25	18	35.25	cps
Calcium	43-1	809969	809230	804846	808015	0.34	cps
Calcium	44-1	13440659	13303383	13192725	13312256	0.93	cps
Chromium	52-2	1337	1390	1320	1349	2.71	cps
Cobalt	59-2	660	690	567	639	10.07	cps
Copper	63-2	2284	2380	2427	2364	3.09	cps
Dysprosium	156-1	225	167	242	211	18.65	cps
Dysprosium	156-2	33	60	37	43	33.53	cps
Erbium	164-1	308	233	283	275	13.89	cps
Erbium	164-2	40	77	30	49	50.26	cps
Gadolinium	160-1	217	375	333	308	26.62	cps
Gadolinium	160-2	87	47	50	61	36.32	cps
Holmium	165-1	17913282	17731588	17734928	17793266	0.58	cps
Holmium	165-2	3496343	3586623	3435311	3506092	2.17	cps
Indium	115-1	13572399	13556334	13492213	13540315	0.31	cps
Indium	115-2	494996	502646	491867	496503	1.12	cps
Iron	56-2	4282916	4195918	4177472	4218769	1.33	cps
Iron	57-2	105563	105530	104165	105086	0.76	cps
Krypton	83-1	347	353	367	356	2.86	cps
Lead	206-1	2145	2300	2122	2189	4.43	cps
Lead	207-1	1861	1817	1745	1808	3.26	cps
Lead	208-1	8640	8668	8157	8488	3.39	cps
Lithium	6-1	2769998	2734536	2722932	2742489	0.89	cps
Magnesium	24-2	208474	206530	207067	207357	0.48	cps

LB Number :	LB96823	Operator :	Jaswal
Lab Sample ID :	J3972-07	Instrumnet Name :	P8
Client Sample ID :	MA4Z37	Dilution Factor :	1
Date & Time Acquired ::	2018-07-23 15:41:01	DataFile Name :	026SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	22034	21774	21917	21908	0.60	cps
Molybdenum	94-1	6068	6268	6243	6193	1.76	cps
Molybdenum	95-1	10179	9871	9729	9926	2.32	cps
Molybdenum	96-1	10846	10755	11522	11041	3.80	cps
Molybdenum	97-1	6685	6243	6494	6474	3.42	cps
Molybdenum	98-1	16018	16219	16694	16310	2.13	cps
Neodymium	150-1	213	200	260	224	14.04	cps
Neodymium	150-2	20	47	27	31	44.61	cps
Nickel	60-2	1880	1727	1790	1799	4.28	cps
Phosphorus	31-2	33	17	50	33	50.00	cps
Potassium	39-2	38011	37242	38445	37899	1.61	cps
Rhodium	103-1	12495258	12414540	12404093	12437964	0.40	cps
Rhodium	103-2	3181045	3237447	3146418	3188303	1.44	cps
Scandium	45-1	7798518	7741048	7769658	7769741	0.37	cps
Scandium	45-2	51725	54111	51308	52381	2.89	cps
Selenium	77-2	0	0	0	0	0.00	cps
Selenium	78-2	2	6	2	3	69.39	cps
Selenium	82-1	26	-14	30	14	172.76	cps
Silicon	28-1	17093722	17052813	16931616	17026050	0.50	cps
Silver	109-1	1742	1834	1959	1845	5.90	cps
Silver	107-1	1659	1734	1667	1686	2.44	cps
Sodium	23-2	947083	939305	925697	937362	1.15	cps
Strontium	86-1	289946	288617	286321	288295	0.64	cps
Strontium	88-1	2529152	2513023	2483034	2508403	0.93	cps
Sulfur	34-1	489825	493087	493379	492097	0.40	cps
Terbium	159-1	18276401	18162667	18138447	18192505	0.40	cps
Terbium	159-2	3356746	3388252	3296374	3347124	1.39	cps
Thallium	203-1	375	542	692	536	29.55	cps
Thallium	205-1	1267	1192	1534	1331	13.50	cps
Tin	118-1	1825	1925	1759	1836	4.57	cps
Titanium	47-1	7319	7177	7761	7419	4.10	cps
Uranium	238-1	196837	197583	195763	196728	0.46	cps
Vanadium	51-2	897	800	863	853	5.75	cps
Yttrium	89-1	14023402	13959124	13888989	13957172	0.48	cps
Yttrium	89-2	362837	375025	360993	366285	2.08	cps
Zinc	66-2	1510	1467	1563	1513	3.20	cps

LB Number :	LB96823	Operator :	Jaswal
Lab Sample ID :	J3972-07	Instrumnet Name :	P8
Client Sample ID :	MA4Z37	Dilution Factor :	1
Date & Time Acquired ::	2018-07-23 15:41:01	DataFile Name :	026SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	90-1	2042	2284	2250	2192	5.98	cps
Zirconium	91-1	475	333	567	458	25.65	cps

LB Number :	LB96823	Operator :	Jaswal
Lab Sample ID :	J3972-08	Instrumnet Name :	P8
Client Sample ID :	MA4Z38	Dilution Factor :	1
Date & Time Acquired ::	2018-07-23 15:44:20	DataFile Name :	027SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	1273	1273	1367	1305	4.13	cps
Antimony	121-1	11989	12181	11480	11883	3.05	cps
Arsenic	75-2	480	465	463	469	1.95	cps
Barium	135-1	7736	8453	7953	8047	4.57	cps
Barium	137-1	14292	13683	12882	13619	5.19	cps
Beryllium	9-1	144	150	156	150	3.70	cps
Bismuth	209-1	11411308	11632781	11524129	11522739	0.96	cps
Bismuth	209-2	2955384	2975018	2909262	2946555	1.15	cps
Boron	10-1	1659	1917	1900	1825	7.92	cps
Boron	11-1	9353	9487	9854	9565	2.71	cps
Cadmium	111-1	2251	2179	2367	2266	4.19	cps
Cadmium	106-1	3076	3042	3309	3142	4.63	cps
Cadmium	108-1	21	13	17	17	24.99	cps
Calcium	43-1	1009263	1004965	1004203	1006144	0.27	cps
Calcium	44-1	16538028	16750571	16324643	16537747	1.29	cps
Chromium	52-2	7292	7382	7365	7346	0.65	cps
Cobalt	59-2	583	693	617	631	8.94	cps
Copper	63-2	2927	3060	2847	2945	3.66	cps
Dysprosium	156-1	725	683	608	672	8.80	cps
Dysprosium	156-2	167	113	93	124	30.46	cps
Erbium	164-1	875	783	592	750	19.28	cps
Erbium	164-2	93	147	167	136	27.96	cps
Gadolinium	160-1	758	817	567	714	18.32	cps
Gadolinium	160-2	180	190	160	177	8.65	cps
Holmium	165-1	17861751	17755110	17755929	17790930	0.34	cps
Holmium	165-2	3503555	3462121	3466032	3477236	0.66	cps
Indium	115-1	13575864	13522280	13520560	13539568	0.23	cps
Indium	115-2	492326	493623	480621	488857	1.46	cps
Iron	56-2	4271722	4268208	4272276	4270735	0.05	cps
Iron	57-2	108704	107617	105832	107384	1.35	cps
Krypton	83-1	250	333	343	309	16.59	cps
Lead	206-1	13230	12907	13107	13081	1.24	cps
Lead	207-1	10227	9910	9826	9988	2.11	cps
Lead	208-1	49383	48916	48549	48949	0.85	cps
Lithium	6-1	2675195	2727509	2706920	2703208	0.97	cps
Magnesium	24-2	169110	169053	166708	168290	0.81	cps

LB Number :	LB96823	Operator :	Jaswal
Lab Sample ID :	J3972-08	Instrumnet Name :	P8
Client Sample ID :	MA4Z38	Dilution Factor :	1
Date & Time Acquired ::	2018-07-23 15:44:20	DataFile Name :	027SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	14398	14137	14194	14243	0.96	cps
Molybdenum	94-1	2967	2934	2884	2928	1.43	cps
Molybdenum	95-1	2825	2725	2650	2734	3.21	cps
Molybdenum	96-1	3409	3376	3317	3367	1.38	cps
Molybdenum	97-1	1942	1950	1842	1911	3.15	cps
Molybdenum	98-1	4768	4376	4493	4545	4.43	cps
Neodymium	150-1	747	887	820	818	8.56	cps
Neodymium	150-2	113	80	93	96	17.56	cps
Nickel	60-2	1177	1213	1317	1236	5.88	cps
Phosphorus	31-2	83	25	75	61	51.63	cps
Potassium	39-2	36757	35588	34986	35777	2.52	cps
Rhodium	103-1	12471325	12482919	12387042	12447095	0.42	cps
Rhodium	103-2	3192812	3150431	3094724	3145989	1.56	cps
Scandium	45-1	7689710	7739233	7603612	7677518	0.89	cps
Scandium	45-2	51584	51223	50608	51138	0.97	cps
Selenium	77-2	0	3	0	1	173.21	cps
Selenium	78-2	4	0	2	2	100.00	cps
Selenium	82-1	98	48	12	53	81.69	cps
Silicon	28-1	19405272	19088971	19073364	19189203	0.98	cps
Silver	109-1	1467	1500	2009	1659	18.31	cps
Silver	107-1	1800	1775	1742	1772	1.65	cps
Sodium	23-2	495775	493192	491524	493497	0.43	cps
Strontium	86-1	317993	313294	317035	316108	0.79	cps
Strontium	88-1	2814136	2785491	2764543	2788057	0.89	cps
Sulfur	34-1	452053	448744	447052	449283	0.57	cps
Terbium	159-1	18268029	18161643	18193264	18207645	0.30	cps
Terbium	159-2	3271861	3309192	3226588	3269214	1.27	cps
Thallium	203-1	350	433	425	403	11.40	cps
Thallium	205-1	958	983	1025	989	3.41	cps
Tin	118-1	1784	2100	1742	1875	10.45	cps
Titanium	47-1	13632	13908	13632	13724	1.16	cps
Uranium	238-1	180641	179620	180145	180135	0.28	cps
Vanadium	51-2	2320	2200	2147	2222	4.00	cps
Yttrium	89-1	13983462	13816197	13842511	13880723	0.65	cps
Yttrium	89-2	364106	361462	350981	358850	1.93	cps
Zinc	66-2	2454	2447	2270	2390	4.35	cps

LB Number :	LB96823	Operator :	Jaswal
Lab Sample ID :	J3972-08	Instrumnet Name :	P8
Client Sample ID :	MA4Z38	Dilution Factor :	1
Date & Time Acquired ::	2018-07-23 15:44:20	DataFile Name :	027SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	90-1	3901	3942	3926	3923	0.53	cps
Zirconium	91-1	675	750	858	761	12.11	cps

LB Number :	LB96823	Operator :	Jaswal
Lab Sample ID :	J3972-09	Instrumnet Name :	P8
Client Sample ID :	MA4Z39	Dilution Factor :	1
Date & Time Acquired ::	2018-07-23 15:47:39	DataFile Name :	028SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	1143	1247	1247	1212	4.92	cps
Antimony	121-1	11681	11464	11472	11539	1.06	cps
Arsenic	75-2	474	441	369	428	12.61	cps
Barium	135-1	7769	7728	7127	7541	4.76	cps
Barium	137-1	12782	13057	12690	12843	1.49	cps
Beryllium	9-1	128	106	144	126	15.49	cps
Bismuth	209-1	11839691	11769279	11618900	11742623	0.96	cps
Bismuth	209-2	2944419	2864698	2932305	2913807	1.47	cps
Boron	10-1	1850	1959	1934	1914	2.96	cps
Boron	11-1	9362	9145	9487	9331	1.85	cps
Cadmium	111-1	2212	2461	2082	2252	8.55	cps
Cadmium	106-1	3134	3459	2925	3173	8.47	cps
Cadmium	108-1	33	21	17	24	36.73	cps
Calcium	43-1	998918	980179	982925	987341	1.02	cps
Calcium	44-1	16361197	16255792	16311826	16309605	0.32	cps
Chromium	52-2	7242	7315	7352	7303	0.77	cps
Cobalt	59-2	660	697	693	683	2.97	cps
Copper	63-2	2760	2587	2837	2728	4.70	cps
Dysprosium	156-1	617	608	558	594	5.31	cps
Dysprosium	156-2	130	137	147	138	6.09	cps
Erbium	164-1	842	875	633	783	16.72	cps
Erbium	164-2	157	123	117	132	16.21	cps
Gadolinium	160-1	758	758	725	747	2.58	cps
Gadolinium	160-2	183	173	147	168	11.30	cps
Holmium	165-1	18287018	18303423	17775587	18122009	1.66	cps
Holmium	165-2	3510900	3437992	3480656	3476516	1.05	cps
Indium	115-1	13882733	13554943	13345020	13594232	1.99	cps
Indium	115-2	490845	478939	485502	485096	1.23	cps
Iron	56-2	3881090	3850334	3818897	3850107	0.81	cps
Iron	57-2	95196	95821	95189	95402	0.38	cps
Krypton	83-1	360	303	307	323	9.83	cps
Lead	206-1	11889	11900	11878	11889	0.09	cps
Lead	207-1	9259	8720	9015	8998	3.00	cps
Lead	208-1	44593	44889	43986	44489	1.03	cps
Lithium	6-1	2735022	2738254	2712148	2728475	0.52	cps
Magnesium	24-2	166877	163067	162173	164039	1.52	cps

LB Number :	LB96823	Operator :	Jaswal
Lab Sample ID :	J3972-09	Instrumnet Name :	P8
Client Sample ID :	MA4Z39	Dilution Factor :	1
Date & Time Acquired ::	2018-07-23 15:47:39	DataFile Name :	028SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	13824	13927	13540	13764	1.46	cps
Molybdenum	94-1	3009	3342	3017	3123	6.09	cps
Molybdenum	95-1	2900	2675	2650	2742	5.02	cps
Molybdenum	96-1	3392	3134	3050	3192	5.58	cps
Molybdenum	97-1	1692	1825	2000	1839	8.41	cps
Molybdenum	98-1	4818	4284	4234	4445	7.28	cps
Neodymium	150-1	720	913	793	809	12.07	cps
Neodymium	150-2	103	83	73	87	17.63	cps
Nickel	60-2	1353	1290	1233	1292	4.65	cps
Phosphorus	31-2	67	75	83	75	11.11	cps
Potassium	39-2	37100	35337	34861	35766	3.30	cps
Rhodium	103-1	12896542	12575903	12289749	12587398	2.41	cps
Rhodium	103-2	3126834	3109589	3148567	3128330	0.62	cps
Scandium	45-1	7873731	7811600	7663147	7782826	1.39	cps
Scandium	45-2	50042	50902	50273	50406	0.88	cps
Selenium	77-2	0	3	0	1	173.21	cps
Selenium	78-2	6	4	2	4	50.09	cps
Selenium	82-1	28	72	82	61	47.85	cps
Silicon	28-1	18741470	18560033	18556034	18619179	0.57	cps
Silver	109-1	1433	1625	1275	1445	12.14	cps
Silver	107-1	1392	1542	1450	1461	5.18	cps
Sodium	23-2	489349	483975	475044	482789	1.50	cps
Strontium	86-1	314669	309290	313867	312609	0.93	cps
Strontium	88-1	2749728	2735490	2749061	2744760	0.29	cps
Sulfur	34-1	442385	441319	439940	441214	0.28	cps
Terbium	159-1	18833267	18438177	18264641	18512028	1.57	cps
Terbium	159-2	3312891	3228573	3317353	3286272	1.52	cps
Thallium	203-1	283	292	242	272	9.84	cps
Thallium	205-1	608	700	917	742	21.35	cps
Tin	118-1	1634	1717	1600	1650	3.64	cps
Titanium	47-1	13490	12723	12398	12870	4.36	cps
Uranium	238-1	178135	177955	178151	178080	0.06	cps
Vanadium	51-2	2090	2050	2010	2050	1.95	cps
Yttrium	89-1	14192085	14081738	13982085	14085303	0.75	cps
Yttrium	89-2	358200	349027	355769	354332	1.34	cps
Zinc	66-2	1980	2020	1967	1989	1.40	cps

LB Number :	LB96823	Operator :	Jaswal
Lab Sample ID :	J3972-09	Instrumnet Name :	P8
Client Sample ID :	MA4Z39	Dilution Factor :	1
Date & Time Acquired ::	2018-07-23 15:47:39	DataFile Name :	028SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	90-1	3767	4059	4176	4001	5.26	cps
Zirconium	91-1	925	825	983	911	8.79	cps

LB Number :	LB96823	Operator :	Jaswal
Lab Sample ID :	J3972-10	Instrumnet Name :	P8
Client Sample ID :	MA4Z40	Dilution Factor :	1
Date & Time Acquired ::	2018-07-23 15:50:58	DataFile Name :	029SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	340	293	287	307	9.48	cps
Antimony	121-1	21652	21743	22344	21913	1.72	cps
Arsenic	75-2	289	313	300	301	4.01	cps
Barium	135-1	5818	5843	6193	5952	3.52	cps
Barium	137-1	10079	10330	10263	10224	1.27	cps
Beryllium	9-1	117	89	100	102	13.73	cps
Bismuth	209-1	11636973	11765539	11683062	11695191	0.56	cps
Bismuth	209-2	2945485	2926647	2908805	2926979	0.63	cps
Boron	10-1	2025	1900	2259	2061	8.83	cps
Boron	11-1	9162	8936	9704	9267	4.26	cps
Cadmium	111-1	2397	2280	2371	2349	2.61	cps
Cadmium	106-1	3326	3209	3284	3273	1.81	cps
Cadmium	108-1	8	17	46	24	83.40	cps
Calcium	43-1	893062	889148	890284	890831	0.23	cps
Calcium	44-1	14727191	14699152	14554490	14660278	0.63	cps
Chromium	52-2	1393	1277	1237	1302	6.25	cps
Cobalt	59-2	567	533	540	547	3.23	cps
Copper	63-2	2407	2364	2397	2389	0.95	cps
Dysprosium	156-1	83	183	108	125	41.63	cps
Dysprosium	156-2	37	30	10	26	54.31	cps
Erbium	164-1	208	183	208	200	7.22	cps
Erbium	164-2	33	10	40	28	56.71	cps
Gadolinium	160-1	267	342	192	267	28.13	cps
Gadolinium	160-2	30	43	57	43	30.77	cps
Holmium	165-1	17943713	18030107	17847801	17940541	0.51	cps
Holmium	165-2	3495235	3452616	3425262	3457704	1.02	cps
Indium	115-1	13831290	13572326	13443252	13615623	1.45	cps
Indium	115-2	488847	479703	482395	483648	0.97	cps
Iron	56-2	415962	411977	411171	413037	0.62	cps
Iron	57-2	10460	10499	10276	10412	1.14	cps
Krypton	83-1	337	387	320	348	9.98	cps
Lead	206-1	1684	1761	1778	1741	2.90	cps
Lead	207-1	1483	1350	1400	1411	4.77	cps
Lead	208-1	6840	6701	6884	6808	1.40	cps
Lithium	6-1	2681678	2704910	2704756	2697115	0.50	cps
Magnesium	24-2	166691	162703	164020	164471	1.24	cps

LB Number :	LB96823	Operator :	Jaswal
Lab Sample ID :	J3972-10	Instrumnet Name :	P8
Client Sample ID :	MA4Z40	Dilution Factor :	1
Date & Time Acquired ::	2018-07-23 15:50:58	DataFile Name :	029SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	5378	5094	5091	5188	3.17	cps
Molybdenum	94-1	26310	25709	25475	25831	1.67	cps
Molybdenum	95-1	44298	44817	43044	44053	2.07	cps
Molybdenum	96-1	48003	45176	47300	46826	3.14	cps
Molybdenum	97-1	28272	28448	28163	28294	0.51	cps
Molybdenum	98-1	70685	71036	71581	71101	0.63	cps
Neodymium	150-1	160	200	173	178	11.46	cps
Neodymium	150-2	10	17	13	13	25.01	cps
Nickel	60-2	1653	1693	1720	1689	1.99	cps
Phosphorus	31-2	75	58	150	94	51.70	cps
Potassium	39-2	98552	97443	97554	97850	0.62	cps
Rhodium	103-1	12643621	12567595	12473764	12561660	0.68	cps
Rhodium	103-2	3163695	3072949	3106649	3114431	1.47	cps
Scandium	45-1	7643124	7665186	7626947	7645086	0.25	cps
Scandium	45-2	51026	49263	49835	50041	1.80	cps
Selenium	77-2	0	0	0	0	0.00	cps
Selenium	78-2	2	0	2	1	86.60	cps
Selenium	82-1	31	1	55	29	93.32	cps
Silicon	28-1	16582014	16309773	16506482	16466089	0.85	cps
Silver	109-1	1150	1058	1433	1214	16.11	cps
Silver	107-1	1183	1333	1350	1289	7.12	cps
Sodium	23-2	689597	689694	685200	688164	0.37	cps
Strontium	86-1	268490	264378	265693	266187	0.79	cps
Strontium	88-1	2362989	2361296	2372640	2365642	0.26	cps
Sulfur	34-1	465257	464675	464173	464701	0.12	cps
Terbium	159-1	18292821	18431304	18284568	18336231	0.45	cps
Terbium	159-2	3329375	3271283	3301087	3300581	0.88	cps
Thallium	203-1	242	333	342	306	18.16	cps
Thallium	205-1	625	675	608	636	5.45	cps
Tin	118-1	1625	1750	1508	1628	7.43	cps
Titanium	47-1	1208	1183	983	1125	10.96	cps
Uranium	238-1	168207	170235	169469	169304	0.60	cps
Vanadium	51-2	1057	1047	1013	1039	2.18	cps
Yttrium	89-1	13964871	14004215	13815767	13928284	0.71	cps
Yttrium	89-2	357082	352407	351754	353748	0.82	cps
Zinc	66-2	1053	1040	1077	1057	1.76	cps

LB Number :	LB96823	Operator :	Jaswal
Lab Sample ID :	J3972-10	Instrumnet Name :	P8
Client Sample ID :	MA4Z40	Dilution Factor :	1
Date & Time Acquired ::	2018-07-23 15:50:58	DataFile Name :	029SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	90-1	1950	1725	1684	1786	8.03	cps
Zirconium	91-1	383	458	567	469	19.63	cps

LB Number :	LB96823	Operator :	Jaswal
Lab Sample ID :	J3972-11	Instrumnet Name :	P8
Client Sample ID :	MA4Z41	Dilution Factor :	1
Date & Time Acquired ::	2018-07-23 15:54:18	DataFile Name :	030SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	227	187	183	199	12.12	cps
Antimony	121-1	15017	14467	14292	14592	2.60	cps
Arsenic	75-2	81	74	67	74	10.00	cps
Barium	135-1	2725	2575	2767	2689	3.75	cps
Barium	137-1	4384	4393	4718	4498	4.23	cps
Beryllium	9-1	78	94	122	98	22.88	cps
Bismuth	209-1	12280984	11970249	11624805	11958679	2.74	cps
Bismuth	209-2	2797958	2920426	2971516	2896633	3.08	cps
Boron	10-1	1842	2025	1859	1909	5.31	cps
Boron	11-1	8711	8970	8945	8875	1.61	cps
Cadmium	111-1	2181	2405	2302	2296	4.87	cps
Cadmium	106-1	3050	3384	3234	3223	5.18	cps
Cadmium	108-1	0	8	4	4	99.96	cps
Calcium	43-1	585106	583567	578563	582412	0.59	cps
Calcium	44-1	9675165	9540625	9625157	9613649	0.71	cps
Chromium	52-2	523	583	520	542	6.57	cps
Cobalt	59-2	707	570	567	614	13.00	cps
Copper	63-2	1887	1997	1914	1932	2.97	cps
Dysprosium	156-1	50	33	33	39	24.75	cps
Dysprosium	156-2	10	17	10	12	31.50	cps
Erbium	164-1	142	92	92	108	26.65	cps
Erbium	164-2	7	7	10	8	24.71	cps
Gadolinium	160-1	183	200	108	164	29.79	cps
Gadolinium	160-2	10	13	23	16	44.60	cps
Holmium	165-1	18978843	18379163	17935778	18431262	2.84	cps
Holmium	165-2	3360950	3477232	3559879	3466021	2.88	cps
Indium	115-1	14488646	13847810	13513611	13950022	3.55	cps
Indium	115-2	465638	485003	493659	481433	2.98	cps
Iron	56-2	803229	805006	797642	801959	0.48	cps
Iron	57-2	20749	19853	20438	20347	2.24	cps
Krypton	83-1	323	390	340	351	9.88	cps
Lead	206-1	1006	939	1039	995	5.12	cps
Lead	207-1	889	861	817	856	4.26	cps
Lead	208-1	4056	3906	3728	3897	4.21	cps
Lithium	6-1	2759918	2732277	2675809	2722668	1.57	cps
Magnesium	24-2	125080	122818	124003	123967	0.91	cps

LB Number :	LB96823	Operator :	Jaswal
Lab Sample ID :	J3972-11	Instrumnet Name :	P8
Client Sample ID :	MA4Z41	Dilution Factor :	1
Date & Time Acquired ::	2018-07-23 15:54:18	DataFile Name :	030SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	12673	12182	12055	12303	2.65	cps
Molybdenum	94-1	3976	4209	4042	4076	2.95	cps
Molybdenum	95-1	6318	6143	6185	6216	1.47	cps
Molybdenum	96-1	7261	6810	7152	7074	3.32	cps
Molybdenum	97-1	4117	4092	4059	4090	0.72	cps
Molybdenum	98-1	10446	9771	10496	10238	3.96	cps
Neodymium	150-1	60	60	33	51	30.13	cps
Neodymium	150-2	3	13	3	7	86.65	cps
Nickel	60-2	1430	1417	1340	1396	3.48	cps
Phosphorus	31-2	8	8	0	6	86.60	cps
Potassium	39-2	33224	33131	32305	32887	1.54	cps
Rhodium	103-1	13281529	12801522	12405498	12829516	3.42	cps
Rhodium	103-2	3024037	3127603	3192022	3114554	2.72	cps
Scandium	45-1	8117528	7721691	7594209	7811142	3.49	cps
Scandium	45-2	47978	48915	50852	49248	2.98	cps
Selenium	77-2	0	3	3	2	86.60	cps
Selenium	78-2	2	0	0	1	173.21	cps
Selenium	82-1	25	-89	-8	-24	-244.14	cps
Silicon	28-1	13604040	13473938	13462699	13513559	0.58	cps
Silver	109-1	1042	1108	1133	1095	4.33	cps
Silver	107-1	1075	1283	1233	1197	9.09	cps
Sodium	23-2	608659	604539	604613	605937	0.39	cps
Strontium	86-1	188612	191084	187318	189005	1.01	cps
Strontium	88-1	1671254	1675309	1666361	1670975	0.27	cps
Sulfur	34-1	414064	417939	415920	415974	0.47	cps
Terbium	159-1	19464995	18692874	18090189	18749353	3.68	cps
Terbium	159-2	3148521	3335866	3375357	3286581	3.69	cps
Thallium	203-1	92	217	158	156	40.21	cps
Thallium	205-1	417	517	450	461	11.04	cps
Tin	118-1	1817	1425	1717	1653	12.31	cps
Titanium	47-1	1042	1042	833	972	12.37	cps
Uranium	238-1	28250	28785	27682	28239	1.95	cps
Vanadium	51-2	173	193	183	183	5.45	cps
Yttrium	89-1	14642008	14226219	13877289	14248505	2.69	cps
Yttrium	89-2	339700	355812	360575	352029	3.11	cps
Zinc	66-2	1543	1380	1477	1467	5.60	cps

LB Number :	LB96823	Operator :	Jaswal
Lab Sample ID :	J3972-11	Instrumnet Name :	P8
Client Sample ID :	MA4Z41	Dilution Factor :	1
Date & Time Acquired ::	2018-07-23 15:54:18	DataFile Name :	030SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	90-1	1675	1600	1433	1570	7.88	cps
Zirconium	91-1	267	350	342	319	14.37	cps

LB Number :	LB96823	Operator :	Jaswal
Lab Sample ID :	J3972-12	Instrumnet Name :	P8
Client Sample ID :	MA4Z41D	Dilution Factor :	1
Date & Time Acquired ::	2018-07-23 15:57:37	DataFile Name :	031SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	210	280	183	224	22.24	cps
Antimony	121-1	14867	14325	14725	14639	1.92	cps
Arsenic	75-2	78	63	44	62	27.05	cps
Barium	135-1	2767	2909	2817	2831	2.54	cps
Barium	137-1	4618	4793	4643	4684	2.02	cps
Beryllium	9-1	67	156	117	113	39.45	cps
Bismuth	209-1	11860519	11859072	11118564	11612718	3.69	cps
Bismuth	209-2	2987062	2981427	2956872	2975120	0.54	cps
Boron	10-1	1425	1917	1934	1759	16.42	cps
Boron	11-1	8211	9170	9037	8806	5.90	cps
Cadmium	111-1	2281	2188	2042	2170	5.54	cps
Cadmium	106-1	3217	3059	2859	3045	5.90	cps
Cadmium	108-1	13	17	13	14	17.33	cps
Calcium	43-1	586318	579475	581062	582285	0.62	cps
Calcium	44-1	9605600	9476934	9521010	9534515	0.69	cps
Chromium	52-2	510	467	530	502	6.45	cps
Cobalt	59-2	593	563	530	562	5.64	cps
Copper	63-2	2010	1920	1847	1926	4.25	cps
Dysprosium	156-1	42	92	50	61	43.83	cps
Dysprosium	156-2	17	7	7	10	57.72	cps
Erbium	164-1	142	142	117	133	10.83	cps
Erbium	164-2	0	23	17	13	90.13	cps
Gadolinium	160-1	150	175	167	164	7.77	cps
Gadolinium	160-2	20	17	17	18	10.81	cps
Holmium	165-1	18338013	18054874	17096772	17829886	3.65	cps
Holmium	165-2	3507045	3471826	3527064	3501978	0.80	cps
Indium	115-1	13786817	13793766	12927715	13502766	3.69	cps
Indium	115-2	490742	486578	490923	489414	0.50	cps
Iron	56-2	799873	793492	792162	795176	0.52	cps
Iron	57-2	20304	19514	20115	19978	2.07	cps
Krypton	83-1	337	393	307	346	12.74	cps
Lead	206-1	911	945	867	907	4.30	cps
Lead	207-1	839	761	756	785	5.93	cps
Lead	208-1	3600	3523	3495	3539	1.55	cps
Lithium	6-1	2720366	2673006	2551463	2648278	3.29	cps
Magnesium	24-2	123634	123389	121323	122782	1.03	cps

LB Number :	LB96823	Operator :	Jaswal
Lab Sample ID :	J3972-12	Instrumnet Name :	P8
Client Sample ID :	MA4Z41D	Dilution Factor :	1
Date & Time Acquired ::	2018-07-23 15:57:37	DataFile Name :	031SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	11922	12085	11999	12002	0.68	cps
Molybdenum	94-1	4167	4067	4418	4217	4.28	cps
Molybdenum	95-1	6594	6293	6444	6444	2.33	cps
Molybdenum	96-1	7152	6910	7427	7163	3.61	cps
Molybdenum	97-1	4034	4251	4526	4270	5.77	cps
Molybdenum	98-1	10621	10588	9829	10346	4.33	cps
Neodymium	150-1	67	67	20	51	52.72	cps
Neodymium	150-2	10	0	3	4	114.60	cps
Nickel	60-2	1460	1360	1417	1412	3.55	cps
Phosphorus	31-2	17	17	8	14	34.67	cps
Potassium	39-2	32130	32188	31971	32096	0.35	cps
Rhodium	103-1	12665777	12801109	12023600	12496829	3.32	cps
Rhodium	103-2	3172839	3116626	3175293	3154919	1.05	cps
Scandium	45-1	7672542	7624866	7174380	7490596	3.67	cps
Scandium	45-2	51611	49577	49490	50226	2.39	cps
Selenium	77-2	0	3	0	1	173.21	cps
Selenium	78-2	2	6	0	2	114.63	cps
Selenium	82-1	15	-100	1	-28	-224.18	cps
Silicon	28-1	13715649	13423176	13543875	13560900	1.08	cps
Silver	109-1	967	1075	1067	1036	5.82	cps
Silver	107-1	1025	1158	1217	1133	8.67	cps
Sodium	23-2	601667	599922	597357	599649	0.36	cps
Strontium	86-1	190098	189227	190242	189856	0.29	cps
Strontium	88-1	1691169	1674424	1657071	1674221	1.02	cps
Sulfur	34-1	418254	416124	416707	417028	0.26	cps
Terbium	159-1	18760918	18717656	17417249	18298608	4.17	cps
Terbium	159-2	3377583	3307698	3295021	3326767	1.34	cps
Thallium	203-1	150	150	200	167	17.32	cps
Thallium	205-1	442	433	442	439	1.10	cps
Tin	118-1	1975	1650	1650	1759	10.67	cps
Titanium	47-1	1025	892	850	922	9.91	cps
Uranium	238-1	27957	29135	27824	28305	2.55	cps
Vanadium	51-2	187	157	177	173	8.81	cps
Yttrium	89-1	13906799	14042942	13097009	13682250	3.74	cps
Yttrium	89-2	357885	350551	357517	355318	1.16	cps
Zinc	66-2	1057	967	940	988	6.19	cps

LB Number :	LB96823	Operator :	Jaswal
Lab Sample ID :	J3972-12	Instrumnet Name :	P8
Client Sample ID :	MA4Z41D	Dilution Factor :	1
Date & Time Acquired ::	2018-07-23 15:57:37	DataFile Name :	031SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	90-1	1383	1517	1508	1470	5.08	cps
Zirconium	91-1	367	275	267	303	18.33	cps

LB Number :	LB96823	Operator :	Jaswal
Lab Sample ID :	J3972-11LX5	Instrumnet Name :	P8
Client Sample ID :	MA4Z41L	Dilution Factor :	5
Date & Time Acquired ::	2018-07-23 16:00:56	DataFile Name :	032SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	27	50	60	46	37.54	cps
Antimony	121-1	2967	2884	2800	2884	2.89	cps
Arsenic	75-2	13	13	9	12	18.22	cps
Barium	135-1	600	592	483	558	11.66	cps
Barium	137-1	842	883	992	906	8.55	cps
Beryllium	9-1	139	161	128	143	11.91	cps
Bismuth	209-1	10866653	10837814	11111825	10938764	1.38	cps
Bismuth	209-2	2796458	2766972	2815425	2792951	0.87	cps
Boron	10-1	867	658	808	778	13.82	cps
Boron	11-1	3509	3659	3609	3592	2.13	cps
Cadmium	111-1	2064	2230	2170	2154	3.90	cps
Cadmium	106-1	2959	3201	3050	3070	3.97	cps
Cadmium	108-1	17	33	4	18	81.02	cps
Calcium	43-1	109004	108592	109650	109082	0.49	cps
Calcium	44-1	1803834	1852737	1830826	1829132	1.34	cps
Chromium	52-2	337	353	403	364	9.52	cps
Cobalt	59-2	100	137	147	128	19.23	cps
Copper	63-2	1177	1163	1223	1188	2.65	cps
Dysprosium	156-1	17	17	42	25	57.73	cps
Dysprosium	156-2	10	7	0	6	91.64	cps
Erbium	164-1	67	25	50	47	44.41	cps
Erbium	164-2	10	7	3	7	50.03	cps
Gadolinium	160-1	75	133	67	92	39.63	cps
Gadolinium	160-2	23	13	10	16	44.60	cps
Holmium	165-1	16758118	16866374	16748479	16790990	0.39	cps
Holmium	165-2	3323593	3304006	3296395	3307998	0.42	cps
Indium	115-1	12659044	12770134	12819090	12749423	0.64	cps
Indium	115-2	468907	464789	470876	468191	0.66	cps
Iron	56-2	154973	154425	153546	154315	0.47	cps
Iron	57-2	3956	4023	3606	3862	5.80	cps
Krypton	83-1	360	277	360	332	14.48	cps
Lead	206-1	467	572	378	472	20.61	cps
Lead	207-1	400	394	417	404	2.87	cps
Lead	208-1	1950	2100	1772	1941	8.46	cps
Lithium	6-1	2440897	2505850	2507764	2484837	1.53	cps
Magnesium	24-2	24605	23579	24272	24152	2.17	cps

LB Number :	LB96823	Operator :	Jaswal
Lab Sample ID :	J3972-11LX5	Instrumnet Name :	P8
Client Sample ID :	MA4Z41L	Dilution Factor :	5
Date & Time Acquired ::	2018-07-23 16:00:56	DataFile Name :	032SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	2364	2474	2424	2420	2.28	cps
Molybdenum	94-1	1292	1083	1250	1208	9.12	cps
Molybdenum	95-1	1425	1350	1175	1317	9.74	cps
Molybdenum	96-1	1650	1450	1408	1503	8.60	cps
Molybdenum	97-1	925	850	1058	945	11.17	cps
Molybdenum	98-1	2159	2167	2275	2200	2.96	cps
Neodymium	150-1	40	13	13	22	69.30	cps
Neodymium	150-2	7	0	3	3	100.05	cps
Nickel	60-2	823	617	807	749	15.33	cps
Phosphorus	31-2	8	8	8	8	0.00	cps
Potassium	39-2	7736	7994	7986	7905	1.86	cps
Rhodium	103-1	11681312	11921078	11804657	11802349	1.02	cps
Rhodium	103-2	2983521	2996605	3012228	2997451	0.48	cps
Scandium	45-1	7135683	7231426	7218594	7195234	0.72	cps
Scandium	45-2	47637	46671	48209	47506	1.64	cps
Selenium	77-2	0	0	0	0	0.00	cps
Selenium	78-2	0	0	0	0	0.00	cps
Selenium	82-1	-48	44	-2	-2	-2593.44	cps
Silicon	28-1	2835050	2803784	2817083	2818639	0.56	cps
Silver	109-1	558	550	625	578	7.12	cps
Silver	107-1	708	742	667	706	5.33	cps
Sodium	23-2	119355	119675	119188	119406	0.21	cps
Strontium	86-1	35029	35405	36015	35483	1.40	cps
Strontium	88-1	302582	300613	300475	301223	0.39	cps
Sulfur	34-1	393251	389292	392127	391557	0.52	cps
Terbium	159-1	17198165	17094291	17104412	17132289	0.33	cps
Terbium	159-2	3191896	3085280	3181238	3152805	1.86	cps
Thallium	203-1	158	125	183	156	18.81	cps
Thallium	205-1	192	300	225	239	23.23	cps
Tin	118-1	925	1083	1125	1045	10.10	cps
Titanium	47-1	267	367	367	333	17.32	cps
Uranium	238-1	5535	5001	5426	5321	5.30	cps
Vanadium	51-2	30	43	43	39	19.79	cps
Yttrium	89-1	12957973	13108220	13077303	13047832	0.61	cps
Yttrium	89-2	341267	337942	341487	340232	0.58	cps
Zinc	66-2	223	223	273	240	12.03	cps

LB Number :	LB96823	Operator :	Jaswal
Lab Sample ID :	J3972-11LX5	Instrumnet Name :	P8
Client Sample ID :	MA4Z41L	Dilution Factor :	5
Date & Time Acquired ::	2018-07-23 16:00:56	DataFile Name :	032SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	90-1	1242	1367	1233	1281	5.83	cps
Zirconium	91-1	250	308	333	297	14.39	cps

LB Number :	LB96823	Operator :	Jaswal
Lab Sample ID :	J3972-13	Instrumnet Name :	P8
Client Sample ID :	MA4Z41S	Dilution Factor :	1
Date & Time Acquired ::	2018-07-23 16:04:15	DataFile Name :	033SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	10231	9900	10210	10114	1.83	cps
Antimony	121-1	1023935	1008056	1013024	1015005	0.80	cps
Arsenic	75-2	3508	3578	3360	3482	3.20	cps
Barium	135-1	4311461	4242979	4274107	4276182	0.80	cps
Barium	137-1	7422312	7412224	7332156	7388898	0.67	cps
Beryllium	9-1	68529	68792	67441	68254	1.05	cps
Bismuth	209-1	12143931	12221674	11944697	12103434	1.18	cps
Bismuth	209-2	3006672	2970461	2924035	2967056	1.40	cps
Boron	10-1	1550	1959	1792	1767	11.62	cps
Boron	11-1	8753	8778	8653	8728	0.76	cps
Cadmium	111-1	107263	105874	107100	106746	0.71	cps
Cadmium	106-1	12765	12340	12048	12384	2.91	cps
Cadmium	108-1	6877	6769	7190	6945	3.15	cps
Calcium	43-1	596837	587217	587558	590538	0.92	cps
Calcium	44-1	9805183	9701962	9649838	9718995	0.81	cps
Chromium	52-2	150094	148710	149299	149368	0.47	cps
Cobalt	59-2	842982	839779	833638	838799	0.57	cps
Copper	63-2	372668	370065	367346	370027	0.72	cps
Dysprosium	156-1	58	83	58	67	21.65	cps
Dysprosium	156-2	10	7	7	8	24.71	cps
Erbium	164-1	92	108	100	100	8.33	cps
Erbium	164-2	10	20	13	14	35.26	cps
Gadolinium	160-1	125	92	200	139	39.95	cps
Gadolinium	160-2	20	10	17	16	32.73	cps
Holmium	165-1	18601724	18557670	18425782	18528392	0.49	cps
Holmium	165-2	3565928	3531651	3458520	3518700	1.56	cps
Indium	115-1	14025910	13841640	13787810	13885120	0.90	cps
Indium	115-2	486375	486154	472575	481701	1.64	cps
Iron	56-2	1317275	1302848	1298500	1306208	0.75	cps
Iron	57-2	33068	31508	32244	32273	2.42	cps
Krypton	83-1	347	333	360	347	3.85	cps
Lead	206-1	136481	135667	135572	135906	0.37	cps
Lead	207-1	123417	124094	123641	123718	0.28	cps
Lead	208-1	555576	557145	552797	555172	0.40	cps
Lithium	6-1	2762389	2779029	2693876	2745098	1.64	cps
Magnesium	24-2	126827	124608	122827	124754	1.61	cps

LB Number :	LB96823	Operator :	Jaswal
Lab Sample ID :	J3972-13	Instrumnet Name :	P8
Client Sample ID :	MA4Z41S	Dilution Factor :	1
Date & Time Acquired ::	2018-07-23 16:04:15	DataFile Name :	033SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	112441	111296	110711	111483	0.79	cps
Molybdenum	94-1	4576	4593	4493	4554	1.18	cps
Molybdenum	95-1	6619	6694	6510	6607	1.40	cps
Molybdenum	96-1	7586	7886	7319	7597	3.73	cps
Molybdenum	97-1	4051	4376	4601	4343	6.37	cps
Molybdenum	98-1	10922	10863	10488	10758	2.19	cps
Neodymium	150-1	193	213	200	202	5.04	cps
Neodymium	150-2	23	0	7	10	120.16	cps
Nickel	60-2	251595	248695	246666	248986	0.99	cps
Phosphorus	31-2	17	8	17	14	34.67	cps
Potassium	39-2	32146	32957	32656	32586	1.26	cps
Rhodium	103-1	12926056	12790620	12704053	12806910	0.87	cps
Rhodium	103-2	3155551	3156036	3084032	3131873	1.32	cps
Scandium	45-1	7821129	7696700	7548996	7688942	1.77	cps
Scandium	45-2	49888	49858	48661	49469	1.42	cps
Selenium	77-2	107	80	80	89	17.32	cps
Selenium	78-2	256	298	320	291	11.30	cps
Selenium	82-1	18313	18284	18444	18347	0.46	cps
Silicon	28-1	13954031	13794150	13745408	13831196	0.79	cps
Silver	109-1	488434	492247	496142	492275	0.78	cps
Silver	107-1	514790	511461	510655	512302	0.43	cps
Sodium	23-2	605788	597278	595300	599455	0.93	cps
Strontium	86-1	193867	194188	192034	193363	0.60	cps
Strontium	88-1	1717261	1682055	1700117	1699811	1.04	cps
Sulfur	34-1	417917	417258	409477	414884	1.13	cps
Terbium	159-1	19070196	18914678	18823417	18936097	0.66	cps
Terbium	159-2	3374823	3336880	3257930	3323211	1.79	cps
Thallium	203-1	428474	418431	428154	425019	1.34	cps
Thallium	205-1	1020463	1014427	1017677	1017522	0.30	cps
Tin	118-1	2225	2234	2184	2214	1.21	cps
Titanium	47-1	1117	1217	1200	1178	4.55	cps
Uranium	238-1	29386	29661	29001	29350	1.13	cps
Vanadium	51-2	274937	274354	273959	274417	0.18	cps
Yttrium	89-1	14273822	14336498	13979347	14196556	1.34	cps
Yttrium	89-2	355320	354545	344177	351347	1.77	cps
Zinc	66-2	63732	62942	63501	63392	0.64	cps

LB Number :	LB96823	Operator :	Jaswal
Lab Sample ID :	J3972-13	Instrumnet Name :	P8
Client Sample ID :	MA4Z41S	Dilution Factor :	1
Date & Time Acquired ::	2018-07-23 16:04:15	DataFile Name :	033SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	90-1	1892	1967	1792	1884	4.66	cps
Zirconium	91-1	567	433	475	492	13.87	cps

LB Number :	LB96823	Operator :	Jaswal
Lab Sample ID :	J3972-14	Instrumnet Name :	P8
Client Sample ID :	MA4Z42	Dilution Factor :	1
Date & Time Acquired ::	2018-07-23 16:07:34	DataFile Name :	034SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	910	977	1000	962	4.85	cps
Antimony	121-1	22687	23513	23622	23274	2.20	cps
Arsenic	75-2	469	498	493	486	3.24	cps
Barium	135-1	3534	3834	3701	3690	4.07	cps
Barium	137-1	6752	6652	6877	6760	1.67	cps
Beryllium	9-1	183	122	111	139	28.00	cps
Bismuth	209-1	12338176	12040361	12036436	12138325	1.43	cps
Bismuth	209-2	2970555	3128380	2983758	3027564	2.89	cps
Boron	10-1	2009	2150	1875	2011	6.84	cps
Boron	11-1	9612	9612	9654	9626	0.25	cps
Cadmium	111-1	2381	2242	2475	2366	4.95	cps
Cadmium	106-1	3359	3151	3492	3334	5.17	cps
Cadmium	108-1	17	25	4	15	68.61	cps
Calcium	43-1	629895	619820	615630	621781	1.18	cps
Calcium	44-1	10256779	10207434	10141872	10202028	0.57	cps
Chromium	52-2	1020	997	833	950	10.71	cps
Cobalt	59-2	570	560	547	559	2.09	cps
Copper	63-2	2387	2297	2407	2364	2.48	cps
Dysprosium	156-1	300	233	208	247	19.17	cps
Dysprosium	156-2	57	43	60	53	16.54	cps
Erbium	164-1	250	317	258	275	13.21	cps
Erbium	164-2	57	47	60	54	12.74	cps
Gadolinium	160-1	300	217	367	294	25.52	cps
Gadolinium	160-2	53	63	60	59	8.65	cps
Holmium	165-1	19019982	18324118	18622375	18655492	1.87	cps
Holmium	165-2	3515188	3702418	3517215	3578274	3.00	cps
Indium	115-1	14232297	13927991	13785106	13981798	1.63	cps
Indium	115-2	483120	507127	482822	491023	2.84	cps
Iron	56-2	2430229	2402889	2400783	2411300	0.68	cps
Iron	57-2	59683	60459	58568	59570	1.60	cps
Krypton	83-1	370	273	337	327	15.03	cps
Lead	206-1	1628	1583	1328	1513	10.70	cps
Lead	207-1	1172	995	1261	1143	11.88	cps
Lead	208-1	5562	5367	5295	5408	2.55	cps
Lithium	6-1	2763278	2734805	2726420	2741501	0.70	cps
Magnesium	24-2	183926	179688	176601	180072	2.04	cps

LB Number :	LB96823	Operator :	Jaswal
Lab Sample ID :	J3972-14	Instrumnet Name :	P8
Client Sample ID :	MA4Z42	Dilution Factor :	1
Date & Time Acquired ::	2018-07-23 16:07:34	DataFile Name :	034SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	10991	11085	11091	11056	0.51	cps
Molybdenum	94-1	3342	3267	3167	3259	2.69	cps
Molybdenum	95-1	5135	4876	5035	5015	2.60	cps
Molybdenum	96-1	5418	5443	5426	5429	0.23	cps
Molybdenum	97-1	3242	3101	2934	3092	4.99	cps
Molybdenum	98-1	8436	8194	8119	8250	2.01	cps
Neodymium	150-1	340	300	300	313	7.37	cps
Neodymium	150-2	23	17	43	28	49.95	cps
Nickel	60-2	1447	1627	1500	1525	6.07	cps
Phosphorus	31-2	108	58	92	86	29.56	cps
Potassium	39-2	36030	35655	36139	35941	0.71	cps
Rhodium	103-1	13048253	12694557	12701656	12814822	1.58	cps
Rhodium	103-2	3099086	3291648	3159733	3183489	3.09	cps
Scandium	45-1	7947662	7653094	7612500	7737752	2.36	cps
Scandium	45-2	48872	52658	49162	50231	4.20	cps
Selenium	77-2	0	3	3	2	86.60	cps
Selenium	78-2	2	6	2	3	69.39	cps
Selenium	82-1	-27	51	53	26	175.86	cps
Silicon	28-1	18075586	17943404	17759755	17926248	0.88	cps
Silver	109-1	892	883	792	856	6.49	cps
Silver	107-1	900	950	1025	958	6.57	cps
Sodium	23-2	1013189	1003787	997617	1004864	0.78	cps
Strontium	86-1	230794	230372	227990	229719	0.66	cps
Strontium	88-1	2058122	2053578	2028881	2046860	0.77	cps
Sulfur	34-1	424368	422937	419566	422290	0.58	cps
Terbium	159-1	19372040	18624690	18929922	18975551	1.98	cps
Terbium	159-2	3318149	3487373	3345880	3383801	2.68	cps
Thallium	203-1	292	375	267	311	18.23	cps
Thallium	205-1	725	625	550	633	13.86	cps
Tin	118-1	1909	1975	2000	1961	2.42	cps
Titanium	47-1	6060	5701	5118	5626	8.45	cps
Uranium	238-1	200936	200656	202863	201485	0.60	cps
Vanadium	51-2	1373	1450	1507	1443	4.64	cps
Yttrium	89-1	14446161	14197012	14113584	14252252	1.21	cps
Yttrium	89-2	353252	368978	353509	358580	2.51	cps
Zinc	66-2	1127	1073	1083	1095	2.59	cps

LB Number :	LB96823	Operator :	Jaswal
Lab Sample ID :	J3972-14	Instrumnet Name :	P8
Client Sample ID :	MA4Z42	Dilution Factor :	1
Date & Time Acquired ::	2018-07-23 16:07:34	DataFile Name :	034SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	90-1	1567	1600	1617	1595	1.60	cps
Zirconium	91-1	367	375	250	331	21.14	cps

LB Number :	LB96823	Operator :	Jaswal
Lab Sample ID :	J3972-15	Instrumnet Name :	P8
Client Sample ID :	MA4Z43	Dilution Factor :	1
Date & Time Acquired ::	2018-07-23 16:10:53	DataFile Name :	035SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	783	800	813	799	1.88	cps
Antimony	121-1	20041	19248	18222	19170	4.76	cps
Arsenic	75-2	352	281	307	314	11.35	cps
Barium	135-1	4318	4159	3926	4134	4.77	cps
Barium	137-1	7277	6986	7027	7097	2.22	cps
Beryllium	9-1	94	106	94	98	6.54	cps
Bismuth	209-1	12156146	11982335	12065900	12068127	0.72	cps
Bismuth	209-2	3024960	3019032	2992298	3012096	0.58	cps
Boron	10-1	2034	2142	2084	2086	2.60	cps
Boron	11-1	9837	10346	10004	10062	2.58	cps
Cadmium	111-1	2279	2500	2159	2313	7.50	cps
Cadmium	106-1	3201	3559	3050	3270	7.99	cps
Cadmium	108-1	17	17	8	14	34.67	cps
Calcium	43-1	331025	331322	325112	329153	1.06	cps
Calcium	44-1	5484788	5361815	5460608	5435737	1.20	cps
Chromium	52-2	900	793	910	868	7.45	cps
Cobalt	59-2	700	790	770	753	6.27	cps
Copper	63-2	1877	1914	1663	1818	7.43	cps
Dysprosium	156-1	192	125	92	136	37.41	cps
Dysprosium	156-2	27	27	30	28	6.92	cps
Erbium	164-1	125	208	192	175	25.20	cps
Erbium	164-2	60	40	27	42	39.73	cps
Gadolinium	160-1	283	225	308	272	15.71	cps
Gadolinium	160-2	43	50	57	50	13.34	cps
Holmium	165-1	18549855	18507406	18499448	18518903	0.15	cps
Holmium	165-2	3536614	3579887	3543472	3553324	0.65	cps
Indium	115-1	13833436	13825813	13835212	13831487	0.04	cps
Indium	115-2	488992	485163	485241	486465	0.45	cps
Iron	56-2	1309329	1296887	1294704	1300307	0.61	cps
Iron	57-2	33318	32489	33340	33049	1.47	cps
Krypton	83-1	340	357	347	348	2.41	cps
Lead	206-1	1283	1483	1167	1311	12.22	cps
Lead	207-1	1206	1011	1033	1083	9.83	cps
Lead	208-1	5356	5251	4895	5167	4.68	cps
Lithium	6-1	2738280	2700596	2751829	2730235	0.97	cps
Magnesium	24-2	133774	131774	133876	133141	0.89	cps

LB Number :	LB96823	Operator :	Jaswal
Lab Sample ID :	J3972-15	Instrumnet Name :	P8
Client Sample ID :	MA4Z43	Dilution Factor :	1
Date & Time Acquired ::	2018-07-23 16:10:53	DataFile Name :	035SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	6949	6838	6712	6833	1.73	cps
Molybdenum	94-1	7869	7369	7311	7516	4.09	cps
Molybdenum	95-1	10980	11630	12223	11611	5.35	cps
Molybdenum	96-1	12339	12640	12623	12534	1.35	cps
Molybdenum	97-1	7194	7127	7194	7172	0.54	cps
Molybdenum	98-1	18864	18889	18747	18833	0.40	cps
Neodymium	150-1	187	207	220	204	8.21	cps
Neodymium	150-2	30	27	37	31	16.37	cps
Nickel	60-2	1663	1620	1717	1667	2.91	cps
Phosphorus	31-2	8	0	0	3	173.21	cps
Potassium	39-2	29173	28037	29482	28897	2.63	cps
Rhodium	103-1	12814047	12829072	12696272	12779797	0.57	cps
Rhodium	103-2	3174050	3159470	3157521	3163680	0.29	cps
Scandium	45-1	7709624	7634827	7650181	7664878	0.52	cps
Scandium	45-2	49748	49360	48500	49203	1.30	cps
Selenium	77-2	7	3	0	3	100.05	cps
Selenium	78-2	4	2	0	2	100.00	cps
Selenium	82-1	-1	4	15	6	131.11	cps
Silicon	28-1	18163381	17901178	18034425	18032995	0.73	cps
Silver	109-1	675	692	650	672	3.12	cps
Silver	107-1	708	833	850	797	9.71	cps
Sodium	23-2	1251580	1224546	1233724	1236617	1.11	cps
Strontium	86-1	145131	143556	144329	144339	0.55	cps
Strontium	88-1	1243515	1238550	1243381	1241816	0.23	cps
Sulfur	34-1	420269	414507	412431	415735	0.98	cps
Terbium	159-1	18933730	18854563	18864198	18884164	0.23	cps
Terbium	159-2	3342040	3338637	3302538	3327738	0.66	cps
Thallium	203-1	267	167	200	211	24.12	cps
Thallium	205-1	433	425	433	431	1.12	cps
Tin	118-1	1800	1684	1767	1750	3.43	cps
Titanium	47-1	2459	2167	2417	2348	6.72	cps
Uranium	238-1	37357	36856	36062	36758	1.78	cps
Vanadium	51-2	203	187	207	199	5.39	cps
Yttrium	89-1	14127758	14197921	14036276	14120651	0.57	cps
Yttrium	89-2	355694	356591	352231	354839	0.65	cps
Zinc	66-2	1200	1197	1247	1215	2.30	cps

LB Number :	LB96823	Operator :	Jaswal
Lab Sample ID :	J3972-15	Instrumnet Name :	P8
Client Sample ID :	MA4Z43	Dilution Factor :	1
Date & Time Acquired ::	2018-07-23 16:10:53	DataFile Name :	035SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	90-1	1667	1717	1717	1700	1.70	cps
Zirconium	91-1	433	417	425	425	1.96	cps

LB Number : LB96823 Operator : Jaswal
 Lab Sample ID : CCV51 Instrumnet Name : P8
 Client Sample ID : CCV51 Dilution Factor : 1
 Date & Time Acquired :: 2018-07-23 16:14:12 DataFile Name : 036SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	258508	258214	258857	258527	0.12	cps
Antimony	121-1	4127365	4158839	4229531	4171912	1.25	cps
Arsenic	75-2	39945	39443	39969	39785	0.75	cps
Barium	135-1	4612512	4592337	4591200	4598683	0.26	cps
Barium	137-1	7972681	7970119	7926800	7956533	0.32	cps
Beryllium	9-1	610564	607875	612711	610384	0.40	cps
Bismuth	209-1	10558442	10430269	10231869	10406860	1.58	cps
Bismuth	209-2	2700477	2716632	2742452	2719854	0.78	cps
Boron	10-1	67041	69000	71998	69346	3.60	cps
Boron	11-1	313065	326703	330881	323550	2.88	cps
Cadmium	111-1	883934	884607	892082	886874	0.51	cps
Cadmium	106-1	97300	97410	97737	97482	0.23	cps
Cadmium	108-1	63968	64294	63465	63909	0.65	cps
Calcium	43-1	4608586	4620215	4612924	4613908	0.13	cps
Calcium	44-1	75502358	75912945	76404393	75939899	0.59	cps
Chromium	52-2	353517	352870	353065	353151	0.09	cps
Cobalt	59-2	750660	748696	749121	749492	0.14	cps
Copper	63-2	1265194	1270696	1267100	1267663	0.22	cps
Dysprosium	156-1	58	117	92	89	32.92	cps
Dysprosium	156-2	20	3	10	11	75.52	cps
Erbium	164-1	67	33	75	58	37.80	cps
Erbium	164-2	20	13	13	16	24.76	cps
Gadolinium	160-1	192	125	150	156	21.65	cps
Gadolinium	160-2	20	33	30	28	24.98	cps
Holmium	165-1	16959459	16885006	16721464	16855310	0.72	cps
Holmium	165-2	3385346	3379330	3405974	3390217	0.41	cps
Indium	115-1	12459693	12409142	12165568	12344801	1.27	cps
Indium	115-2	457701	460524	461906	460044	0.47	cps
Iron	56-2	56846004	56921586	56589089	56785560	0.31	cps
Iron	57-2	1447943	1452684	1446520	1449049	0.22	cps
Krypton	83-1	393	343	350	362	7.50	cps
Lead	206-1	2895852	2874918	2927895	2899555	0.92	cps
Lead	207-1	2681931	2700854	2694183	2692323	0.36	cps
Lead	208-1	11907238	11911989	11947254	11922160	0.18	cps
Lithium	6-1	2473562	2508493	2443002	2475019	1.32	cps
Magnesium	24-2	6361178	6375537	6288537	6341751	0.74	cps

LB Number :	LB96823	Operator :	Jaswal
Lab Sample ID :	CCV51	Instrumnet Name :	P8
Client Sample ID :	CCV51	Dilution Factor :	1
Date & Time Acquired ::	2018-07-23 16:14:12	DataFile Name :	036SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	185928	187132	186946	186669	0.35	cps
Molybdenum	94-1	7221754	7222984	7287319	7244019	0.52	cps
Molybdenum	95-1	8784898	8948423	8862601	8865307	0.92	cps
Molybdenum	96-1	9915947	9887256	9892414	9898539	0.15	cps
Molybdenum	97-1	5619201	5659693	5653427	5644107	0.39	cps
Molybdenum	98-1	14216902	14536660	14366135	14373232	1.11	cps
Neodymium	150-1	220	200	207	209	4.87	cps
Neodymium	150-2	0	10	13	8	89.21	cps
Nickel	60-2	222169	221952	221280	221800	0.21	cps
Phosphorus	31-2	3109	3109	3092	3103	0.31	cps
Potassium	39-2	1603132	1580757	1585036	1589642	0.75	cps
Rhodium	103-1	11264920	11366419	11177754	11269698	0.84	cps
Rhodium	103-2	2879218	2905407	2867176	2883934	0.68	cps
Scandium	45-1	7448002	7290836	7174721	7304519	1.88	cps
Scandium	45-2	51284	49721	49507	50171	1.93	cps
Selenium	77-2	217	210	267	231	13.40	cps
Selenium	78-2	922	880	870	891	3.10	cps
Selenium	82-1	54478	55126	55129	54911	0.68	cps
Silicon	28-1	2155778	2169426	2201156	2175453	1.07	cps
Silver	109-1	4221684	4257975	4230892	4236850	0.45	cps
Silver	107-1	4407171	4389228	4410387	4402262	0.26	cps
Sodium	23-2	14313306	14276352	14276071	14288576	0.15	cps
Strontium	86-1	1132696	1123789	1132041	1129509	0.44	cps
Strontium	88-1	9743122	9636866	9775261	9718417	0.75	cps
Sulfur	34-1	668262	669702	671003	669656	0.20	cps
Terbium	159-1	17456746	17248493	16867536	17190925	1.74	cps
Terbium	159-2	3228344	3217522	3193151	3213005	0.56	cps
Thallium	203-1	3607820	3583874	3592357	3594684	0.34	cps
Thallium	205-1	8496216	8475423	8446963	8472867	0.29	cps
Tin	118-1	2989331	2981118	3013006	2994485	0.55	cps
Titanium	47-1	2356339	2390904	2369862	2372368	0.73	cps
Uranium	238-1	11783143	11655419	11746057	11728206	0.56	cps
Vanadium	51-2	256851	255145	255356	255784	0.36	cps
Yttrium	89-1	13183564	13202576	12942313	13109485	1.11	cps
Yttrium	89-2	345736	344521	351492	347250	1.07	cps
Zinc	66-2	108463	107946	108765	108391	0.38	cps

LB Number :	LB96823	Operator :	Jaswal
Lab Sample ID :	CCV51	Instrumnet Name :	P8
Client Sample ID :	CCV51	Dilution Factor :	1
Date & Time Acquired ::	2018-07-23 16:14:12	DataFile Name :	036SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	90-1	6113383	6118051	6111513	6114316	0.06	cps
Zirconium	91-1	1346953	1352637	1362192	1353927	0.57	cps

LB Number :	LB96823	Operator :	Jaswal
Lab Sample ID :	CCB51	Instrumnet Name :	P8
Client Sample ID :	CCB51	Dilution Factor :	1
Date & Time Acquired ::	2018-07-23 16:17:29	DataFile Name :	037SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	3	20	7	10	88.20	cps
Antimony	121-1	11022	9896	9220	10046	9.06	cps
Arsenic	75-2	7	9	13	10	28.61	cps
Barium	135-1	150	117	75	114	33.00	cps
Barium	137-1	250	217	108	192	38.64	cps
Beryllium	9-1	339	300	206	281	24.36	cps
Bismuth	209-1	11051948	11040973	10882467	10991796	0.86	cps
Bismuth	209-2	2863866	2870110	2890624	2874867	0.49	cps
Boron	10-1	2359	2400	2109	2289	6.89	cps
Boron	11-1	11155	10588	9312	10351	9.12	cps
Cadmium	111-1	2360	2154	2273	2262	4.58	cps
Cadmium	106-1	3226	2967	3201	3131	4.55	cps
Cadmium	108-1	8	21	25	18	48.05	cps
Calcium	43-1	725	675	783	728	7.45	cps
Calcium	44-1	20699	19356	18747	19601	5.10	cps
Chromium	52-2	337	293	340	323	8.05	cps
Cobalt	59-2	53	60	50	54	9.35	cps
Copper	63-2	1003	1057	1070	1043	3.38	cps
Dysprosium	156-1	17	8	58	28	96.44	cps
Dysprosium	156-2	3	0	0	1	173.21	cps
Erbium	164-1	50	117	50	72	53.30	cps
Erbium	164-2	7	7	3	6	34.70	cps
Gadolinium	160-1	100	125	83	103	20.40	cps
Gadolinium	160-2	3	17	7	9	78.08	cps
Holmium	165-1	16968497	16774348	16780046	16840964	0.66	cps
Holmium	165-2	3366390	3402097	3389545	3386011	0.53	cps
Indium	115-1	12889548	12798632	12879970	12856050	0.39	cps
Indium	115-2	479218	481029	476537	478928	0.47	cps
Iron	56-2	2611	2606	2411	2543	4.48	cps
Iron	57-2	56	83	50	63	28.37	cps
Krypton	83-1	333	227	357	306	22.68	cps
Lead	206-1	656	572	622	617	6.80	cps
Lead	207-1	522	500	378	467	16.67	cps
Lead	208-1	2550	2261	2195	2335	8.09	cps
Lithium	6-1	2570183	2554894	2531469	2552182	0.76	cps
Magnesium	24-2	358	367	392	372	4.66	cps

LB Number :	LB96823	Operator :	Jaswal
Lab Sample ID :	CCB51	Instrumnet Name :	P8
Client Sample ID :	CCB51	Dilution Factor :	1
Date & Time Acquired ::	2018-07-23 16:17:29	DataFile Name :	037SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	40	50	50	47	12.37	cps
Molybdenum	94-1	3842	3767	3409	3673	6.31	cps
Molybdenum	95-1	4718	4226	4117	4354	7.35	cps
Molybdenum	96-1	5718	4618	4393	4909	14.45	cps
Molybdenum	97-1	3284	2875	2284	2814	17.87	cps
Molybdenum	98-1	7969	7194	6527	7230	9.99	cps
Neodymium	150-1	20	13	13	16	24.76	cps
Neodymium	150-2	3	0	0	1	173.21	cps
Nickel	60-2	697	813	813	774	8.70	cps
Phosphorus	31-2	8	0	0	3	173.21	cps
Potassium	39-2	2159	1809	1917	1961	9.14	cps
Rhodium	103-1	12031619	12036424	12028819	12032288	0.03	cps
Rhodium	103-2	3104479	3072907	3059739	3079042	0.75	cps
Scandium	45-1	7291984	7288589	7224560	7268378	0.52	cps
Scandium	45-2	49129	50297	49577	49668	1.19	cps
Selenium	77-2	0	0	0	0	0.00	cps
Selenium	78-2	2	2	2	2	0.00	cps
Selenium	82-1	-7	81	-22	17	325.80	cps
Silicon	28-1	309656	303269	305349	306091	1.06	cps
Silver	109-1	783	633	592	669	15.06	cps
Silver	107-1	842	708	750	767	8.90	cps
Sodium	23-2	6202	5535	5901	5879	5.68	cps
Strontium	86-1	600	525	575	567	6.74	cps
Strontium	88-1	525	433	383	447	16.06	cps
Sulfur	34-1	379967	385849	381118	382311	0.82	cps
Terbium	159-1	17343768	17262702	17076761	17227743	0.79	cps
Terbium	159-2	3221253	3246421	3191209	3219627	0.86	cps
Thallium	203-1	817	858	742	806	7.34	cps
Thallium	205-1	2275	1959	1792	2009	12.23	cps
Tin	118-1	4134	3884	3609	3876	6.78	cps
Titanium	47-1	250	150	250	217	26.65	cps
Uranium	238-1	683	517	375	525	29.40	cps
Vanadium	51-2	30	7	13	17	72.11	cps
Yttrium	89-1	13286766	13164670	13193720	13215052	0.48	cps
Yttrium	89-2	348380	350208	346542	348377	0.53	cps
Zinc	66-2	97	93	93	94	2.04	cps

LB Number :	LB96823	Operator :	Jaswal
Lab Sample ID :	CCB51	Instrumnet Name :	P8
Client Sample ID :	CCB51	Dilution Factor :	1
Date & Time Acquired ::	2018-07-23 16:17:29	DataFile Name :	037SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	90-1	3551	3409	3242	3401	4.54	cps
Zirconium	91-1	708	800	767	758	6.12	cps

LB Number :	LB96823	Operator :	Jaswal
Lab Sample ID :	PB111276BL	Instrumnet Name :	P8
Client Sample ID :	PB111276BL	Dilution Factor :	1
Date & Time Acquired ::	2018-07-23 16:21:36	DataFile Name :	038CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	23	23	3	17	69.30	cps
Antimony	121-1	2584	2325	2309	2406	6.41	cps
Arsenic	75-2	2	2	2	2	0.00	cps
Barium	135-1	83	83	50	72	26.65	cps
Barium	137-1	83	133	150	122	28.39	cps
Beryllium	9-1	178	217	117	170	29.59	cps
Bismuth	209-1	12023099	11580325	11362764	11655396	2.89	cps
Bismuth	209-2	3022242	3021281	3007621	3017048	0.27	cps
Boron	10-1	1075	1067	833	992	13.83	cps
Boron	11-1	4626	4459	4401	4495	2.60	cps
Cadmium	111-1	2285	2130	1984	2133	7.06	cps
Cadmium	106-1	3159	3042	2800	3000	6.09	cps
Cadmium	108-1	8	29	8	15	78.76	cps
Calcium	43-1	642	617	667	642	3.90	cps
Calcium	44-1	18421	17954	17620	17998	2.24	cps
Chromium	52-2	350	313	310	324	6.84	cps
Cobalt	59-2	47	37	37	40	14.43	cps
Copper	63-2	770	860	760	797	6.91	cps
Dysprosium	156-1	8	8	8	8	0.00	cps
Dysprosium	156-2	3	3	0	2	86.60	cps
Erbium	164-1	67	67	67	67	0.00	cps
Erbium	164-2	13	0	10	8	89.21	cps
Gadolinium	160-1	142	117	117	125	11.54	cps
Gadolinium	160-2	3	3	10	6	69.34	cps
Holmium	165-1	18215545	17659821	17499455	17791607	2.11	cps
Holmium	165-2	3558251	3529103	3515864	3534406	0.61	cps
Indium	115-1	14082421	13515202	13399258	13665627	2.68	cps
Indium	115-2	503700	500310	498717	500909	0.51	cps
Iron	56-2	1667	1495	1617	1593	5.56	cps
Iron	57-2	39	33	33	35	9.12	cps
Krypton	83-1	333	353	367	351	4.78	cps
Lead	206-1	572	717	644	644	11.21	cps
Lead	207-1	444	522	417	461	11.87	cps
Lead	208-1	2222	2495	2172	2296	7.55	cps
Lithium	6-1	2731393	2671764	2642817	2681992	1.68	cps
Magnesium	24-2	417	325	300	347	17.69	cps

LB Number :	LB96823	Operator :	Jaswal
Lab Sample ID :	PB111276BL	Instrumnet Name :	P8
Client Sample ID :	PB111276BL	Dilution Factor :	1
Date & Time Acquired ::	2018-07-23 16:21:36	DataFile Name :	038CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	50	50	43	48	8.06	cps
Molybdenum	94-1	1308	1150	1233	1231	6.44	cps
Molybdenum	95-1	1275	1233	942	1150	15.79	cps
Molybdenum	96-1	1358	1217	1217	1264	6.47	cps
Molybdenum	97-1	808	658	650	706	12.63	cps
Molybdenum	98-1	1725	1500	1692	1639	7.41	cps
Neodymium	150-1	7	7	0	4	86.60	cps
Neodymium	150-2	0	0	0	0	0.00	cps
Nickel	60-2	717	663	697	692	3.89	cps
Phosphorus	31-2	0	0	0	0	0.00	cps
Potassium	39-2	2192	2025	1867	2028	8.02	cps
Rhodium	103-1	12992316	12519470	12328232	12613339	2.71	cps
Rhodium	103-2	3191221	3182625	3186565	3186804	0.14	cps
Scandium	45-1	7924869	7624974	7567262	7705702	2.49	cps
Scandium	45-2	52461	52294	52180	52311	0.27	cps
Selenium	77-2	0	0	0	0	0.00	cps
Selenium	78-2	6	4	0	3	91.69	cps
Selenium	82-1	-42	-18	-74	-45	-63.69	cps
Silicon	28-1	287814	283631	285264	285570	0.74	cps
Silver	109-1	375	350	492	406	18.65	cps
Silver	107-1	425	525	508	486	11.02	cps
Sodium	23-2	4801	4901	5226	4976	4.47	cps
Strontium	86-1	592	667	483	581	15.88	cps
Strontium	88-1	258	283	367	303	18.73	cps
Sulfur	34-1	391046	388595	388340	389327	0.38	cps
Terbium	159-1	18762051	18093404	17942170	18265875	2.39	cps
Terbium	159-2	3331415	3337884	3291017	3320105	0.76	cps
Thallium	203-1	358	375	375	369	2.60	cps
Thallium	205-1	908	817	992	906	9.67	cps
Tin	118-1	1550	1442	1350	1447	6.92	cps
Titanium	47-1	233	175	200	203	14.43	cps
Uranium	238-1	108	100	42	83	43.59	cps
Vanadium	51-2	0	13	3	6	124.93	cps
Yttrium	89-1	14224538	13777547	13568514	13856866	2.42	cps
Yttrium	89-2	365154	365069	361950	364057	0.50	cps
Zinc	66-2	190	157	120	156	22.51	cps

LB Number :	LB96823	Operator :	Jaswal
Lab Sample ID :	PB111276BL	Instrumnet Name :	P8
Client Sample ID :	PB111276BL	Dilution Factor :	1
Date & Time Acquired ::	2018-07-23 16:21:36	DataFile Name :	038CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	90-1	1584	1450	1575	1536	4.86	cps
Zirconium	91-1	358	225	292	292	22.86	cps

LB Number :	LB96823	Operator :	Jaswal
Lab Sample ID :	PB111276BS	Instrumnet Name :	P8
Client Sample ID :	PB111276BS	Dilution Factor :	1
Date & Time Acquired ::	2018-07-23 16:24:57	DataFile Name :	039LCS6.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	50897	50546	50921	50788	0.41	cps
Antimony	121-1	4347322	4378902	4389400	4371875	0.50	cps
Arsenic	75-2	41224	40541	40979	40915	0.85	cps
Barium	135-1	4665217	4677796	4705471	4682828	0.44	cps
Barium	137-1	8084045	8167165	8207645	8152951	0.77	cps
Beryllium	9-1	615988	614115	616951	615685	0.23	cps
Bismuth	209-1	10485632	9939935	10355144	10260237	2.78	cps
Bismuth	209-2	2805490	2776777	2785528	2789265	0.53	cps
Boron	10-1	67125	69536	70976	69212	2.81	cps
Boron	11-1	308629	316712	327254	317532	2.94	cps
Cadmium	111-1	918632	926850	933996	926493	0.83	cps
Cadmium	106-1	99432	100851	99441	99908	0.82	cps
Cadmium	108-1	66149	66702	66647	66499	0.46	cps
Calcium	43-1	946464	941092	949637	945731	0.46	cps
Calcium	44-1	15596030	15623804	15674229	15631354	0.25	cps
Chromium	52-2	351125	354021	351675	352273	0.44	cps
Cobalt	59-2	774250	774802	773580	774210	0.08	cps
Copper	63-2	1342099	1336992	1338775	1339289	0.19	cps
Dysprosium	156-1	108	50	108	89	37.89	cps
Dysprosium	156-2	10	17	7	11	45.82	cps
Erbium	164-1	67	83	133	94	36.73	cps
Erbium	164-2	7	20	13	13	49.99	cps
Gadolinium	160-1	192	167	167	175	8.25	cps
Gadolinium	160-2	17	33	20	23	37.78	cps
Holmium	165-1	16432594	15579758	16302267	16104873	2.85	cps
Holmium	165-2	3356774	3369980	3383717	3370157	0.40	cps
Indium	115-1	12342272	11605731	12206335	12051446	3.25	cps
Indium	115-2	464447	468064	468382	466964	0.47	cps
Iron	56-2	11783336	11766734	11792976	11781015	0.11	cps
Iron	57-2	298166	299122	296271	297853	0.49	cps
Krypton	83-1	330	390	377	366	8.62	cps
Lead	206-1	2968364	2967114	2991459	2975645	0.46	cps
Lead	207-1	2724698	2755932	2724013	2734881	0.67	cps
Lead	208-1	12134533	12180358	12145137	12153342	0.20	cps
Lithium	6-1	2482337	2328307	2454202	2421615	3.39	cps
Magnesium	24-2	1361495	1325771	1337079	1341448	1.36	cps

LB Number :	LB96823	Operator :	Jaswal
Lab Sample ID :	PB111276BS	Instrumnet Name :	P8
Client Sample ID :	PB111276BS	Dilution Factor :	1
Date & Time Acquired ::	2018-07-23 16:24:57	DataFile Name :	039LCS6.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	190132	190448	189928	190169	0.14	cps
Molybdenum	94-1	7255481	7223585	7371828	7283631	1.07	cps
Molybdenum	95-1	8949658	8886799	8946638	8927699	0.40	cps
Molybdenum	96-1	9998201	9994166	10082572	10024979	0.50	cps
Molybdenum	97-1	5644621	5623352	5692080	5653351	0.62	cps
Molybdenum	98-1	14362078	14351294	14413102	14375492	0.23	cps
Neodymium	150-1	260	273	280	271	3.76	cps
Neodymium	150-2	23	3	10	12	83.33	cps
Nickel	60-2	227453	227976	226959	227463	0.22	cps
Phosphorus	31-2	3584	3259	3876	3573	8.64	cps
Potassium	39-2	319529	317903	318834	318755	0.26	cps
Rhodium	103-1	11373074	10582586	11121052	11025571	3.66	cps
Rhodium	103-2	3001229	2950358	2948599	2966729	1.01	cps
Scandium	45-1	7141400	6792357	6971318	6968358	2.50	cps
Scandium	45-2	49457	48711	50276	49481	1.58	cps
Selenium	77-2	267	327	333	309	11.89	cps
Selenium	78-2	826	887	876	863	3.77	cps
Selenium	82-1	56257	55919	56394	56190	0.43	cps
Silicon	28-1	2039071	2075688	2059529	2058096	0.89	cps
Silver	109-1	4409826	4427052	4425113	4420663	0.21	cps
Silver	107-1	4598564	4626175	4614982	4613240	0.30	cps
Sodium	23-2	2969770	2970605	2948314	2962896	0.43	cps
Strontium	86-1	1129140	1138161	1134204	1133835	0.40	cps
Strontium	88-1	9888735	9884812	9837619	9870389	0.29	cps
Sulfur	34-1	674723	669842	671849	672138	0.36	cps
Terbium	159-1	16898845	15912657	16669199	16493567	3.13	cps
Terbium	159-2	3160041	3186267	3195147	3180485	0.57	cps
Thallium	203-1	3695705	3721851	3721221	3712926	0.40	cps
Thallium	205-1	8689691	8752565	8694109	8712122	0.40	cps
Tin	118-1	3034280	3082756	3096041	3071026	1.06	cps
Titanium	47-1	2402310	2431273	2437178	2423587	0.77	cps
Uranium	238-1	11602403	11649882	11822294	11691526	0.99	cps
Vanadium	51-2	260537	260217	258000	259585	0.53	cps
Yttrium	89-1	12798155	11988512	12489869	12425512	3.29	cps
Yttrium	89-2	345278	342795	345623	344565	0.45	cps
Zinc	66-2	116299	115311	115509	115706	0.45	cps

LB Number :	LB96823	Operator :	Jaswal
Lab Sample ID :	PB111276BS	Instrumnet Name :	P8
Client Sample ID :	PB111276BS	Dilution Factor :	1
Date & Time Acquired ::	2018-07-23 16:24:57	DataFile Name :	039LCS6.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	90-1	6168141	6194691	6120645	6161159	0.61	cps
Zirconium	91-1	1350280	1354681	1360108	1355023	0.36	cps

LB Number : LB96823 Operator : Jaswal
 Lab Sample ID : J4052-01 Instrumnet Name : P8
 Client Sample ID : S1.1ST-1ST-SINK-WOM Dilution Factor : 1
 Date & Time Acquired :: 2018-07-23 16:28:09 DataFile Name : 040SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	93	87	90	90	3.71	cps
Antimony	121-1	10088	9454	9120	9554	5.14	cps
Arsenic	75-2	35	24	33	31	19.30	cps
Barium	135-1	31079	31989	32140	31736	1.81	cps
Barium	137-1	54187	55191	55233	54870	1.08	cps
Beryllium	9-1	350	400	361	370	7.09	cps
Bismuth	209-1	11727461	11851396	11475839	11684899	1.64	cps
Bismuth	209-2	2957387	3012483	3047136	3005669	1.51	cps
Boron	10-1	3692	3676	3501	3623	2.93	cps
Boron	11-1	16293	15526	14825	15548	4.72	cps
Cadmium	111-1	2108	2363	2232	2235	5.72	cps
Cadmium	106-1	2842	3134	3117	3031	5.41	cps
Cadmium	108-1	33	38	29	33	12.50	cps
Calcium	43-1	113776	111405	113011	112731	1.07	cps
Calcium	44-1	1937855	1923185	1888178	1916406	1.33	cps
Chromium	52-2	503	363	460	442	16.21	cps
Cobalt	59-2	100	110	123	111	10.54	cps
Copper	63-2	117256	115048	114775	115693	1.18	cps
Dysprosium	156-1	92	50	108	83	36.06	cps
Dysprosium	156-2	13	17	20	17	20.01	cps
Erbium	164-1	133	117	117	122	7.87	cps
Erbium	164-2	23	13	13	17	34.65	cps
Gadolinium	160-1	158	125	117	133	16.54	cps
Gadolinium	160-2	23	40	17	27	45.07	cps
Holmium	165-1	18400022	18212336	17728630	18113663	1.91	cps
Holmium	165-2	3445293	3567512	3546507	3519771	1.86	cps
Indium	115-1	13921731	13856436	13593471	13790546	1.26	cps
Indium	115-2	489832	504947	510972	501917	2.17	cps
Iron	56-2	15731	16440	15364	15845	3.45	cps
Iron	57-2	439	439	450	443	1.45	cps
Krypton	83-1	283	330	293	302	8.13	cps
Lead	206-1	157580	154417	155036	155678	1.08	cps
Lead	207-1	128119	128764	126681	127855	0.83	cps
Lead	208-1	601489	600014	594698	598734	0.60	cps
Lithium	6-1	2698305	2734203	2713320	2715276	0.66	cps
Magnesium	24-2	29807	29139	29766	29571	1.27	cps

LB Number :	LB96823	Operator :	Jaswal
Lab Sample ID :	J4052-01	Instrumnet Name :	P8
Client Sample ID :	S1.1ST-1ST-SINK-WOM	Dilution Factor :	1
Date & Time Acquired ::	2018-07-23 16:28:09	DataFile Name :	040SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	4131	3981	3941	4017	2.49	cps
Molybdenum	94-1	6885	5968	5710	6188	9.98	cps
Molybdenum	95-1	5185	4434	3867	4495	14.70	cps
Molybdenum	96-1	5960	6018	4709	5563	13.29	cps
Molybdenum	97-1	2900	2692	2634	2742	5.11	cps
Molybdenum	98-1	8386	6944	5993	7108	16.95	cps
Neodymium	150-1	60	60	67	62	6.19	cps
Neodymium	150-2	3	7	3	4	43.40	cps
Nickel	60-2	1307	1213	1173	1231	5.56	cps
Phosphorus	31-2	175	308	392	292	37.47	cps
Potassium	39-2	8736	8461	9012	8736	3.15	cps
Rhodium	103-1	12906545	12907516	12581876	12798646	1.47	cps
Rhodium	103-2	3087487	3228377	3257010	3190958	2.84	cps
Scandium	45-1	7880680	7899254	7748737	7842890	1.05	cps
Scandium	45-2	51029	52678	52233	51980	1.64	cps
Selenium	77-2	0	0	0	0	0.00	cps
Selenium	78-2	0	0	0	0	0.00	cps
Selenium	82-1	12	30	25	22	43.04	cps
Silicon	28-1	3539993	3530836	3517215	3529348	0.32	cps
Silver	109-1	550	583	642	592	7.84	cps
Silver	107-1	800	717	600	706	14.24	cps
Sodium	23-2	612804	599387	596229	602807	1.46	cps
Strontium	86-1	47626	48378	47592	47865	0.93	cps
Strontium	88-1	413786	412139	410386	412104	0.41	cps
Sulfur	34-1	413733	417806	416178	415906	0.49	cps
Terbium	159-1	18544639	18408497	18254511	18402549	0.79	cps
Terbium	159-2	3254919	3363368	3389605	3335964	2.14	cps
Thallium	203-1	1067	783	708	853	22.16	cps
Thallium	205-1	2092	2125	1659	1959	13.30	cps
Tin	118-1	3492	3676	3159	3442	7.61	cps
Titanium	47-1	950	800	750	833	12.49	cps
Uranium	238-1	1217	1192	908	1106	15.49	cps
Vanadium	51-2	43	63	17	41	56.94	cps
Yttrium	89-1	14361951	14278084	13919868	14186634	1.66	cps
Yttrium	89-2	356653	368499	373961	366371	2.41	cps
Zinc	66-2	2004	1847	1710	1853	7.92	cps

LB Number :	LB96823	Operator :	Jaswal
Lab Sample ID :	J4052-01	Instrumnet Name :	P8
Client Sample ID :	S1.1ST-1ST-SINK-WOM	Dilution Factor :	1
Date & Time Acquired ::	2018-07-23 16:28:09	DataFile Name :	040SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	90-1	10530	9279	8278	9362	12.05	cps
Zirconium	91-1	2067	2234	1767	2022	11.70	cps

LB Number : LB96823 Operator : Jaswal
 Lab Sample ID : J4052-02 Instrumnet Name : P8
 Client Sample ID : S1.2ND-1ST-SINK-WOM Dilution Factor : 1
 Date & Time Acquired :: 2018-07-23 16:31:28 DataFile Name : 041SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	70	97	120	96	26.18	cps
Antimony	121-1	3359	3392	3009	3253	6.53	cps
Arsenic	75-2	44	30	30	35	24.74	cps
Barium	135-1	30185	31430	29976	30530	2.57	cps
Barium	137-1	54931	52321	53718	53657	2.43	cps
Beryllium	9-1	194	261	222	226	14.82	cps
Bismuth	209-1	11740346	11739201	11559127	11679558	0.89	cps
Bismuth	209-2	3036897	2978416	3033758	3016357	1.09	cps
Boron	10-1	1717	2084	2075	1959	10.69	cps
Boron	11-1	9112	8861	8786	8920	1.91	cps
Cadmium	111-1	2277	2289	2067	2211	5.66	cps
Cadmium	106-1	3184	3226	2834	3081	6.98	cps
Cadmium	108-1	8	33	13	18	74.19	cps
Calcium	43-1	113414	112364	113389	113056	0.53	cps
Calcium	44-1	1905286	1892053	1893619	1896986	0.38	cps
Chromium	52-2	390	447	450	429	7.86	cps
Cobalt	59-2	87	67	57	70	21.82	cps
Copper	63-2	60173	59005	59704	59627	0.99	cps
Dysprosium	156-1	83	58	92	78	22.30	cps
Dysprosium	156-2	10	10	10	10	0.00	cps
Erbium	164-1	108	117	100	108	7.69	cps
Erbium	164-2	33	13	27	24	41.66	cps
Gadolinium	160-1	133	133	150	139	6.93	cps
Gadolinium	160-2	30	10	33	24	51.62	cps
Holmium	165-1	18151495	17866499	17935876	17984623	0.83	cps
Holmium	165-2	3600771	3518655	3541035	3553487	1.19	cps
Indium	115-1	13720240	13710568	13639560	13690123	0.32	cps
Indium	115-2	511920	501089	505858	506289	1.07	cps
Iron	56-2	12934	13591	13464	13330	2.61	cps
Iron	57-2	444	306	317	356	21.71	cps
Krypton	83-1	337	323	310	323	4.12	cps
Lead	206-1	336429	335262	329549	333747	1.10	cps
Lead	207-1	273882	273506	268601	271996	1.08	cps
Lead	208-1	1293966	1281960	1268234	1281386	1.00	cps
Lithium	6-1	2703969	2680782	2694408	2693053	0.43	cps
Magnesium	24-2	28312	30525	28914	29250	3.91	cps

LB Number : LB96823 Operator : Jaswal
 Lab Sample ID : J4052-02 Instrumnet Name : P8
 Client Sample ID : S1.2ND-1ST-SINK-WOM Dilution Factor : 1
 Date & Time Acquired :: 2018-07-23 16:31:28 DataFile Name : 041SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	3080	3037	3014	3044	1.11	cps
Molybdenum	94-1	2734	2567	2317	2539	8.26	cps
Molybdenum	95-1	1358	1342	1342	1347	0.71	cps
Molybdenum	96-1	1792	1784	1759	1778	0.98	cps
Molybdenum	97-1	1092	808	800	900	18.45	cps
Molybdenum	98-1	2309	2309	2092	2236	5.59	cps
Neodymium	150-1	33	53	73	53	37.51	cps
Neodymium	150-2	13	7	0	7	99.98	cps
Nickel	60-2	787	857	850	831	4.65	cps
Phosphorus	31-2	325	217	258	267	20.49	cps
Potassium	39-2	8953	8628	8553	8711	2.44	cps
Rhodium	103-1	12795694	12726716	12588397	12703602	0.83	cps
Rhodium	103-2	3250247	3202177	3225880	3226102	0.75	cps
Scandium	45-1	7913875	7803411	7799092	7838793	0.83	cps
Scandium	45-2	52367	52314	52227	52303	0.14	cps
Selenium	77-2	0	0	0	0	0.00	cps
Selenium	78-2	2	2	0	1	86.60	cps
Selenium	82-1	-1	-20	1	-6	-177.08	cps
Silicon	28-1	3606709	3476088	3601700	3561499	2.08	cps
Silver	109-1	367	350	383	367	4.55	cps
Silver	107-1	433	433	358	408	10.61	cps
Sodium	23-2	602558	599439	595087	599028	0.63	cps
Strontium	86-1	47751	46823	47851	47475	1.19	cps
Strontium	88-1	408588	408609	407195	408131	0.20	cps
Sulfur	34-1	420995	417976	423389	420787	0.64	cps
Terbium	159-1	18797071	18334865	18363929	18498622	1.40	cps
Terbium	159-2	3397525	3356768	3370175	3374823	0.62	cps
Thallium	203-1	483	342	433	419	17.13	cps
Thallium	205-1	1217	1167	1025	1136	8.75	cps
Tin	118-1	1867	1925	1800	1864	3.36	cps
Titanium	47-1	625	742	733	700	9.30	cps
Uranium	238-1	600	508	592	567	8.95	cps
Vanadium	51-2	60	33	43	46	29.58	cps
Yttrium	89-1	14247977	14147249	13991683	14128970	0.91	cps
Yttrium	89-2	374084	367820	368088	369997	0.96	cps
Zinc	66-2	950	883	920	918	3.64	cps

LB Number :	LB96823	Operator :	Jaswal
Lab Sample ID :	J4052-02	Instrumnet Name :	P8
Client Sample ID :	S1.2ND-1ST-SINK-WOM	Dilution Factor :	1
Date & Time Acquired ::	2018-07-23 16:31:28	DataFile Name :	041SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	90-1	4843	4818	4218	4626	7.65	cps
Zirconium	91-1	958	900	875	911	4.69	cps

LB Number : LB96823 Operator : Jaswal
 Lab Sample ID : J4052-03 Instrumnet Name : P8
 Client Sample ID : S2.1ST-2ND-SINK-WOM Dilution Factor : 1
 Date & Time Acquired :: 2018-07-23 16:34:48 DataFile Name : 042SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	100	67	70	79	23.27	cps
Antimony	121-1	2375	2092	1909	2125	11.06	cps
Arsenic	75-2	20	46	11	26	70.36	cps
Barium	135-1	29885	31087	30670	30547	2.00	cps
Barium	137-1	53216	54204	53350	53590	1.00	cps
Beryllium	9-1	178	144	189	170	13.58	cps
Bismuth	209-1	11717354	11639774	11406341	11587823	1.40	cps
Bismuth	209-2	3029329	2975487	3128157	3044324	2.54	cps
Boron	10-1	1425	1759	1567	1583	10.57	cps
Boron	11-1	6952	6944	7327	7074	3.10	cps
Cadmium	111-1	2175	2132	2375	2227	5.81	cps
Cadmium	106-1	3051	3009	3326	3128	5.50	cps
Cadmium	108-1	21	17	17	18	13.30	cps
Calcium	43-1	111020	111784	110986	111263	0.41	cps
Calcium	44-1	1883801	1859023	1844501	1862442	1.07	cps
Chromium	52-2	463	483	427	458	6.28	cps
Cobalt	59-2	90	87	113	97	15.03	cps
Copper	63-2	106017	103247	103529	104264	1.46	cps
Dysprosium	156-1	83	58	75	72	17.62	cps
Dysprosium	156-2	17	17	10	14	26.66	cps
Erbium	164-1	133	108	75	106	27.72	cps
Erbium	164-2	13	20	13	16	24.76	cps
Gadolinium	160-1	175	217	217	203	11.86	cps
Gadolinium	160-2	37	30	37	34	11.18	cps
Holmium	165-1	18135722	17761560	17590979	17829421	1.56	cps
Holmium	165-2	3567014	3556013	3647512	3590179	1.39	cps
Indium	115-1	13820998	13756288	13486704	13687997	1.30	cps
Indium	115-2	511031	503217	512565	508938	0.99	cps
Iron	56-2	15859	15754	15893	15835	0.46	cps
Iron	57-2	428	422	394	415	4.31	cps
Krypton	83-1	250	373	360	328	20.65	cps
Lead	206-1	711710	711637	713510	712285	0.15	cps
Lead	207-1	578304	582141	581772	580739	0.36	cps
Lead	208-1	2735565	2740778	2734482	2736942	0.12	cps
Lithium	6-1	2730337	2720091	2700884	2717104	0.55	cps
Magnesium	24-2	30208	28580	29607	29465	2.79	cps

LB Number :	LB96823	Operator :	Jaswal
Lab Sample ID :	J4052-03	Instrumnet Name :	P8
Client Sample ID :	S2.1ST-2ND-SINK-WOM	Dilution Factor :	1
Date & Time Acquired ::	2018-07-23 16:34:48	DataFile Name :	042SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	3931	4421	3907	4086	7.10	cps
Molybdenum	94-1	1759	1625	1575	1653	5.73	cps
Molybdenum	95-1	792	892	708	797	11.51	cps
Molybdenum	96-1	1233	1158	1242	1211	3.79	cps
Molybdenum	97-1	617	483	558	553	12.09	cps
Molybdenum	98-1	1392	1483	1433	1436	3.20	cps
Neodymium	150-1	67	40	33	47	37.80	cps
Neodymium	150-2	7	3	3	4	43.40	cps
Nickel	60-2	1097	947	957	1000	8.39	cps
Phosphorus	31-2	225	325	317	289	19.21	cps
Potassium	39-2	8336	8620	8286	8414	2.14	cps
Rhodium	103-1	12730653	12672504	12544354	12649170	0.75	cps
Rhodium	103-2	3223573	3206981	3238385	3222980	0.49	cps
Scandium	45-1	7995380	7820962	7733441	7849928	1.70	cps
Scandium	45-2	52949	52360	54636	53315	2.22	cps
Selenium	77-2	0	0	0	0	0.00	cps
Selenium	78-2	0	0	6	2	173.21	cps
Selenium	82-1	69	-52	-11	2	3330.45	cps
Silicon	28-1	3553108	3580049	3493271	3542143	1.25	cps
Silver	109-1	367	217	275	286	26.43	cps
Silver	107-1	325	342	300	322	6.51	cps
Sodium	23-2	603915	601672	593838	599808	0.88	cps
Strontium	86-1	48746	47275	47383	47801	1.72	cps
Strontium	88-1	405838	405547	404682	405356	0.15	cps
Sulfur	34-1	422403	420705	418869	420659	0.42	cps
Terbium	159-1	18315876	18301150	17918273	18178433	1.24	cps
Terbium	159-2	3382492	3360357	3427885	3390245	1.02	cps
Thallium	203-1	400	375	425	400	6.25	cps
Thallium	205-1	917	892	658	822	17.33	cps
Tin	118-1	2167	2234	2400	2267	5.30	cps
Titanium	47-1	733	667	984	795	21.04	cps
Uranium	238-1	425	475	550	483	13.02	cps
Vanadium	51-2	37	33	33	34	5.60	cps
Yttrium	89-1	14101170	13860164	13755662	13905665	1.27	cps
Yttrium	89-2	371837	365046	376087	370990	1.50	cps
Zinc	66-2	1433	1497	1467	1466	2.16	cps

LB Number :	LB96823	Operator :	Jaswal
Lab Sample ID :	J4052-03	Instrumnet Name :	P8
Client Sample ID :	S2.1ST-2ND-SINK-WOM	Dilution Factor :	1
Date & Time Acquired ::	2018-07-23 16:34:48	DataFile Name :	042SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	90-1	4134	3459	3251	3615	12.78	cps
Zirconium	91-1	800	708	692	733	7.95	cps

LB Number :	LB96823	Operator :	Jaswal
Lab Sample ID :	J4052-04	Instrumnet Name :	P8
Client Sample ID :	S2.2ND-2ND-SINK-WOM	Dilution Factor :	1
Date & Time Acquired ::	2018-07-23 16:38:07	DataFile Name :	043SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	83	73	57	71	18.95	cps
Antimony	121-1	1475	1825	1834	1711	11.95	cps
Arsenic	75-2	39	41	30	36	16.34	cps
Barium	135-1	29735	30035	30971	30247	2.13	cps
Barium	137-1	54957	51485	52857	53100	3.29	cps
Beryllium	9-1	172	194	167	178	8.27	cps
Bismuth	209-1	11506230	11652440	11621343	11593338	0.66	cps
Bismuth	209-2	3011804	3071468	2963093	3015455	1.80	cps
Boron	10-1	1325	1375	1508	1403	6.76	cps
Boron	11-1	6285	6260	6510	6352	2.17	cps
Cadmium	111-1	2281	2109	2317	2236	4.96	cps
Cadmium	106-1	3226	3009	3267	3167	4.38	cps
Cadmium	108-1	21	25	4	17	66.13	cps
Calcium	43-1	114994	114497	111986	113826	1.42	cps
Calcium	44-1	1910726	1884719	1878939	1891461	0.90	cps
Chromium	52-2	453	420	447	440	4.01	cps
Cobalt	59-2	80	70	33	61	40.21	cps
Copper	63-2	62115	60464	60652	61077	1.48	cps
Dysprosium	156-1	33	67	58	53	32.88	cps
Dysprosium	156-2	10	13	20	14	35.26	cps
Erbium	164-1	75	150	142	122	33.64	cps
Erbium	164-2	10	20	23	18	39.03	cps
Gadolinium	160-1	92	133	150	125	24.04	cps
Gadolinium	160-2	17	20	23	20	16.65	cps
Holmium	165-1	17942414	17985333	17829432	17919060	0.45	cps
Holmium	165-2	3597425	3600782	3512584	3570264	1.40	cps
Indium	115-1	13654248	13661917	13756202	13690789	0.41	cps
Indium	115-2	506860	509865	501099	505942	0.88	cps
Iron	56-2	13151	13568	13646	13455	1.98	cps
Iron	57-2	356	350	339	348	2.44	cps
Krypton	83-1	317	370	327	338	8.39	cps
Lead	206-1	454229	455524	451152	453635	0.49	cps
Lead	207-1	370564	370595	369605	370255	0.15	cps
Lead	208-1	1751614	1744219	1739193	1745009	0.36	cps
Lithium	6-1	2700801	2687214	2682088	2690034	0.36	cps
Magnesium	24-2	29440	29565	29490	29498	0.21	cps

LB Number : LB96823 Operator : Jaswal
 Lab Sample ID : J4052-04 Instrumnet Name : P8
 Client Sample ID : S2.2ND-2ND-SINK-WOM Dilution Factor : 1
 Date & Time Acquired :: 2018-07-23 16:38:07 DataFile Name : 043SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	3137	3240	3200	3193	1.63	cps
Molybdenum	94-1	1675	1367	1333	1458	12.92	cps
Molybdenum	95-1	642	675	692	669	3.80	cps
Molybdenum	96-1	967	883	800	883	9.43	cps
Molybdenum	97-1	408	350	367	375	8.01	cps
Molybdenum	98-1	1050	950	1008	1003	5.01	cps
Neodymium	150-1	33	53	53	47	24.74	cps
Neodymium	150-2	3	0	10	4	114.60	cps
Nickel	60-2	753	627	727	702	9.51	cps
Phosphorus	31-2	250	158	183	197	24.03	cps
Potassium	39-2	8444	8545	8086	8358	2.89	cps
Rhodium	103-1	12722003	12603598	12552879	12626160	0.69	cps
Rhodium	103-2	3229936	3224827	3230136	3228300	0.09	cps
Scandium	45-1	7783730	7854691	7847950	7828790	0.50	cps
Scandium	45-2	53006	54733	52180	53306	2.44	cps
Selenium	77-2	0	0	0	0	0.00	cps
Selenium	78-2	2	0	2	1	86.60	cps
Selenium	82-1	3	-34	24	-2	-1230.66	cps
Silicon	28-1	3474035	3491080	3492329	3485815	0.29	cps
Silver	109-1	367	250	275	297	20.67	cps
Silver	107-1	308	267	300	292	7.56	cps
Sodium	23-2	603157	607171	598498	602942	0.72	cps
Strontium	86-1	48546	46831	48479	47952	2.03	cps
Strontium	88-1	407447	403074	403904	404808	0.57	cps
Sulfur	34-1	424739	421487	425016	423747	0.46	cps
Terbium	159-1	18450648	18234897	18197245	18294264	0.75	cps
Terbium	159-2	3407234	3402619	3369619	3393157	0.60	cps
Thallium	203-1	300	283	392	325	17.95	cps
Thallium	205-1	617	875	658	717	19.35	cps
Tin	118-1	3592	3292	3492	3459	4.42	cps
Titanium	47-1	692	575	517	594	14.99	cps
Uranium	238-1	417	475	408	433	8.38	cps
Vanadium	51-2	53	43	50	49	10.42	cps
Yttrium	89-1	14013725	14087398	13997118	14032747	0.34	cps
Yttrium	89-2	368718	374073	371612	371468	0.72	cps
Zinc	66-2	473	570	510	518	9.42	cps

LB Number :	LB96823	Operator :	Jaswal
Lab Sample ID :	J4052-04	Instrumnet Name :	P8
Client Sample ID :	S2.2ND-2ND-SINK-WOM	Dilution Factor :	1
Date & Time Acquired ::	2018-07-23 16:38:07	DataFile Name :	043SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	90-1	3326	2942	3209	3159	6.22	cps
Zirconium	91-1	808	733	575	706	16.88	cps

LB Number :	LB96823	Operator :	Jaswal
Lab Sample ID :	J4052-05	Instrumnet Name :	P8
Client Sample ID :	S3.1ST-3RD-SINK-WOM	Dilution Factor :	1
Date & Time Acquired ::	2018-07-23 16:41:26	DataFile Name :	044SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	100	77	93	90	13.35	cps
Antimony	121-1	1450	1158	1475	1361	12.94	cps
Arsenic	75-2	20	39	39	33	32.68	cps
Barium	135-1	30036	29801	30261	30032	0.76	cps
Barium	137-1	52848	52463	52313	52541	0.53	cps
Beryllium	9-1	167	167	106	146	24.12	cps
Bismuth	209-1	11653401	11726280	11427180	11602287	1.34	cps
Bismuth	209-2	3007223	3020695	2974597	3000838	0.79	cps
Boron	10-1	1433	1308	1225	1322	7.93	cps
Boron	11-1	6160	6210	5977	6115	2.01	cps
Cadmium	111-1	2107	2170	2175	2151	1.75	cps
Cadmium	106-1	2992	3050	3084	3042	1.53	cps
Cadmium	108-1	29	4	13	15	83.31	cps
Calcium	43-1	111155	110054	110214	110474	0.54	cps
Calcium	44-1	1871112	1854063	1864126	1863100	0.46	cps
Chromium	52-2	377	440	387	401	8.49	cps
Cobalt	59-2	120	87	140	116	23.31	cps
Copper	63-2	129298	128992	128564	128951	0.29	cps
Dysprosium	156-1	92	83	58	78	22.30	cps
Dysprosium	156-2	27	10	23	20	44.10	cps
Erbium	164-1	133	83	125	114	23.52	cps
Erbium	164-2	3	20	10	11	75.52	cps
Gadolinium	160-1	208	208	208	208	0.00	cps
Gadolinium	160-2	30	27	23	27	12.51	cps
Holmium	165-1	17896298	17747317	17533652	17725755	1.03	cps
Holmium	165-2	3529546	3578070	3530000	3545872	0.79	cps
Indium	115-1	13792180	13661626	13329399	13594402	1.76	cps
Indium	115-2	500405	507099	501207	502904	0.73	cps
Iron	56-2	16349	16766	16616	16577	1.27	cps
Iron	57-2	406	428	400	411	3.58	cps
Krypton	83-1	283	300	347	310	10.59	cps
Lead	206-1	767443	757677	758722	761281	0.70	cps
Lead	207-1	621164	617569	617683	618806	0.33	cps
Lead	208-1	2935581	2920211	2909067	2921620	0.46	cps
Lithium	6-1	2689825	2678254	2669614	2679231	0.38	cps
Magnesium	24-2	29005	29857	29732	29532	1.56	cps

LB Number :	LB96823	Operator :	Jaswal
Lab Sample ID :	J4052-05	Instrumnet Name :	P8
Client Sample ID :	S3.1ST-3RD-SINK-WOM	Dilution Factor :	1
Date & Time Acquired ::	2018-07-23 16:41:26	DataFile Name :	044SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	3914	3981	4061	3985	1.84	cps
Molybdenum	94-1	1283	1150	1217	1217	5.48	cps
Molybdenum	95-1	492	408	450	450	9.26	cps
Molybdenum	96-1	742	717	558	672	14.79	cps
Molybdenum	97-1	283	317	383	328	15.54	cps
Molybdenum	98-1	667	783	725	725	8.05	cps
Neodymium	150-1	87	87	40	71	37.89	cps
Neodymium	150-2	3	0	7	3	100.05	cps
Nickel	60-2	4054	4211	4084	4116	2.02	cps
Phosphorus	31-2	250	250	167	222	21.65	cps
Potassium	39-2	8319	8678	8361	8453	2.32	cps
Rhodium	103-1	12574271	12612578	12391031	12525960	0.95	cps
Rhodium	103-2	3212059	3193592	3175230	3193627	0.58	cps
Scandium	45-1	7824948	7840036	7709591	7791525	0.92	cps
Scandium	45-2	51691	52481	52100	52091	0.76	cps
Selenium	77-2	0	0	0	0	0.00	cps
Selenium	78-2	2	0	2	1	86.60	cps
Selenium	82-1	35	2	-60	-8	-643.23	cps
Silicon	28-1	3731482	3496116	3444590	3557396	4.30	cps
Silver	109-1	300	275	300	292	4.95	cps
Silver	107-1	375	283	375	344	15.36	cps
Sodium	23-2	595230	596216	593990	595145	0.19	cps
Strontium	86-1	47099	46639	45979	46572	1.21	cps
Strontium	88-1	399023	405515	397253	400597	1.09	cps
Sulfur	34-1	428767	427276	425827	427290	0.34	cps
Terbium	159-1	18332772	18156529	17914303	18134534	1.16	cps
Terbium	159-2	3373001	3368320	3364950	3368757	0.12	cps
Thallium	203-1	358	342	400	367	8.19	cps
Thallium	205-1	867	733	850	817	8.90	cps
Tin	118-1	1809	1734	1625	1722	5.35	cps
Titanium	47-1	442	600	633	558	18.34	cps
Uranium	238-1	408	317	483	403	20.72	cps
Vanadium	51-2	30	50	30	37	31.49	cps
Yttrium	89-1	14118716	14115441	13664502	13966220	1.87	cps
Yttrium	89-2	365744	367983	365008	366245	0.42	cps
Zinc	66-2	3784	3727	3761	3757	0.76	cps

LB Number :	LB96823	Operator :	Jaswal
Lab Sample ID :	J4052-05	Instrumnet Name :	P8
Client Sample ID :	S3.1ST-3RD-SINK-WOM	Dilution Factor :	1
Date & Time Acquired ::	2018-07-23 16:41:26	DataFile Name :	044SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	90-1	2709	2717	2534	2653	3.90	cps
Zirconium	91-1	517	550	517	528	3.65	cps

LB Number :	LB96823	Operator :	Jaswal
Lab Sample ID :	J4052-06	Instrumnet Name :	P8
Client Sample ID :	S3.2ND-3RD-SINK-WOM	Dilution Factor :	1
Date & Time Acquired ::	2018-07-23 16:44:46	DataFile Name :	045SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	100	117	83	100	16.66	cps
Antimony	121-1	1183	1175	1217	1192	1.85	cps
Arsenic	75-2	31	26	22	27	17.56	cps
Barium	135-1	30770	30344	28599	29904	3.85	cps
Barium	137-1	53844	52346	50957	52382	2.76	cps
Beryllium	9-1	122	167	161	150	16.14	cps
Bismuth	209-1	11474844	10640062	11550906	11221937	4.50	cps
Bismuth	209-2	2944887	3008043	2896715	2949882	1.89	cps
Boron	10-1	1400	1192	1250	1281	8.39	cps
Boron	11-1	5626	5643	6118	5796	4.82	cps
Cadmium	111-1	2129	2237	2017	2128	5.17	cps
Cadmium	106-1	2992	3167	2875	3012	4.88	cps
Cadmium	108-1	17	13	29	19	44.61	cps
Calcium	43-1	111693	110567	108559	110273	1.44	cps
Calcium	44-1	1861767	1849541	1835356	1848888	0.71	cps
Chromium	52-2	503	493	523	507	3.01	cps
Cobalt	59-2	63	113	80	86	29.76	cps
Copper	63-2	59838	58596	58633	59022	1.20	cps
Dysprosium	156-1	83	92	92	89	5.41	cps
Dysprosium	156-2	23	10	10	14	53.28	cps
Erbium	164-1	117	33	100	83	52.91	cps
Erbium	164-2	7	20	27	18	57.27	cps
Gadolinium	160-1	183	142	150	158	13.93	cps
Gadolinium	160-2	40	30	30	33	17.32	cps
Holmium	165-1	17736761	16406889	17477297	17206983	4.10	cps
Holmium	165-2	3562527	3496620	3452062	3503736	1.59	cps
Indium	115-1	13519799	12580146	13607056	13235667	4.30	cps
Indium	115-2	494901	503949	489681	496177	1.45	cps
Iron	56-2	12606	12873	12757	12745	1.05	cps
Iron	57-2	417	261	350	343	22.78	cps
Krypton	83-1	360	310	363	344	8.67	cps
Lead	206-1	284456	283252	280112	282606	0.79	cps
Lead	207-1	230390	230605	226458	229151	1.02	cps
Lead	208-1	1083690	1085355	1072943	1080662	0.62	cps
Lithium	6-1	2668059	2475540	2625326	2589641	3.90	cps
Magnesium	24-2	29791	29348	29565	29568	0.75	cps

LB Number :	LB96823	Operator :	Jaswal
Lab Sample ID :	J4052-06	Instrumnet Name :	P8
Client Sample ID :	S3.2ND-3RD-SINK-WOM	Dilution Factor :	1
Date & Time Acquired ::	2018-07-23 16:44:46	DataFile Name :	045SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	3227	2900	2947	3025	5.84	cps
Molybdenum	94-1	1133	1183	1042	1120	6.42	cps
Molybdenum	95-1	500	408	392	433	13.46	cps
Molybdenum	96-1	558	617	592	589	4.97	cps
Molybdenum	97-1	300	325	250	292	13.09	cps
Molybdenum	98-1	650	625	500	592	13.58	cps
Neodymium	150-1	40	27	73	47	51.51	cps
Neodymium	150-2	3	7	3	4	43.40	cps
Nickel	60-2	1200	1027	1053	1093	8.54	cps
Phosphorus	31-2	217	275	225	239	13.21	cps
Potassium	39-2	7911	8895	8812	8539	6.39	cps
Rhodium	103-1	12544003	11615279	12467346	12208876	4.22	cps
Rhodium	103-2	3147924	3220971	3110452	3159783	1.78	cps
Scandium	45-1	7730812	7263207	7777514	7590511	3.75	cps
Scandium	45-2	51441	52692	51156	51763	1.58	cps
Selenium	77-2	0	0	0	0	0.00	cps
Selenium	78-2	2	2	4	2	43.30	cps
Selenium	82-1	-13	13	-53	-18	-190.35	cps
Silicon	28-1	3465778	3527949	3415903	3469877	1.62	cps
Silver	109-1	208	192	133	178	22.15	cps
Silver	107-1	200	225	275	233	16.37	cps
Sodium	23-2	597540	588401	593387	593109	0.77	cps
Strontium	86-1	45284	45979	46798	46020	1.65	cps
Strontium	88-1	407097	400257	396863	401406	1.30	cps
Sulfur	34-1	425002	428047	428646	427232	0.46	cps
Terbium	159-1	18021466	16935980	18017010	17658152	3.54	cps
Terbium	159-2	3340753	3352938	3253708	3315800	1.63	cps
Thallium	203-1	350	250	275	292	17.84	cps
Thallium	205-1	608	600	583	597	2.13	cps
Tin	118-1	1042	942	983	989	5.08	cps
Titanium	47-1	600	667	525	597	11.87	cps
Uranium	238-1	358	308	267	311	14.75	cps
Vanadium	51-2	43	40	23	36	30.14	cps
Yttrium	89-1	13921853	12879745	13862803	13554800	4.32	cps
Yttrium	89-2	362017	367658	357555	362410	1.40	cps
Zinc	66-2	630	657	773	687	11.10	cps

LB Number :	LB96823	Operator :	Jaswal
Lab Sample ID :	J4052-06	Instrumnet Name :	P8
Client Sample ID :	S3.2ND-3RD-SINK-WOM	Dilution Factor :	1
Date & Time Acquired ::	2018-07-23 16:44:46	DataFile Name :	045SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	90-1	2817	2650	2392	2620	8.18	cps
Zirconium	91-1	508	542	525	525	3.18	cps

LB Number : LB96823 Operator : Jaswal
 Lab Sample ID : J4052-07 Instrumnet Name : P8
 Client Sample ID : MS.1ST-MAIN-SINK(1ST Dilution Factor : 1
 Date & Time Acquired :: 2018-07-23 16:48:05 DataFile Name : 046SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	37	70	47	51	33.46	cps
Antimony	121-1	2750	2875	2909	2845	2.94	cps
Arsenic	75-2	26	33	30	30	12.49	cps
Barium	135-1	30127	29768	29342	29746	1.32	cps
Barium	137-1	53560	53024	51635	52740	1.88	cps
Beryllium	9-1	128	122	161	137	15.35	cps
Bismuth	209-1	11510456	11507804	11365762	11461341	0.72	cps
Bismuth	209-2	2960878	2965424	3017837	2981380	1.06	cps
Boron	10-1	1075	1217	1250	1181	7.87	cps
Boron	11-1	5693	5626	5610	5643	0.78	cps
Cadmium	111-1	2441	2413	1999	2284	10.84	cps
Cadmium	106-1	3442	3392	2809	3214	10.96	cps
Cadmium	108-1	8	17	13	13	33.36	cps
Calcium	43-1	111617	113329	112161	112369	0.78	cps
Calcium	44-1	1870007	1865706	1847615	1861110	0.64	cps
Chromium	52-2	367	357	397	373	5.58	cps
Cobalt	59-2	147	83	100	110	29.85	cps
Copper	63-2	342982	342031	345634	343549	0.54	cps
Dysprosium	156-1	25	50	42	39	32.73	cps
Dysprosium	156-2	3	17	3	8	99.04	cps
Erbium	164-1	83	108	75	89	19.52	cps
Erbium	164-2	20	20	3	14	66.64	cps
Gadolinium	160-1	92	125	108	108	15.39	cps
Gadolinium	160-2	23	27	20	23	14.29	cps
Holmium	165-1	17824291	17796347	17669076	17763238	0.47	cps
Holmium	165-2	3516196	3497384	3551847	3521809	0.79	cps
Indium	115-1	13516767	13661987	13548073	13575609	0.56	cps
Indium	115-2	498147	499566	504222	500645	0.63	cps
Iron	56-2	9565	9676	9326	9522	1.88	cps
Iron	57-2	256	222	244	241	7.05	cps
Krypton	83-1	363	287	310	320	12.28	cps
Lead	206-1	195820	200571	196757	197716	1.27	cps
Lead	207-1	164176	162414	163095	163228	0.54	cps
Lead	208-1	762371	767356	763048	764258	0.35	cps
Lithium	6-1	2665460	2667745	2688782	2673996	0.48	cps
Magnesium	24-2	29740	29348	29916	29668	0.98	cps

LB Number :	LB96823	Operator :	Jaswal
Lab Sample ID :	J4052-07	Instrumnet Name :	P8
Client Sample ID :	MS.1ST-MAIN-SINK(1ST	Dilution Factor :	1
Date & Time Acquired ::	2018-07-23 16:48:05	DataFile Name :	046SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	1853	1900	1994	1916	3.72	cps
Molybdenum	94-1	1075	942	1075	1031	7.47	cps
Molybdenum	95-1	425	425	258	369	26.05	cps
Molybdenum	96-1	608	625	533	589	8.29	cps
Molybdenum	97-1	308	208	250	256	19.65	cps
Molybdenum	98-1	533	517	600	550	8.02	cps
Neodymium	150-1	27	20	40	29	35.25	cps
Neodymium	150-2	3	0	0	1	173.21	cps
Nickel	60-2	1563	1467	1550	1527	3.43	cps
Phosphorus	31-2	192	275	225	231	18.19	cps
Potassium	39-2	8044	8653	8353	8350	3.64	cps
Rhodium	103-1	12471273	12668898	12475117	12538429	0.90	cps
Rhodium	103-2	3212491	3142920	3233455	3196289	1.48	cps
Scandium	45-1	7765306	7738618	7691691	7731871	0.48	cps
Scandium	45-2	52424	51538	52889	52284	1.31	cps
Selenium	77-2	0	0	0	0	0.00	cps
Selenium	78-2	4	2	6	4	50.09	cps
Selenium	82-1	-29	29	10	3	857.61	cps
Silicon	28-1	3525499	3496901	3499214	3507205	0.45	cps
Silver	109-1	242	233	367	281	26.62	cps
Silver	107-1	325	308	392	342	12.91	cps
Sodium	23-2	603264	597673	601440	600793	0.47	cps
Strontium	86-1	48044	46246	47241	47177	1.91	cps
Strontium	88-1	410145	406965	405267	407459	0.61	cps
Sulfur	34-1	432667	431105	428798	430857	0.45	cps
Terbium	159-1	18089294	18108520	17853034	18016949	0.79	cps
Terbium	159-2	3403492	3320189	3326811	3350164	1.38	cps
Thallium	203-1	300	233	358	297	21.04	cps
Thallium	205-1	642	750	725	706	8.04	cps
Tin	118-1	650	617	633	633	2.63	cps
Titanium	47-1	350	400	475	408	15.41	cps
Uranium	238-1	167	208	108	161	31.18	cps
Vanadium	51-2	50	33	50	44	21.66	cps
Yttrium	89-1	13923348	13865256	13781575	13856726	0.51	cps
Yttrium	89-2	368404	361671	370624	366899	1.27	cps
Zinc	66-2	1303	1373	1560	1412	9.40	cps

LB Number :	LB96823	Operator :	Jaswal
Lab Sample ID :	J4052-07	Instrumnet Name :	P8
Client Sample ID :	MS.1ST-MAIN-SINK(1ST	Dilution Factor :	1
Date & Time Acquired ::	2018-07-23 16:48:05	DataFile Name :	046SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	90-1	1992	2284	2209	2161	7.01	cps
Zirconium	91-1	450	467	492	469	4.47	cps

LB Number : LB96823 Operator : Jaswal
 Lab Sample ID : J4052-08 Instrumnet Name : P8
 Client Sample ID : MS.2ND-MAIN-SINK(2NI Dilution Factor : 1
 Date & Time Acquired :: 2018-07-23 16:51:25 DataFile Name : 047SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	87	70	47	68	29.64	cps
Antimony	121-1	933	1058	767	920	15.92	cps
Arsenic	75-2	30	28	17	25	28.39	cps
Barium	135-1	29826	30127	30177	30043	0.63	cps
Barium	137-1	51711	52589	51209	51836	1.35	cps
Beryllium	9-1	144	144	128	139	6.93	cps
Bismuth	209-1	11558721	10884274	11138789	11193928	3.04	cps
Bismuth	209-2	2903533	2991127	2919548	2938069	1.59	cps
Boron	10-1	1150	1183	1258	1197	4.63	cps
Boron	11-1	5284	5134	5018	5146	2.60	cps
Cadmium	111-1	1942	2124	2114	2060	4.95	cps
Cadmium	106-1	2734	3009	2992	2912	5.30	cps
Cadmium	108-1	13	4	8	8	49.98	cps
Calcium	43-1	108408	111927	108166	109500	1.92	cps
Calcium	44-1	1841102	1858134	1835021	1844752	0.65	cps
Chromium	52-2	340	337	387	354	7.89	cps
Cobalt	59-2	50	73	80	68	23.24	cps
Copper	63-2	21530	21504	21387	21473	0.36	cps
Dysprosium	156-1	58	58	75	64	15.05	cps
Dysprosium	156-2	7	17	13	12	41.65	cps
Erbium	164-1	150	133	117	133	12.50	cps
Erbium	164-2	20	23	13	19	26.96	cps
Gadolinium	160-1	200	183	150	178	14.32	cps
Gadolinium	160-2	17	20	30	22	31.22	cps
Holmium	165-1	17568558	17014089	17309007	17297218	1.60	cps
Holmium	165-2	3442656	3501472	3461534	3468554	0.87	cps
Indium	115-1	13450494	13039255	13225913	13238554	1.56	cps
Indium	115-2	489433	495821	486892	490715	0.94	cps
Iron	56-2	13079	12695	13257	13010	2.21	cps
Iron	57-2	306	289	344	313	9.11	cps
Krypton	83-1	293	317	277	296	6.80	cps
Lead	206-1	5196	5229	5079	5168	1.52	cps
Lead	207-1	4279	4440	4245	4321	2.41	cps
Lead	208-1	19606	20485	19707	19933	2.41	cps
Lithium	6-1	2687476	2632577	2634337	2651463	1.18	cps
Magnesium	24-2	28705	27812	28814	28443	1.93	cps

LB Number : LB96823 Operator : Jaswal
 Lab Sample ID : J4052-08 Instrumnet Name : P8
 Client Sample ID : MS.2ND-MAIN-SINK(2NI Dilution Factor : 1
 Date & Time Acquired :: 2018-07-23 16:51:25 DataFile Name : 047SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	3180	2897	2894	2990	5.50	cps
Molybdenum	94-1	967	1730	933	1210	37.25	cps
Molybdenum	95-1	200	300	358	286	27.99	cps
Molybdenum	96-1	408	458	458	442	6.54	cps
Molybdenum	97-1	208	175	208	197	9.76	cps
Molybdenum	98-1	575	492	442	503	13.40	cps
Neodymium	150-1	40	53	67	53	25.00	cps
Neodymium	150-2	7	3	0	3	100.05	cps
Nickel	60-2	780	727	657	721	8.58	cps
Phosphorus	31-2	200	267	208	225	16.14	cps
Potassium	39-2	8019	7894	7803	7905	1.38	cps
Rhodium	103-1	12604445	12013752	12235351	12284516	2.43	cps
Rhodium	103-2	3153992	3159797	3086170	3133320	1.31	cps
Scandium	45-1	7807248	7447727	7522150	7592375	2.50	cps
Scandium	45-2	51206	52685	50956	51616	1.81	cps
Selenium	77-2	0	0	0	0	0.00	cps
Selenium	78-2	2	2	0	1	86.60	cps
Selenium	82-1	50	-3	37	28	98.96	cps
Silicon	28-1	3459404	3496997	3488788	3481730	0.57	cps
Silver	109-1	117	158	225	167	32.79	cps
Silver	107-1	258	158	275	231	27.37	cps
Sodium	23-2	584776	578075	579381	580744	0.61	cps
Strontium	86-1	46689	45435	46112	46079	1.36	cps
Strontium	88-1	397184	403054	387940	396059	1.92	cps
Sulfur	34-1	426293	427845	426028	426722	0.23	cps
Terbium	159-1	18002856	17628814	17686447	17772705	1.13	cps
Terbium	159-2	3263374	3315422	3263930	3280908	0.91	cps
Thallium	203-1	217	333	275	275	21.21	cps
Thallium	205-1	617	683	658	653	5.16	cps
Tin	118-1	475	592	575	547	11.53	cps
Titanium	47-1	708	658	500	622	17.48	cps
Uranium	238-1	342	308	350	333	6.61	cps
Vanadium	51-2	23	37	20	27	33.08	cps
Yttrium	89-1	13759034	13470072	13526884	13585330	1.13	cps
Yttrium	89-2	358032	363089	356052	359058	1.01	cps
Zinc	66-2	237	207	193	212	10.46	cps

LB Number :	LB96823	Operator :	Jaswal
Lab Sample ID :	J4052-08	Instrumnet Name :	P8
Client Sample ID :	MS.2ND-MAIN-SINK(2NI	Dilution Factor :	1
Date & Time Acquired ::	2018-07-23 16:51:25	DataFile Name :	047SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	90-1	2492	1909	2450	2284	14.25	cps
Zirconium	91-1	400	525	475	467	13.48	cps

LB Number :	LB96823	Operator :	Jaswal
Lab Sample ID :	CCV52	Instrumnet Name :	P8
Client Sample ID :	CCV52	Dilution Factor :	1
Date & Time Acquired ::	2018-07-23 17:01:24	DataFile Name :	050SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	269434	270541	269519	269831	0.23	cps
Antimony	121-1	4447093	4480328	4492156	4473193	0.52	cps
Arsenic	75-2	40604	41534	40509	40883	1.39	cps
Barium	135-1	4603046	4622519	4597128	4607564	0.29	cps
Barium	137-1	7968578	7892655	8068450	7976561	1.11	cps
Beryllium	9-1	619500	623816	622552	621956	0.36	cps
Bismuth	209-1	10062620	10196373	10154069	10137687	0.67	cps
Bismuth	209-2	2654554	2598439	2688380	2647124	1.72	cps
Boron	10-1	70357	72827	71913	71699	1.74	cps
Boron	11-1	322785	333214	337761	331253	2.32	cps
Cadmium	111-1	914819	917319	913454	915197	0.21	cps
Cadmium	106-1	98928	101883	98761	99857	1.76	cps
Cadmium	108-1	64960	66702	66295	65986	1.38	cps
Calcium	43-1	4650858	4678881	4681400	4670380	0.36	cps
Calcium	44-1	76850023	76814260	76746327	76803536	0.07	cps
Chromium	52-2	363093	365125	367105	365108	0.55	cps
Cobalt	59-2	764801	767331	766997	766376	0.18	cps
Copper	63-2	1269198	1288554	1294589	1284113	1.03	cps
Dysprosium	156-1	200	75	75	117	61.87	cps
Dysprosium	156-2	17	10	0	9	94.38	cps
Erbium	164-1	92	92	117	100	14.43	cps
Erbium	164-2	7	13	10	10	33.30	cps
Gadolinium	160-1	108	108	75	97	19.80	cps
Gadolinium	160-2	30	20	33	28	24.98	cps
Holmium	165-1	16385310	16640561	16501502	16509124	0.77	cps
Holmium	165-2	3328966	3299863	3371442	3333424	1.08	cps
Indium	115-1	12243918	12315837	12144023	12234593	0.71	cps
Indium	115-2	455945	447954	464854	456251	1.85	cps
Iron	56-2	58230586	58945318	59437210	58871038	1.03	cps
Iron	57-2	1491464	1503653	1525647	1506921	1.15	cps
Krypton	83-1	293	263	287	281	5.60	cps
Lead	206-1	2833539	2855713	2882855	2857369	0.86	cps
Lead	207-1	2676698	2655337	2602128	2644721	1.45	cps
Lead	208-1	11734379	11780270	11789736	11768128	0.25	cps
Lithium	6-1	2511265	2511386	2518311	2513654	0.16	cps
Magnesium	24-2	6655417	6665866	6652214	6657833	0.11	cps

LB Number :	LB96823	Operator :	Jaswal
Lab Sample ID :	CCV52	Instrumnet Name :	P8
Client Sample ID :	CCV52	Dilution Factor :	1
Date & Time Acquired ::	2018-07-23 17:01:24	DataFile Name :	050SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	191837	192003	192671	192170	0.23	cps
Molybdenum	94-1	7211367	7242711	7197918	7217332	0.32	cps
Molybdenum	95-1	8826529	8903909	8876318	8868919	0.44	cps
Molybdenum	96-1	9994697	9850878	9944077	9929884	0.73	cps
Molybdenum	97-1	5581151	5619537	5597290	5599326	0.34	cps
Molybdenum	98-1	14283262	14341746	14281867	14302292	0.24	cps
Neodymium	150-1	293	193	207	231	23.49	cps
Neodymium	150-2	7	7	3	6	34.70	cps
Nickel	60-2	226501	227053	226664	226739	0.12	cps
Phosphorus	31-2	3484	3426	3384	3431	1.46	cps
Potassium	39-2	1651061	1688142	1652737	1663980	1.26	cps
Rhodium	103-1	11066469	11049046	10903607	11006374	0.81	cps
Rhodium	103-2	2844569	2785291	2850490	2826783	1.28	cps
Scandium	45-1	7235587	7292358	7235812	7254586	0.45	cps
Scandium	45-2	49236	49313	51310	49953	2.35	cps
Selenium	77-2	257	227	270	251	8.84	cps
Selenium	78-2	913	907	909	910	0.31	cps
Selenium	82-1	54620	54804	54073	54499	0.70	cps
Silicon	28-1	2140575	2132796	2135286	2136219	0.19	cps
Silver	109-1	4318354	4342849	4370484	4343896	0.60	cps
Silver	107-1	4576462	4519735	4514193	4536797	0.76	cps
Sodium	23-2	14962431	15016776	15083080	15020762	0.40	cps
Strontium	86-1	1131599	1127494	1131675	1130256	0.21	cps
Strontium	88-1	9798948	9658840	9744546	9734111	0.73	cps
Sulfur	34-1	686534	686745	684434	685904	0.19	cps
Terbium	159-1	16846013	16930315	16745604	16840644	0.55	cps
Terbium	159-2	3121793	3108364	3187118	3139092	1.34	cps
Thallium	203-1	3513596	3580607	3569718	3554640	1.01	cps
Thallium	205-1	8309247	8358947	8371214	8346469	0.39	cps
Tin	118-1	3008224	2979305	2970856	2986129	0.66	cps
Titanium	47-1	2405192	2390458	2413138	2402929	0.48	cps
Uranium	238-1	11385147	11595058	11627834	11536013	1.14	cps
Vanadium	51-2	263085	266074	266083	265081	0.65	cps
Yttrium	89-1	12944826	12975391	12828115	12916111	0.60	cps
Yttrium	89-2	344025	339293	348338	343885	1.32	cps
Zinc	66-2	118221	118050	117754	118008	0.20	cps

LB Number :	LB96823	Operator :	Jaswal
Lab Sample ID :	CCV52	Instrumnet Name :	P8
Client Sample ID :	CCV52	Dilution Factor :	1
Date & Time Acquired ::	2018-07-23 17:01:24	DataFile Name :	050SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	90-1	6108745	6126837	6158247	6131276	0.41	cps
Zirconium	91-1	1349426	1348029	1345896	1347784	0.13	cps

LB Number :	LB96823	Operator :	Jaswal
Lab Sample ID :	CCB52	Instrumnet Name :	P8
Client Sample ID :	CCB52	Dilution Factor :	1
Date & Time Acquired ::	2018-07-23 17:04:34	DataFile Name :	051SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	7	10	20	12	56.76	cps
Antimony	121-1	11789	11230	9587	10869	10.53	cps
Arsenic	75-2	13	9	9	10	20.36	cps
Barium	135-1	192	183	67	147	47.47	cps
Barium	137-1	317	242	225	261	18.70	cps
Beryllium	9-1	417	372	300	363	16.22	cps
Bismuth	209-1	10834885	10817623	10719436	10790648	0.58	cps
Bismuth	209-2	2862308	2890764	2873637	2875570	0.50	cps
Boron	10-1	2825	2500	2200	2509	12.46	cps
Boron	11-1	12389	11830	11272	11830	4.72	cps
Cadmium	111-1	2295	2235	2081	2204	5.01	cps
Cadmium	106-1	3176	3134	2884	3064	5.15	cps
Cadmium	108-1	17	42	13	24	66.81	cps
Calcium	43-1	617	708	608	644	8.61	cps
Calcium	44-1	19289	19231	18747	19089	1.56	cps
Chromium	52-2	313	323	400	346	13.72	cps
Cobalt	59-2	83	40	80	68	35.58	cps
Copper	63-2	727	863	870	820	9.87	cps
Dysprosium	156-1	8	25	17	17	50.01	cps
Dysprosium	156-2	0	0	3	1	173.21	cps
Erbium	164-1	50	67	42	53	24.12	cps
Erbium	164-2	3	17	3	8	99.04	cps
Gadolinium	160-1	83	83	75	81	5.98	cps
Gadolinium	160-2	7	13	23	14	58.06	cps
Holmium	165-1	16503259	16550925	16463604	16505929	0.26	cps
Holmium	165-2	3379474	3418139	3397743	3398452	0.57	cps
Indium	115-1	12801796	12829447	12455105	12695449	1.64	cps
Indium	115-2	486423	488066	483157	485882	0.51	cps
Iron	56-2	2756	2667	2645	2689	2.19	cps
Iron	57-2	50	61	83	65	26.19	cps
Krypton	83-1	400	320	370	363	11.12	cps
Lead	206-1	589	644	456	563	17.24	cps
Lead	207-1	528	544	622	565	8.93	cps
Lead	208-1	2417	2411	2089	2306	8.14	cps
Lithium	6-1	2610228	2626446	2612084	2616253	0.34	cps
Magnesium	24-2	483	383	508	458	14.43	cps

LB Number :	LB96823	Operator :	Jaswal
Lab Sample ID :	CCB52	Instrumnet Name :	P8
Client Sample ID :	CCB52	Dilution Factor :	1
Date & Time Acquired ::	2018-07-23 17:04:34	DataFile Name :	051SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	77	63	93	78	19.33	cps
Molybdenum	94-1	3951	3309	3409	3556	9.71	cps
Molybdenum	95-1	4834	4201	4076	4370	9.31	cps
Molybdenum	96-1	5543	4768	4576	4962	10.32	cps
Molybdenum	97-1	3242	2900	2284	2809	17.30	cps
Molybdenum	98-1	7944	6919	5827	6897	15.36	cps
Neodymium	150-1	7	13	0	7	99.98	cps
Neodymium	150-2	0	0	0	0	0.00	cps
Nickel	60-2	727	723	683	711	3.39	cps
Phosphorus	31-2	0	0	8	3	173.21	cps
Potassium	39-2	2375	2150	2284	2270	4.99	cps
Rhodium	103-1	11888465	11968169	11820044	11892226	0.62	cps
Rhodium	103-2	3046865	3132175	3066629	3081890	1.45	cps
Scandium	45-1	7338295	7376792	7397264	7370784	0.41	cps
Scandium	45-2	51200	51317	50638	51051	0.71	cps
Selenium	77-2	0	0	0	0	0.00	cps
Selenium	78-2	0	4	2	2	100.00	cps
Selenium	82-1	-63	47	-56	-24	-253.64	cps
Silicon	28-1	313522	312175	308362	311353	0.86	cps
Silver	109-1	600	392	450	481	22.37	cps
Silver	107-1	742	625	508	625	18.67	cps
Sodium	23-2	6368	6377	6102	6282	2.49	cps
Strontium	86-1	500	525	442	489	8.75	cps
Strontium	88-1	350	450	333	378	16.70	cps
Sulfur	34-1	403912	399807	402176	401965	0.51	cps
Terbium	159-1	16964440	16797055	16825526	16862340	0.53	cps
Terbium	159-2	3175183	3264955	3200569	3213569	1.44	cps
Thallium	203-1	1250	992	875	1039	18.47	cps
Thallium	205-1	2459	2384	2267	2370	4.08	cps
Tin	118-1	4509	4059	3592	4054	11.31	cps
Titanium	47-1	400	233	225	286	34.50	cps
Uranium	238-1	725	467	433	542	29.47	cps
Vanadium	51-2	20	7	10	12	56.76	cps
Yttrium	89-1	13150125	13059571	12919861	13043186	0.89	cps
Yttrium	89-2	353046	357395	353482	354641	0.68	cps
Zinc	66-2	127	110	97	111	13.53	cps

LB Number :	LB96823	Operator :	Jaswal
Lab Sample ID :	CCB52	Instrumnet Name :	P8
Client Sample ID :	CCB52	Dilution Factor :	1
Date & Time Acquired ::	2018-07-23 17:04:34	DataFile Name :	051SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	90-1	3367	2867	3126	3120	8.02	cps
Zirconium	91-1	633	617	708	653	7.48	cps