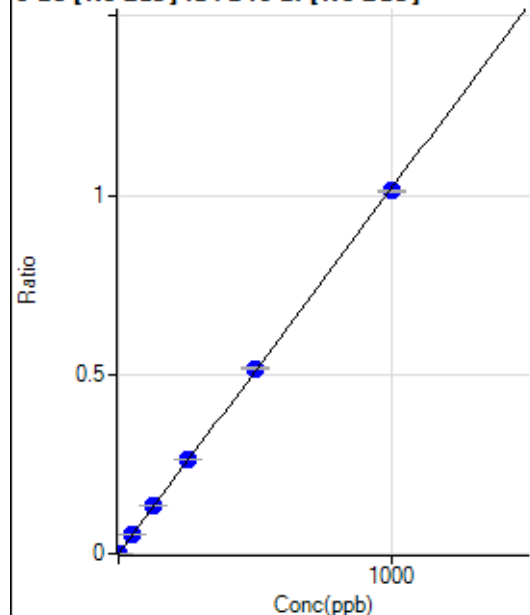


Calibration for 007CALS.d

Batch Folder: D:\ICP-MS Data\P7051319MS.b\
 Analysis File: P7051319MS.batch.bin
 DA Date-Time: 2019-05-14 11:37:48
 Calibration Title:
 Calibration Method: External Calibration
 VIS Interpolation Fit:

Level	Standard Data File	Sample Name	Acq. Date-Time
1	003CALB.d	S00	2019-05-13 12:39:41
2			
3	005CALS.d	S02	2019-05-13 12:47:29
4	006CALS.d	S03	2019-05-13 12:51:25
5	007CALS.d	S04	2019-05-13 12:55:22
6	008CALS.d	S05	2019-05-13 12:59:13
7	009CALS.d	S06	2019-05-13 13:03:03
8	010CALS.d	S07	2019-05-13 13:06:50
9	011CALS.d	S08	2019-05-13 13:10:36

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



	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	40.00	0.0000	P	15.1
2	☐	0.100					
3	☐	1.000	0.959	2167.97	0.0010	P	0.8
4	☐	50.000	53.411	118654.99	0.0544	P	1.0
5	☐	125.000	132.610	281396.68	0.1352	P	1.0
6	☐	250.000	259.581	512157.62	0.2645	P	0.7
7	☐	500.000	506.897	978628.10	0.5166	P	0.6
8	☐	1000.000	993.034	1857483.01	1.0119	P	0.3
9	☐			403.35	0.0002	P	11.8

$$y = 0.0010 * x + 1.8495E-005$$

$$R = 0.9999$$

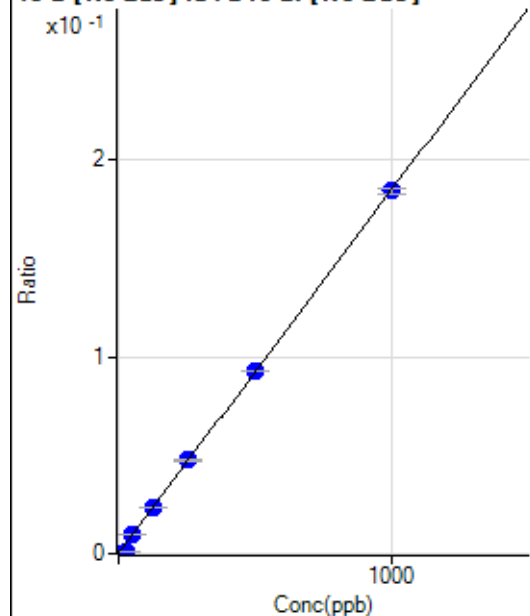
$$DL = 0.008214$$

$$BEC = 0.01815$$

Weight: <None>

Min Conc: 0

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



	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	341.69	0.0002	P	17.8
2	☐	2.500					
3	☐	25.000	5.095	2389.18	0.0011	P	6.8
4	☐	50.000	51.708	21126.50	0.0097	P	1.5
5	☐	125.000	127.194	49169.70	0.0236	P	2.1
6	☐	250.000	256.110	91750.37	0.0474	P	1.8
7	☐	500.000	502.063	175719.84	0.0928	P	0.6
8	☐	1000.000	997.579	337985.76	0.1841	P	1.4
9	☐			10726.41	0.0057	P	6.8

$$y = 1.8443E-004 * x + 1.5779E-004$$

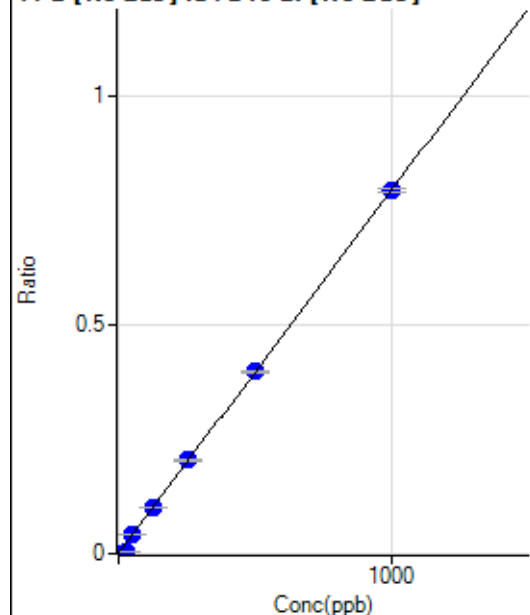
$$R = 0.9997$$

$$DL = 0.4574$$

$$BEC = 0.8556$$

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	1611.26	0.0007	P	1.8
2	☐	2.500					
3	☐	25.000	5.167	10554.04	0.0048	P	1.8
4	☐	50.000	50.871	89648.95	0.0411	P	1.0
5	☐	125.000	125.647	209252.27	0.1005	P	0.9
6	☐	250.000	256.336	395489.00	0.2043	P	1.4
7	☐	500.000	500.866	754838.13	0.3984	P	0.7
8	☐	1000.000	998.355	1456369.17	0.7934	P	1.2
9	☐			45948.91	0.0244	P	8.5

$$y = 7.9400\text{E-}004 * x + 7.4458\text{E-}004$$

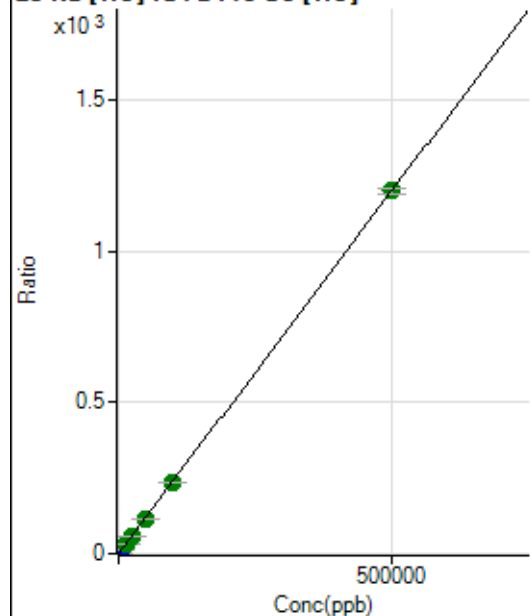
$$R = 0.9997$$

$$DL = 0.05118$$

$$BEC = 0.9378$$

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	2253.04	0.0142	P	10.5
2	☐	50.000					
3	☐	500.000	435.081	181070.51	1.0585	P	10.0
4	☐	5000.000	4947.021	1883155.47	11.8884	P	0.7
5	☐	12500.000	12502.688	4337311.42	30.0241	A	0.1
6	☐	25000.000	25028.893	8263725.27	60.0905	A	0.6
7	☐	50000.000	47679.224	16081307.13	114.4575	A	2.3
8	☐	100000.00	99139.889	32163938.57	237.9772	A	0.5
9	☐	500000.00	500403.18	181650312.3	1,201.119	A	1.5

$$y = 0.0024 * x + 0.0142$$

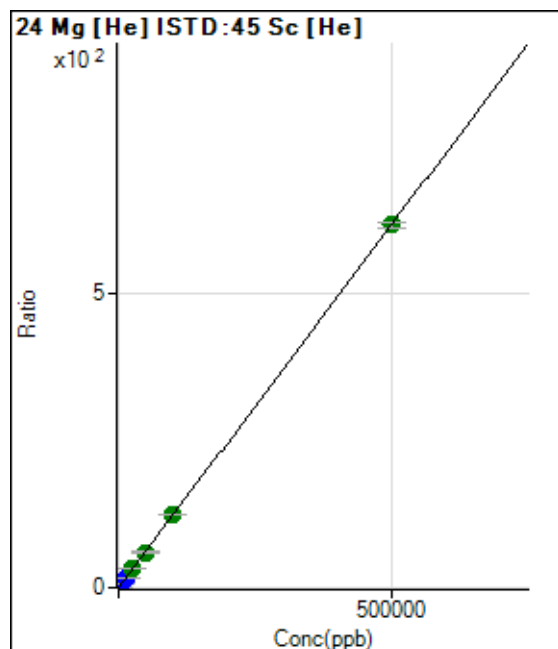
$$R = 1.0000$$

$$DL = 1.875$$

$$BEC = 5.928$$

Weight: <None>

Min Conc: 0



	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	130.56	0.0008	P	6.6
2	☐	50.000					
3	☐	500.000	442.866	93289.24	0.5457	P	11.0
4	☐	5000.000	5118.137	997604.49	6.2980	P	0.6
5	☐	12500.000	12895.166	2292112.38	15.8665	P	0.1
6	☐	25000.000	25774.913	4361212.47	31.7132	A	0.4
7	☐	50000.000	48641.240	8408319.80	59.8469	A	2.4
8	☐	100000.00	100902.54	16779046.55	124.1470	A	0.4
9	☐	500000.00	499905.61	93014580.55	615.0631	A	1.7

$$y = 0.0012 * x + 8.2486E-004$$

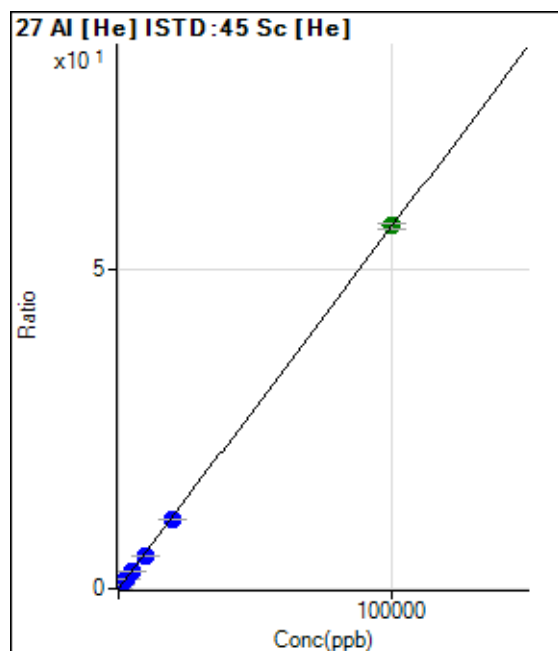
$$R = 1.0000$$

$$DL = 0.1326$$

$$BEC = 0.6704$$

Weight: <None>

Min Conc: 0



	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	61.11	0.0004	P	54.8
2	☐	2.000					
3	☐	20.000	16.572	1664.05	0.0098	P	15.7
4	☐	1000.000	973.409	87217.81	0.5506	P	0.4
5	☐	2500.000	2457.848	200760.23	1.3897	P	0.4
6	☐	5000.000	4898.044	380797.85	2.7690	P	0.6
7	☐	10000.000	9166.995	728067.54	5.1821	P	2.4
8	☐	20000.000	19078.009	1457554.79	10.7843	P	0.4
9	☐	100000.00	100274.11	8572244.38	56.6807	A	1.4

$$y = 5.6525E-004 * x + 3.8648E-004$$

$$R = 0.9999$$

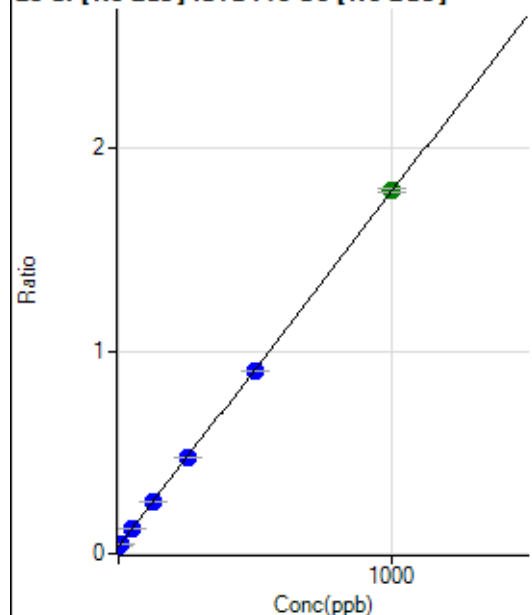
$$DL = 1.124$$

$$BEC = 0.6837$$

Weight: <None>

Min Conc: 0

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



	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	121319.71	0.0355	P	0.8
2	☐	1.000					
3	☐	10.000	5.156	150994.93	0.0445	P	1.0
4	☐	50.000	48.892	414619.98	0.1210	P	0.6
5	☐	125.000	125.771	833462.10	0.2554	P	0.8
6	☐	250.000	249.652	1426325.95	0.4720	P	1.0
7	☐	500.000	494.891	2667770.55	0.9008	P	1.0
8	☐	1000.000	1002.649	5147412.35	1.7886	A	1.1
9	☐			354760.39	0.1176	P	0.9

$$y = 0.0017 * x + 0.0355$$

$$R = 1.0000$$

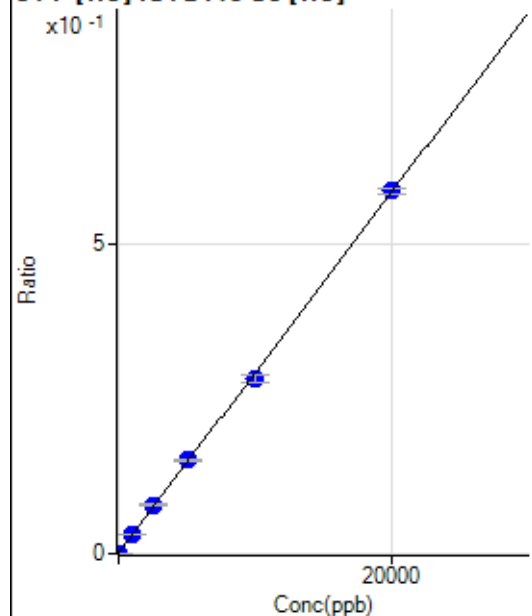
$$DL = 0.5147$$

$$BEC = 20.31$$

Weight: <None>

Min Conc: 0

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



	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	-0.655	183.34	0.0012	P	33.6
2	☐	0.000					
3	☐	0.000	0.655	208.35	0.0012	P	20.4
4	☐	1000.000	995.730	4767.60	0.0301	P	3.2
5	☐	2500.000	2670.437	11374.22	0.0787	P	3.9
6	☐	5000.000	5159.161	20765.13	0.1510	P	2.2
7	☐	10000.000	9686.864	39681.56	0.2825	P	3.9
8	☐	20000.000	20095.687	79031.61	0.5848	P	1.3
9	☐			252.79	0.0017	P	8.2

$$y = 2.9040E-005 * x + 0.0012$$

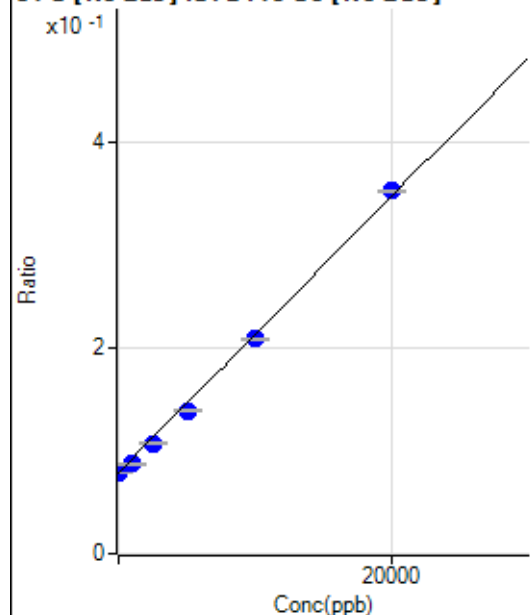
$$R = 0.9998$$

$$DL = 32.82$$

$$BEC = 40.69$$

Weight: <None>

Min Conc: 0

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

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	56.355	272212.46	0.0797	P	1.3
2	☐	0.000					
3	☐	0.000	-56.355	265093.01	0.0782	P	1.6
4	☐	1000.000	589.449	297569.47	0.0868	P	1.0
5	☐	2500.000	2100.024	349494.82	0.1071	P	1.5
6	☐	5000.000	4465.159	419448.66	0.1388	P	0.4
7	☐	10000.000	9672.513	617877.15	0.2086	P	0.9
8	☐	20000.000	20367.979	1013168.01	0.3520	P	0.6
9	☐			222872.09	0.0739	P	2.2

$$y = 1.3408\text{E-}005 * x + 0.0789$$

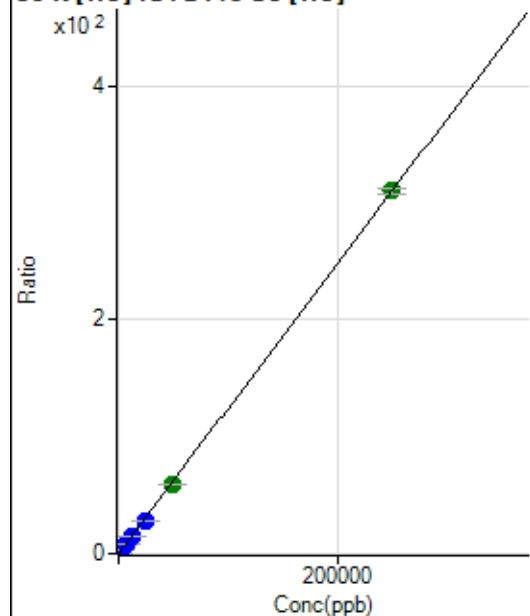
$$R = 0.9993$$

$$DL = 256.3$$

$$BEC = 5887$$

Weight: <None>

Min Conc: 0

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

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	11185.15	0.0707	P	0.3
2	☐	50.000					
3	☐	500.000	411.322	99023.78	0.5795	P	11.7
4	☐	2500.000	2399.367	481365.03	3.0389	P	0.5
5	☐	6250.000	6089.723	1098510.14	7.6042	P	0.4
6	☐	12500.000	12008.424	2052668.15	14.9261	P	0.4
7	☐	25000.000	22647.643	3946508.42	28.0877	P	1.9
8	☐	50000.000	47458.781	7944607.47	58.7811	A	0.3
9	☐	250000.00	250773.24	46928471.19	310.2976	A	1.4

$$y = 0.0012 * x + 0.0707$$

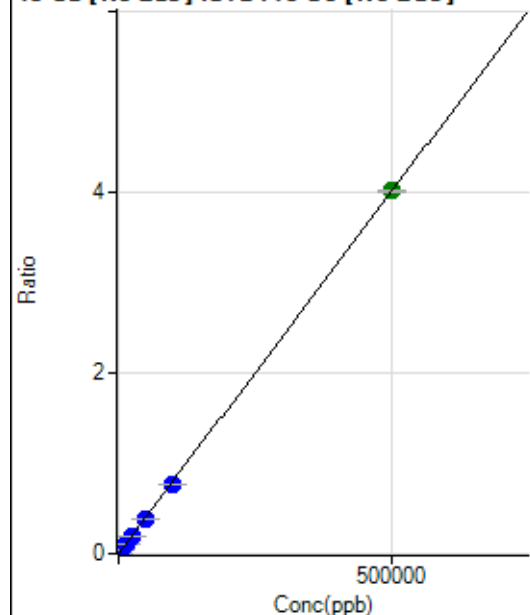
$$R = 0.9999$$

$$DL = 0.4564$$

$$BEC = 57.14$$

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	161.12	0.0000	P	24.4
2	☐	50.000					
3	☐	500.000	447.393	12330.60	0.0036	P	3.4
4	☐	5000.000	4856.171	133671.23	0.0390	P	1.0
5	☐	12500.000	12272.249	321470.52	0.0985	P	0.3
6	☐	25000.000	24485.967	593784.12	0.1965	P	1.1
7	☐	50000.000	48215.343	1145802.39	0.3869	P	0.2
8	☐	100000.00	96502.478	2228443.34	0.7743	P	0.3
9	☐	500000.00	500910.85	12120274.32	4.0189	A	0.5

$$y = 8.0232\text{E-}006 * x + 4.7087\text{E-}005$$

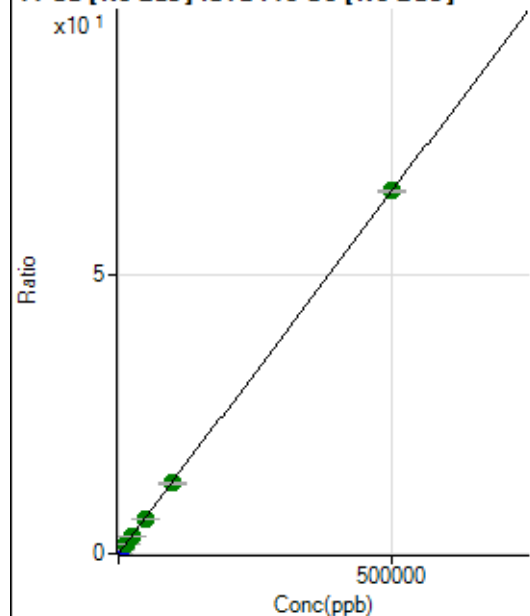
$$R = 1.0000$$

$$DL = 4.302$$

$$BEC = 5.869$$

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	6037.69	0.0018	P	0.3
2	☐	50.000					
3	☐	500.000	446.192	202711.06	0.0598	P	1.0
4	☐	5000.000	4844.055	2164227.46	0.6316	P	0.8
5	☐	12500.000	12172.517	5170437.31	1.5844	A	0.1
6	☐	25000.000	24283.467	9546034.41	3.1591	A	0.7
7	☐	50000.000	48086.257	18521451.11	6.2538	A	0.2
8	☐	100000.00	96910.264	36268086.58	12.6018	A	0.3
9	☐	500000.00	500854.94	196388501.6	65.1218	A	0.7

$$y = 1.3002\text{E-}004 * x + 0.0018$$

$$R = 1.0000$$

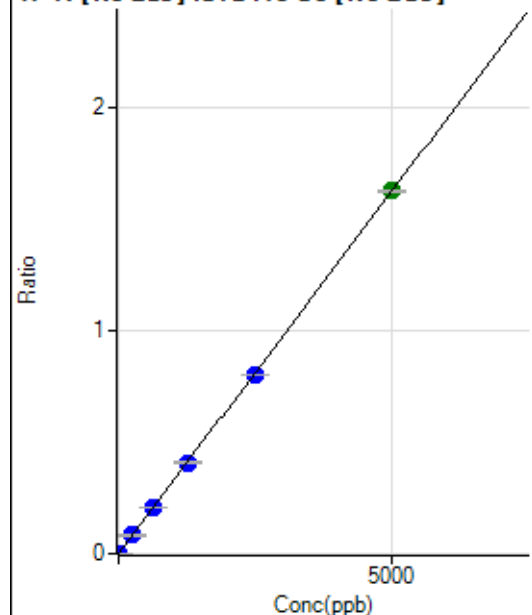
$$DL = 0.1217$$

$$BEC = 13.59$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	100.01	0.0000	P	13.9
2	☐	0.500					
3	☐	5.000	5.169	5795.80	0.0017	P	3.0
4	☐	250.000	252.297	281063.01	0.0820	P	0.5
5	☐	625.000	632.960	671363.86	0.2057	P	0.1
6	☐	1250.000	1256.534	1234044.34	0.4084	P	0.8
7	☐	2500.000	2474.143	2381394.30	0.8041	P	0.4
8	☐	5000.000	5010.185	4686090.82	1.6283	A	0.6
9	☐			3086.57	0.0010	P	3.2

$$y = 3.2498E-004 * x + 2.9259E-005$$

$$R = 1.0000$$

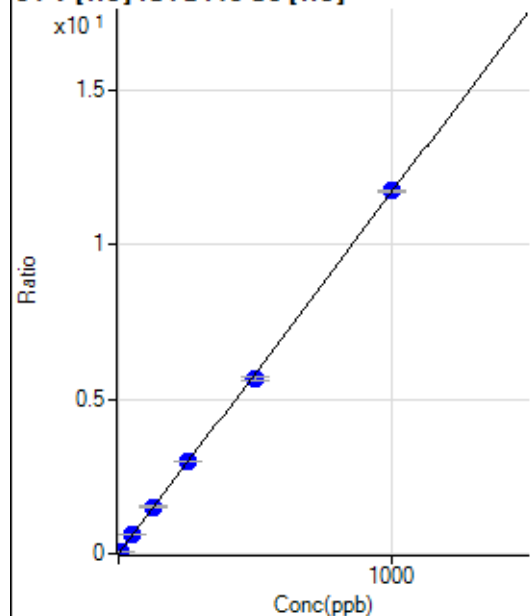
$$DL = 0.03747$$

$$BEC = 0.09003$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	0.00	0.0000	P	
2	☐	0.500					
3	☐	5.000	4.772	9542.09	0.0557	P	9.2
4	☐	50.000	51.380	95080.45	0.6003	P	0.8
5	☐	125.000	130.256	219827.25	1.5217	P	0.6
6	☐	250.000	257.385	413518.44	3.0069	P	0.6
7	☐	500.000	485.093	796240.31	5.6671	P	2.2
8	☐	1000.000	1004.882	1586660.90	11.7396	P	0.6
9	☐			387.79	0.0026	P	0.9

$$y = 0.0117 * x + 0.0000E+000$$

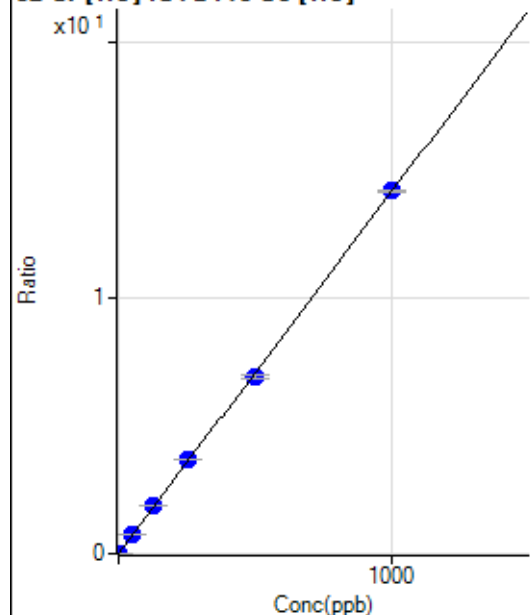
$$R = 0.9998$$

$$DL = 0$$

$$BEC = 0$$

Weight: <None>

Min Conc: 0

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

	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	528.91	0.0033	P	1.5
2	☐	0.200					
3	☐	2.000	1.761	4828.64	0.0283	P	12.9
4	☐	50.000	52.095	117366.52	0.7409	P	0.2
5	☐	125.000	131.601	269656.64	1.8666	P	0.2
6	☐	250.000	260.470	507629.86	3.6913	P	0.3
7	☐	500.000	487.535	970343.24	6.9062	P	2.2
8	☐	1000.000	1002.685	1919229.61	14.2001	P	0.5
9	☐			13751.02	0.0909	P	1.7

$$y = 0.0142 * x + 0.0033$$

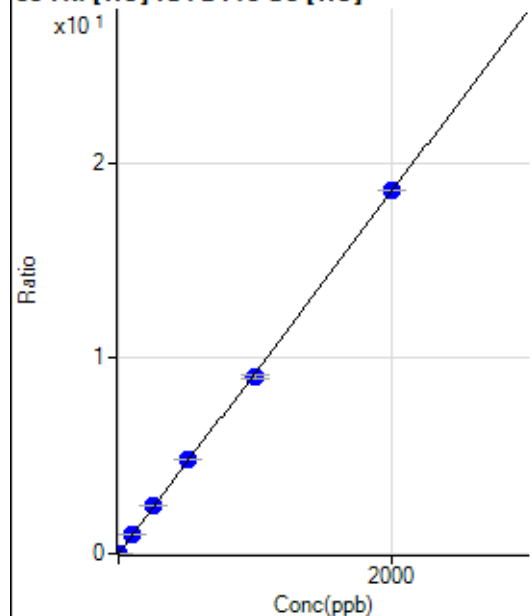
$$R = 0.9998$$

$$DL = 0.01083$$

$$BEC = 0.236$$

Weight: <None>

Min Conc: 0

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

	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	35.55	0.0002	P	10.1
2	☐	0.100					
3	☐	1.000	0.888	1447.87	0.0084	P	6.4
4	☐	100.000	102.367	150107.21	0.9476	P	0.4
5	☐	250.000	261.914	350206.59	2.4242	P	0.2
6	☐	500.000	519.513	661251.04	4.8083	P	0.3
7	☐	1000.000	979.342	1273537.29	9.0640	P	2.0
8	☐	2000.000	2003.843	2506593.11	18.5458	P	0.2
9	☐			10939.76	0.0724	P	2.5

$$y = 0.0093 * x + 2.2459E-004$$

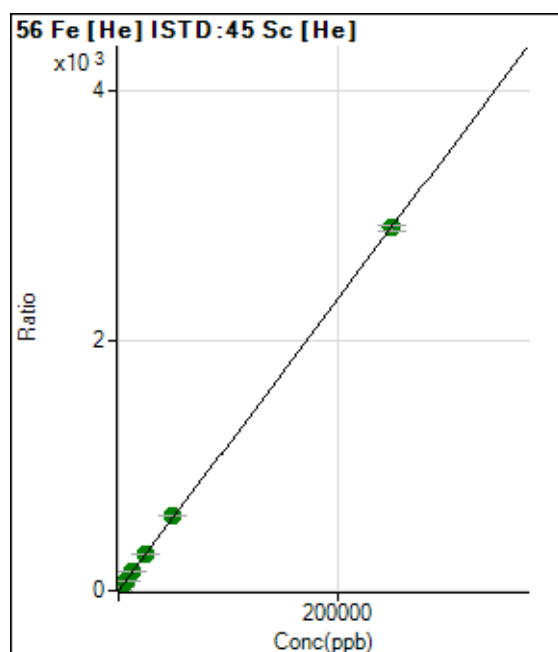
$$R = 0.9999$$

$$DL = 0.00738$$

$$BEC = 0.02427$$

Weight: <None>

Min Conc: 0



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	2931.86	0.0185	P	6.4
2	☐	5.000					
3	☐	50.000	94.931	192000.40	1.1237	P	11.8
4	☐	2500.000	2609.952	4815962.09	30.4033	A	0.1
5	☐	6250.000	6689.246	11252606.27	77.8941	A	0.4
6	☐	12500.000	13287.237	21275393.07	154.7072	A	0.3
7	☐	25000.000	24990.474	40878259.25	290.9552	A	2.4
8	☐	50000.000	51444.063	80947156.44	598.9253	A	0.6
9	☐	250000.00	249660.68	439545761.6	2,906.544	A	1.8

$$y = 0.0116 * x + 0.0185$$

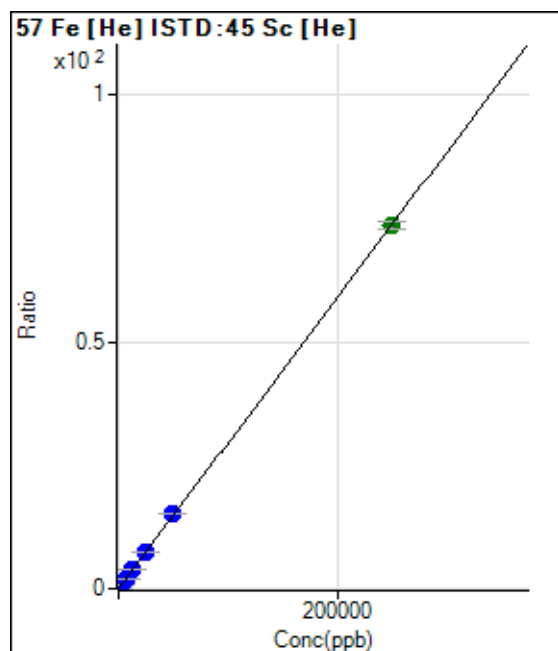
$$R = 1.0000$$

$$DL = 0.3045$$

$$BEC = 1.591$$

Weight: <None>

Min Conc: 0



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	100.00	0.0006	P	4.3
2	☐	5.000					
3	☐	50.000	95.449	4910.21	0.0287	P	12.0
4	☐	2500.000	2680.517	125136.70	0.7900	P	0.8
5	☐	6250.000	6811.624	289858.77	2.0065	P	0.3
6	☐	12500.000	13507.086	547082.87	3.9782	P	0.9
7	☐	25000.000	25249.322	1044793.57	7.4360	P	2.0
8	☐	50000.000	51556.477	2052022.93	15.1829	P	0.6
9	☐	250000.00	249597.56	11114733.12	73.5018	A	2.0

$$y = 2.9448E-004 * x + 6.3174E-004$$

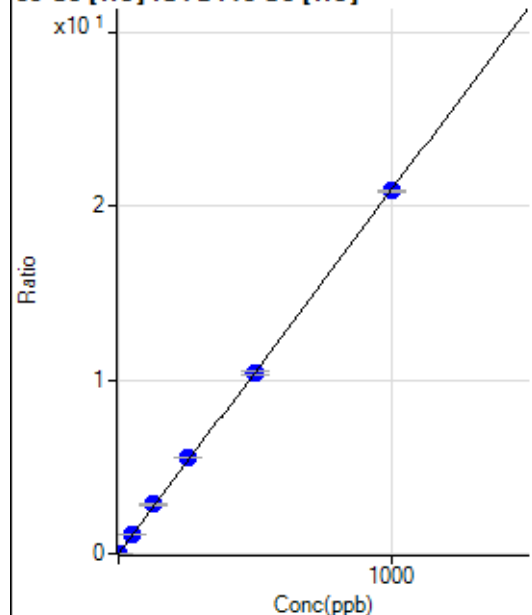
$$R = 1.0000$$

$$DL = 0.2772$$

$$BEC = 2.145$$

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	32.22	0.0002	P	43.4
2	☐	0.100					
3	☐	1.000	0.532	1933.49	0.0114	P	16.6
4	☐	50.000	53.833	178594.14	1.1275	P	0.5
5	☐	125.000	135.367	409500.72	2.8348	P	0.8
6	☐	250.000	264.727	762351.59	5.5436	P	0.5
7	☐	500.000	494.569	1455116.80	10.3565	P	2.1
8	☐	1000.000	997.546	2823212.21	20.8888	P	0.8
9	☐			36709.27	0.2427	P	1.2

$$y = 0.0209 * x + 2.0450E-004$$

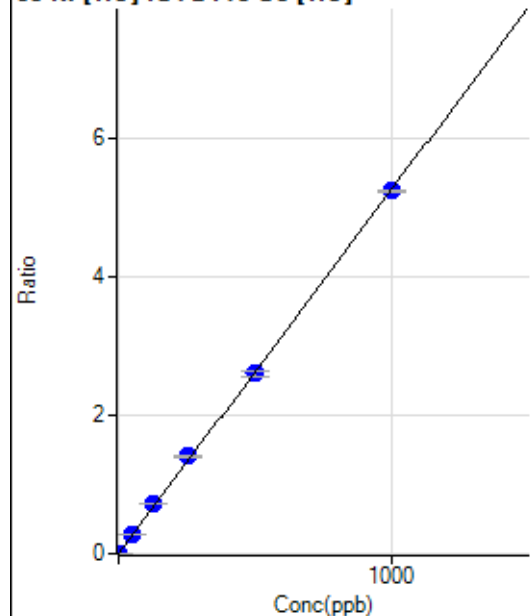
$$R = 0.9998$$

$$DL = 0.01272$$

$$BEC = 0.009766$$

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	31.11	0.0002	P	36.6
2	☐	0.100					
3	☐	1.000	0.975	911.15	0.0053	P	8.2
4	☐	50.000	54.931	45746.85	0.2888	P	0.7
5	☐	125.000	136.291	103471.50	0.7163	P	0.3
6	☐	250.000	267.006	192947.11	1.4030	P	0.3
7	☐	500.000	495.260	365592.78	2.6023	P	2.8
8	☐	1000.000	996.460	707614.93	5.2356	P	0.5
9	☐			8793.86	0.0582	P	3.5

$$y = 0.0053 * x + 1.9599E-004$$

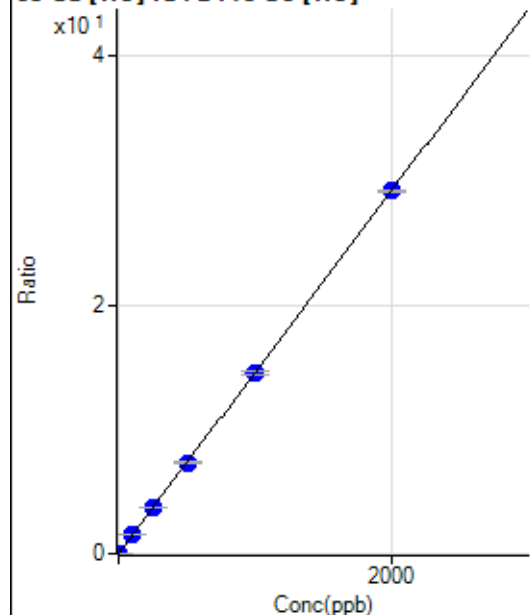
$$R = 0.9998$$

$$DL = 0.04096$$

$$BEC = 0.0373$$

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	321.12	0.0020	P	11.2
2	☐	0.200					
3	☐	2.000	1.726	4646.37	0.0272	P	11.5
4	☐	100.000	102.998	238212.12	1.5038	P	0.8
5	☐	250.000	258.450	544663.96	3.7705	P	0.8
6	☐	500.000	502.836	1008563.49	7.3339	P	0.2
7	☐	1000.000	997.941	2044797.35	14.5530	P	1.9
8	☐	2000.000	1999.115	3939937.41	29.1511	P	0.5
9	☐			5456.65	0.0361	P	4.4

$$y = 0.0146 * x + 0.0020$$

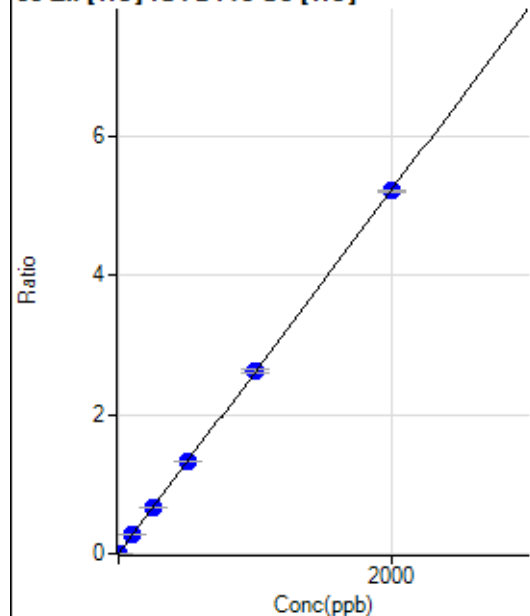
$$R = 1.0000$$

$$DL = 0.04685$$

$$BEC = 0.139$$

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	541.13	0.0034	P	6.8
2	☐	0.200					
3	☐	2.000	1.662	1327.86	0.0078	P	8.6
4	☐	100.000	101.572	42516.26	0.2684	P	1.3
5	☐	250.000	255.693	96856.95	0.6705	P	0.7
6	☐	500.000	504.056	181313.96	1.3184	P	0.4
7	☐	1000.000	1004.340	368656.66	2.6236	P	1.6
8	☐	2000.000	1996.026	704268.67	5.2108	P	0.8
9	☐			7076.27	0.0468	P	2.8

$$y = 0.0026 * x + 0.0034$$

$$R = 1.0000$$

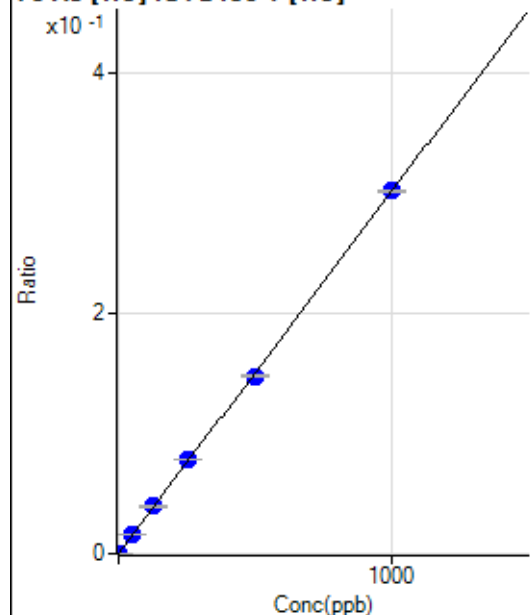
$$DL = 0.2654$$

$$BEC = 1.31$$

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	60.18	0.0001	P	12.1
2	☐	0.100					
3	☐	1.000	0.953	324.57	0.0004	P	9.8
4	☐	50.000	52.791	13395.14	0.0160	P	0.2
5	☐	125.000	130.391	30560.93	0.0393	P	1.1
6	☐	250.000	257.674	57854.64	0.0776	P	0.2
7	☐	500.000	490.934	111789.34	0.1478	P	1.9
8	☐	1000.000	1001.801	218575.02	0.3015	P	0.5
9	☐			353.22	0.0005	P	7.3

$$y = 3.0090\text{E-}004 * x + 7.2199\text{E-}005$$

$$R = 0.9999$$

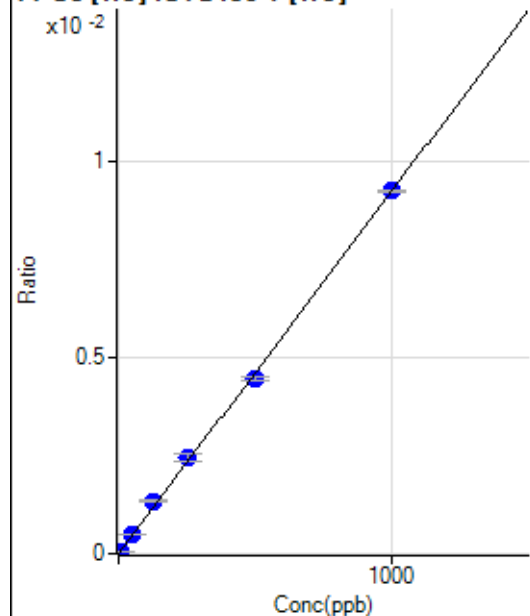
$$DL = 0.08711$$

$$BEC = 0.2399$$

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	0.00	0.0000	P	
2	☐	0.500					
3	☐	5.000	4.806	40.00	0.0000	P	2.4
4	☐	50.000	52.975	410.01	0.0005	P	6.4
5	☐	125.000	144.155	1033.39	0.0013	P	3.5
6	☐	250.000	265.171	1822.36	0.0024	P	7.5
7	☐	500.000	483.932	3376.00	0.0045	P	2.9
8	☐	1000.000	1001.699	6696.09	0.0092	P	0.7
9	☐			2.22	0.0000	P	86.6

$$y = 9.2213\text{E-}006 * x + 0.0000\text{E+}000$$

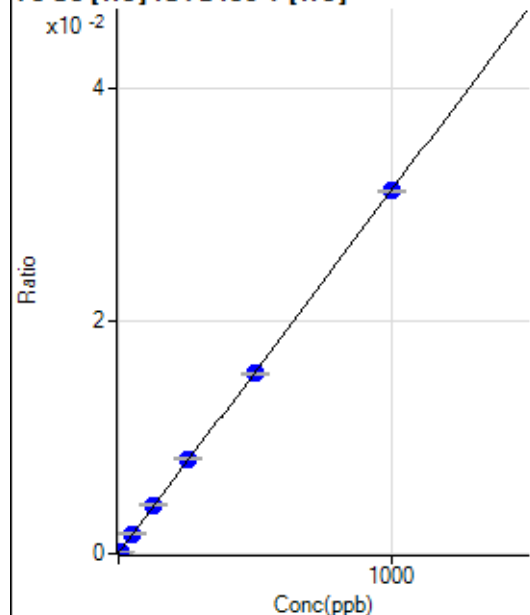
$$R = 0.9995$$

$$DL = 0$$

$$BEC = 0$$

Weight: <None>

Min Conc: 0

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

	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	33.33	0.0000	P	6.1
2	☐	0.500					
3	☐	5.000	5.230	182.10	0.0002	P	12.2
4	☐	50.000	53.703	1438.36	0.0017	P	4.7
5	☐	125.000	132.524	3243.60	0.0042	P	4.8
6	☐	250.000	259.881	6067.98	0.0081	P	2.3
7	☐	500.000	496.204	11728.88	0.0155	P	1.1
8	☐	1000.000	998.301	22583.04	0.0312	P	0.3
9	☐			38.27	0.0000	P	31.4

$$y = 3.1167\text{E-}005 * x + 4.0003\text{E-}005$$

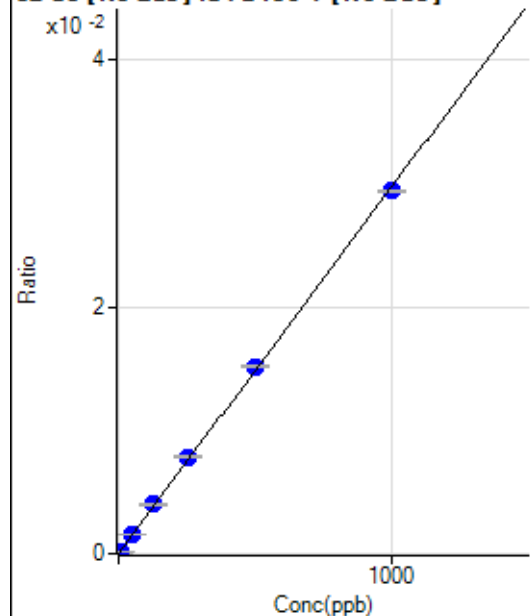
$$R = 0.9999$$

$$DL = 0.2345$$

$$BEC = 1.284$$

Weight: <None>

Min Conc: 0

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

	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	58.80	0.0000	P	44.5
2	☐	0.500					
3	☐	5.000	5.310	860.49	0.0002	P	5.6
4	☐	50.000	53.181	8227.49	0.0016	P	1.1
5	☐	125.000	133.507	20047.88	0.0040	P	0.9
6	☐	250.000	264.207	37341.34	0.0079	P	0.7
7	☐	500.000	510.766	71533.84	0.0152	P	0.9
8	☐	1000.000	989.841	135618.72	0.0294	P	0.5
9	☐			81.77	0.0000	P	48.9

$$y = 2.9673\text{E-}005 * x + 1.1383\text{E-}005$$

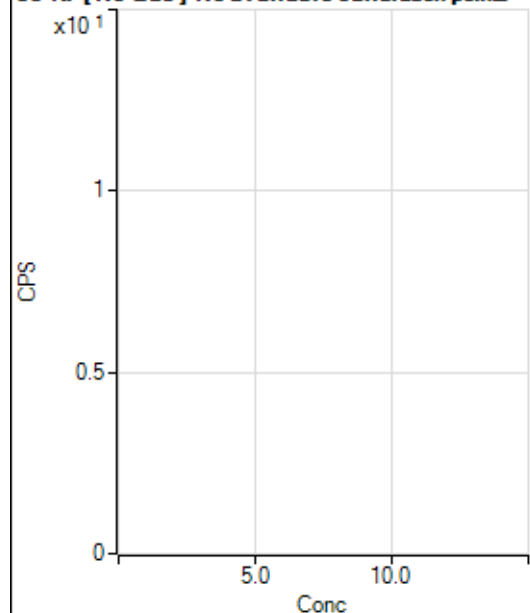
$$R = 0.9998$$

$$DL = 0.5122$$

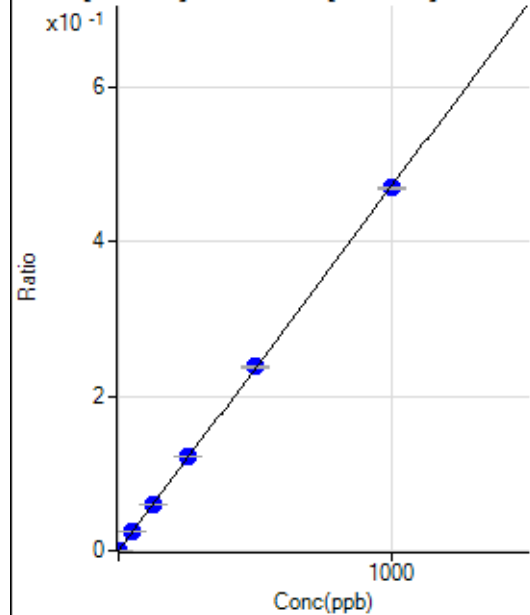
$$BEC = 0.3836$$

Weight: <None>

Min Conc: 0

83 Kr [No Gas] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			247.79		P	5.4
2	☐						
3	☐			236.67		P	10.6
4	☐			265.56		P	8.4
5	☐			240.01		P	24.1
6	☐			224.45		P	12.4
7	☐			224.45		P	12.6
8	☐			213.34		P	12.4
9	☐			276.68		P	15.8

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	433.36	0.0001	P	19.9
2	☐	0.100					
3	☐	1.000	1.072	3000.46	0.0006	P	5.8
4	☐	50.000	51.313	125710.10	0.0243	P	0.3
5	☐	125.000	127.819	304616.00	0.0604	P	0.8
6	☐	250.000	256.630	576054.34	0.1211	P	0.6
7	☐	500.000	504.819	1123313.67	0.2382	P	0.4
8	☐	1000.000	995.515	2167466.91	0.4696	P	0.4
9	☐			10345.73	0.0023	P	1.8

$$y = 4.7163\text{E-}004 * x + 8.3950\text{E-}005$$

$$R = 1.0000$$

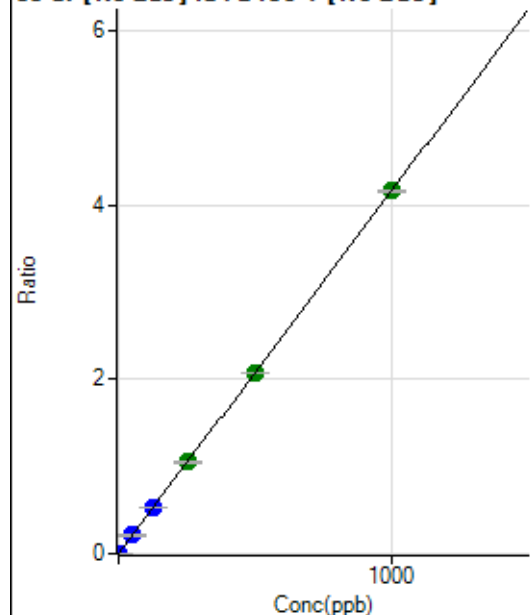
$$DL = 0.1065$$

$$BEC = 0.178$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	144.45	0.0000	P	14.6
2	☐	0.100					
3	☐	1.000	1.030	21987.01	0.0043	P	1.8
4	☐	50.000	50.470	1088299.08	0.2102	P	0.9
5	☐	125.000	125.692	2641805.25	0.5236	P	0.4
6	☐	250.000	252.150	4995165.35	1.0503	A	0.4
7	☐	500.000	498.651	9795748.83	2.0770	A	0.3
8	☐	1000.000	1000.027	19224962.23	4.1653	A	0.5
9	☐			85087.83	0.0186	P	2.9

$$y = 0.0042 * x + 2.7967E-005$$

$$R = 1.0000$$

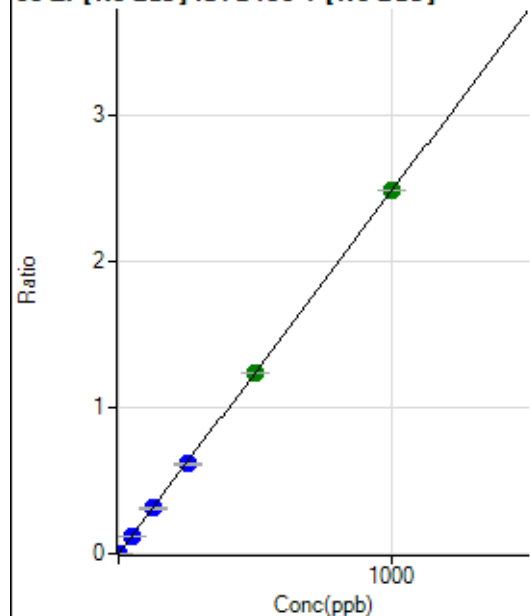
$$DL = 0.002944$$

$$BEC = 0.006715$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	305.57	0.0001	P	16.4
2	☐	0.100					
3	☐	1.000	0.881	11421.65	0.0022	P	0.6
4	☐	50.000	49.837	639865.24	0.1236	P	0.6
5	☐	125.000	124.813	1561623.06	0.3095	P	0.3
6	☐	250.000	246.926	2911756.34	0.6122	P	0.3
7	☐	500.000	499.931	5845678.73	1.2394	A	0.3
8	☐	1000.000	1000.835	11452230.46	2.4812	A	0.1
9	☐			3622.83	0.0008	P	6.2

$$y = 0.0025 * x + 5.9189E-005$$

$$R = 1.0000$$

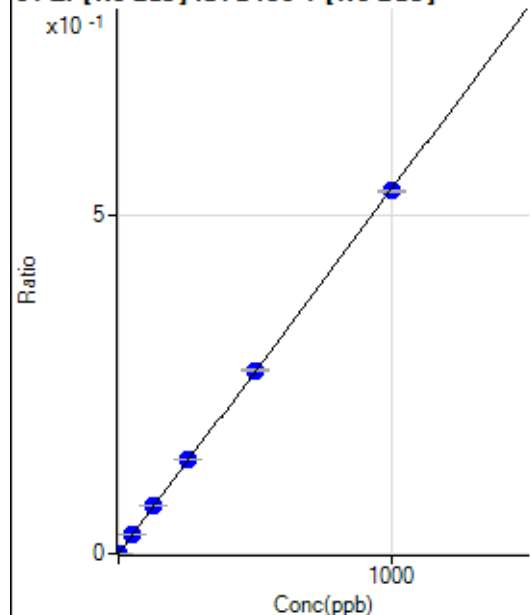
$$DL = 0.01177$$

$$BEC = 0.02388$$

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	80.56	0.0000	P	30.2
2	☐	0.100					
3	☐	1.000	0.946	2675.36	0.0005	P	5.9
4	☐	50.000	51.921	144822.82	0.0280	P	0.7
5	☐	125.000	129.781	352744.29	0.0699	P	0.3
6	☐	250.000	257.309	659138.40	0.1386	P	0.2
7	☐	500.000	503.425	1278758.14	0.2711	P	0.8
8	☐	1000.000	995.767	2475221.39	0.5363	P	0.3
9	☐			766.72	0.0002	P	12.6

$$y = 5.3855E-004 * x + 1.5605E-005$$

$$R = 1.0000$$

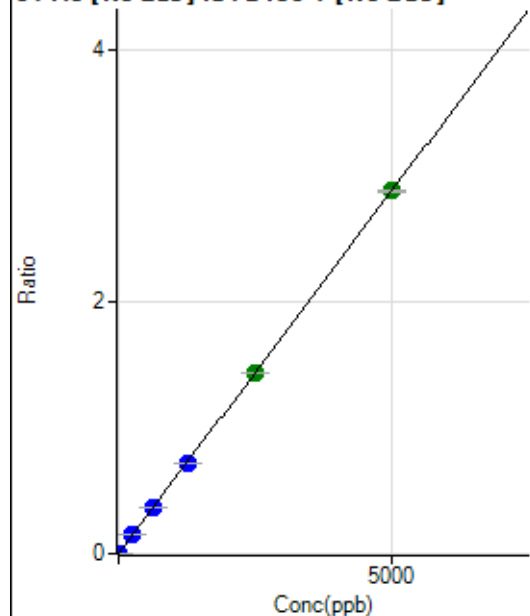
$$DL = 0.02622$$

$$BEC = 0.02898$$

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	127.78	0.0000	P	19.9
2	☐	0.500					
3	☐	5.000	5.047	14908.28	0.0029	P	2.7
4	☐	250.000	253.187	754088.69	0.1457	P	0.7
5	☐	625.000	630.080	1829102.82	0.3625	P	0.8
6	☐	1250.000	1245.235	3407189.31	0.7164	P	0.5
7	☐	2500.000	2493.983	6766809.26	1.4348	A	0.4
8	☐	5000.000	5003.405	13285241.01	2.8784	A	0.5
9	☐			8444.51	0.0019	P	5.7

$$y = 5.7528E-004 * x + 2.4735E-005$$

$$R = 1.0000$$

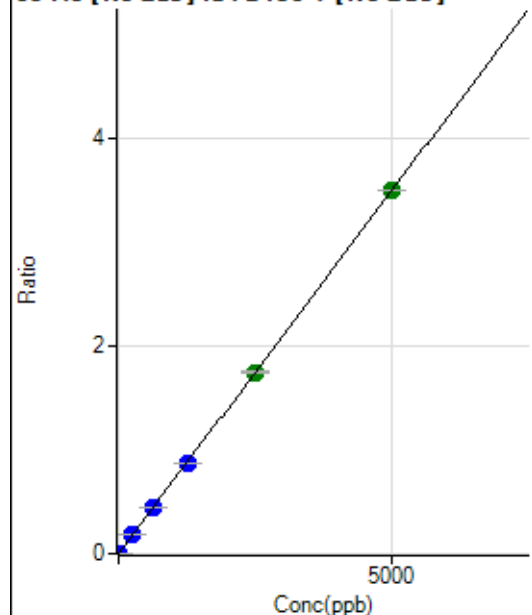
$$DL = 0.02565$$

$$BEC = 0.043$$

Weight: <None>

Min Conc: 0

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



	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	16.66	0.0000	P	86.9
2	☐	0.500					
3	☐	5.000	5.412	19263.63	0.0038	P	1.4
4	☐	250.000	254.232	919081.97	0.1776	P	0.7
5	☐	625.000	630.712	2222564.46	0.4405	P	0.2
6	☐	1250.000	1244.998	4135318.75	0.8695	P	0.4
7	☐	2500.000	2499.147	8231607.65	1.7453	A	0.5
8	☐	5000.000	5000.751	16119281.26	3.4924	A	0.1
9	☐			13100.98	0.0029	P	6.3

$$y = 6.9837\text{E-}004 * x + 3.2310\text{E-}006$$

$$R = 1.0000$$

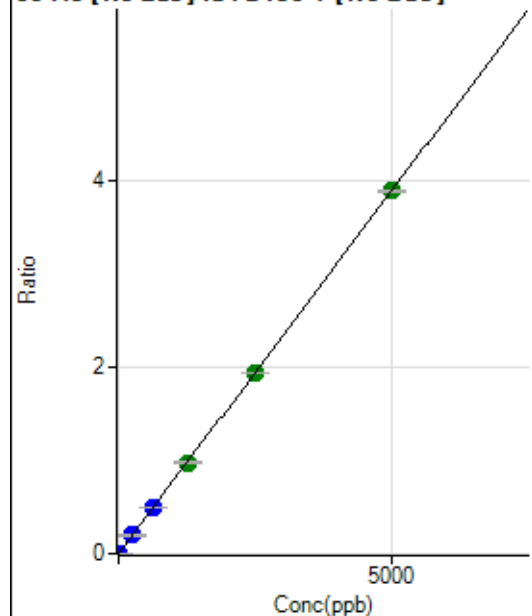
$$DL = 0.01206$$

$$BEC = 0.004626$$

Weight: <None>

Min Conc: 0

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



	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	44.44	0.0000	P	43.6
2	☐	0.500					
3	☐	5.000	5.231	20757.42	0.0041	P	1.7
4	☐	250.000	253.003	1018510.42	0.1968	P	0.9
5	☐	625.000	628.506	2466268.63	0.4888	P	0.3
6	☐	1250.000	1259.056	4656859.87	0.9791	A	0.3
7	☐	2500.000	2491.725	9139015.14	1.9377	A	0.5
8	☐	5000.000	5001.285	17951361.86	3.8893	A	0.2
9	☐			17567.03	0.0038	P	5.5

$$y = 7.7767\text{E-}004 * x + 8.6102\text{E-}006$$

$$R = 1.0000$$

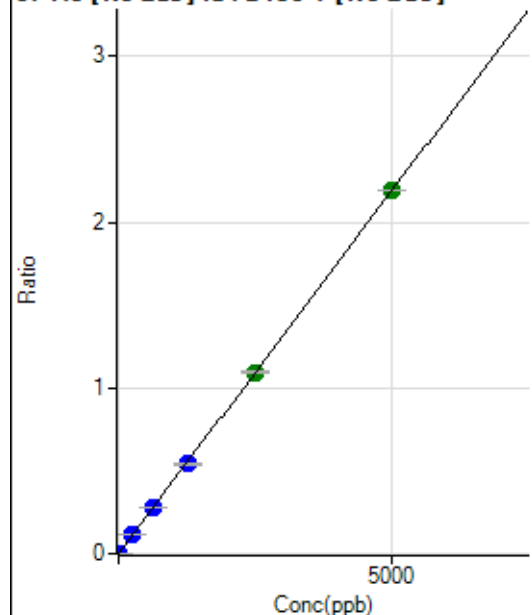
$$DL = 0.01448$$

$$BEC = 0.01107$$

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	19.44	0.0000	P	65.0
2	☐	0.500					
3	☐	5.000	5.364	11966.56	0.0024	P	1.5
4	☐	250.000	253.457	573945.91	0.1109	P	0.1
5	☐	625.000	629.090	1388575.04	0.2752	P	0.2
6	☐	1250.000	1235.935	2571384.87	0.5407	P	0.5
7	☐	2500.000	2497.493	5152602.85	1.0925	A	0.8
8	☐	5000.000	5004.086	10103363.25	2.1890	A	0.0
9	☐			7521.76	0.0016	P	3.9

$$y = 4.3744\text{E-}004 * x + 3.7561\text{E-}006$$

$$R = 1.0000$$

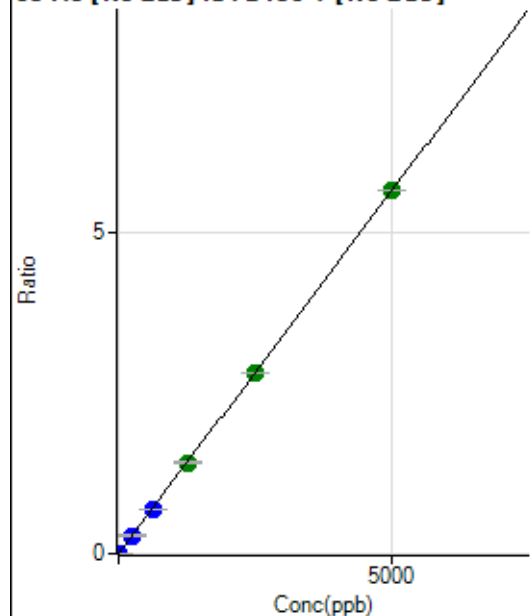
$$DL = 0.01673$$

$$BEC = 0.008587$$

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	38.89	0.0000	P	33.1
2	☐	0.500					
3	☐	5.000	5.349	30887.15	0.0061	P	0.2
4	☐	250.000	251.315	1473290.99	0.2846	P	0.6
5	☐	625.000	620.289	3544524.95	0.7025	P	0.4
6	☐	1250.000	1258.988	6781124.29	1.4258	A	0.6
7	☐	2500.000	2491.918	13309599.60	2.8220	A	0.8
8	☐	5000.000	5002.317	26147027.67	5.6650	A	0.0
9	☐			19344.32	0.0042	P	4.3

$$y = 0.0011 * x + 7.5369\text{E-}006$$

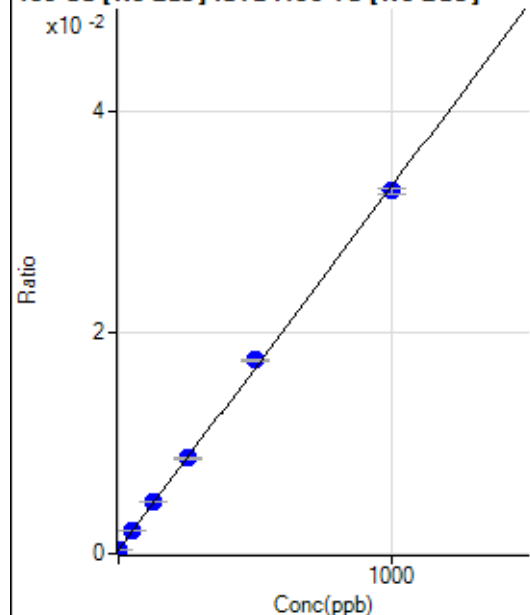
$$R = 1.0000$$

$$DL = 0.006609$$

$$BEC = 0.006655$$

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	2436.42	0.0004	P	4.0
2	☐	0.100					
3	☐	1.000	0.886	2597.58	0.0004	P	6.4
4	☐	50.000	50.861	13748.84	0.0020	P	1.2
5	☐	125.000	130.984	31279.82	0.0047	P	1.0
6	☐	250.000	251.274	56965.45	0.0086	P	0.4
7	☐	500.000	522.584	115999.57	0.0176	P	1.1
8	☐	1000.000	987.598	214106.43	0.0328	P	1.3
9	☐			2236.39	0.0004	P	5.6

$$y = 3.2884\text{E-}005 * x + 3.6908\text{E-}004$$

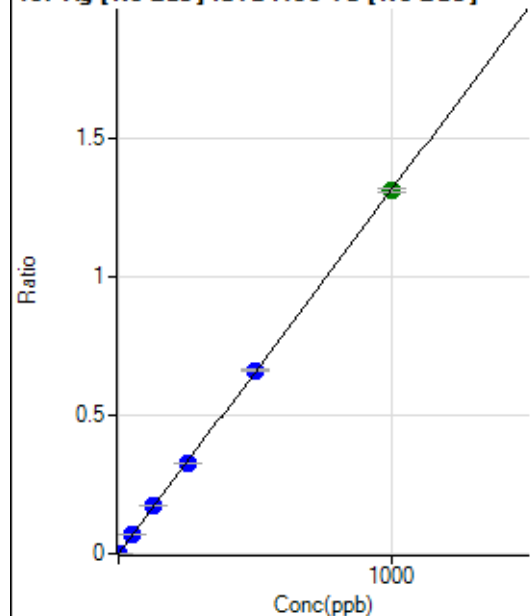
$$R = 0.9996$$

$$DL = 1.352$$

$$BEC = 11.22$$

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	102.78	0.0000	P	9.1
2	☐	0.100					
3	☐	1.000	1.466	12672.81	0.0019	P	3.3
4	☐	50.000	54.166	479485.35	0.0712	P	0.8
5	☐	125.000	130.895	1150784.72	0.1720	P	0.7
6	☐	250.000	246.473	2137809.23	0.3239	P	0.4
7	☐	500.000	504.789	4384159.43	0.6634	P	0.3
8	☐	1000.000	997.542	8546079.01	1.3110	A	0.9
9	☐			1794.64	0.0003	P	6.4

$$y = 0.0013 * x + 1.5567\text{E-}005$$

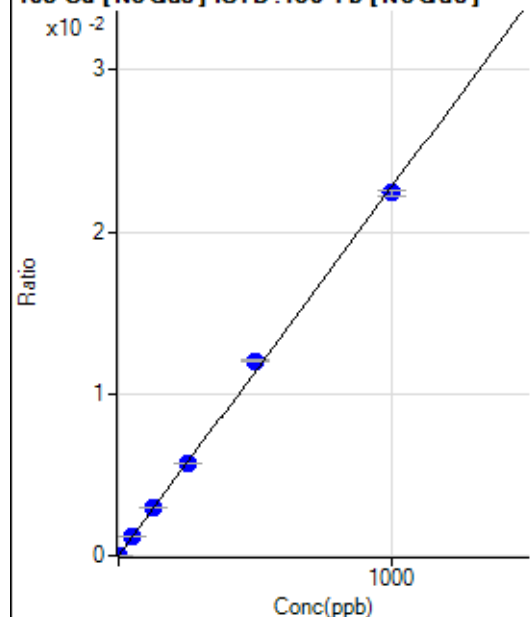
$$R = 1.0000$$

$$DL = 0.003242$$

$$BEC = 0.01185$$

Weight: <None>

Min Conc: 0

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	4.17	0.0000	P	99.7
2	☐	0.100					
3	☐	1.000	0.477	75.00	0.0000	P	23.6
4	☐	50.000	53.924	8263.66	0.0012	P	1.9
5	☐	125.000	131.981	20082.54	0.0030	P	0.9
6	☐	250.000	250.658	37626.47	0.0057	P	1.2
7	☐	500.000	528.204	79392.96	0.0120	P	1.0
8	☐	1000.000	984.665	145989.42	0.0224	P	1.3
9	☐			47.22	0.0000	P	18.9

$$y = 2.2744\text{E-}005 * x + 6.2950\text{E-}007$$

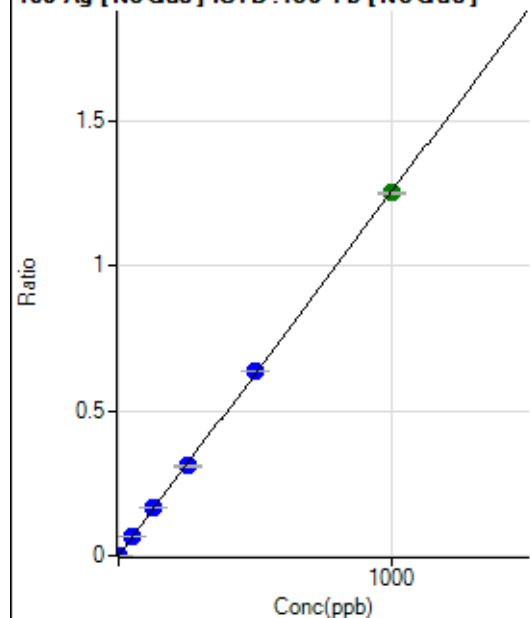
$$R = 0.9994$$

$$DL = 0.08276$$

$$BEC = 0.02768$$

Weight: <None>

Min Conc: 0

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	58.33	0.0000	P	49.4
2	☐	0.100					
3	☐	1.000	1.475	12141.74	0.0019	P	2.1
4	☐	50.000	53.949	456112.58	0.0677	P	1.7
5	☐	125.000	130.888	1099144.00	0.1643	P	0.9
6	☐	250.000	245.952	2037640.95	0.3088	P	0.4
7	☐	500.000	506.137	4198808.99	0.6354	P	0.2
8	☐	1000.000	997.010	8158790.11	1.2516	A	0.5
9	☐			1683.51	0.0003	P	12.0

$$y = 0.0013 * x + 8.8303\text{E-}006$$

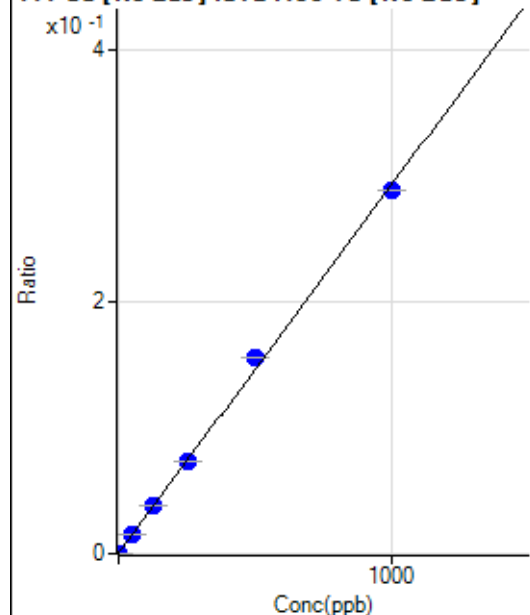
$$R = 0.9999$$

$$DL = 0.01042$$

$$BEC = 0.007034$$

Weight: <None>

Min Conc: 0

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	1705.35	0.0003	P	4.1
2	☐	0.100					
3	☐	1.000	0.397	2440.83	0.0004	P	6.6
4	☐	50.000	53.355	106671.06	0.0158	P	0.5
5	☐	125.000	130.909	257452.76	0.0385	P	1.1
6	☐	250.000	249.474	482515.61	0.0731	P	0.5
7	☐	500.000	530.534	1025579.68	0.1552	P	0.6
8	☐	1000.000	983.958	1874920.59	0.2876	P	0.1
9	☐			1894.93	0.0003	P	4.9

$$y = 2.9204\text{E-}004 * x + 2.5834\text{E-}004$$

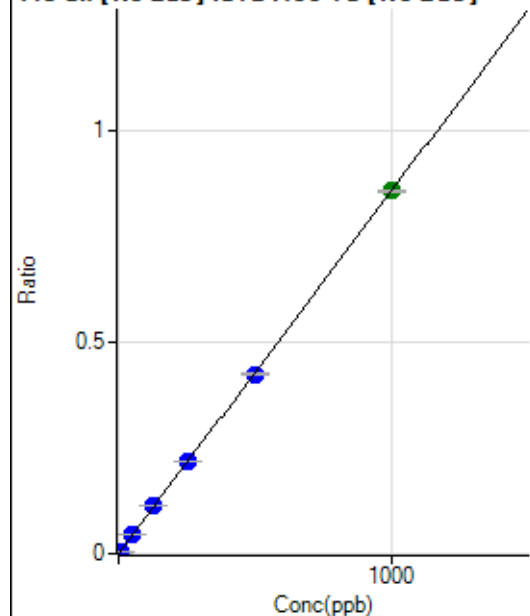
$$R = 0.9993$$

$$DL = 0.1079$$

$$BEC = 0.8846$$

Weight: <None>

Min Conc: 0

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	308.35	0.0000	P	19.4
2	☐	0.500					
3	☐	5.000	5.623	31814.72	0.0049	P	1.5
4	☐	50.000	53.290	308544.27	0.0458	P	1.1
5	☐	125.000	131.553	756124.07	0.1130	P	0.7
6	☐	250.000	256.262	1452902.02	0.2202	P	0.5
7	☐	500.000	495.092	2810475.82	0.4253	P	0.3
8	☐	1000.000	999.902	5598836.76	0.8589	A	0.7
9	☐			5045.57	0.0008	P	1.0

$$y = 8.5892\text{E-}004 * x + 4.6702\text{E-}005$$

$$R = 0.9999$$

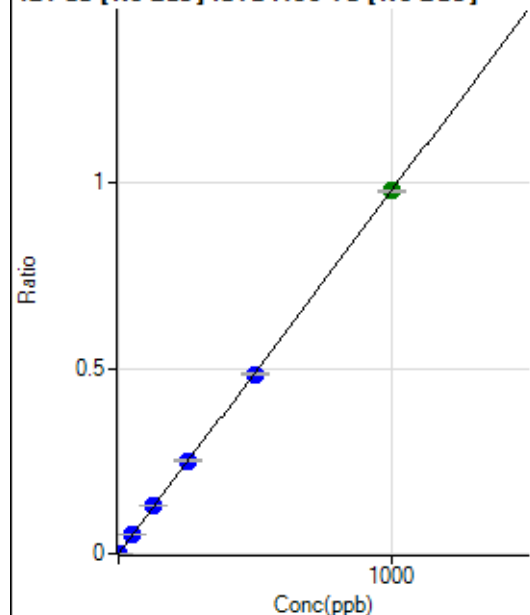
$$DL = 0.03165$$

$$BEC = 0.05437$$

Weight: <None>

Min Conc: 0

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



	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	19.45	0.0000	P	108.
2	☐	0.200					
3	☐	2.000	0.966	6182.18	0.0009	P	3.2
4	☐	50.000	53.532	352553.80	0.0524	P	0.2
5	☐	125.000	132.600	867411.66	0.1297	P	0.8
6	☐	250.000	256.414	1654850.44	0.2508	P	0.5
7	☐	500.000	494.983	3198804.02	0.4841	P	0.5
8	☐	1000.000	999.781	6373399.75	0.9777	A	0.8
9	☐			9359.02	0.0015	P	4.5

$$y = 9.7793\text{E-}004 * x + 2.9464\text{E-}006$$

$$R = 0.9999$$

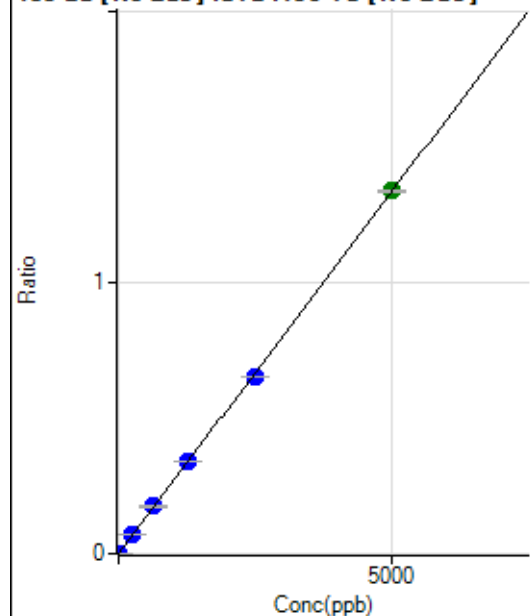
$$DL = 0.009775$$

$$BEC = 0.003013$$

Weight: <None>

Min Conc: 0

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



	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	44.45	0.0000	P	29.0
2	☐	1.000					
3	☐	10.000	10.114	17659.08	0.0027	P	4.1
4	☐	250.000	263.668	474038.04	0.0704	P	1.1
5	☐	625.000	651.918	1164154.65	0.1740	P	0.6
6	☐	1250.000	1267.465	2232991.63	0.3384	P	0.4
7	☐	2500.000	2450.410	4322868.41	0.6542	P	0.4
8	☐	5000.000	5016.381	8729563.91	1.3392	A	0.6
9	☐			1894.65	0.0003	P	2.7

$$y = 2.6695\text{E-}004 * x + 6.7379\text{E-}006$$

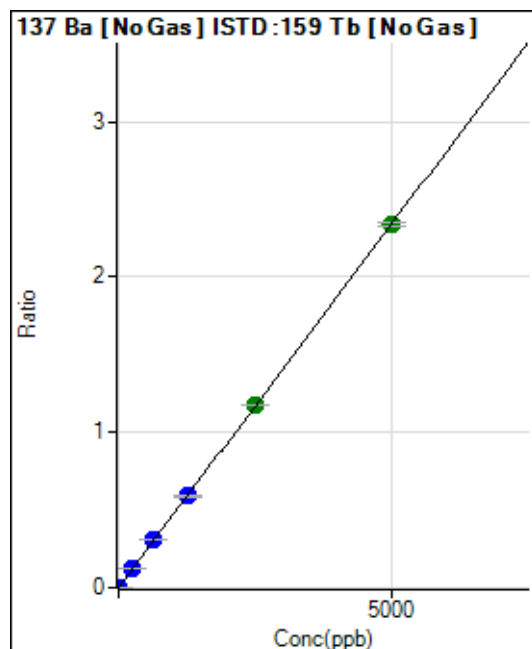
$$R = 0.9999$$

$$DL = 0.02196$$

$$BEC = 0.02524$$

Weight: <None>

Min Conc: 0



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	25.00	0.0000	P	58.0
2	☐	1.000					
3	☐	10.000	10.283	31428.26	0.0048	P	2.2
4	☐	250.000	263.768	831449.06	0.1235	P	1.1
5	☐	625.000	650.995	2038298.96	0.3047	P	0.8
6	☐	1250.000	1256.386	3881089.80	0.5881	P	0.5
7	☐	2500.000	2509.076	7761278.12	1.1745	A	0.1
8	☐	5000.000	4989.927	15225605.20	2.3357	A	1.0
9	☐			3244.99	0.0005	P	8.9

$$y = 4.6808\text{E-}004 * x + 3.7915\text{E-}006$$

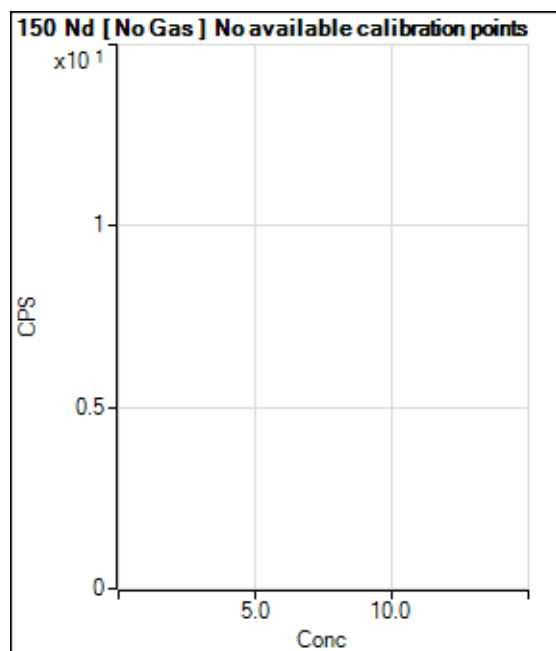
$$R = 1.0000$$

$$DL = 0.0141$$

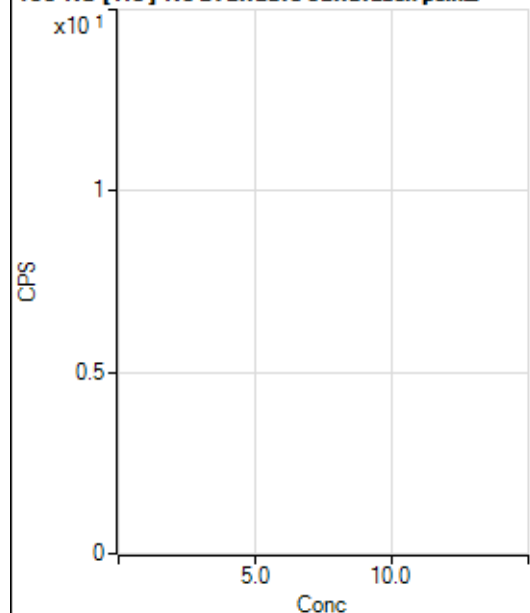
$$BEC = 0.0081$$

Weight: <None>

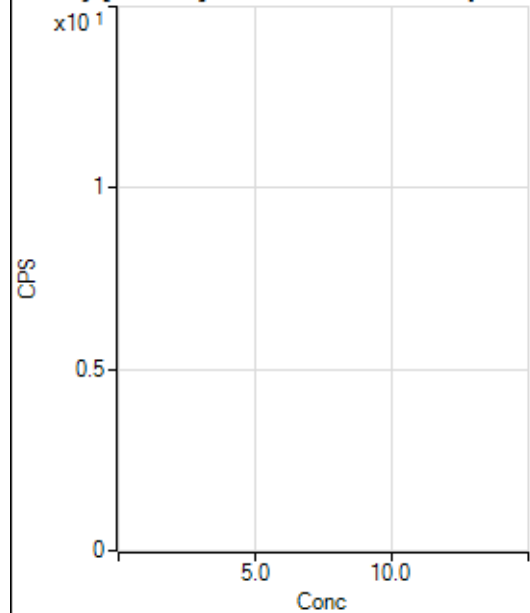
Min Conc: 0



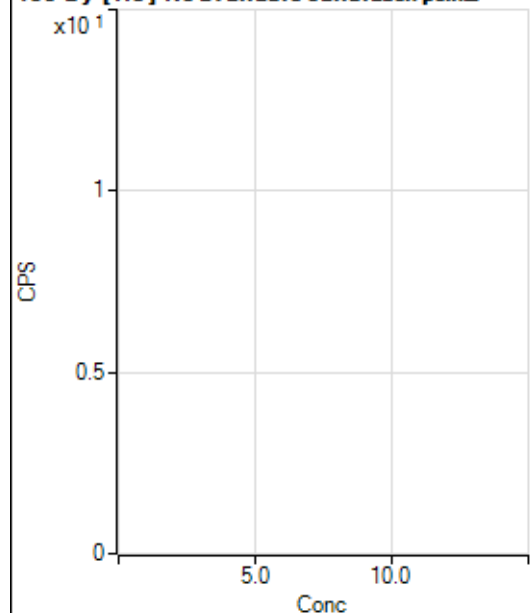
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			0.00		P	
2	☐						
3	☐			2.22		P	173.
4	☐			53.34		P	21.6
5	☐			122.23		P	28.0
6	☐			220.01		P	21.2
7	☐			451.13		P	15.1
8	☐			708.93		P	8.7
9	☐			157.78		P	32.0

150 Nd [He] No available calibration points

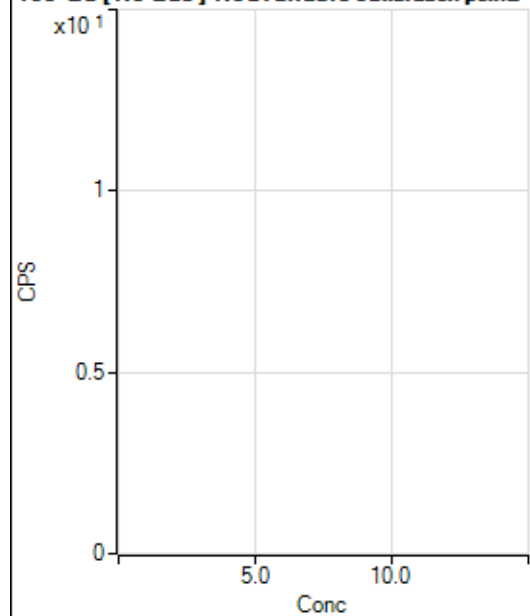
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			1.11		P	173.
2	☐						
3	☐			0.00		P	
4	☐			8.89		P	43.3
5	☐			15.55		P	24.8
6	☐			28.89		P	17.6
7	☐			45.56		P	47.6
8	☐			92.22		P	4.2
9	☐			62.22		P	11.1

156 Dy [No Gas] No available calibration points

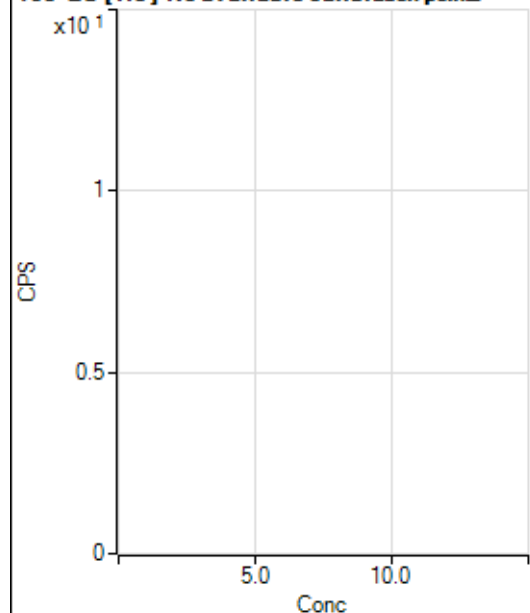
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			5.55		P	86.6
2	☐						
3	☐			2.78		P	173.
4	☐			8.33		P	100.
5	☐			30.56		P	41.7
6	☐			50.00		P	44.1
7	☐			100.01		P	8.3
8	☐			144.45		P	24.0
9	☐			86.12		P	27.9

156 Dy [He] No available calibration points

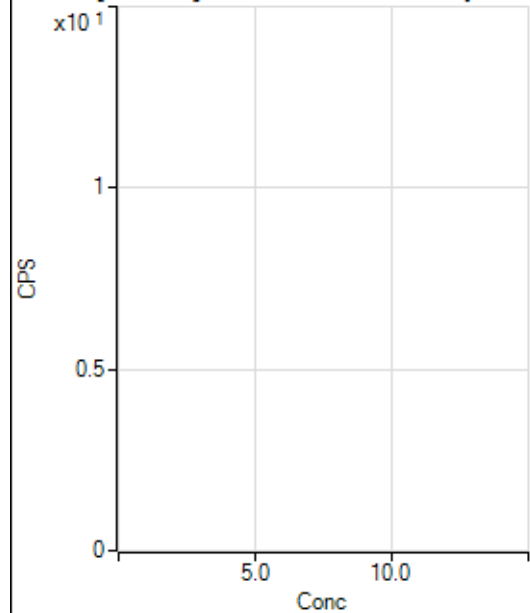
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			3.33		P	100.
2	☐						
3	☐			4.44		P	114.
4	☐			11.11		P	17.3
5	☐			24.45		P	55.1
6	☐			42.22		P	43.5
7	☐			100.00		P	35.3
8	☐			201.12		P	13.3
9	☐			44.44		P	22.9

160 Gd [No Gas] Noavailable calibration poin_

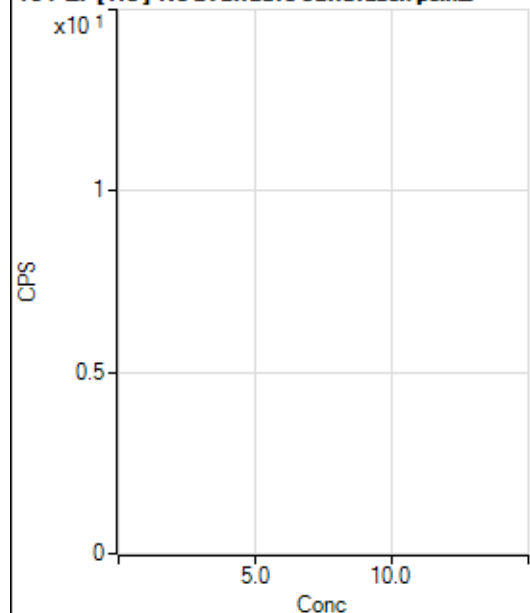
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			41.67		P	20.0
2	☐						
3	☐			25.00		P	0.0
4	☐			33.34		P	66.1
5	☐			47.22		P	36.7
6	☐			50.00		P	33.3
7	☐			55.56		P	67.6
8	☐			72.22		P	58.1
9	☐			86.12		P	5.6

160 Gd [He] No available calibration points

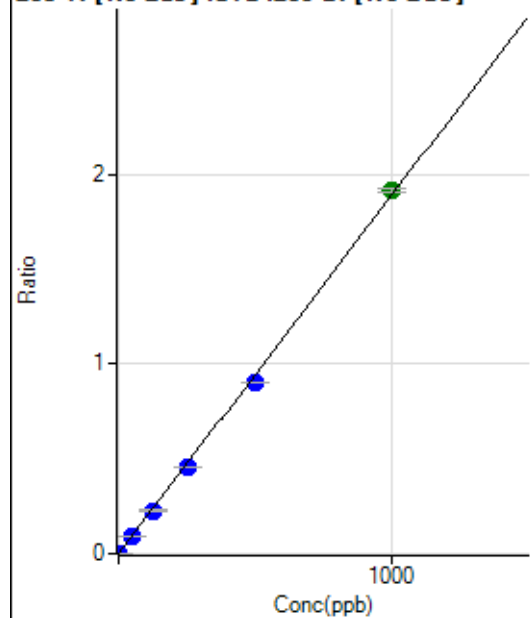
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			123.34		P	14.3
2	☐						
3	☐			106.67		P	25.6
4	☐			107.78		P	7.1
5	☐			111.11		P	11.4
6	☐			114.45		P	16.0
7	☐			94.45		P	16.7
8	☐			106.67		P	14.3
9	☐			124.45		P	26.8

164 Er [No Gas] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			11.11		P	43.3
2	☐						
3	☐			22.22		P	78.1
4	☐			25.00		P	66.7
5	☐			19.45		P	24.7
6	☐			22.22		P	21.6
7	☐			36.11		P	26.7
8	☐			22.22		P	21.6
9	☐			41.67		P	0.0

164 Er [He] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			8.89		P	43.3
2	☐						
3	☐			10.00		P	88.2
4	☐			14.45		P	26.7
5	☐			13.33		P	25.0
6	☐			20.00		P	44.1
7	☐			17.78		P	92.5
8	☐			17.78		P	28.6
9	☐			27.78		P	38.6

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	33.34	0.0000	P	24.6
2	☐	0.100					
3	☐	1.000	0.413	3375.59	0.0008	P	1.6
4	☐	50.000	48.276	400612.36	0.0913	P	0.4
5	☐	125.000	120.607	996171.39	0.2281	P	0.7
6	☐	250.000	242.021	1969275.59	0.4576	P	0.5
7	☐	500.000	479.821	3840753.34	0.9073	P	0.2
8	☐	1000.000	1012.720	7766962.07	1.9149	A	1.1
9	☐			1830.76	0.0005	P	15.5

$$y = 0.0019 * x + 7.7488E-006$$

$$R = 0.9997$$

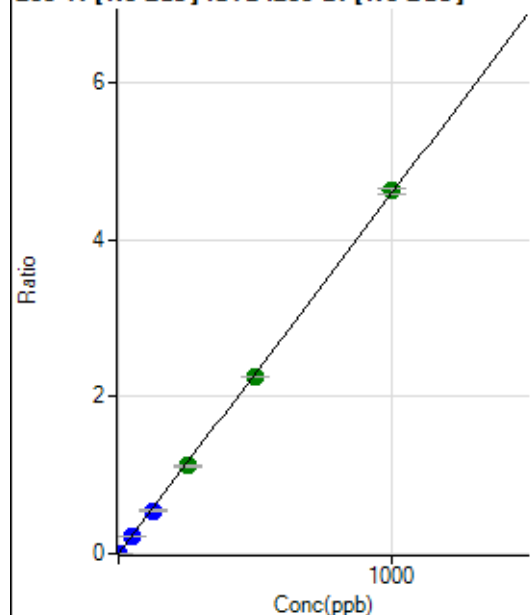
$$DL = 0.003021$$

$$BEC = 0.004098$$

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	138.90	0.0000	P	11.5
2	☐	0.100					
3	☐	1.000	0.444	8872.78	0.0021	P	2.3
4	☐	50.000	48.185	971357.60	0.2213	P	0.3
5	☐	125.000	120.067	2408979.22	0.5515	P	0.5
6	☐	250.000	243.470	4812117.34	1.1183	A	0.5
7	☐	500.000	489.807	9523694.40	2.2496	A	0.2
8	☐	1000.000	1007.437	18767745.04	4.6270	A	1.3
9	☐			4751.07	0.0014	P	15.5

$$y = 0.0046 * x + 3.2291E-005$$

$$R = 0.9999$$

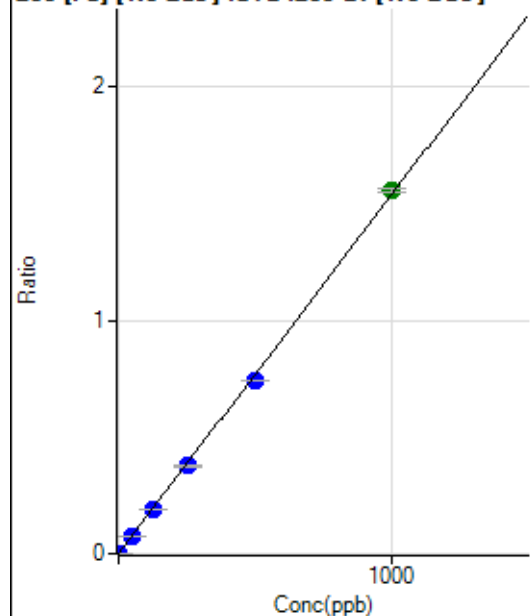
$$DL = 0.002424$$

$$BEC = 0.007031$$

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	283.34	0.0001	P	6.2
2	☐	0.100					
3	☐	1.000	0.894	6175.70	0.0014	P	3.4
4	☐	50.000	49.107	331839.42	0.0756	P	0.2
5	☐	125.000	123.200	828228.75	0.1896	P	0.2
6	☐	250.000	244.073	1616128.31	0.3756	P	0.5
7	☐	500.000	481.512	3136336.21	0.7409	P	0.1
8	☐	1000.000	1010.995	6309173.06	1.5554	A	0.9
9	☐			7039.10	0.0020	P	1.9

$$y = 0.0015 * x + 6.5949E-005$$

$$R = 0.9997$$

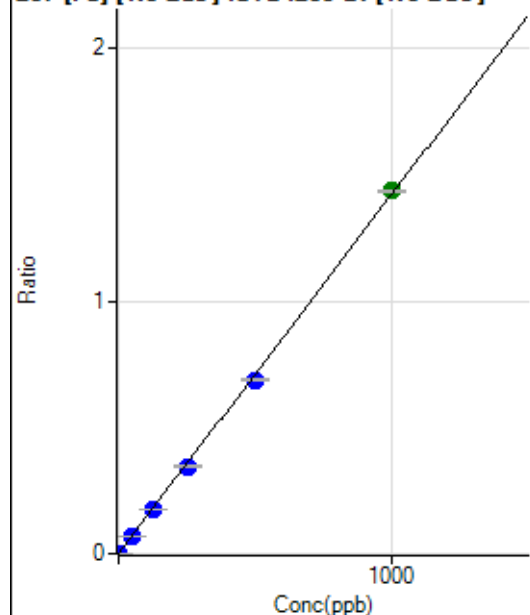
$$DL = 0.007995$$

$$BEC = 0.04287$$

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	246.31	0.0001	P	7.7
2	☐	0.100					
3	☐	1.000	0.870	5545.76	0.0013	P	1.8
4	☐	50.000	48.572	303405.60	0.0691	P	0.6
5	☐	125.000	122.193	759365.70	0.1738	P	0.7
6	☐	250.000	243.636	1491305.86	0.3466	P	0.5
7	☐	500.000	483.196	2909343.99	0.6873	P	0.8
8	☐	1000.000	1010.416	5829063.85	1.4371	A	0.7
9	☐			5884.79	0.0017	P	2.0

$$y = 0.0014 * x + 5.7280E-005$$

$$R = 0.9998$$

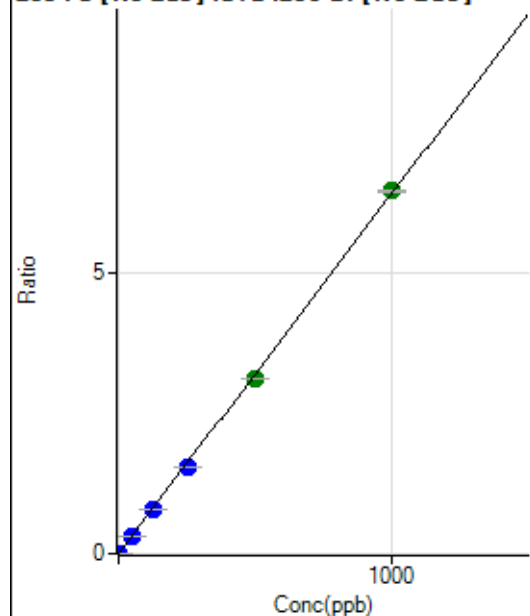
$$DL = 0.009358$$

$$BEC = 0.04028$$

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	1194.50	0.0003	P	10.4
2	☐	0.100					
3	☐	1.000	0.899	25786.64	0.0060	P	1.4
4	☐	50.000	48.624	1364729.73	0.3110	P	0.1
5	☐	125.000	121.756	3399661.77	0.7783	P	0.5
6	☐	250.000	241.823	6650594.12	1.5455	P	0.2
7	☐	500.000	487.775	13195637.53	3.1171	A	0.4
8	☐	1000.000	1008.631	26143452.38	6.4452	A	0.7
9	☐			27482.21	0.0078	P	1.0

$$y = 0.0064 * x + 2.7770E-004$$

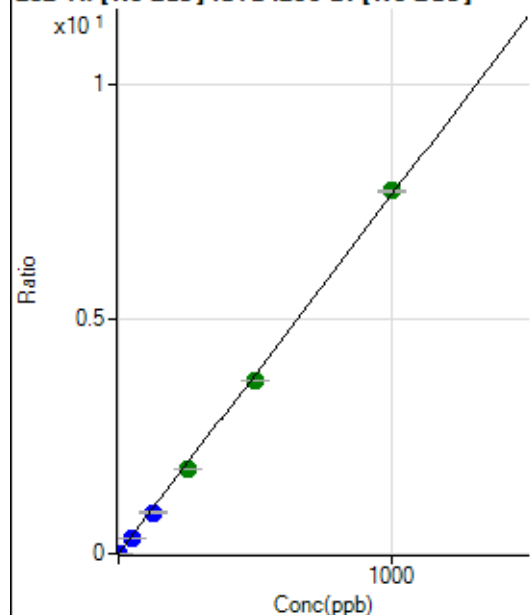
$$R = 0.9999$$

$$DL = 0.01362$$

$$BEC = 0.04346$$

Weight: <None>

Min Conc: 0

232 Th [No Gas] ISTD :209 Bi [No Gas]

	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	55.56	0.0000	P	9.0
2	☐	0.100					
3	☐	1.000	0.792	25996.60	0.0061	P	0.9
4	☐	50.000	45.454	1525282.99	0.3476	P	0.4
5	☐	125.000	114.919	3838471.21	0.8787	P	0.8
6	☐	250.000	237.867	7826865.16	1.8188	A	0.4
7	☐	500.000	485.200	15705962.04	3.7100	A	0.0
8	☐	1000.000	1011.921	31384975.47	7.7375	A	0.8
9	☐			6149.77	0.0017	P	11.1

$$y = 0.0076 * x + 1.2917E-005$$

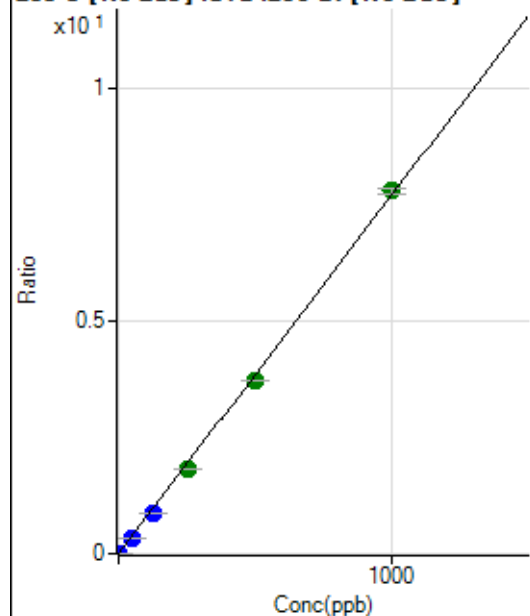
$$R = 0.9997$$

$$DL = 0.0004548$$

$$BEC = 0.001689$$

Weight: <None>

Min Conc: 0

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

	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	61.11	0.0000	P	14.9
2	☐	0.100					
3	☐	1.000	0.824	27223.73	0.0064	P	1.2
4	☐	50.000	45.311	1530076.04	0.3487	P	0.7
5	☐	125.000	114.528	3849476.82	0.8812	P	0.6
6	☐	250.000	236.983	7846805.82	1.8235	A	0.4
7	☐	500.000	484.662	15787177.44	3.7292	A	0.3
8	☐	1000.000	1012.467	31597703.14	7.7904	A	1.7
9	☐			3403.39	0.0010	P	8.8

$$y = 0.0077 * x + 1.4205E-005$$

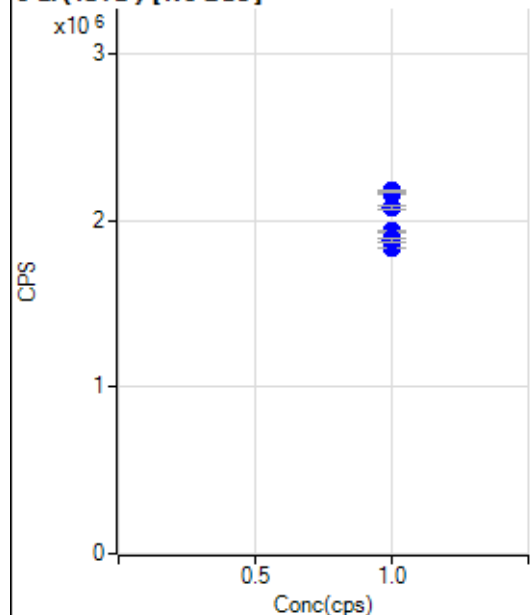
$$R = 0.9997$$

$$DL = 0.0008263$$

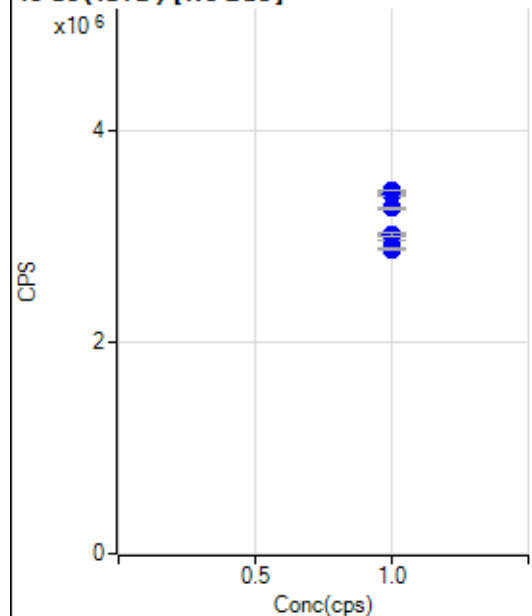
$$BEC = 0.001846$$

Weight: <None>

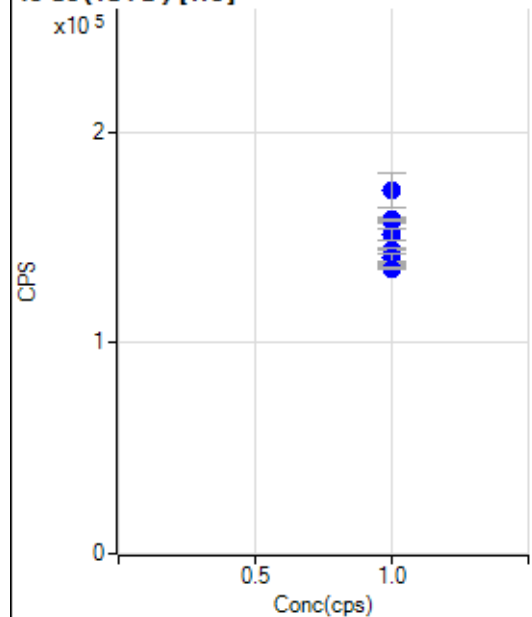
Min Conc: 0

6 Li (ISTD) [No Gas]

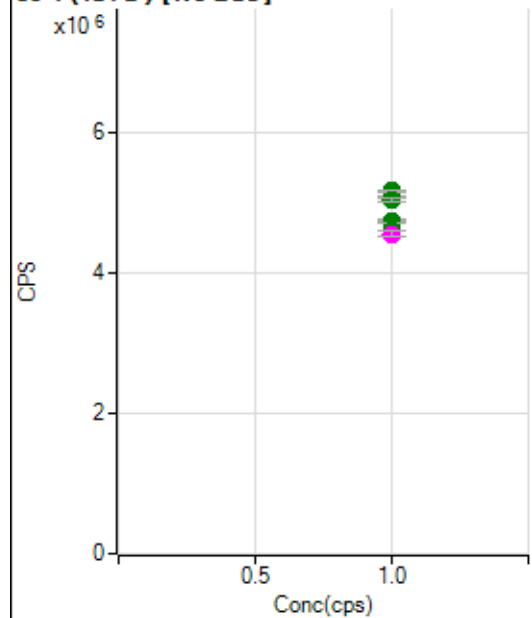
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		2164145.95		P	0.8
2	☐	1.000					
3	☐	1.000		2177443.25		P	0.7
4	☐	1.000		2179339.83		P	0.3
5	☐	1.000		2082024.43		P	0.8
6	☐	1.000		1936075.13		P	0.3
7	☐	1.000		1894523.24		P	0.2
8	☐	1.000		1835575.96		P	0.5
9	☐	1.000		1884861.33		P	1.2

45 Sc (ISTD) [No Gas]

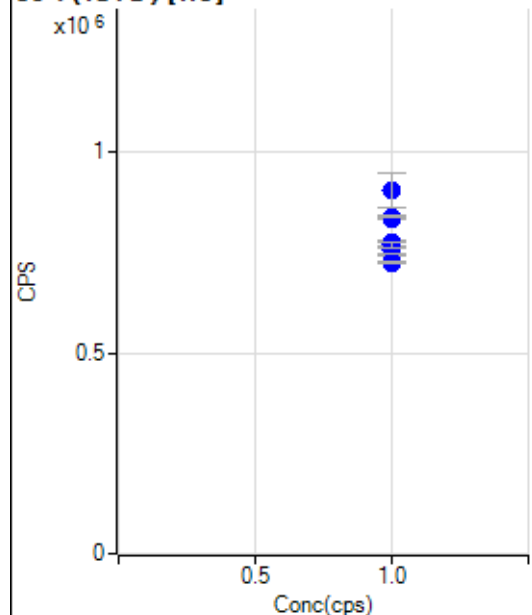
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		3416126.34		P	1.0
2	☐	1.000					
3	☐	1.000		3391142.48		P	1.0
4	☐	1.000		3426691.01		P	0.1
5	☐	1.000		3263303.91		P	0.9
6	☐	1.000		3021910.40		P	0.7
7	☐	1.000		2961608.64		P	0.3
8	☐	1.000		2878028.39		P	0.4
9	☐	1.000		3015922.90		P	1.6

45 Sc (ISTD) [He]

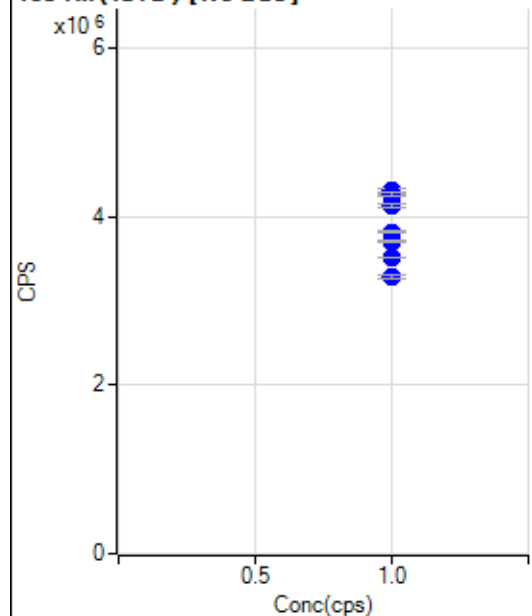
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		158245.61		P	1.6
2	☐	1.000					
3	☐	1.000		172165.03		P	9.7
4	☐	1.000		158402.54		P	0.2
5	☐	1.000		144461.67		P	0.9
6	☐	1.000		137521.63		P	0.5
7	☐	1.000		140545.35		P	2.1
8	☐	1.000		135157.24		P	0.7
9	☐	1.000		151285.56		P	3.4

89 Y (ISTD) [No Gas]

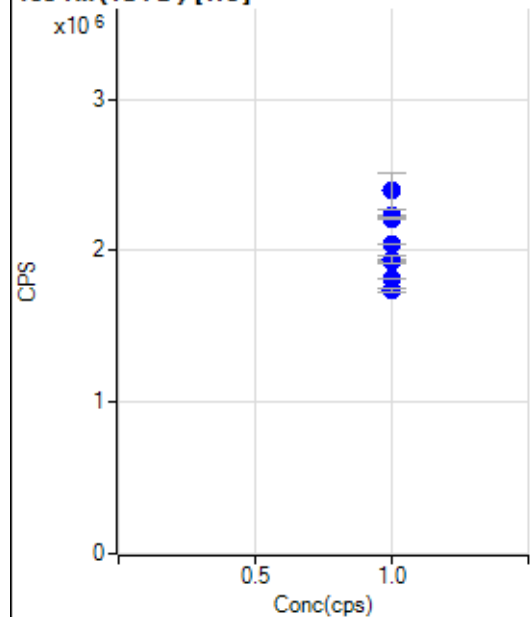
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		5165453.88		A	0.5
2	☐	1.000					
3	☐	1.000		5092127.39		A	0.7
4	☐	1.000		5176456.69		A	0.2
5	☐	1.000		5045862.84		A	0.7
6	☐	1.000		4756123.09		A	0.3
7	☐	1.000		4716391.60		A	0.4
8	☐	1.000		4615532.29		A	0.0
9	☐	1.000		4567952.22		M	2.1

89 Y (ISTD) [He]

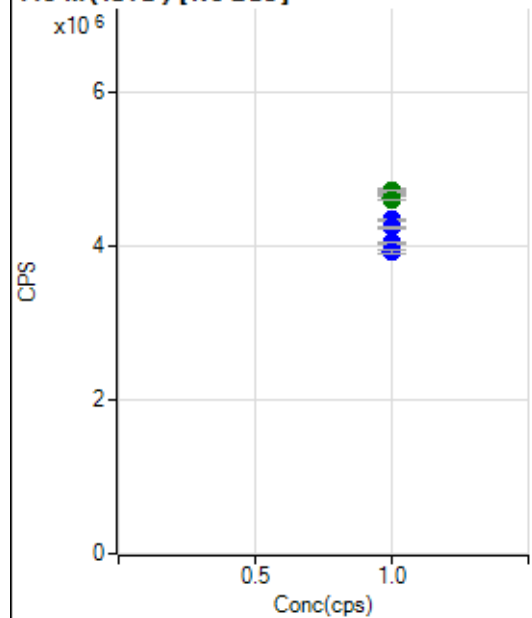
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		833436.78		P	0.6
2	☐	1.000					
3	☐	1.000		903589.00		P	9.7
4	☐	1.000		839439.83		P	0.7
5	☐	1.000		777543.05		P	1.0
6	☐	1.000		745478.96		P	0.9
7	☐	1.000		756576.32		P	2.2
8	☐	1.000		724897.65		P	0.7
9	☐	1.000		768839.53		P	1.8

103 Rh (ISTD) [No Gas]

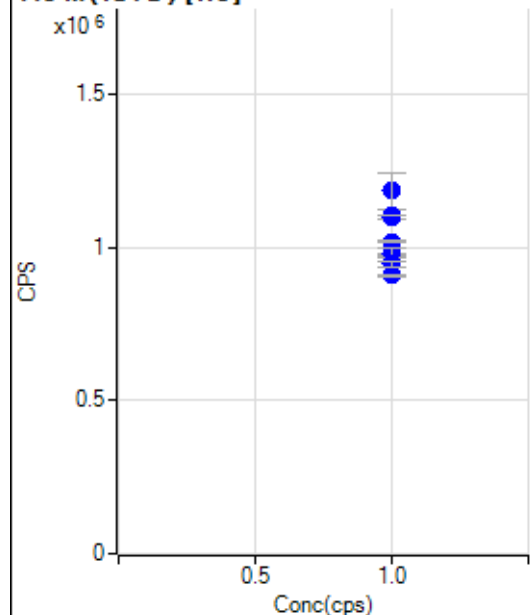
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		4307433.08		P	1.2
2	☐	1.000					
3	☐	1.000		4256711.29		P	0.5
4	☐	1.000		4268030.56		P	0.6
5	☐	1.000		4129606.08		P	0.9
6	☐	1.000		3823913.41		P	0.4
7	☐	1.000		3703823.52		P	0.4
8	☐	1.000		3513099.17		P	0.4
9	☐	1.000		3286870.90		P	1.2

103 Rh (ISTD) [He]

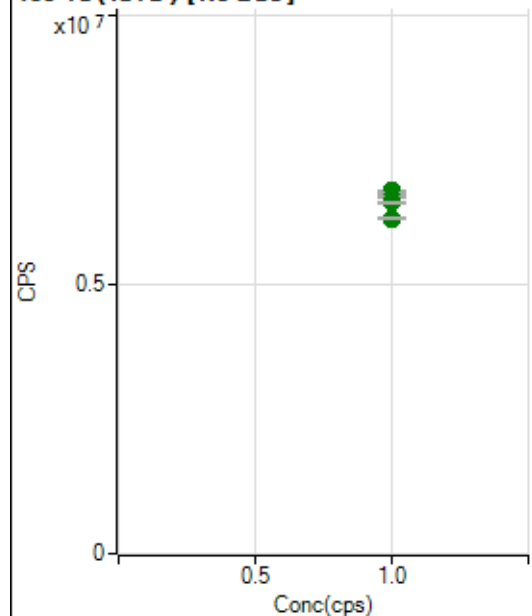
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		2226554.66		P	0.8
2	☐	1.000					
3	☐	1.000		2393256.60		P	9.9
4	☐	1.000		2211224.57		P	0.7
5	☐	1.000		2044383.30		P	0.4
6	☐	1.000		1933078.30		P	0.5
7	☐	1.000		1940096.97		P	2.3
8	☐	1.000		1811814.05		P	0.5
9	☐	1.000		1738710.30		P	1.6

115 In (ISTD) [No Gas]

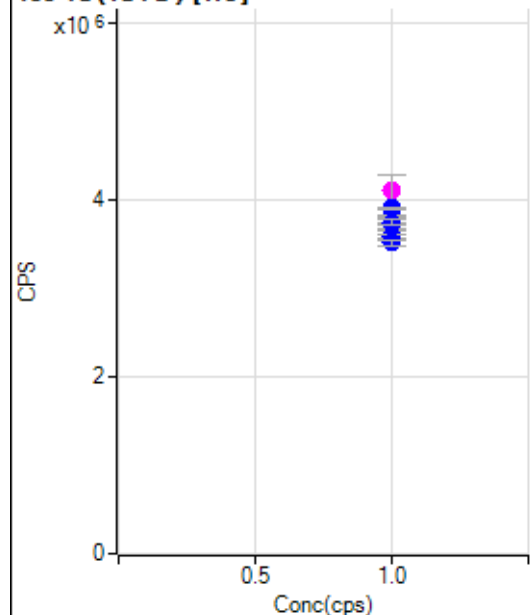
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		4709739.93		M	1.3
2	☐	1.000					
3	☐	1.000		4616331.25		A	0.7
4	☐	1.000		4708496.16		A	0.5
5	☐	1.000		4596809.04		A	0.3
6	☐	1.000		4335324.22		P	0.5
7	☐	1.000		4235285.84		P	0.3
8	☐	1.000		4032405.98		P	0.2
9	☐	1.000		3915404.61		P	1.0

115 In (ISTD) [He]

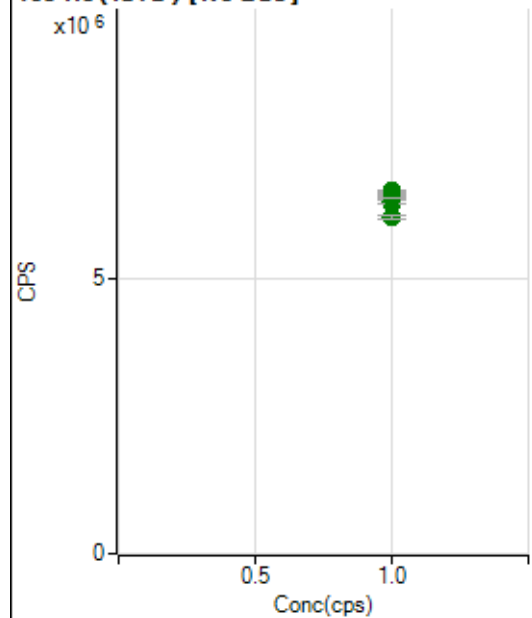
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		1100583.67		P	1.1
2	☐	1.000					
3	☐	1.000		1184245.32		P	10.2
4	☐	1.000		1104196.01		P	0.5
5	☐	1.000		1019198.80		P	1.0
6	☐	1.000		974961.33		P	0.6
7	☐	1.000		981015.37		P	2.9
8	☐	1.000		907353.22		P	0.5
9	☐	1.000		945137.74		P	2.0

159 Tb (ISTD) [No Gas]

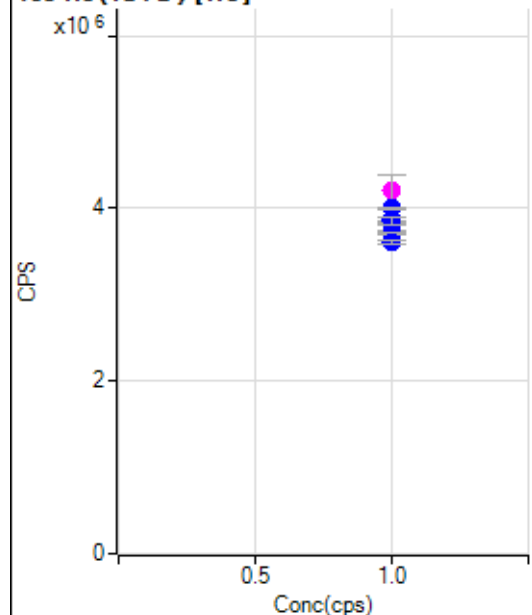
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		6601479.97		A	0.5
2	☐	1.000					
3	☐	1.000		6525023.51		A	0.7
4	☐	1.000		6734212.95		A	0.4
5	☐	1.000		6689087.33		A	0.4
6	☐	1.000		6599425.74		A	0.1
7	☐	1.000		6608382.96		A	0.4
8	☐	1.000		6518853.03		A	0.5
9	☐	1.000		6218451.02		A	0.6

159 Tb (ISTD) [He]

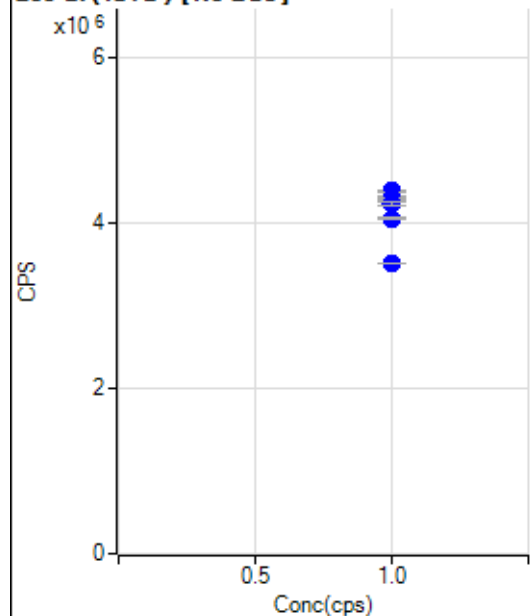
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		3811369.56		P	1.0
2	☐	1.000					
3	☐	1.000		4098809.97		M	9.2
4	☐	1.000		3901424.18		P	0.5
5	☐	1.000		3727810.67		P	0.7
6	☐	1.000		3653362.48		P	0.8
7	☐	1.000		3743294.81		P	1.8
8	☐	1.000		3590858.84		P	1.0
9	☐	1.000		3509976.34		P	1.9

165 Ho (ISTD) [No Gas]

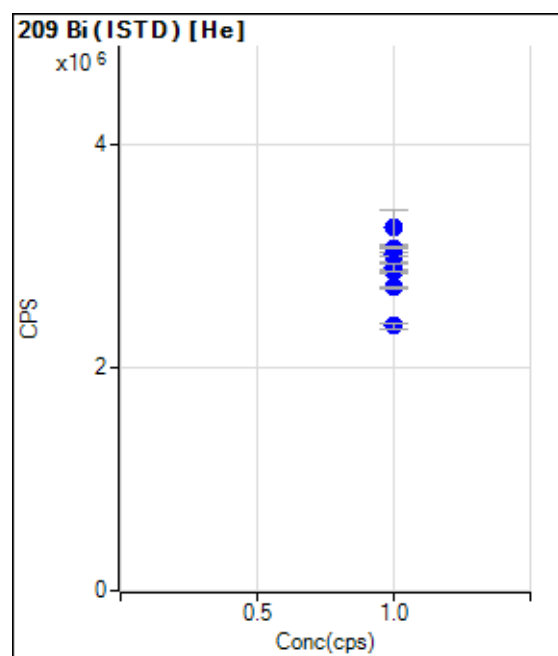
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		6414859.30		A	0.7
2	☐	1.000					
3	☐	1.000		6378051.01		A	0.3
4	☐	1.000		6615712.47		A	0.4
5	☐	1.000		6604964.16		A	0.3
6	☐	1.000		6503956.70		A	0.6
7	☐	1.000		6540525.75		A	0.7
8	☐	1.000		6477021.54		A	0.2
9	☐	1.000		6136597.40		A	0.7

165 Ho (ISTD) [He]

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		3878453.49		P	0.9
2	☐	1.000					
3	☐	1.000		4204248.24		M	9.3
4	☐	1.000		4002005.29		P	0.7
5	☐	1.000		3820530.60		P	0.4
6	☐	1.000		3742915.32		P	0.6
7	☐	1.000		3858491.16		P	2.2
8	☐	1.000		3702252.72		P	0.7
9	☐	1.000		3603458.87		P	1.4

209 Bi (ISTD) [No Gas]

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		4298233.79		P	1.0
2	☐	1.000					
3	☐	1.000		4284402.65		P	0.7
4	☐	1.000		4388513.72		P	0.3
5	☐	1.000		4368228.37		P	0.3
6	☐	1.000		4303250.35		P	0.2
7	☐	1.000		4233412.16		P	0.6
8	☐	1.000		4056436.33		P	1.0
9	☐	1.000		3516299.39		P	0.4



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		3019294.16		P	1.2
2	☐	1.000					
3	☐	1.000		3250400.30		P	9.4
4	☐	1.000		3072960.68		P	0.9
5	☐	1.000		2936072.60		P	0.4
6	☐	1.000		2858981.04		P	0.9
7	☐	1.000		2899760.48		P	2.5
8	☐	1.000		2715040.98		P	0.7
9	☐	1.000		2369544.79		P	1.8

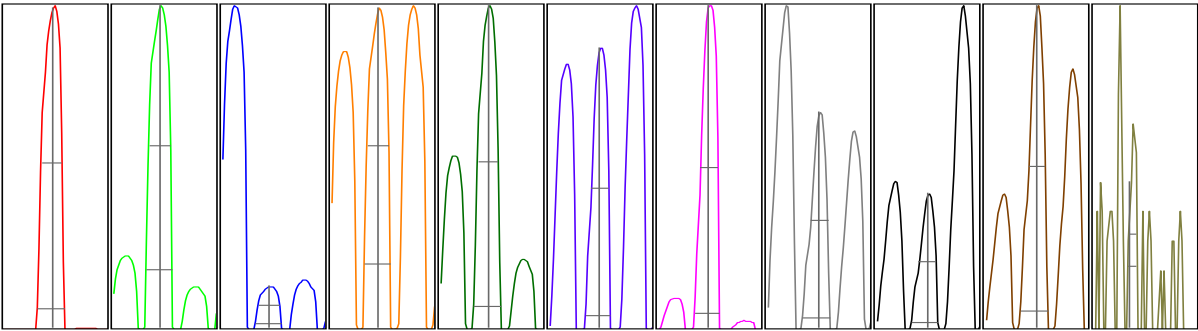
US EPA Tune Check Sample Report

Batch Folder D:\ICP-MS Data\P7051319MS.b
Report Comment
Instrument Name G8403A JP14410463

[No Gas]				
Mass	Count	RSD%	RSD%	RSD%
	(Mean)	(Actual)	(Required)	(Flag)
9	10244	0.78	5.00	
24	180513	0.53	5.00	
25	24500	0.61	5.00	
26	27884	0.70	5.00	
59	60877	0.44	5.00	
113	8194	0.39	5.00	
115	97760	0.49	5.00	
206	25545	0.79	5.00	
207	23518	0.63	5.00	
208	55705	0.79	5.00	
220	0	88.55		

Mass	Replicate 1	Replicate 2	Replicate 3	Replicate 4	Replicate 5
	Count	Count	Count	Count	Count
9	10316	10341	10157	10202	10202
24	181762	181044	179267	180454	180036
25	24680	24589	24296	24418	24518
26	28078	28094	27655	27824	27771
59	61033	61237	60576	60867	60674
113	8154	8239	8210	8188	8180
115	97683	97880	97014	97882	98343
206	25214	25563	25570	25615	25762
207	23297	23474	23570	23544	23703
208	55081	55781	55480	55963	56220
220	0	0	0	0	0

Integration Time [sec] = 0.1



Mass	Peak	Axis	Axis	Axis	Width-X%	Width-X%	Width-
	Height	(Actual)	(Required)	(Flag)	(Actual)	(Required)	X% (Flag)
9	17560	8.95	8.9 - 9.1		0.786	0.900	
24	296472	23.90	23.9 - 24.1		0.751	0.900	
25	39375	24.90	24.9 - 25.1		0.752	0.900	
26	45514	25.90	25.9 - 26.1		0.748	0.900	
59	106209	58.95	58.9 - 59.1		0.789	0.900	
113	15783	113.00	112.9 - 113.1		0.719	0.900	
115	186878	115.00	114.9 - 115.1		0.722	0.900	
206	50697	206.05	205.9 - 206.1		0.800	0.900	
207	46423	207.05	206.9 - 207.1		0.761	0.900	
208	110829	208.05	207.9 - 208.1		0.805	0.900	
220	0	219.60	-		0.246		

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

Tune Parameters

Plasma Paramters

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

Lenses Parameters

ParameterName	Value	Unit	ParameterName	Value	Unit	ParameterName	Value	Unit
Extract 1	0.0	V	Omega Lens	8.0	V	Deflect	13.2	V
Extract 2	-95.0	V	Cell Entrance	-30	V	Plate Bias	-35	V
Omega Bias	-55	V	Cell Exit	-50	V			

Cell Parameters

ParameterName	Value	Unit	ParameterName	Value	Unit	ParameterName	Value	Unit
Use Gas	No		OctP Bias	-8.0	V	Energy Discrimination	5.0	V
He Flow	0.0	mL/min	OctP RF	160	V			

[He]

Mass	Count	RSD%	RSD%
	(Mean)	(Actual)	(Required)
59	15210	0.31	
89	64526	0.33	
205	26915	0.38	

Mass	Replicate 1	Replicate 2	Replicate 3	Replicate 4	Replicate 5
	Count	Count	Count	Count	Count
59	15227	15181	15192	15285	15165
89	64483	64832	64487	64588	64239
205	26772	26966	27033	26948	26854

Integration Time [sec] = 0.1

Tune Parameters

Plasma Paramters

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

Lenses Parameters

ParameterName	Value	Unit	ParameterName	Value	Unit	ParameterName	Value	Unit
Extract 1	0.0	V	Omega Lens	8.6	V	Deflect	1.8	V
Extract 2	-100.0	V	Cell Entrance	-40	V	Plate Bias	-60	V
Omega Bias	-55	V	Cell Exit	-60	V			

Cell Parameters

ParameterName	Value	Unit	ParameterName	Value	Unit	ParameterName	Value	Unit
Use Gas	Yes		OctP Bias	-18.0	V	Energy Discrimination	5.0	V
He Flow	4.1	mL/min	OctP RF	200	V			

LB Number :	LB102728	Operator :	Jaswal
Lab Sample ID :	S0	Instrumnet Name :	P7
Client Sample ID :	S0	Dilution Factor :	1
Date & Time Acquired ::	2019-05-13 12:39:41	DataFile Name :	003CALB.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	0.08	-0.41	0.33	0.00	N/A	ppb
Antimony	121-1	0.00	0.00	0.00	0.00	N/A	ppb
Arsenic	75-2	-0.01	-0.02	0.03	0.00	N/A	ppb
Barium	135-1	-0.01	0.01	0.00	0.00	N/A	ppb
Barium	137-1	0.00	0.01	0.00	0.00	N/A	ppb
Beryllium	9-1	0.00	0.00	0.00	0.00	N/A	ppb
Bismuth	209-1				100		%
Bismuth	209-2				100		%
Boron	10-1	0.16	-0.14	-0.01	0.00	N/A	ppb
Boron	11-1	-0.01	-0.01	0.02	0.00	N/A	ppb
Cadmium	111-1	-0.01	0.04	-0.03	0.00	N/A	ppb
Cadmium	106-1	-0.08	0.48	-0.41	0.00	N/A	ppb
Cadmium	108-1	0.03	0.00	-0.03	0.00	N/A	ppb
Calcium	43-1	1.65	-0.97	-0.68	0.00	N/A	ppb
Calcium	44-1	0.05	-0.02	-0.03	0.00	N/A	ppb
Chromium	52-2	0.00	0.00	0.00	0.00	N/A	ppb
Cobalt	59-2	0.00	0.00	0.00	0.00	N/A	ppb
Copper	63-2	-0.01	0.00	0.02	0.00	N/A	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				100		%
Holmium	165-2				100		%
Indium	115-1				100		%
Indium	115-2				100		%
Iron	56-2	-0.08	-0.04	0.11	0.00	N/A	ppb
Iron	57-2	-0.08	0.10	-0.02	0.00	N/A	ppb
Krypton	83-1						cps
Lead	206-1	0.00	0.00	0.00	0.00	N/A	ppb
Lead	207-1	0.00	0.00	0.00	0.00	N/A	ppb
Lead	208-1	0.00	0.00	0.00	0.00	N/A	ppb
Lithium	6-1				100		%
Magnesium	24-2	-0.02	-0.03	0.05	0.00	N/A	ppb

LB Number :	LB102728	Operator :	Jaswal
Lab Sample ID :	S0	Instrumnet Name :	P7
Client Sample ID :	S0	Dilution Factor :	1
Date & Time Acquired ::	2019-05-13 12:39:41	DataFile Name :	003CALB.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	0.00	0.00	0.00	0.00	N/A	ppb
Molybdenum	94-1	0.00	-0.01	0.01	0.00	N/A	ppb
Molybdenum	95-1	0.00	0.00	0.00	0.00	N/A	ppb
Molybdenum	96-1	0.00	0.00	0.01	0.00	N/A	ppb
Molybdenum	97-1	0.01	0.00	0.00	0.00	N/A	ppb
Molybdenum	98-1	0.00	0.00	0.00	0.00	N/A	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	-0.01	0.01	0.00	0.00	N/A	ppb
Phosphorus	31-2	14.73	-6.53	-10.17	-0.65		ppb
Potassium	39-2	-0.04	0.17	-0.13	0.00	N/A	ppb
Rhodium	103-1				100		%
Rhodium	103-2				100		%
Scandium	45-1				100		%
Scandium	45-2				100		%
Selenium	77-2	0.00	0.00	0.00	0.00	N/A	ppb
Selenium	78-2	0.08	-0.08	0.00	0.00	N/A	ppb
Selenium	82-1	0.02	0.16	-0.18	0.00	N/A	ppb
Silicon	28-1	-0.03	-0.15	0.19	0.00	N/A	ppb
Silver	109-1	0.00	0.00	0.00	0.00	N/A	ppb
Silver	107-1	0.00	0.00	0.00	0.00	N/A	ppb
Sodium	23-2	-0.47	0.71	-0.24	0.00	N/A	ppb
Strontium	86-1	-0.04	0.03	0.01	0.00	N/A	ppb
Strontium	88-1	0.00	0.00	0.00	0.00	N/A	ppb
Sulfur	34-1	-24.51	128.03	65.55	56.35	136.07	ppb
Terbium	159-1				100		%
Terbium	159-2				100		%
Thallium	203-1	0.00	0.00	0.00	0.00	N/A	ppb
Thallium	205-1	0.00	0.00	0.00	0.00	N/A	ppb
Thorium	232-1	0.00	0.00	0.00	0.00	N/A	ppb
Tin	118-1	0.00	-0.01	0.01	0.00	N/A	ppb
Titanium	47-1	0.01	-0.01	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		%

LB Number :	LB102728	Operator :	Jaswal
Lab Sample ID :	S0	Instrumnet Name :	P7
Client Sample ID :	S0	Dilution Factor :	1
Date & Time Acquired ::	2019-05-13 12:39:41	DataFile Name :	003CALB.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zinc	66-2	-0.08	-0.02	0.10	0.00	N/A	ppb
Zirconium	90-1	0.00	0.00	0.00	0.00	N/A	ppb
Zirconium	91-1	-0.01	0.01	0.00	0.00	N/A	ppb

LB Number :	LB102728	Operator :	Jaswal
Lab Sample ID :	S2	Instrumnet Name :	P7
Client Sample ID :	S2	Dilution Factor :	1
Date & Time Acquired ::	2019-05-13 12:47:29	DataFile Name :	005CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	15.49	14.58	19.65	16.57	16.32	ppb
Antimony	121-1	0.93	0.99	0.97	0.97	3.16	ppb
Arsenic	75-2	0.87	1.09	0.90	0.95	12.31	ppb
Barium	135-1	9.64	10.34	10.37	10.11	4.06	ppb
Barium	137-1	10.03	10.47	10.34	10.28	2.18	ppb
Beryllium	9-1	0.95	0.97	0.96	0.96	0.86	ppb
Bismuth	209-1				100		%
Bismuth	209-2				108		%
Boron	10-1	4.65	5.20	5.44	5.10	7.94	ppb
Boron	11-1	5.05	5.19	5.27	5.17	2.14	ppb
Cadmium	111-1	0.30	0.42	0.47	0.40	21.22	ppb
Cadmium	106-1	0.19	0.74	1.73	0.89	87.74	ppb
Cadmium	108-1	0.61	0.39	0.42	0.48	24.97	ppb
Calcium	43-1	450.80	430.58	460.80	447.39	3.44	ppb
Calcium	44-1	442.03	445.74	450.81	446.19	0.99	ppb
Chromium	52-2	1.55	1.69	2.05	1.76	14.61	ppb
Cobalt	59-2	0.45	0.52	0.63	0.53	16.93	ppb
Copper	63-2	1.56	1.65	1.97	1.73	12.45	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				99		%
Holmium	165-2				108		%
Indium	115-1				98		%
Indium	115-2				108		%
Iron	56-2	86.01	91.09	107.70	94.93	11.95	ppb
Iron	57-2	84.19	94.56	107.60	95.45	12.29	ppb
Krypton	83-1						cps
Lead	206-1	0.86	0.92	0.90	0.89	3.57	ppb
Lead	207-1	0.86	0.89	0.86	0.87	1.93	ppb
Lead	208-1	0.88	0.91	0.91	0.90	1.50	ppb
Lithium	6-1				101		%
Magnesium	24-2	405.66	424.90	498.04	442.87	11.01	ppb

LB Number :	LB102728	Operator :	Jaswal
Lab Sample ID :	S2	Instrumnet Name :	P7
Client Sample ID :	S2	Dilution Factor :	1
Date & Time Acquired ::	2019-05-13 12:47:29	DataFile Name :	005CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	0.85	0.86	0.96	0.89	6.56	ppb
Molybdenum	94-1	4.91	5.05	5.19	5.05	2.76	ppb
Molybdenum	95-1	5.41	5.34	5.49	5.41	1.43	ppb
Molybdenum	96-1	5.17	5.19	5.34	5.23	1.73	ppb
Molybdenum	97-1	5.39	5.28	5.43	5.36	1.46	ppb
Molybdenum	98-1	5.35	5.36	5.34	5.35	0.21	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.90	0.96	1.06	0.98	8.51	ppb
Phosphorus	31-2	-0.58	9.63	-7.09	0.65	1286.99	ppb
Potassium	39-2	369.08	391.64	473.24	411.32	13.32	ppb
Rhodium	103-1				99		%
Rhodium	103-2				107		%
Scandium	45-1				99		%
Scandium	45-2				109		%
Selenium	77-2	4.80	4.70	4.92	4.81	2.36	ppb
Selenium	78-2	4.84	4.70	6.15	5.23	15.25	ppb
Selenium	82-1	5.64	5.01	5.29	5.31	5.97	ppb
Silicon	28-1	4.94	5.11	5.43	5.16	4.84	ppb
Silver	109-1	1.45	1.47	1.51	1.48	2.15	ppb
Silver	107-1	1.46	1.52	1.42	1.47	3.35	ppb
Sodium	23-2	399.72	420.98	484.54	435.08	10.14	ppb
Strontium	86-1	1.02	1.04	1.15	1.07	6.80	ppb
Strontium	88-1	1.01	1.04	1.04	1.03	1.82	ppb
Sulfur	34-1	-154.67	-47.47	33.07	-56.35		ppb
Terbium	159-1				99		%
Terbium	159-2				108		%
Thallium	203-1	0.41	0.42	0.41	0.41	1.60	ppb
Thallium	205-1	0.43	0.44	0.46	0.44	2.36	ppb
Thorium	232-1	0.78	0.79	0.80	0.79	0.94	ppb
Tin	118-1	5.52	5.69	5.66	5.62	1.55	ppb
Titanium	47-1	5.00	5.30	5.21	5.17	3.00	ppb
Uranium	238-1	0.82	0.81	0.83	0.82	1.22	ppb
Vanadium	51-2	4.35	4.75	5.22	4.77	9.18	ppb
Yttrium	89-1				99		%
Yttrium	89-2				108		%

LB Number :	LB102728	Operator :	Jaswal
Lab Sample ID :	S2	Instrumnet Name :	P7
Client Sample ID :	S2	Dilution Factor :	1
Date & Time Acquired ::	2019-05-13 12:47:29	DataFile Name :	005CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zinc	66-2	1.53	1.50	1.96	1.66	15.38	ppb
Zirconium	90-1	0.88	0.88	0.89	0.88	0.64	ppb
Zirconium	91-1	1.01	0.92	0.91	0.95	6.05	ppb

LB Number : LB102728 Operator : Jaswal
 Lab Sample ID : S3 Instrumnet Name : P7
 Client Sample ID : S3 Dilution Factor : 1
 Date & Time Acquired :: 2019-05-13 12:51:25 DataFile Name : 006CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	969.30	973.38	977.55	973.41	0.42	ppb
Antimony	121-1	53.67	53.40	53.53	53.53	0.25	ppb
Arsenic	75-2	52.76	52.73	52.88	52.79	0.16	ppb
Barium	135-1	266.14	264.24	260.63	263.67	1.06	ppb
Barium	137-1	265.81	264.89	260.60	263.77	1.05	ppb
Beryllium	9-1	53.99	53.00	53.25	53.41	0.97	ppb
Bismuth	209-1				102		%
Bismuth	209-2				102		%
Boron	10-1	51.43	51.09	52.60	51.71	1.54	ppb
Boron	11-1	50.61	50.54	51.47	50.87	1.02	ppb
Cadmium	111-1	53.30	53.62	53.14	53.35	0.46	ppb
Cadmium	106-1	50.01	51.23	51.35	50.86	1.46	ppb
Cadmium	108-1	52.72	54.68	54.37	53.92	1.95	ppb
Calcium	43-1	4853.50	4904.10	4810.91	4856.17	0.96	ppb
Calcium	44-1	4854.27	4876.85	4801.04	4844.05	0.80	ppb
Chromium	52-2	52.17	52.12	51.99	52.09	0.18	ppb
Cobalt	59-2	53.81	53.57	54.12	53.83	0.51	ppb
Copper	63-2	102.25	102.79	103.95	103.00	0.84	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				103		%
Holmium	165-2				103		%
Indium	115-1				100		%
Indium	115-2				100		%
Iron	56-2	2607.15	2610.42	2612.29	2609.95	0.10	ppb
Iron	57-2	2706.06	2668.60	2666.89	2680.52	0.83	ppb
Krypton	83-1						cps
Lead	206-1	48.99	49.21	49.13	49.11	0.23	ppb
Lead	207-1	48.44	48.36	48.92	48.57	0.62	ppb
Lead	208-1	48.55	48.69	48.63	48.62	0.15	ppb
Lithium	6-1				101		%
Magnesium	24-2	5099.89	5154.19	5100.33	5118.14	0.61	ppb

LB Number :	LB102728	Operator :	Jaswal
Lab Sample ID :	S3	Instrumnet Name :	P7
Client Sample ID :	S3	Dilution Factor :	1
Date & Time Acquired ::	2019-05-13 12:51:25	DataFile Name :	006CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	102.70	101.97	102.43	102.37	0.36	ppb
Molybdenum	94-1	253.01	254.99	251.56	253.19	0.68	ppb
Molybdenum	95-1	253.76	256.25	252.69	254.23	0.72	ppb
Molybdenum	96-1	252.38	255.64	250.99	253.00	0.94	ppb
Molybdenum	97-1	253.85	253.33	253.20	253.46	0.14	ppb
Molybdenum	98-1	252.48	251.77	249.69	251.31	0.58	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	55.09	55.18	54.52	54.93	0.65	ppb
Phosphorus	31-2	1024.97	1001.79	960.42	995.73	3.28	ppb
Potassium	39-2	2390.61	2414.07	2393.42	2399.37	0.53	ppb
Rhodium	103-1				99		%
Rhodium	103-2				99		%
Scandium	45-1				100		%
Scandium	45-2				100		%
Selenium	77-2	56.73	50.07	52.13	52.98	6.44	ppb
Selenium	78-2	56.66	52.35	52.09	53.70	4.78	ppb
Selenium	82-1	52.81	53.86	52.88	53.18	1.10	ppb
Silicon	28-1	48.55	49.39	48.73	48.89	0.91	ppb
Silver	109-1	54.98	53.50	53.37	53.95	1.67	ppb
Silver	107-1	54.60	54.21	53.69	54.17	0.84	ppb
Sodium	23-2	4971.77	4960.35	4908.95	4947.02	0.68	ppb
Strontium	86-1	51.49	51.26	51.19	51.31	0.31	ppb
Strontium	88-1	50.95	50.42	50.04	50.47	0.91	ppb
Sulfur	34-1	664.86	549.76	553.73	589.45	11.08	ppb
Terbium	159-1				102		%
Terbium	159-2				102		%
Thallium	203-1	48.51	48.14	48.18	48.28	0.43	ppb
Thallium	205-1	48.14	48.09	48.33	48.19	0.26	ppb
Thorium	232-1	45.62	45.28	45.46	45.45	0.38	ppb
Tin	118-1	53.96	52.91	53.00	53.29	1.09	ppb
Titanium	47-1	253.51	252.38	251.00	252.30	0.50	ppb
Uranium	238-1	45.54	45.44	44.96	45.31	0.69	ppb
Vanadium	51-2	50.97	51.75	51.42	51.38	0.76	ppb
Yttrium	89-1				100		%
Yttrium	89-2				101		%

LB Number :	LB102728	Operator :	Jaswal
Lab Sample ID :	S3	Instrumnet Name :	P7
Client Sample ID :	S3	Dilution Factor :	1
Date & Time Acquired ::	2019-05-13 12:51:25	DataFile Name :	006CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zinc	66-2	101.83	102.74	100.15	101.57	1.30	ppb
Zirconium	90-1	49.78	50.14	49.60	49.84	0.56	ppb
Zirconium	91-1	52.31	51.91	51.55	51.92	0.73	ppb

LB Number :	LB102728	Operator :	Jaswal
Lab Sample ID :	S4	Instrumnet Name :	P7
Client Sample ID :	S4	Dilution Factor :	1
Date & Time Acquired ::	2019-05-13 12:55:22	DataFile Name :	007CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	2451.45	2468.04	2454.05	2457.85	0.36	ppb
Antimony	121-1	133.40	133.05	131.35	132.60	0.83	ppb
Arsenic	75-2	129.47	129.63	132.07	130.39	1.12	ppb
Barium	135-1	655.70	652.54	647.51	651.92	0.63	ppb
Barium	137-1	656.12	650.94	645.92	650.99	0.78	ppb
Beryllium	9-1	132.09	134.09	131.65	132.61	0.98	ppb
Bismuth	209-1				102		%
Bismuth	209-2				97		%
Boron	10-1	125.03	130.23	126.32	127.19	2.13	ppb
Boron	11-1	125.29	124.79	126.86	125.65	0.86	ppb
Cadmium	111-1	132.56	130.53	129.64	130.91	1.14	ppb
Cadmium	106-1	132.53	130.73	129.69	130.98	1.10	ppb
Cadmium	108-1	133.42	131.21	131.32	131.98	0.94	ppb
Calcium	43-1	12295.91	12283.54	12237.30	12272.25	0.25	ppb
Calcium	44-1	12183.27	12170.47	12163.81	12172.52	0.08	ppb
Chromium	52-2	131.65	131.35	131.80	131.60	0.17	ppb
Cobalt	59-2	134.62	134.84	136.64	135.37	0.82	ppb
Copper	63-2	258.12	256.64	260.58	258.45	0.77	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				103		%
Holmium	165-2				99		%
Indium	115-1				98		%
Indium	115-2				93		%
Iron	56-2	6714.25	6662.27	6691.22	6689.25	0.39	ppb
Iron	57-2	6803.31	6798.27	6833.29	6811.62	0.28	ppb
Krypton	83-1						cps
Lead	206-1	123.35	123.31	122.94	123.20	0.19	ppb
Lead	207-1	121.62	123.25	121.71	122.19	0.75	ppb
Lead	208-1	121.84	122.31	121.12	121.76	0.49	ppb
Lithium	6-1				96		%
Magnesium	24-2	12912.03	12897.09	12876.38	12895.17	0.14	ppb

LB Number :	LB102728	Operator :	Jaswal
Lab Sample ID :	S4	Instrumnet Name :	P7
Client Sample ID :	S4	Dilution Factor :	1
Date & Time Acquired ::	2019-05-13 12:55:22	DataFile Name :	007CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	262.43	261.33	261.98	261.91	0.21	ppb
Molybdenum	94-1	635.54	624.89	629.80	630.08	0.85	ppb
Molybdenum	95-1	631.19	629.03	631.91	630.71	0.24	ppb
Molybdenum	96-1	627.80	627.28	630.43	628.51	0.27	ppb
Molybdenum	97-1	629.59	627.55	630.13	629.09	0.22	ppb
Molybdenum	98-1	621.26	617.69	621.92	620.29	0.37	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	135.85	136.30	136.73	136.29	0.32	ppb
Phosphorus	31-2	2792.94	2605.19	2613.19	2670.44	3.98	ppb
Potassium	39-2	6114.88	6072.44	6081.85	6089.72	0.37	ppb
Rhodium	103-1				96		%
Rhodium	103-2				92		%
Scandium	45-1				96		%
Scandium	45-2				91		%
Selenium	77-2	145.84	138.44	148.19	144.15	3.53	ppb
Selenium	78-2	132.21	139.13	126.24	132.52	4.87	ppb
Selenium	82-1	134.08	134.30	132.14	133.51	0.89	ppb
Silicon	28-1	124.56	125.84	126.92	125.77	0.94	ppb
Silver	109-1	130.98	131.96	129.72	130.89	0.86	ppb
Silver	107-1	132.02	130.32	130.34	130.89	0.74	ppb
Sodium	23-2	12497.72	12495.29	12515.05	12502.69	0.09	ppb
Strontium	86-1	127.56	128.97	126.93	127.82	0.82	ppb
Strontium	88-1	125.99	125.91	125.18	125.69	0.36	ppb
Sulfur	34-1	2235.94	2033.67	2030.46	2100.02	5.61	ppb
Terbium	159-1				101		%
Terbium	159-2				98		%
Thallium	203-1	121.55	120.11	120.17	120.61	0.67	ppb
Thallium	205-1	120.35	120.41	119.43	120.07	0.46	ppb
Thorium	232-1	114.33	115.91	114.52	114.92	0.75	ppb
Tin	118-1	132.34	130.63	131.68	131.55	0.66	ppb
Titanium	47-1	633.55	632.57	632.75	632.96	0.08	ppb
Uranium	238-1	113.81	115.22	114.55	114.53	0.61	ppb
Vanadium	51-2	129.47	130.41	130.90	130.26	0.56	ppb
Yttrium	89-1				98		%
Yttrium	89-2				93		%

LB Number :	LB102728	Operator :	Jaswal
Lab Sample ID :	S4	Instrumnet Name :	P7
Client Sample ID :	S4	Dilution Factor :	1
Date & Time Acquired ::	2019-05-13 12:55:22	DataFile Name :	007CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zinc	66-2	255.70	253.94	257.45	255.69	0.69	ppb
Zirconium	90-1	125.30	124.55	124.58	124.81	0.34	ppb
Zirconium	91-1	129.85	129.34	130.15	129.78	0.32	ppb

LB Number :	LB102728	Operator :	Jaswal
Lab Sample ID :	S5	Instrumnet Name :	P7
Client Sample ID :	S5	Dilution Factor :	1
Date & Time Acquired ::	2019-05-13 12:59:13	DataFile Name :	008CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	4916.25	4864.35	4913.53	4898.04	0.60	ppb
Antimony	121-1	257.41	254.93	256.90	256.41	0.51	ppb
Arsenic	75-2	257.21	258.21	257.60	257.67	0.20	ppb
Barium	135-1	1261.76	1270.27	1270.37	1267.46	0.39	ppb
Barium	137-1	1248.65	1259.81	1260.70	1256.39	0.53	ppb
Beryllium	9-1	257.48	260.12	261.14	259.58	0.73	ppb
Bismuth	209-1				100		%
Bismuth	209-2				95		%
Boron	10-1	251.87	255.33	261.13	256.11	1.83	ppb
Boron	11-1	254.49	254.07	260.45	256.34	1.39	ppb
Cadmium	111-1	248.41	249.19	250.82	249.47	0.49	ppb
Cadmium	106-1	250.14	251.25	252.44	251.27	0.46	ppb
Cadmium	108-1	247.47	251.34	253.17	250.66	1.16	ppb
Calcium	43-1	24523.84	24731.19	24202.87	24485.97	1.09	ppb
Calcium	44-1	24141.93	24487.68	24220.80	24283.47	0.75	ppb
Chromium	52-2	260.93	259.44	261.04	260.47	0.34	ppb
Cobalt	59-2	266.19	263.32	264.66	264.73	0.54	ppb
Copper	63-2	503.44	501.68	503.39	502.84	0.20	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				101		%
Holmium	165-2				97		%
Indium	115-1				92		%
Indium	115-2				89		%
Iron	56-2	13332.61	13261.86	13267.24	13287.24	0.30	ppb
Iron	57-2	13559.86	13375.09	13586.31	13507.09	0.85	ppb
Krypton	83-1						cps
Lead	206-1	245.06	244.30	242.86	244.07	0.46	ppb
Lead	207-1	242.44	244.78	243.70	243.64	0.48	ppb
Lead	208-1	241.19	242.13	242.14	241.82	0.22	ppb
Lithium	6-1				89		%
Magnesium	24-2	25863.48	25665.47	25795.80	25774.91	0.39	ppb

LB Number :	LB102728	Operator :	Jaswal
Lab Sample ID :	S5	Instrumnet Name :	P7
Client Sample ID :	S5	Dilution Factor :	1
Date & Time Acquired ::	2019-05-13 12:59:13	DataFile Name :	008CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	518.70	518.30	521.54	519.51	0.34	ppb
Molybdenum	94-1	1244.69	1239.54	1251.47	1245.23	0.48	ppb
Molybdenum	95-1	1240.69	1243.74	1250.56	1245.00	0.41	ppb
Molybdenum	96-1	1256.06	1257.46	1263.65	1259.06	0.32	ppb
Molybdenum	97-1	1230.11	1236.25	1241.44	1235.93	0.46	ppb
Molybdenum	98-1	1249.84	1264.98	1262.14	1258.99	0.64	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	267.80	267.01	266.21	267.01	0.30	ppb
Phosphorus	31-2	5263.70	5173.04	5040.74	5159.16	2.17	ppb
Potassium	39-2	12003.04	11957.31	12064.92	12008.42	0.45	ppb
Rhodium	103-1				89		%
Rhodium	103-2				87		%
Scandium	45-1				88		%
Scandium	45-2				87		%
Selenium	77-2	287.12	260.26	248.13	265.17	7.52	ppb
Selenium	78-2	253.20	264.98	261.46	259.88	2.33	ppb
Selenium	82-1	262.93	266.29	263.40	264.21	0.69	ppb
Silicon	28-1	246.92	252.12	249.91	249.65	1.05	ppb
Silver	109-1	245.22	245.52	247.12	245.95	0.42	ppb
Silver	107-1	245.42	246.53	247.48	246.47	0.42	ppb
Sodium	23-2	25079.13	24864.09	25143.46	25028.89	0.58	ppb
Strontium	86-1	254.83	257.79	257.27	256.63	0.62	ppb
Strontium	88-1	250.85	252.75	252.85	252.15	0.45	ppb
Sulfur	34-1	4444.97	4516.34	4434.17	4465.16	1.00	ppb
Terbium	159-1				100		%
Terbium	159-2				96		%
Thallium	203-1	240.76	242.82	242.48	242.02	0.46	ppb
Thallium	205-1	242.90	244.95	242.56	243.47	0.53	ppb
Thorium	232-1	237.07	237.67	238.87	237.87	0.39	ppb
Tin	118-1	256.67	254.91	257.20	256.26	0.47	ppb
Titanium	47-1	1250.15	1268.73	1250.72	1256.53	0.84	ppb
Uranium	238-1	236.24	237.96	236.74	236.98	0.37	ppb
Vanadium	51-2	257.62	255.63	258.90	257.39	0.64	ppb
Yttrium	89-1				92		%
Yttrium	89-2				89		%

LB Number :	LB102728	Operator :	Jaswal
Lab Sample ID :	S5	Instrumnet Name :	P7
Client Sample ID :	S5	Dilution Factor :	1
Date & Time Acquired ::	2019-05-13 12:59:13	DataFile Name :	008CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zinc	66-2	505.72	501.70	504.75	504.06	0.42	ppb
Zirconium	90-1	246.11	247.15	247.52	246.93	0.30	ppb
Zirconium	91-1	256.57	257.62	257.73	257.31	0.25	ppb

LB Number :	LB102728	Operator :	Jaswal
Lab Sample ID :	S6	Instrumnet Name :	P7
Client Sample ID :	S6	Dilution Factor :	1
Date & Time Acquired ::	2019-05-13 13:03:03	DataFile Name :	009CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	9367.88	9204.21	8928.90	9166.99	2.42	ppb
Antimony	121-1	496.71	492.21	496.03	494.98	0.49	ppb
Arsenic	75-2	497.90	494.44	480.46	490.93	1.88	ppb
Barium	135-1	2446.82	2443.48	2460.93	2450.41	0.38	ppb
Barium	137-1	2506.40	2509.57	2511.25	2509.08	0.10	ppb
Beryllium	9-1	510.30	505.29	505.10	506.90	0.58	ppb
Bismuth	209-1				98		%
Bismuth	209-2				96		%
Boron	10-1	499.36	501.42	505.41	502.06	0.61	ppb
Boron	11-1	498.02	499.72	504.86	500.87	0.71	ppb
Cadmium	111-1	532.63	526.88	532.09	530.53	0.60	ppb
Cadmium	106-1	529.16	519.44	519.16	522.58	1.09	ppb
Cadmium	108-1	533.78	527.97	522.86	528.20	1.03	ppb
Calcium	43-1	48201.25	48137.41	48307.37	48215.34	0.18	ppb
Calcium	44-1	48215.12	48009.52	48034.14	48086.26	0.23	ppb
Chromium	52-2	498.44	486.64	477.53	487.54	2.15	ppb
Cobalt	59-2	505.81	492.90	485.00	494.57	2.12	ppb
Copper	63-2	1017.25	997.29	979.29	997.94	1.90	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				102		%
Holmium	165-2				99		%
Indium	115-1				90		%
Indium	115-2				89		%
Iron	56-2	25608.37	24967.48	24395.57	24990.47	2.43	ppb
Iron	57-2	25761.28	25257.34	24729.34	25249.32	2.04	ppb
Krypton	83-1						cps
Lead	206-1	481.16	481.21	482.16	481.51	0.12	ppb
Lead	207-1	484.61	478.74	486.24	483.20	0.82	ppb
Lead	208-1	488.51	485.39	489.43	487.77	0.43	ppb
Lithium	6-1				88		%
Magnesium	24-2	49758.71	48757.14	47407.87	48641.24	2.43	ppb

LB Number :	LB102728	Operator :	Jaswal
Lab Sample ID :	S6	Instrumnet Name :	P7
Client Sample ID :	S6	Dilution Factor :	1
Date & Time Acquired ::	2019-05-13 13:03:03	DataFile Name :	009CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	998.97	979.97	959.08	979.34	2.04	ppb
Molybdenum	94-1	2506.52	2486.55	2488.88	2493.98	0.44	ppb
Molybdenum	95-1	2514.18	2490.99	2492.27	2499.15	0.52	ppb
Molybdenum	96-1	2506.69	2485.51	2482.97	2491.72	0.52	ppb
Molybdenum	97-1	2519.15	2490.68	2482.65	2497.49	0.77	ppb
Molybdenum	98-1	2514.23	2481.64	2479.89	2491.92	0.78	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	508.88	496.03	480.87	495.26	2.83	ppb
Phosphorus	31-2	9998.14	9803.07	9259.38	9686.86	3.95	ppb
Potassium	39-2	23065.11	22689.36	22188.47	22647.64	1.94	ppb
Rhodium	103-1				86		%
Rhodium	103-2				87		%
Scandium	45-1				87		%
Scandium	45-2				89		%
Selenium	77-2	496.11	468.27	487.41	483.93	2.94	ppb
Selenium	78-2	501.75	496.25	490.61	496.20	1.12	ppb
Selenium	82-1	515.69	507.19	509.42	510.77	0.86	ppb
Silicon	28-1	489.47	496.15	499.05	494.89	0.99	ppb
Silver	109-1	506.63	505.01	506.76	506.14	0.19	ppb
Silver	107-1	506.31	503.69	504.37	504.79	0.27	ppb
Sodium	23-2	48719.40	47752.20	46566.07	47679.22	2.26	ppb
Strontium	86-1	506.91	504.66	502.89	504.82	0.40	ppb
Strontium	88-1	499.97	497.20	498.78	498.65	0.28	ppb
Sulfur	34-1	9831.66	9615.70	9570.18	9672.51	1.44	ppb
Terbium	159-1				100		%
Terbium	159-2				98		%
Thallium	203-1	481.14	479.16	479.17	479.82	0.24	ppb
Thallium	205-1	488.70	489.75	490.97	489.81	0.23	ppb
Thorium	232-1	485.15	485.20	485.25	485.20	0.01	ppb
Tin	118-1	495.96	493.37	495.95	495.09	0.30	ppb
Titanium	47-1	2486.02	2466.91	2469.49	2474.14	0.42	ppb
Uranium	238-1	484.76	483.06	486.16	484.66	0.32	ppb
Vanadium	51-2	495.68	485.28	474.32	485.09	2.20	ppb
Yttrium	89-1				91		%
Yttrium	89-2				91		%

LB Number :	LB102728	Operator :	Jaswal
Lab Sample ID :	S6	Instrumnet Name :	P7
Client Sample ID :	S6	Dilution Factor :	1
Date & Time Acquired ::	2019-05-13 13:03:03	DataFile Name :	009CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zinc	66-2	1020.25	1004.64	988.13	1004.34	1.60	ppb
Zirconium	90-1	501.30	500.07	498.42	499.93	0.29	ppb
Zirconium	91-1	506.80	504.53	498.95	503.42	0.80	ppb

LB Number : LB102728 Operator : Jaswal
 Lab Sample ID : S7 Instrumnet Name : P7
 Client Sample ID : S7 Dilution Factor : 1
 Date & Time Acquired :: 2019-05-13 13:06:50 DataFile Name : 010CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	19077.60	19005.65	19150.77	19078.01	0.38	ppb
Antimony	121-1	993.47	1008.22	997.65	999.78	0.76	ppb
Arsenic	75-2	995.83	1005.69	1003.88	1001.80	0.52	ppb
Barium	135-1	4981.81	5042.56	5024.77	5016.38	0.62	ppb
Barium	137-1	4943.97	5038.76	4987.04	4989.93	0.95	ppb
Beryllium	9-1	989.62	995.94	993.54	993.03	0.32	ppb
Bismuth	209-1				94		%
Bismuth	209-2				90		%
Boron	10-1	981.45	1008.06	1003.23	997.58	1.42	ppb
Boron	11-1	984.46	1002.75	1007.85	998.35	1.23	ppb
Cadmium	111-1	985.28	984.17	982.42	983.96	0.15	ppb
Cadmium	106-1	991.25	998.55	972.99	987.60	1.33	ppb
Cadmium	108-1	986.68	996.31	971.01	984.67	1.30	ppb
Calcium	43-1	96145.83	96614.71	96746.90	96502.48	0.33	ppb
Calcium	44-1	96556.34	97172.38	97002.08	96910.26	0.33	ppb
Chromium	52-2	1000.60	999.22	1008.23	1002.69	0.48	ppb
Cobalt	59-2	995.59	991.23	1005.82	997.55	0.75	ppb
Copper	63-2	1993.27	1992.55	2011.53	1999.11	0.54	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				101		%
Holmium	165-2				95		%
Indium	115-1				86		%
Indium	115-2				82		%
Iron	56-2	51785.60	51183.02	51363.57	51444.06	0.60	ppb
Iron	57-2	51657.41	51189.60	51822.42	51556.48	0.64	ppb
Krypton	83-1						cps
Lead	206-1	1001.45	1011.10	1020.44	1011.00	0.94	ppb
Lead	207-1	1002.79	1011.77	1016.68	1010.42	0.70	ppb
Lead	208-1	1001.38	1008.51	1016.00	1008.63	0.72	ppb
Lithium	6-1				85		%
Magnesium	24-2	101052.50	100425.03	101230.10	100902.54	0.42	ppb

LB Number :	LB102728	Operator :	Jaswal
Lab Sample ID :	S7	Instrumnet Name :	P7
Client Sample ID :	S7	Dilution Factor :	1
Date & Time Acquired ::	2019-05-13 13:06:50	DataFile Name :	010CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	2001.15	2002.91	2007.47	2003.84	0.16	ppb
Molybdenum	94-1	5009.44	5027.08	4973.70	5003.41	0.54	ppb
Molybdenum	95-1	5003.94	5002.09	4996.22	5000.75	0.08	ppb
Molybdenum	96-1	5011.77	5000.72	4991.37	5001.29	0.20	ppb
Molybdenum	97-1	5004.00	5002.43	5005.82	5004.09	0.03	ppb
Molybdenum	98-1	5004.60	5002.02	5000.32	5002.32	0.04	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	995.93	991.40	1002.05	996.46	0.54	ppb
Phosphorus	31-2	20107.51	19836.66	20342.89	20095.69	1.26	ppb
Potassium	39-2	47627.89	47368.14	47380.31	47458.78	0.31	ppb
Rhodium	103-1				82		%
Rhodium	103-2				81		%
Scandium	45-1				84		%
Scandium	45-2				85		%
Selenium	77-2	993.94	1005.53	1005.63	1001.70	0.67	ppb
Selenium	78-2	1001.50	996.99	996.41	998.30	0.28	ppb
Selenium	82-1	995.19	985.84	988.50	989.84	0.49	ppb
Silicon	28-1	989.40	1006.73	1011.81	1002.65	1.17	ppb
Silver	109-1	994.40	1003.01	993.62	997.01	0.52	ppb
Silver	107-1	991.24	1007.96	993.43	997.54	0.91	ppb
Sodium	23-2	99006.96	98772.36	99640.35	99139.89	0.45	ppb
Strontium	86-1	999.02	996.53	991.00	995.51	0.41	ppb
Strontium	88-1	998.46	1005.92	995.71	1000.03	0.53	ppb
Sulfur	34-1	20450.78	20479.56	20173.60	20367.98	0.83	ppb
Terbium	159-1				99		%
Terbium	159-2				94		%
Thallium	203-1	1001.93	1011.64	1024.59	1012.72	1.12	ppb
Thallium	205-1	995.74	1005.25	1021.32	1007.44	1.28	ppb
Thorium	232-1	1004.52	1010.85	1020.40	1011.92	0.79	ppb
Tin	118-1	992.19	1005.40	1002.12	999.90	0.69	ppb
Titanium	47-1	4972.73	5028.79	5029.03	5010.19	0.65	ppb
Uranium	238-1	996.42	1010.57	1030.41	1012.47	1.69	ppb
Vanadium	51-2	1005.38	999.03	1010.24	1004.88	0.56	ppb
Yttrium	89-1				89		%
Yttrium	89-2				87		%

LB Number :	LB102728	Operator :	Jaswal
Lab Sample ID :	S7	Instrumnet Name :	P7
Client Sample ID :	S7	Dilution Factor :	1
Date & Time Acquired ::	2019-05-13 13:06:50	DataFile Name :	010CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zinc	66-2	1990.71	1983.39	2013.98	1996.03	0.80	ppb
Zirconium	90-1	1001.36	1000.00	1001.15	1000.83	0.07	ppb
Zirconium	91-1	998.76	993.57	994.97	995.77	0.27	ppb

LB Number :	LB102728	Operator :	Jaswal
Lab Sample ID :	S8	Instrumnet Name :	P7
Client Sample ID :	S8	Dilution Factor :	1
Date & Time Acquired ::	2019-05-13 13:10:36	DataFile Name :	011CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	101603.65	100461.00	98757.70	100274.12	1.43	ppb
Antimony	121-1	1.46	1.56	1.59	1.54	4.48	ppb
Arsenic	75-2	1.36	1.16	1.35	1.29	8.69	ppb
Barium	135-1	1.11	1.15	1.09	1.12	2.74	ppb
Barium	137-1	1.22	1.07	1.03	1.11	8.99	ppb
Beryllium	9-1	0.22	0.17	0.19	0.19	12.88	ppb
Bismuth	209-1				82		%
Bismuth	209-2				78		%
Boron	10-1	32.27	29.66	28.12	30.02	7.00	ppb
Boron	11-1	32.37	29.87	27.12	29.79	8.82	ppb
Cadmium	111-1	0.11	0.21	0.15	0.16	32.33	ppb
Cadmium	106-1	-0.99	0.14	-0.01	-0.29		ppb
Cadmium	108-1	0.36	0.33	0.24	0.31	20.58	ppb
Calcium	43-1	501305.19	503151.67	498275.72	500910.86	0.49	ppb
Calcium	44-1	502451.65	503275.01	496838.18	500854.95	0.70	ppb
Chromium	52-2	6.31	6.11	6.14	6.19	1.78	ppb
Cobalt	59-2	11.71	11.60	11.43	11.58	1.21	ppb
Copper	63-2	2.46	2.26	2.28	2.34	4.62	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				96		%
Holmium	165-2				93		%
Indium	115-1				83		%
Indium	115-2				86		%
Iron	56-2	254342.78	249029.93	245609.35	249660.69	1.76	ppb
Iron	57-2	255032.49	248784.44	244975.76	249597.56	2.03	ppb
Krypton	83-1						cps
Lead	206-1	1.24	1.25	1.29	1.26	2.00	ppb
Lead	207-1	1.12	1.16	1.12	1.14	2.07	ppb
Lead	208-1	1.19	1.18	1.17	1.18	1.08	ppb
Lithium	6-1				87		%
Magnesium	24-2	508711.60	499364.88	491640.38	499905.62	1.71	ppb

LB Number :	LB102728	Operator :	Jaswal
Lab Sample ID :	S8	Instrumnet Name :	P7
Client Sample ID :	S8	Dilution Factor :	1
Date & Time Acquired ::	2019-05-13 13:10:36	DataFile Name :	011CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	7.98	7.81	7.59	7.79	2.49	ppb
Molybdenum	94-1	3.35	3.18	2.98	3.17	5.79	ppb
Molybdenum	95-1	4.31	4.19	3.81	4.11	6.32	ppb
Molybdenum	96-1	5.24	4.84	4.73	4.94	5.49	ppb
Molybdenum	97-1	3.93	3.65	3.70	3.76	3.95	ppb
Molybdenum	98-1	3.92	3.62	3.66	3.73	4.35	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	11.41	11.06	10.64	11.03	3.51	ppb
Phosphorus	31-2	16.24	21.88	12.54	16.89	27.83	ppb
Potassium	39-2	254336.42	250845.97	247137.36	250773.25	1.44	ppb
Rhodium	103-1				76		%
Rhodium	103-2				78		%
Scandium	45-1				88		%
Scandium	45-2				96		%
Selenium	77-2	0.48	0.00	0.46	0.31	86.64	ppb
Selenium	78-2	-0.03	0.89	0.08	0.31	159.83	ppb
Selenium	82-1	0.48	0.29	-0.10	0.22	132.99	ppb
Silicon	28-1	46.55	47.65	46.70	46.97	1.26	ppb
Silver	109-1	0.24	0.20	0.19	0.21	12.45	ppb
Silver	107-1	0.22	0.21	0.19	0.21	6.73	ppb
Sodium	23-2	508321.69	499740.98	493146.87	500403.18	1.52	ppb
Strontium	86-1	4.72	4.55	4.61	4.63	1.82	ppb
Strontium	88-1	4.61	4.42	4.37	4.47	2.91	ppb
Sulfur	34-1	-509.11	-353.64	-267.92	-376.89		ppb
Terbium	159-1				94		%
Terbium	159-2				92		%
Thallium	203-1	0.32	0.26	0.23	0.27	15.76	ppb
Thallium	205-1	0.33	0.29	0.24	0.29	15.91	ppb
Thorium	232-1	0.25	0.22	0.20	0.23	11.15	ppb
Tin	118-1	0.90	0.88	0.89	0.89	1.05	ppb
Titanium	47-1	3.16	2.96	3.06	3.06	3.25	ppb
Uranium	238-1	0.14	0.12	0.12	0.12	8.93	ppb
Vanadium	51-2	0.22	0.22	0.22	0.22	0.89	ppb
Yttrium	89-1				88		%
Yttrium	89-2				92		%

LB Number :	LB102728	Operator :	Jaswal
Lab Sample ID :	S8	Instrumnet Name :	P7
Client Sample ID :	S8	Dilution Factor :	1
Date & Time Acquired ::	2019-05-13 13:10:36	DataFile Name :	011CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zinc	66-2	16.29	17.20	16.36	16.62	3.04	ppb
Zirconium	90-1	0.32	0.28	0.29	0.30	6.75	ppb
Zirconium	91-1	0.33	0.26	0.26	0.28	13.85	ppb

LB Number : LB102728 Operator : Jaswal
 Lab Sample ID : ICV01 Instrumnet Name : P7
 Client Sample ID : ICV01 Dilution Factor : 1
 Date & Time Acquired :: 2019-05-13 13:17:26 DataFile Name : 012ICV01.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	490.73	497.95	532.00	506.89	4.35	ppb
Antimony	121-1	203.95	198.98	203.11	202.02	1.32	ppb
Arsenic	75-2	206.85	205.92	215.10	209.29	2.41	ppb
Barium	135-1	103.83	101.25	104.10	103.06	1.53	ppb
Barium	137-1	102.31	101.15	102.85	102.10	0.85	ppb
Beryllium	9-1	100.12	99.47	100.92	100.17	0.73	ppb
Bismuth	209-1				107		%
Bismuth	209-2				103		%
Boron	10-1	545.54	549.69	557.64	550.96	1.12	ppb
Boron	11-1	544.01	543.52	550.00	545.85	0.66	ppb
Cadmium	111-1	108.02	104.61	106.22	106.28	1.60	ppb
Cadmium	106-1	186.78	182.99	194.12	187.96	3.01	ppb
Cadmium	108-1	146.38	148.15	145.41	146.65	0.95	ppb
Calcium	43-1	2194.80	2190.80	2197.45	2194.35	0.15	ppb
Calcium	44-1	2037.97	2030.88	2038.87	2035.91	0.21	ppb
Chromium	52-2	98.23	99.10	104.08	100.47	3.14	ppb
Cobalt	59-2	102.02	103.25	109.41	104.89	3.77	ppb
Copper	63-2	98.00	99.30	103.83	100.37	3.05	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				107		%
Holmium	165-2				103		%
Indium	115-1				103		%
Indium	115-2				99		%
Iron	56-2	1047.33	1060.63	1117.96	1075.30	3.49	ppb
Iron	57-2	1033.81	1047.15	1120.96	1067.31	4.40	ppb
Krypton	83-1						cps
Lead	206-1	190.51	193.67	192.75	192.31	0.85	ppb
Lead	207-1	182.73	185.53	183.12	183.80	0.82	ppb
Lead	208-1	184.37	186.96	185.84	185.72	0.70	ppb
Lithium	6-1				106		%
Magnesium	24-2	1195.00	1216.35	1271.51	1227.62	3.22	ppb

LB Number :	LB102728	Operator :	Jaswal
Lab Sample ID :	ICV01	Instrumnet Name :	P7
Client Sample ID :	ICV01	Dilution Factor :	1
Date & Time Acquired ::	2019-05-13 13:17:26	DataFile Name :	012ICV01.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	95.89	97.87	102.65	98.80	3.52	ppb
Molybdenum	94-1	1042.36	1037.62	1046.10	1042.03	0.41	ppb
Molybdenum	95-1	473.10	476.23	473.86	474.40	0.34	ppb
Molybdenum	96-1	543.75	543.96	550.26	545.99	0.68	ppb
Molybdenum	97-1	471.63	474.20	476.63	474.15	0.53	ppb
Molybdenum	98-1	471.59	468.05	473.00	470.88	0.54	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	103.10	104.46	110.09	105.89	3.50	ppb
Phosphorus	31-2	-2.86	-3.76	6.77	0.05	12327.74	ppb
Potassium	39-2	1873.51	1878.33	1993.12	1914.99	3.54	ppb
Rhodium	103-1				104		%
Rhodium	103-2				100		%
Scandium	45-1				105		%
Scandium	45-2				103		%
Selenium	77-2	191.80	203.95	195.29	197.01	3.17	ppb
Selenium	78-2	207.59	208.45	214.96	210.33	1.91	ppb
Selenium	82-1	208.33	207.29	210.07	208.56	0.67	ppb
Silicon	28-1	419.29	418.41	425.52	421.07	0.92	ppb
Silver	109-1	104.14	101.27	102.89	102.77	1.40	ppb
Silver	107-1	104.36	102.27	103.87	103.50	1.06	ppb
Sodium	23-2	1967.40	1979.98	2083.85	2010.41	3.18	ppb
Strontium	86-1	477.31	479.47	478.47	478.42	0.23	ppb
Strontium	88-1	473.33	477.32	478.76	476.47	0.59	ppb
Sulfur	34-1	-780.60	-889.20	-936.16	-868.65		ppb
Terbium	159-1				107		%
Terbium	159-2				103		%
Thallium	203-1	185.31	189.45	189.26	188.01	1.24	ppb
Thallium	205-1	185.22	186.55	187.44	186.40	0.60	ppb
Thorium	232-1	6.53	6.70	6.58	6.61	1.30	ppb
Tin	118-1	497.08	484.03	494.27	491.79	1.40	ppb
Titanium	47-1	471.46	476.65	479.43	475.85	0.85	ppb
Uranium	238-1	495.74	507.86	503.12	502.24	1.22	ppb
Vanadium	51-2	97.28	98.26	102.88	99.47	3.01	ppb
Yttrium	89-1				105		%
Yttrium	89-2				102		%

LB Number :	LB102728	Operator :	Jaswal
Lab Sample ID :	ICV01	Instrumnet Name :	P7
Client Sample ID :	ICV01	Dilution Factor :	1
Date & Time Acquired ::	2019-05-13 13:17:26	DataFile Name :	012ICV01.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zinc	66-2	189.70	194.09	204.47	196.09	3.87	ppb
Zirconium	90-1	472.86	469.36	473.59	471.94	0.48	ppb
Zirconium	91-1	472.56	466.09	471.52	470.06	0.74	ppb

LB Number : LB102728 Operator : Jaswal
 Lab Sample ID : ICB01 Instrumnet Name : P7
 Client Sample ID : ICB01 Dilution Factor : 1
 Date & Time Acquired :: 2019-05-13 13:25:25 DataFile Name : 013CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	0.22	0.22	0.52	0.32	54.05	ppb
Antimony	121-1	0.11	0.12	0.16	0.13	17.53	ppb
Arsenic	75-2	-0.01	0.00	-0.04	-0.02		ppb
Barium	135-1	0.00	0.00	0.00	0.00		ppb
Barium	137-1	0.00	0.00	0.00	0.00	118.27	ppb
Beryllium	9-1	0.03	0.01	0.04	0.03	56.37	ppb
Bismuth	209-1				104		%
Bismuth	209-2				101		%
Boron	10-1	4.84	5.00	4.78	4.87	2.29	ppb
Boron	11-1	5.43	4.46	4.98	4.96	9.83	ppb
Cadmium	111-1	-0.04	-0.09	-0.04	-0.06		ppb
Cadmium	106-1	-0.67	-1.20	-0.65	-0.84		ppb
Cadmium	108-1	0.05	0.00	0.10	0.05	102.07	ppb
Calcium	43-1	1.51	-1.46	0.04	0.03	4714.71	ppb
Calcium	44-1	1.60	0.39	1.33	1.10	57.68	ppb
Chromium	52-2	-0.01	0.00	0.02	0.00	999.23	ppb
Cobalt	59-2	0.00	0.00	0.00	0.00		ppb
Copper	63-2	0.01	-0.02	0.02	0.00	2644.66	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				101		%
Indium	115-1				103		%
Indium	115-2				100		%
Iron	56-2	0.70	0.67	0.92	0.77	17.78	ppb
Iron	57-2	0.75	0.62	1.28	0.89	39.69	ppb
Krypton	83-1						cps
Lead	206-1	0.02	0.01	0.02	0.02	35.09	ppb
Lead	207-1	0.02	0.01	0.01	0.02	44.70	ppb
Lead	208-1	0.02	0.01	0.01	0.01	15.43	ppb
Lithium	6-1				104		%
Magnesium	24-2	1.03	0.57	1.66	1.09	50.34	ppb

LB Number :	LB102728	Operator :	Jaswal
Lab Sample ID :	ICB01	Instrumnet Name :	P7
Client Sample ID :	ICB01	Dilution Factor :	1
Date & Time Acquired ::	2019-05-13 13:25:25	DataFile Name :	013CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	0.00	0.00	-0.01	0.00		ppb
Molybdenum	94-1	0.10	0.11	0.13	0.12	13.22	ppb
Molybdenum	95-1	0.14	0.15	0.13	0.14	5.03	ppb
Molybdenum	96-1	0.16	0.12	0.14	0.14	14.33	ppb
Molybdenum	97-1	0.13	0.08	0.16	0.13	31.83	ppb
Molybdenum	98-1	0.13	0.12	0.10	0.12	11.14	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.02	-0.01	0.01	0.01	223.23	ppb
Phosphorus	31-2	-10.75	-3.86	31.26	5.55	405.91	ppb
Potassium	39-2	-1.21	-2.56	-3.66	-2.48		ppb
Rhodium	103-1				101		%
Rhodium	103-2				99		%
Scandium	45-1				103		%
Scandium	45-2				102		%
Selenium	77-2	0.43	0.00	0.00	0.14	173.21	ppb
Selenium	78-2	-0.72	0.18	0.36	-0.06		ppb
Selenium	82-1	-0.22	-0.49	-0.58	-0.43		ppb
Silicon	28-1	1.20	1.49	0.92	1.21	23.64	ppb
Silver	109-1	0.01	0.00	0.01	0.01	60.03	ppb
Silver	107-1	0.00	0.01	0.01	0.01	71.16	ppb
Sodium	23-2	7.99	8.63	8.61	8.41	4.33	ppb
Strontium	86-1	0.07	0.01	0.01	0.03	116.01	ppb
Strontium	88-1	0.01	0.01	0.01	0.01	14.04	ppb
Sulfur	34-1	-315.65	-327.09	-375.96	-339.57		ppb
Terbium	159-1				105		%
Terbium	159-2				101		%
Thallium	203-1	0.04	0.04	0.03	0.04	11.59	ppb
Thallium	205-1	0.03	0.03	0.03	0.03	4.21	ppb
Thorium	232-1	0.02	0.02	0.02	0.02	9.77	ppb
Tin	118-1	0.07	0.07	0.07	0.07	4.46	ppb
Titanium	47-1	-0.01	0.00	0.00	0.00		ppb
Uranium	238-1	0.01	0.01	0.01	0.01	20.89	ppb
Vanadium	51-2	0.00	0.01	0.00	0.00	124.05	ppb
Yttrium	89-1				103		%
Yttrium	89-2				101		%

LB Number :	LB102728	Operator :	Jaswal
Lab Sample ID :	ICB01	Instrumnet Name :	P7
Client Sample ID :	ICB01	Dilution Factor :	1
Date & Time Acquired ::	2019-05-13 13:25:25	DataFile Name :	013CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zinc	66-2	0.12	0.05	0.13	0.10	44.67	ppb
Zirconium	90-1	0.02	0.02	0.02	0.02	23.21	ppb
Zirconium	91-1	-0.01	0.04	0.04	0.02	136.16	ppb

LB Number :	LB102728	Operator :	Jaswal
Lab Sample ID :	ICSA01	Instrumnet Name :	P7
Client Sample ID :	ICSA01	Dilution Factor :	1
Date & Time Acquired ::	2019-05-13 13:32:46	DataFile Name :	015ICSA01.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	91166.16	91920.51	90696.15	91260.94	0.68	ppb
Antimony	121-1	1.15	1.15	1.25	1.18	4.80	ppb
Arsenic	75-2	0.21	0.28	0.39	0.29	30.37	ppb
Barium	135-1	1.44	1.42	1.53	1.47	4.11	ppb
Barium	137-1	1.43	1.52	1.56	1.50	4.61	ppb
Beryllium	9-1	0.29	0.31	0.32	0.31	3.75	ppb
Bismuth	209-1				98		%
Bismuth	209-2				94		%
Boron	10-1	4.20	2.97	3.69	3.62	16.99	ppb
Boron	11-1	3.74	4.02	4.04	3.94	4.31	ppb
Cadmium	111-1	0.58	0.45	0.47	0.50	13.32	ppb
Cadmium	106-1	-0.55	-2.12	-2.37	-1.68		ppb
Cadmium	108-1	16.04	16.12	16.96	16.38	3.10	ppb
Calcium	43-1	94922.03	94021.54	101715.98	96886.52	4.34	ppb
Calcium	44-1	96158.98	95893.96	103643.52	98565.49	4.46	ppb
Chromium	52-2	20.86	21.04	20.92	20.94	0.43	ppb
Cobalt	59-2	1.29	1.28	1.32	1.30	1.81	ppb
Copper	63-2	7.54	7.87	7.55	7.65	2.47	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				102		%
Indium	115-1				99		%
Indium	115-2				95		%
Iron	56-2	105175.99	105499.21	105369.19	105348.13	0.15	ppb
Iron	57-2	105035.43	105766.35	104734.60	105178.79	0.50	ppb
Krypton	83-1						cps
Lead	206-1	4.86	4.80	5.10	4.92	3.27	ppb
Lead	207-1	4.23	4.14	4.37	4.25	2.74	ppb
Lead	208-1	4.44	4.43	4.65	4.50	2.75	ppb
Lithium	6-1				100		%
Magnesium	24-2	103604.83	103827.50	102948.28	103460.20	0.44	ppb

LB Number :	LB102728	Operator :	Jaswal
Lab Sample ID :	ICSA01	Instrumnet Name :	P7
Client Sample ID :	ICSA01	Dilution Factor :	1
Date & Time Acquired ::	2019-05-13 13:32:46	DataFile Name :	015ICSA01.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	8.06	8.38	8.31	8.25	2.04	ppb
Molybdenum	94-1	1336.18	1315.58	1413.18	1354.98	3.80	ppb
Molybdenum	95-1	1993.84	1980.54	2119.63	2031.34	3.78	ppb
Molybdenum	96-1	1901.87	1904.14	2034.09	1946.70	3.89	ppb
Molybdenum	97-1	1978.10	1980.66	2114.55	2024.44	3.86	ppb
Molybdenum	98-1	1982.78	1970.76	2112.95	2022.16	3.90	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	5.57	5.53	5.45	5.52	1.10	ppb
Phosphorus	31-2	99520.00	100965.52	99634.52	100040.01	0.80	ppb
Potassium	39-2	99138.30	99646.27	99141.22	99308.60	0.29	ppb
Rhodium	103-1				92		%
Rhodium	103-2				91		%
Scandium	45-1				100		%
Scandium	45-2				100		%
Selenium	77-2	0.43	0.00	0.44	0.29	86.61	ppb
Selenium	78-2	0.14	0.21	0.52	0.29	68.56	ppb
Selenium	82-1	-0.48	0.03	-0.42	-0.29		ppb
Silicon	28-1	20.44	20.89	23.95	21.76	8.79	ppb
Silver	109-1	0.04	0.04	0.07	0.05	38.23	ppb
Silver	107-1	0.04	0.06	0.05	0.05	25.52	ppb
Sodium	23-2	103512.85	103259.06	102456.85	103076.25	0.53	ppb
Strontium	86-1	35.61	34.03	35.83	35.16	2.80	ppb
Strontium	88-1	34.45	33.81	36.31	34.86	3.72	ppb
Sulfur	34-1	100640.68	101122.97	110028.54	103930.73	5.09	ppb
Terbium	159-1				107		%
Terbium	159-2				101		%
Thallium	203-1	0.08	0.06	0.07	0.07	9.27	ppb
Thallium	205-1	0.06	0.06	0.07	0.06	7.81	ppb
Thorium	232-1	0.03	0.03	0.03	0.03	4.56	ppb
Tin	118-1	0.16	0.19	0.21	0.18	12.10	ppb
Titanium	47-1	2048.46	2048.60	2201.12	2099.40	4.20	ppb
Uranium	238-1	0.02	0.02	0.02	0.02	9.53	ppb
Vanadium	51-2	0.16	0.18	0.17	0.17	5.06	ppb
Yttrium	89-1				103		%
Yttrium	89-2				100		%

LB Number :	LB102728	Operator :	Jaswal
Lab Sample ID :	ICSA01	Instrumnet Name :	P7
Client Sample ID :	ICSA01	Dilution Factor :	1
Date & Time Acquired ::	2019-05-13 13:32:46	DataFile Name :	015ICSA01.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zinc	66-2	12.82	12.06	12.39	12.43	3.07	ppb
Zirconium	90-1	0.03	0.02	0.03	0.03	25.60	ppb
Zirconium	91-1	0.02	0.02	0.05	0.03	59.39	ppb

LB Number :	LB102728	Operator :	Jaswal
Lab Sample ID :	ICSAB01	Instrumnet Name :	P7
Client Sample ID :	ICSAB01	Dilution Factor :	1
Date & Time Acquired ::	2019-05-13 13:36:24	DataFile Name :	016ICSB.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	91122.50	90359.46	88871.14	90117.70	1.27	ppb
Antimony	121-1	21.69	21.44	21.25	21.46	1.04	ppb
Arsenic	75-2	20.15	19.80	20.89	20.28	2.74	ppb
Barium	135-1	22.09	22.68	22.10	22.29	1.52	ppb
Barium	137-1	22.18	22.72	21.64	22.18	2.43	ppb
Beryllium	9-1	20.73	20.85	20.71	20.76	0.38	ppb
Bismuth	209-1				99		%
Bismuth	209-2				95		%
Boron	10-1	59.21	59.57	58.20	59.00	1.21	ppb
Boron	11-1	60.38	61.54	59.68	60.53	1.55	ppb
Cadmium	111-1	19.40	19.56	19.58	19.51	0.51	ppb
Cadmium	106-1	23.69	21.77	24.42	23.29	5.87	ppb
Cadmium	108-1	38.48	36.94	38.91	38.11	2.73	ppb
Calcium	43-1	94494.37	95571.99	94920.50	94995.62	0.57	ppb
Calcium	44-1	95818.08	97747.50	97034.10	96866.56	1.01	ppb
Chromium	52-2	41.07	40.96	41.05	41.02	0.14	ppb
Cobalt	59-2	21.87	21.70	21.15	21.57	1.75	ppb
Copper	63-2	26.34	26.99	26.60	26.64	1.23	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				104		%
Indium	115-1				100		%
Indium	115-2				96		%
Iron	56-2	104750.26	104124.98	102566.34	103813.86	1.08	ppb
Iron	57-2	104103.33	103674.22	102839.44	103539.00	0.62	ppb
Krypton	83-1						cps
Lead	206-1	25.78	25.93	25.96	25.89	0.38	ppb
Lead	207-1	23.70	23.76	23.71	23.73	0.14	ppb
Lead	208-1	24.50	24.51	24.45	24.49	0.12	ppb
Lithium	6-1				101		%
Magnesium	24-2	103207.28	102516.77	101279.49	102334.51	0.95	ppb

LB Number :	LB102728	Operator :	Jaswal
Lab Sample ID :	ICSAB01	Instrumnet Name :	P7
Client Sample ID :	ICSAB01	Dilution Factor :	1
Date & Time Acquired ::	2019-05-13 13:36:24	DataFile Name :	016ICSB.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	27.96	27.97	27.84	27.92	0.25	ppb
Molybdenum	94-1	1490.84	1488.50	1506.19	1495.18	0.64	ppb
Molybdenum	95-1	2049.01	2053.11	2050.03	2050.72	0.10	ppb
Molybdenum	96-1	1969.04	1975.11	1978.39	1974.18	0.24	ppb
Molybdenum	97-1	2036.63	2050.86	2054.97	2047.49	0.47	ppb
Molybdenum	98-1	2050.13	2042.59	2047.94	2046.89	0.19	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	25.39	26.10	25.23	25.57	1.81	ppb
Phosphorus	31-2	98987.04	99018.67	97218.72	98408.14	1.05	ppb
Potassium	39-2	98646.06	98837.90	96700.36	98061.44	1.21	ppb
Rhodium	103-1				93		%
Rhodium	103-2				92		%
Scandium	45-1				101		%
Scandium	45-2				101		%
Selenium	77-2	23.04	23.34	22.29	22.89	2.37	ppb
Selenium	78-2	19.79	19.46	21.12	20.12	4.36	ppb
Selenium	82-1	20.22	19.24	18.77	19.41	3.81	ppb
Silicon	28-1	67.81	69.71	68.03	68.52	1.52	ppb
Silver	109-1	18.73	18.40	18.34	18.49	1.14	ppb
Silver	107-1	18.78	18.75	18.54	18.69	0.71	ppb
Sodium	23-2	102495.64	101872.16	100804.10	101723.97	0.84	ppb
Strontium	86-1	98.82	98.19	99.73	98.91	0.78	ppb
Strontium	88-1	96.38	96.22	96.29	96.30	0.08	ppb
Sulfur	34-1	101281.84	102345.10	101239.04	101621.99	0.62	ppb
Terbium	159-1				109		%
Terbium	159-2				103		%
Thallium	203-1	20.71	20.87	20.74	20.77	0.39	ppb
Thallium	205-1	20.61	20.64	20.63	20.63	0.08	ppb
Thorium	232-1	0.50	0.50	0.51	0.50	1.28	ppb
Tin	118-1	52.60	52.68	51.73	52.33	1.00	ppb
Titanium	47-1	2103.94	2111.87	2106.94	2107.58	0.19	ppb
Uranium	238-1	51.56	50.96	51.18	51.23	0.59	ppb
Vanadium	51-2	20.41	20.78	20.42	20.53	1.02	ppb
Yttrium	89-1				104		%
Yttrium	89-2				100		%

LB Number :	LB102728	Operator :	Jaswal
Lab Sample ID :	ICSAB01	Instrumnet Name :	P7
Client Sample ID :	ICSAB01	Dilution Factor :	1
Date & Time Acquired ::	2019-05-13 13:36:24	DataFile Name :	016ICSB.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zinc	66-2	29.33	28.40	29.64	29.12	2.21	ppb
Zirconium	90-1	51.18	50.80	50.74	50.91	0.47	ppb
Zirconium	91-1	53.53	52.69	52.24	52.82	1.24	ppb

LB Number :	LB102728	Operator :	Jaswal
Lab Sample ID :	CCV67	Instrumnet Name :	P7
Client Sample ID :	CCV67	Dilution Factor :	1
Date & Time Acquired ::	2019-05-13 13:41:15	DataFile Name :	017CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	53984.45	53968.36	54261.17	54071.33	0.30	ppb
Antimony	121-1	539.37	539.20	539.32	539.30	0.02	ppb
Arsenic	75-2	489.88	488.75	493.42	490.68	0.50	ppb
Barium	135-1	2547.85	2581.39	2550.53	2559.93	0.73	ppb
Barium	137-1	2545.79	2550.70	2544.72	2547.07	0.13	ppb
Beryllium	9-1	498.42	500.21	495.39	498.00	0.49	ppb
Bismuth	209-1				93		%
Bismuth	209-2				89		%
Boron	10-1	492.20	486.70	497.11	492.00	1.06	ppb
Boron	11-1	497.02	494.41	503.62	498.35	0.95	ppb
Cadmium	111-1	473.67	470.86	474.18	472.90	0.38	ppb
Cadmium	106-1	483.90	479.83	482.10	481.94	0.42	ppb
Cadmium	108-1	486.18	482.40	484.33	484.30	0.39	ppb
Calcium	43-1	242635.34	244593.39	241409.52	242879.42	0.66	ppb
Calcium	44-1	242444.73	244163.55	243368.96	243325.75	0.35	ppb
Chromium	52-2	496.35	502.54	496.92	498.60	0.69	ppb
Cobalt	59-2	489.17	490.71	490.01	489.96	0.16	ppb
Copper	63-2	1007.18	1012.55	1013.76	1011.16	0.35	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				107		%
Holmium	165-2				101		%
Indium	115-1				94		%
Indium	115-2				91		%
Iron	56-2	128137.06	128536.15	128757.32	128476.84	0.24	ppb
Iron	57-2	128388.64	128344.60	129668.39	128800.54	0.58	ppb
Krypton	83-1						cps
Lead	206-1	503.27	507.70	508.19	506.39	0.54	ppb
Lead	207-1	505.99	506.72	507.98	506.90	0.20	ppb
Lead	208-1	510.21	515.05	513.82	513.02	0.49	ppb
Lithium	6-1				98		%
Magnesium	24-2	252343.33	253045.07	254016.98	253135.13	0.33	ppb

LB Number :	LB102728	Operator :	Jaswal
Lab Sample ID :	CCV67	Instrumnet Name :	P7
Client Sample ID :	CCV67	Dilution Factor :	1
Date & Time Acquired ::	2019-05-13 13:41:15	DataFile Name :	017CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	976.58	988.90	989.80	985.09	0.75	ppb
Molybdenum	94-1	2529.33	2537.49	2548.05	2538.29	0.37	ppb
Molybdenum	95-1	2514.67	2535.50	2529.84	2526.67	0.43	ppb
Molybdenum	96-1	2506.40	2516.75	2519.55	2514.23	0.28	ppb
Molybdenum	97-1	2512.91	2516.57	2522.54	2517.34	0.19	ppb
Molybdenum	98-1	2510.23	2514.52	2506.28	2510.34	0.16	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	526.02	531.93	532.46	530.14	0.67	ppb
Phosphorus	31-2	9938.67	10130.81	10076.01	10048.50	0.99	ppb
Potassium	39-2	125030.32	125683.00	126016.57	125576.63	0.40	ppb
Rhodium	103-1				88		%
Rhodium	103-2				86		%
Scandium	45-1				100		%
Scandium	45-2				100		%
Selenium	77-2	509.39	504.10	500.20	504.56	0.91	ppb
Selenium	78-2	512.63	519.08	519.89	517.20	0.77	ppb
Selenium	82-1	507.87	502.88	506.12	505.62	0.50	ppb
Silicon	28-1	505.07	517.15	520.98	514.40	1.61	ppb
Silver	109-1	469.24	466.77	467.86	467.95	0.26	ppb
Silver	107-1	467.74	464.99	464.97	465.90	0.34	ppb
Sodium	23-2	252893.10	253494.24	252118.65	252835.33	0.27	ppb
Strontium	86-1	504.56	502.86	504.20	503.87	0.18	ppb
Strontium	88-1	500.77	503.55	499.68	501.33	0.40	ppb
Sulfur	34-1	9812.07	9830.33	9815.01	9819.14	0.10	ppb
Terbium	159-1				106		%
Terbium	159-2				100		%
Thallium	203-1	500.75	504.41	507.34	504.17	0.65	ppb
Thallium	205-1	518.71	523.44	523.40	521.85	0.52	ppb
Thorium	232-1	525.50	530.16	532.55	529.40	0.68	ppb
Tin	118-1	492.27	494.11	494.71	493.70	0.26	ppb
Titanium	47-1	2468.75	2485.42	2463.72	2472.63	0.46	ppb
Uranium	238-1	518.66	530.33	527.29	525.43	1.15	ppb
Vanadium	51-2	504.65	506.71	507.16	506.18	0.26	ppb
Yttrium	89-1				101		%
Yttrium	89-2				98		%

LB Number :	LB102728	Operator :	Jaswal
Lab Sample ID :	CCV67	Instrumnet Name :	P7
Client Sample ID :	CCV67	Dilution Factor :	1
Date & Time Acquired ::	2019-05-13 13:41:15	DataFile Name :	017CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zinc	66-2	999.20	1001.87	1006.97	1002.68	0.39	ppb
Zirconium	90-1	510.52	507.74	509.41	509.22	0.28	ppb
Zirconium	91-1	508.94	509.85	508.07	508.95	0.18	ppb

LB Number :	LB102728	Operator :	Jaswal
Lab Sample ID :	LLCCV01	Instrumnet Name :	P7
Client Sample ID :	LLCCV01	Dilution Factor :	1
Date & Time Acquired ::	2019-05-13 13:57:03	DataFile Name :	018LLIC.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	18.28	19.95	20.08	19.44	5.19	ppb
Antimony	121-1	1.06	1.13	1.15	1.12	4.35	ppb
Arsenic	75-2	0.88	0.92	0.89	0.90	2.57	ppb
Barium	135-1	10.30	10.77	10.20	10.42	2.92	ppb
Barium	137-1	10.30	10.32	10.42	10.35	0.60	ppb
Beryllium	9-1	0.94	0.99	0.96	0.96	2.72	ppb
Bismuth	209-1				111		%
Bismuth	209-2				105		%
Boron	10-1	7.17	7.60	7.65	7.47	3.55	ppb
Boron	11-1	7.61	7.57	7.41	7.53	1.40	ppb
Cadmium	111-1	0.35	0.45	0.22	0.34	34.88	ppb
Cadmium	106-1	0.08	0.48	-2.26	-0.57		ppb
Cadmium	108-1	0.84	0.50	0.50	0.61	31.75	ppb
Calcium	43-1	454.31	470.93	473.60	466.28	2.24	ppb
Calcium	44-1	456.24	460.08	462.25	459.52	0.66	ppb
Chromium	52-2	2.01	1.88	1.87	1.92	3.92	ppb
Cobalt	59-2	0.61	0.62	0.62	0.62	1.50	ppb
Copper	63-2	1.94	1.91	1.87	1.91	1.95	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				111		%
Indium	115-2				106		%
Iron	56-2	106.25	107.49	105.69	106.48	0.87	ppb
Iron	57-2	102.60	102.55	98.84	101.33	2.13	ppb
Krypton	83-1						cps
Lead	206-1	0.87	0.93	0.95	0.92	4.58	ppb
Lead	207-1	0.91	0.93	0.94	0.93	1.38	ppb
Lead	208-1	0.91	0.94	0.92	0.92	1.84	ppb
Lithium	6-1				113		%
Magnesium	24-2	504.98	509.22	506.26	506.82	0.43	ppb

LB Number :	LB102728	Operator :	Jaswal
Lab Sample ID :	LLCCV01	Instrumnet Name :	P7
Client Sample ID :	LLCCV01	Dilution Factor :	1
Date & Time Acquired ::	2019-05-13 13:57:03	DataFile Name :	018LLIC.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	1.05	1.03	1.03	1.04	1.13	ppb
Molybdenum	94-1	5.19	5.16	5.15	5.17	0.40	ppb
Molybdenum	95-1	5.43	5.59	5.26	5.43	3.03	ppb
Molybdenum	96-1	5.38	5.44	5.35	5.39	0.88	ppb
Molybdenum	97-1	5.45	5.64	5.31	5.47	3.09	ppb
Molybdenum	98-1	5.55	5.36	5.48	5.46	1.80	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	1.12	0.93	1.12	1.05	10.62	ppb
Phosphorus	31-2	-9.39	-13.27	12.88	-3.26		ppb
Potassium	39-2	480.22	467.83	479.92	475.99	1.49	ppb
Rhodium	103-1				112		%
Rhodium	103-2				106		%
Scandium	45-1				112		%
Scandium	45-2				111		%
Selenium	77-2	5.57	5.96	5.18	5.57	6.99	ppb
Selenium	78-2	6.37	4.86	6.06	5.76	13.87	ppb
Selenium	82-1	4.93	6.03	5.04	5.33	11.35	ppb
Silicon	28-1	6.02	4.55	5.12	5.23	14.19	ppb
Silver	109-1	1.70	1.71	1.64	1.68	2.28	ppb
Silver	107-1	1.72	1.63	1.60	1.65	3.73	ppb
Sodium	23-2	512.58	511.69	502.44	508.90	1.10	ppb
Strontium	86-1	1.03	1.05	1.12	1.07	4.69	ppb
Strontium	88-1	1.00	1.05	1.03	1.03	2.78	ppb
Sulfur	34-1	-219.97	-211.18	-188.82	-206.66		ppb
Terbium	159-1				111		%
Terbium	159-2				106		%
Thallium	203-1	0.43	0.44	0.47	0.45	4.27	ppb
Thallium	205-1	0.46	0.44	0.47	0.46	2.73	ppb
Thorium	232-1	0.80	0.82	0.81	0.81	0.73	ppb
Tin	118-1	5.82	5.79	5.65	5.75	1.61	ppb
Titanium	47-1	5.52	5.48	5.52	5.51	0.47	ppb
Uranium	238-1	0.81	0.81	0.78	0.80	2.10	ppb
Vanadium	51-2	5.40	5.26	5.30	5.32	1.36	ppb
Yttrium	89-1				112		%
Yttrium	89-2				109		%

LB Number :	LB102728	Operator :	Jaswal
Lab Sample ID :	LLCCV01	Instrumnet Name :	P7
Client Sample ID :	LLCCV01	Dilution Factor :	1
Date & Time Acquired ::	2019-05-13 13:57:03	DataFile Name :	018LLIC.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zinc	66-2	2.13	2.32	2.28	2.24	4.38	ppb
Zirconium	90-1	0.89	0.90	0.90	0.90	0.78	ppb
Zirconium	91-1	0.90	0.95	0.99	0.95	4.48	ppb

LB Number :	LB102728	Operator :	Jaswal
Lab Sample ID :	CCB67	Instrumnet Name :	P7
Client Sample ID :	CCB67	Dilution Factor :	1
Date & Time Acquired ::	2019-05-13 14:00:39	DataFile Name :	019CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	-0.09	-0.18	-0.09	-0.12		ppb
Antimony	121-1	0.04	0.06	0.06	0.06	21.36	ppb
Arsenic	75-2	0.00	0.02	0.04	0.02	88.32	ppb
Barium	135-1	-0.01	0.00	0.01	0.00		ppb
Barium	137-1	0.01	0.00	0.02	0.01	76.72	ppb
Beryllium	9-1	0.03	0.02	0.03	0.02	14.96	ppb
Bismuth	209-1				107		%
Bismuth	209-2				104		%
Boron	10-1	2.03	1.55	1.70	1.76	14.21	ppb
Boron	11-1	1.93	1.67	1.54	1.71	11.53	ppb
Cadmium	111-1	0.01	0.00	-0.05	-0.01		ppb
Cadmium	106-1	0.01	-0.02	-0.58	-0.19		ppb
Cadmium	108-1	0.02	0.02	0.02	0.02	2.34	ppb
Calcium	43-1	-1.45	-3.39	2.16	-0.89		ppb
Calcium	44-1	0.73	0.68	2.12	1.18	69.52	ppb
Chromium	52-2	0.01	0.02	0.01	0.01	48.32	ppb
Cobalt	59-2	0.00	0.00	0.00	0.00		ppb
Copper	63-2	0.01	0.02	0.01	0.01	28.19	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				111		%
Holmium	165-2				106		%
Indium	115-1				109		%
Indium	115-2				105		%
Iron	56-2	0.57	0.49	0.52	0.53	8.21	ppb
Iron	57-2	0.46	-0.09	-0.20	0.06	617.62	ppb
Krypton	83-1						cps
Lead	206-1	0.02	0.01	0.03	0.02	38.43	ppb
Lead	207-1	0.03	0.03	0.02	0.03	16.61	ppb
Lead	208-1	0.02	0.02	0.02	0.02	7.42	ppb
Lithium	6-1				111		%
Magnesium	24-2	0.85	1.04	0.92	0.94	10.01	ppb

LB Number :	LB102728	Operator :	Jaswal
Lab Sample ID :	CCB67	Instrumnet Name :	P7
Client Sample ID :	CCB67	Dilution Factor :	1
Date & Time Acquired ::	2019-05-13 14:00:39	DataFile Name :	019CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	0.00	-0.01	0.01	0.00	1374.51	ppb
Molybdenum	94-1	0.09	0.05	0.09	0.08	30.65	ppb
Molybdenum	95-1	0.08	0.07	0.09	0.08	13.17	ppb
Molybdenum	96-1	0.08	0.07	0.08	0.08	8.58	ppb
Molybdenum	97-1	0.07	0.10	0.10	0.09	18.44	ppb
Molybdenum	98-1	0.07	0.07	0.08	0.08	8.14	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.01	0.02	0.01	0.01	73.99	ppb
Phosphorus	31-2	5.60	2.06	11.93	6.53	76.60	ppb
Potassium	39-2	2.08	-0.72	-2.06	-0.24		ppb
Rhodium	103-1				110		%
Rhodium	103-2				105		%
Scandium	45-1				110		%
Scandium	45-2				110		%
Selenium	77-2	0.40	0.00	0.00	0.13	173.21	ppb
Selenium	78-2	0.05	-0.10	-0.36	-0.14		ppb
Selenium	82-1	-0.54	-0.58	-0.03	-0.38		ppb
Silicon	28-1	0.14	0.10	-0.06	0.06	165.14	ppb
Silver	109-1	0.00	0.00	0.01	0.00	32.12	ppb
Silver	107-1	0.00	0.00	0.00	0.00		ppb
Sodium	23-2	7.46	8.48	8.38	8.11	6.95	ppb
Strontium	86-1	0.02	0.00	-0.02	0.00		ppb
Strontium	88-1	0.00	0.00	0.00	0.00	112.72	ppb
Sulfur	34-1	-154.20	-100.93	-41.39	-98.84		ppb
Terbium	159-1				110		%
Terbium	159-2				105		%
Thallium	203-1	0.02	0.02	0.03	0.02	16.76	ppb
Thallium	205-1	0.02	0.02	0.02	0.02	13.06	ppb
Thorium	232-1	0.02	0.02	0.02	0.02	8.35	ppb
Tin	118-1	0.03	0.02	0.03	0.02	28.16	ppb
Titanium	47-1	-0.02	-0.01	0.01	-0.01		ppb
Uranium	238-1	0.00	0.00	0.00	0.00	135.88	ppb
Vanadium	51-2	0.00	0.00	0.01	0.00	124.93	ppb
Yttrium	89-1				110		%
Yttrium	89-2				108		%

LB Number :	LB102728	Operator :	Jaswal
Lab Sample ID :	CCB67	Instrumnet Name :	P7
Client Sample ID :	CCB67	Dilution Factor :	1
Date & Time Acquired ::	2019-05-13 14:00:39	DataFile Name :	019CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zinc	66-2	0.18	0.03	0.28	0.16	77.40	ppb
Zirconium	90-1	0.00	0.01	0.01	0.01	46.71	ppb
Zirconium	91-1	0.00	0.01	0.01	0.00	165.98	ppb

LB Number :	LB102728	Operator :	Jaswal
Lab Sample ID :	CRI	Instrumnet Name :	P7
Client Sample ID :	CRI	Dilution Factor :	1
Date & Time Acquired ::	2019-05-13 14:04:15	DataFile Name :	020LLCC.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	16.62	18.46	19.40	18.16	7.78	ppb
Antimony	121-1	0.93	0.93	0.90	0.92	1.73	ppb
Arsenic	75-2	0.66	1.11	0.91	0.89	25.42	ppb
Barium	135-1	9.69	9.28	9.66	9.54	2.40	ppb
Barium	137-1	9.67	10.02	9.65	9.78	2.11	ppb
Beryllium	9-1	0.92	0.95	0.96	0.94	2.29	ppb
Bismuth	209-1				111		%
Bismuth	209-2				104		%
Boron	10-1	6.23	6.64	6.33	6.40	3.31	ppb
Boron	11-1	6.28	6.55	6.17	6.33	3.10	ppb
Cadmium	111-1	0.40	0.32	0.37	0.36	11.61	ppb
Cadmium	106-1	-0.02	-0.18	0.32	0.04	593.96	ppb
Cadmium	108-1	0.45	0.63	0.53	0.53	16.30	ppb
Calcium	43-1	443.60	428.69	429.26	433.85	1.95	ppb
Calcium	44-1	435.11	433.97	436.61	435.23	0.30	ppb
Chromium	52-2	1.85	1.85	1.78	1.83	2.18	ppb
Cobalt	59-2	0.55	0.60	0.60	0.58	4.54	ppb
Copper	63-2	1.87	1.81	1.81	1.83	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				111		%
Holmium	165-2				106		%
Indium	115-1				109		%
Indium	115-2				105		%
Iron	56-2	100.55	99.44	101.07	100.35	0.83	ppb
Iron	57-2	102.14	101.82	99.79	101.25	1.26	ppb
Krypton	83-1						cps
Lead	206-1	0.89	0.90	0.84	0.88	4.09	ppb
Lead	207-1	0.83	0.88	0.86	0.86	3.10	ppb
Lead	208-1	0.86	0.87	0.83	0.85	2.74	ppb
Lithium	6-1				112		%
Magnesium	24-2	488.10	477.04	482.88	482.67	1.15	ppb

LB Number :	LB102728	Operator :	Jaswal
Lab Sample ID :	CRI	Instrumnet Name :	P7
Client Sample ID :	CRI	Dilution Factor :	1
Date & Time Acquired ::	2019-05-13 14:04:15	DataFile Name :	020LLCC.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	1.02	1.01	0.97	1.00	2.53	ppb
Molybdenum	94-1	4.83	4.74	4.64	4.74	2.09	ppb
Molybdenum	95-1	5.03	4.94	5.22	5.06	2.78	ppb
Molybdenum	96-1	5.27	5.03	5.06	5.12	2.52	ppb
Molybdenum	97-1	4.86	5.07	5.12	5.02	2.81	ppb
Molybdenum	98-1	5.21	5.02	5.09	5.10	1.93	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	1.05	1.00	0.88	0.98	8.86	ppb
Phosphorus	31-2	-2.54	-4.91	-19.52	-8.99		ppb
Potassium	39-2	448.21	440.91	442.01	443.71	0.89	ppb
Rhodium	103-1				111		%
Rhodium	103-2				105		%
Scandium	45-1				110		%
Scandium	45-2				111		%
Selenium	77-2	6.88	7.24	4.40	6.17	24.98	ppb
Selenium	78-2	5.30	4.66	5.43	5.13	8.00	ppb
Selenium	82-1	5.47	5.55	4.20	5.07	14.90	ppb
Silicon	28-1	4.51	4.47	4.30	4.42	2.59	ppb
Silver	109-1	1.42	1.49	1.44	1.45	2.55	ppb
Silver	107-1	1.40	1.40	1.41	1.41	0.40	ppb
Sodium	23-2	484.20	475.31	479.49	479.66	0.93	ppb
Strontium	86-1	1.00	0.99	0.97	0.99	1.18	ppb
Strontium	88-1	1.00	0.99	0.96	0.98	2.33	ppb
Sulfur	34-1	-182.25	-199.19	-92.46	-157.97		ppb
Terbium	159-1				110		%
Terbium	159-2				105		%
Thallium	203-1	0.43	0.43	0.42	0.43	1.00	ppb
Thallium	205-1	0.43	0.44	0.42	0.43	2.66	ppb
Thorium	232-1	0.77	0.78	0.76	0.77	1.39	ppb
Tin	118-1	5.47	5.45	5.31	5.41	1.61	ppb
Titanium	47-1	5.28	5.12	4.93	5.11	3.39	ppb
Uranium	238-1	0.75	0.76	0.75	0.75	0.48	ppb
Vanadium	51-2	4.93	4.97	4.87	4.92	0.99	ppb
Yttrium	89-1				111		%
Yttrium	89-2				108		%

LB Number :	LB102728	Operator :	Jaswal
Lab Sample ID :	CRI	Instrumnet Name :	P7
Client Sample ID :	CRI	Dilution Factor :	1
Date & Time Acquired ::	2019-05-13 14:04:15	DataFile Name :	020LLCC.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zinc	66-2	2.41	1.81	1.85	2.03	16.61	ppb
Zirconium	90-1	0.87	0.83	0.86	0.86	2.30	ppb
Zirconium	91-1	1.02	0.85	0.92	0.93	8.74	ppb

LB Number : LB102728 Operator : Jaswal
 Lab Sample ID : PB119678BL Instrumnet Name : P7
 Client Sample ID : PB119678BL Dilution Factor : 1
 Date & Time Acquired :: 2019-05-13 14:10:24 DataFile Name : 021CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	-0.34	0.00	0.08	-0.08		ppb
Antimony	121-1	0.03	0.03	0.04	0.03	26.31	ppb
Arsenic	75-2	0.04	-0.07	-0.09	-0.04		ppb
Barium	135-1	0.00	-0.01	0.00	0.00		ppb
Barium	137-1	0.01	0.00	0.00	0.01	27.70	ppb
Beryllium	9-1	0.01	0.02	0.01	0.01	50.27	ppb
Bismuth	209-1				103		%
Bismuth	209-2				102		%
Boron	10-1	1.38	1.38	1.40	1.38	0.78	ppb
Boron	11-1	1.35	1.28	1.44	1.36	5.84	ppb
Cadmium	111-1	-0.05	-0.07	-0.13	-0.09		ppb
Cadmium	106-1	-0.71	-0.91	-1.75	-1.12		ppb
Cadmium	108-1	-0.03	-0.03	-0.03	-0.03		ppb
Calcium	43-1	-1.39	-0.51	-1.09	-1.00		ppb
Calcium	44-1	1.03	0.56	0.24	0.61	65.03	ppb
Chromium	52-2	0.03	-0.01	0.00	0.01	253.49	ppb
Cobalt	59-2	0.01	0.00	0.00	0.00	85.27	ppb
Copper	63-2	0.01	0.00	0.01	0.01	58.18	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				108		%
Holmium	165-2				103		%
Indium	115-1				107		%
Indium	115-2				104		%
Iron	56-2	0.28	0.17	0.09	0.18	54.33	ppb
Iron	57-2	-0.49	0.49	-0.19	-0.06		ppb
Krypton	83-1						cps
Lead	206-1	0.02	0.02	0.02	0.02	23.94	ppb
Lead	207-1	0.02	0.02	0.00	0.02	59.95	ppb
Lead	208-1	0.01	0.02	0.01	0.01	19.17	ppb
Lithium	6-1				110		%
Magnesium	24-2	0.44	1.18	0.54	0.72	56.19	ppb

LB Number :	LB102728	Operator :	Jaswal
Lab Sample ID :	PB119678BL	Instrumnet Name :	P7
Client Sample ID :	PB119678BL	Dilution Factor :	1
Date & Time Acquired ::	2019-05-13 14:10:24	DataFile Name :	021CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	0.01	-0.01	-0.01	-0.01		ppb
Molybdenum	94-1	0.03	0.03	0.03	0.03	0.19	ppb
Molybdenum	95-1	0.04	0.03	0.03	0.03	22.68	ppb
Molybdenum	96-1	0.03	0.04	0.03	0.04	17.39	ppb
Molybdenum	97-1	0.02	0.03	0.01	0.02	55.37	ppb
Molybdenum	98-1	0.03	0.02	0.03	0.03	32.24	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.02	-0.02	0.01	0.00	523.06	ppb
Phosphorus	31-2	-2.16	-7.26	3.99	-1.81		ppb
Potassium	39-2	0.61	-2.42	-2.34	-1.38		ppb
Rhodium	103-1				108		%
Rhodium	103-2				104		%
Scandium	45-1				108		%
Scandium	45-2				109		%
Selenium	77-2	0.00	0.00	0.00	0.00	N/A	ppb
Selenium	78-2	-0.14	0.19	0.26	0.10	209.45	ppb
Selenium	82-1	-0.25	-0.35	0.10	-0.17		ppb
Silicon	28-1	-0.07	0.09	-0.15	-0.04		ppb
Silver	109-1	0.00	0.00	0.00	0.00	453.62	ppb
Silver	107-1	0.00	0.00	0.00	0.00		ppb
Sodium	23-2	4.61	5.48	5.09	5.06	8.58	ppb
Strontium	86-1	0.02	0.00	0.00	0.01	197.09	ppb
Strontium	88-1	0.00	0.00	0.00	0.00	878.91	ppb
Sulfur	34-1	116.95	142.34	137.93	132.41	10.25	ppb
Terbium	159-1				107		%
Terbium	159-2				104		%
Thallium	203-1	0.02	0.02	0.01	0.02	41.32	ppb
Thallium	205-1	0.01	0.01	0.01	0.01	15.37	ppb
Thorium	232-1	0.01	0.01	0.01	0.01	12.71	ppb
Tin	118-1	-0.01	0.00	0.01	0.00	463.13	ppb
Titanium	47-1	0.00	-0.02	-0.02	-0.01		ppb
Uranium	238-1	0.00	0.00	0.00	0.00		ppb
Vanadium	51-2	0.00	0.00	0.00	0.00	86.61	ppb
Yttrium	89-1				108		%
Yttrium	89-2				106		%

LB Number :	LB102728	Operator :	Jaswal
Lab Sample ID :	PB119678BL	Instrumnet Name :	P7
Client Sample ID :	PB119678BL	Dilution Factor :	1
Date & Time Acquired ::	2019-05-13 14:10:24	DataFile Name :	021CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zinc	66-2	0.14	0.43	0.04	0.20	101.08	ppb
Zirconium	90-1	0.00	0.00	0.01	0.00	283.21	ppb
Zirconium	91-1	-0.01	-0.01	-0.01	-0.01		ppb

LB Number :	LB102728	Operator :	Jaswal
Lab Sample ID :	PB119678BS	Instrumnet Name :	P7
Client Sample ID :	PB119678BS	Dilution Factor :	1
Date & Time Acquired ::	2019-05-13 14:14:01	DataFile Name :	022LCSS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	9661.26	9817.12	9841.27	9773.21	1.00	ppb
Antimony	121-1	502.98	501.11	501.95	502.01	0.19	ppb
Arsenic	75-2	526.04	523.94	529.06	526.35	0.49	ppb
Barium	135-1	2594.24	2599.80	2583.65	2592.56	0.32	ppb
Barium	137-1	2573.23	2580.13	2554.26	2569.20	0.52	ppb
Beryllium	9-1	506.01	510.48	510.00	508.83	0.48	ppb
Bismuth	209-1				99		%
Bismuth	209-2				96		%
Boron	10-1	481.21	497.56	497.24	492.00	1.90	ppb
Boron	11-1	488.92	501.25	502.27	497.48	1.49	ppb
Cadmium	111-1	493.92	493.00	488.56	491.83	0.58	ppb
Cadmium	106-1	500.21	502.95	491.63	498.26	1.18	ppb
Cadmium	108-1	491.56	497.08	499.12	495.92	0.79	ppb
Calcium	43-1	48568.70	48314.41	48425.01	48436.04	0.26	ppb
Calcium	44-1	48816.07	48835.21	48867.05	48839.45	0.05	ppb
Chromium	52-2	508.77	510.54	510.36	509.89	0.19	ppb
Cobalt	59-2	508.28	513.78	513.22	511.76	0.59	ppb
Copper	63-2	947.89	963.13	956.25	955.76	0.80	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				107		%
Holmium	165-2				101		%
Indium	115-1				99		%
Indium	115-2				94		%
Iron	56-2	26250.67	26371.53	26133.12	26251.77	0.45	ppb
Iron	57-2	25927.80	26261.97	26164.07	26117.95	0.66	ppb
Krypton	83-1						cps
Lead	206-1	486.90	493.50	490.62	490.34	0.68	ppb
Lead	207-1	487.61	493.36	487.63	489.53	0.68	ppb
Lead	208-1	494.87	501.01	496.58	497.49	0.64	ppb
Lithium	6-1				102		%
Magnesium	24-2	52163.92	52305.75	52192.09	52220.59	0.14	ppb

LB Number :	LB102728	Operator :	Jaswal
Lab Sample ID :	PB119678BS	Instrumnet Name :	P7
Client Sample ID :	PB119678BS	Dilution Factor :	1
Date & Time Acquired ::	2019-05-13 14:14:01	DataFile Name :	022LCSS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	1005.28	1015.04	1012.58	1010.96	0.50	ppb
Molybdenum	94-1	2521.41	2522.61	2521.93	2521.98	0.02	ppb
Molybdenum	95-1	2528.98	2513.11	2521.56	2521.22	0.32	ppb
Molybdenum	96-1	2507.29	2520.29	2522.18	2516.59	0.32	ppb
Molybdenum	97-1	2513.82	2513.31	2509.95	2512.36	0.08	ppb
Molybdenum	98-1	2508.00	2508.95	2513.42	2510.12	0.12	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	510.09	517.08	513.81	513.66	0.68	ppb
Phosphorus	31-2	10332.79	10514.39	10688.51	10511.90	1.69	ppb
Potassium	39-2	24440.59	24533.48	24489.58	24487.88	0.19	ppb
Rhodium	103-1				94		%
Rhodium	103-2				93		%
Scandium	45-1				100		%
Scandium	45-2				100		%
Selenium	77-2	506.48	526.58	531.01	521.36	2.51	ppb
Selenium	78-2	522.88	526.24	527.89	525.67	0.49	ppb
Selenium	82-1	509.75	513.59	514.28	512.54	0.48	ppb
Silicon	28-1	530.78	545.24	556.85	544.29	2.40	ppb
Silver	109-1	478.36	475.22	475.03	476.20	0.39	ppb
Silver	107-1	505.97	507.54	502.57	505.36	0.50	ppb
Sodium	23-2	51150.26	51100.51	51152.03	51134.27	0.06	ppb
Strontium	86-1	504.59	497.38	499.79	500.58	0.73	ppb
Strontium	88-1	502.79	500.33	500.02	501.05	0.30	ppb
Sulfur	34-1	10299.72	10472.43	10377.43	10383.19	0.83	ppb
Terbium	159-1				106		%
Terbium	159-2				100		%
Thallium	203-1	482.37	488.69	487.59	486.22	0.69	ppb
Thallium	205-1	502.46	511.78	509.49	507.91	0.96	ppb
Thorium	232-1	486.59	494.83	494.23	491.88	0.93	ppb
Tin	118-1	499.19	496.77	498.68	498.22	0.26	ppb
Titanium	47-1	2490.30	2497.93	2497.87	2495.37	0.18	ppb
Uranium	238-1	487.02	495.75	494.25	492.34	0.95	ppb
Vanadium	51-2	506.58	510.47	510.31	509.12	0.43	ppb
Yttrium	89-1				102		%
Yttrium	89-2				99		%

LB Number :	LB102728	Operator :	Jaswal
Lab Sample ID :	PB119678BS	Instrumnet Name :	P7
Client Sample ID :	PB119678BS	Dilution Factor :	1
Date & Time Acquired ::	2019-05-13 14:14:01	DataFile Name :	022LCSS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zinc	66-2	941.86	950.17	946.84	946.29	0.44	ppb
Zirconium	90-1	502.36	503.20	501.90	502.49	0.13	ppb
Zirconium	91-1	500.78	499.12	498.81	499.57	0.21	ppb

LB Number :	LB102728	Operator :	Jaswal
Lab Sample ID :	K2709-02	Instrumnet Name :	P7
Client Sample ID :	BATHROOM-SINK-B	Dilution Factor :	1
Date & Time Acquired ::	2019-05-13 14:17:37	DataFile Name :	023SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	6.35	6.13	4.59	5.69	16.80	ppb
Antimony	121-1	0.52	0.53	0.57	0.54	4.80	ppb
Arsenic	75-2	1.00	0.94	0.89	0.94	5.84	ppb
Barium	135-1	60.52	57.94	57.78	58.75	2.62	ppb
Barium	137-1	58.66	57.91	57.94	58.17	0.74	ppb
Beryllium	9-1	0.09	0.06	0.05	0.07	29.45	ppb
Bismuth	209-1				97		%
Bismuth	209-2				93		%
Boron	10-1	784.85	792.46	804.08	793.80	1.22	ppb
Boron	11-1	814.00	823.24	833.16	823.46	1.16	ppb
Cadmium	111-1	0.05	-0.07	-0.10	-0.04		ppb
Cadmium	106-1	-0.39	-1.36	-1.95	-1.23		ppb
Cadmium	108-1	0.24	0.05	0.26	0.18	62.93	ppb
Calcium	43-1	221026.80	220936.39	223522.16	221828.45	0.66	ppb
Calcium	44-1	219734.13	220377.93	222981.50	221031.19	0.78	ppb
Chromium	52-2	0.39	0.36	0.35	0.37	6.45	ppb
Cobalt	59-2	0.21	0.16	0.15	0.17	17.86	ppb
Copper	63-2	17.21	16.98	17.27	17.16	0.89	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				107		%
Holmium	165-2				99		%
Indium	115-1				100		%
Indium	115-2				96		%
Iron	56-2	361.64	361.69	363.62	362.32	0.31	ppb
Iron	57-2	1062.21	1071.93	1083.19	1072.44	0.98	ppb
Krypton	83-1						cps
Lead	206-1	0.78	0.75	0.72	0.75	3.79	ppb
Lead	207-1	0.71	0.70	0.68	0.70	1.87	ppb
Lead	208-1	0.74	0.73	0.72	0.73	1.08	ppb
Lithium	6-1				101		%
Magnesium	24-2	23686.65	23619.93	23774.97	23693.85	0.33	ppb

LB Number :	LB102728	Operator :	Jaswal
Lab Sample ID :	K2709-02	Instrumnet Name :	P7
Client Sample ID :	BATHROOM-SINK-B	Dilution Factor :	1
Date & Time Acquired ::	2019-05-13 14:17:37	DataFile Name :	023SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	13.74	13.54	13.65	13.64	0.74	ppb
Molybdenum	94-1	10.07	10.06	10.03	10.05	0.21	ppb
Molybdenum	95-1	14.30	14.38	13.84	14.18	2.08	ppb
Molybdenum	96-1	13.44	13.61	13.54	13.53	0.61	ppb
Molybdenum	97-1	13.91	14.23	13.89	14.01	1.36	ppb
Molybdenum	98-1	14.35	13.97	13.94	14.09	1.62	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	1.26	1.23	1.27	1.25	1.96	ppb
Phosphorus	31-2	420.40	412.48	377.33	403.41	5.68	ppb
Potassium	39-2	1476.93	1504.29	1505.92	1495.71	1.09	ppb
Rhodium	103-1				94		%
Rhodium	103-2				93		%
Scandium	45-1				101		%
Scandium	45-2				101		%
Selenium	77-2	1.32	1.74	1.31	1.46	17.14	ppb
Selenium	78-2	1.96	1.80	1.58	1.78	10.62	ppb
Selenium	82-1	1.59	1.50	1.25	1.45	12.22	ppb
Silicon	28-1	8489.30	8456.63	8565.39	8503.77	0.66	ppb
Silver	109-1	0.06	0.04	0.04	0.05	20.88	ppb
Silver	107-1	0.04	0.05	0.04	0.05	8.32	ppb
Sodium	23-2	42218.85	42152.18	42401.95	42257.66	0.31	ppb
Strontium	86-1	2361.77	2360.16	2384.94	2368.96	0.59	ppb
Strontium	88-1	2325.89	2336.94	2332.39	2331.74	0.24	ppb
Sulfur	34-1	167038.27	166333.98	168272.08	167214.78	0.59	ppb
Terbium	159-1				106		%
Terbium	159-2				99		%
Thallium	203-1	0.10	0.12	0.08	0.10	18.55	ppb
Thallium	205-1	0.12	0.10	0.10	0.11	7.69	ppb
Thorium	232-1	0.26	0.25	0.22	0.24	9.10	ppb
Tin	118-1	0.16	0.17	0.13	0.15	14.68	ppb
Titanium	47-1	1.37	1.20	1.30	1.29	6.89	ppb
Uranium	238-1	4.21	4.22	4.17	4.20	0.63	ppb
Vanadium	51-2	4.86	4.75	5.10	4.90	3.67	ppb
Yttrium	89-1				103		%
Yttrium	89-2				99		%

LB Number :	LB102728	Operator :	Jaswal
Lab Sample ID :	K2709-02	Instrumnet Name :	P7
Client Sample ID :	BATHROOM-SINK-B	Dilution Factor :	1
Date & Time Acquired ::	2019-05-13 14:17:37	DataFile Name :	023SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zinc	66-2	21.48	20.93	22.02	21.48	2.53	ppb
Zirconium	90-1	0.08	0.07	0.07	0.07	10.10	ppb
Zirconium	91-1	0.08	0.07	0.06	0.07	11.94	ppb

LB Number :	LB102728	Operator :	Jaswal
Lab Sample ID :	K2824-01	Instrumnet Name :	P7
Client Sample ID :	390503086.9	Dilution Factor :	1
Date & Time Acquired ::	2019-05-13 14:21:14	DataFile Name :	024SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	14.19	14.36	14.47	14.34	0.99	ppb
Antimony	121-1	0.25	0.28	0.29	0.27	9.02	ppb
Arsenic	75-2	0.47	0.44	0.43	0.44	4.70	ppb
Barium	135-1	38.95	38.48	38.63	38.69	0.62	ppb
Barium	137-1	38.87	38.61	38.19	38.56	0.90	ppb
Beryllium	9-1	0.07	0.07	0.05	0.07	17.48	ppb
Bismuth	209-1				96		%
Bismuth	209-2				91		%
Boron	10-1	461.32	462.19	472.26	465.25	1.31	ppb
Boron	11-1	471.10	476.69	486.65	478.15	1.65	ppb
Cadmium	111-1	0.31	0.24	0.17	0.24	28.98	ppb
Cadmium	106-1	1.04	0.49	-0.42	0.37	199.20	ppb
Cadmium	108-1	0.16	0.18	0.21	0.18	15.47	ppb
Calcium	43-1	66592.82	66644.62	67067.19	66768.21	0.39	ppb
Calcium	44-1	67757.18	68402.31	68550.67	68236.72	0.62	ppb
Chromium	52-2	3.56	3.68	3.48	3.57	2.79	ppb
Cobalt	59-2	3.56	3.76	3.66	3.66	2.76	ppb
Copper	63-2	78.32	79.67	80.78	79.59	1.55	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				107		%
Holmium	165-2				99		%
Indium	115-1				96		%
Indium	115-2				94		%
Iron	56-2	19305.48	19434.68	19363.42	19367.86	0.33	ppb
Iron	57-2	19174.39	19249.39	19385.52	19269.77	0.56	ppb
Krypton	83-1						cps
Lead	206-1	7.53	7.55	7.50	7.53	0.36	ppb
Lead	207-1	6.99	7.02	7.00	7.00	0.26	ppb
Lead	208-1	7.15	7.18	7.14	7.16	0.31	ppb
Lithium	6-1				99		%
Magnesium	24-2	27257.69	27412.95	27522.86	27397.84	0.49	ppb

LB Number :	LB102728	Operator :	Jaswal
Lab Sample ID :	K2824-01	Instrumnet Name :	P7
Client Sample ID :	390503086.9	Dilution Factor :	1
Date & Time Acquired ::	2019-05-13 14:21:14	DataFile Name :	024SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	7278.20	7338.12	7326.02	7314.12	0.43	ppb
Molybdenum	94-1	0.36	0.34	0.36	0.35	3.69	ppb
Molybdenum	95-1	0.53	0.52	0.48	0.51	5.46	ppb
Molybdenum	96-1	0.59	0.49	0.47	0.52	12.18	ppb
Molybdenum	97-1	0.45	0.44	0.52	0.47	9.48	ppb
Molybdenum	98-1	0.42	0.45	0.43	0.43	3.12	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	7.78	7.93	7.66	7.79	1.73	ppb
Phosphorus	31-2	61.24	59.33	84.14	68.24	20.23	ppb
Potassium	39-2	3114.73	3106.13	3162.99	3127.95	0.98	ppb
Rhodium	103-1				92		%
Rhodium	103-2				91		%
Scandium	45-1				100		%
Scandium	45-2				100		%
Selenium	77-2	3.02	1.28	1.28	1.86	53.93	ppb
Selenium	78-2	0.63	1.46	0.54	0.87	57.96	ppb
Selenium	82-1	0.14	0.25	0.57	0.32	68.59	ppb
Silicon	28-1	6679.94	6711.94	6755.64	6715.84	0.57	ppb
Silver	109-1	0.06	0.06	0.05	0.06	7.87	ppb
Silver	107-1	0.06	0.07	0.05	0.06	17.70	ppb
Sodium	23-2	212856.14	213984.97	213941.16	213594.09	0.30	ppb
Strontium	86-1	291.26	295.37	293.01	293.21	0.70	ppb
Strontium	88-1	292.74	297.25	294.78	294.92	0.76	ppb
Sulfur	34-1	22105.54	22262.84	22418.34	22262.24	0.70	ppb
Terbium	159-1				105		%
Terbium	159-2				99		%
Thallium	203-1	0.10	0.08	0.07	0.08	18.19	ppb
Thallium	205-1	0.09	0.08	0.08	0.09	6.94	ppb
Thorium	232-1	0.10	0.09	0.08	0.09	11.26	ppb
Tin	118-1	0.85	0.91	0.86	0.88	3.55	ppb
Titanium	47-1	0.94	1.11	0.86	0.97	13.51	ppb
Uranium	238-1	0.61	0.61	0.60	0.61	0.61	ppb
Vanadium	51-2	0.81	0.81	0.89	0.84	5.22	ppb
Yttrium	89-1				106		%
Yttrium	89-2				101		%

LB Number :	LB102728	Operator :	Jaswal
Lab Sample ID :	K2824-01	Instrumnet Name :	P7
Client Sample ID :	390503086.9	Dilution Factor :	1
Date & Time Acquired ::	2019-05-13 14:21:14	DataFile Name :	024SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zinc	66-2	48.23	48.65	48.74	48.54	0.56	ppb
Zirconium	90-1	0.02	0.03	0.03	0.03	16.97	ppb
Zirconium	91-1	0.02	0.00	-0.01	0.00	1270.59	ppb

LB Number :	LB102728	Operator :	Jaswal
Lab Sample ID :	K2825-01	Instrumnet Name :	P7
Client Sample ID :	390502120.9	Dilution Factor :	1
Date & Time Acquired ::	2019-05-13 14:24:51	DataFile Name :	025SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	8.28	6.55	8.68	7.83	14.41	ppb
Antimony	121-1	0.51	0.49	0.47	0.49	4.18	ppb
Arsenic	75-2	0.55	0.31	0.39	0.41	29.57	ppb
Barium	135-1	17.94	17.63	17.76	17.78	0.87	ppb
Barium	137-1	18.20	17.35	17.79	17.78	2.39	ppb
Beryllium	9-1	0.28	0.26	0.30	0.28	6.93	ppb
Bismuth	209-1				101		%
Bismuth	209-2				96		%
Boron	10-1	32.99	32.04	30.49	31.84	3.97	ppb
Boron	11-1	34.10	32.20	30.29	32.20	5.92	ppb
Cadmium	111-1	0.42	0.43	0.48	0.44	7.70	ppb
Cadmium	106-1	-1.17	-1.04	-0.85	-1.02		ppb
Cadmium	108-1	0.64	0.66	0.49	0.60	16.10	ppb
Calcium	43-1	28522.21	28092.25	28604.71	28406.39	0.97	ppb
Calcium	44-1	28925.58	28773.44	28963.07	28887.36	0.35	ppb
Chromium	52-2	8.90	9.03	8.91	8.95	0.80	ppb
Cobalt	59-2	0.20	0.19	0.20	0.20	1.20	ppb
Copper	63-2	223.44	222.99	224.70	223.71	0.40	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				109		%
Holmium	165-2				101		%
Indium	115-1				104		%
Indium	115-2				97		%
Iron	56-2	1231.83	1221.47	1226.08	1226.46	0.42	ppb
Iron	57-2	1322.79	1316.51	1321.18	1320.16	0.25	ppb
Krypton	83-1						cps
Lead	206-1	127.39	126.12	123.95	125.82	1.38	ppb
Lead	207-1	118.97	118.98	118.69	118.88	0.14	ppb
Lead	208-1	122.01	121.34	120.62	121.32	0.58	ppb
Lithium	6-1				104		%
Magnesium	24-2	7669.70	7602.69	7607.64	7626.68	0.49	ppb

LB Number :	LB102728	Operator :	Jaswal
Lab Sample ID :	K2825-01	Instrumnet Name :	P7
Client Sample ID :	390502120.9	Dilution Factor :	1
Date & Time Acquired ::	2019-05-13 14:24:51	DataFile Name :	025SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	8.54	8.30	8.30	8.38	1.66	ppb
Molybdenum	94-1	0.08	0.13	0.11	0.11	20.75	ppb
Molybdenum	95-1	0.15	0.13	0.10	0.13	17.71	ppb
Molybdenum	96-1	0.13	0.12	0.14	0.13	6.36	ppb
Molybdenum	97-1	0.17	0.12	0.12	0.13	20.76	ppb
Molybdenum	98-1	0.13	0.11	0.11	0.12	11.94	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	14.77	14.41	14.78	14.65	1.43	ppb
Phosphorus	31-2	22.23	27.05	9.31	19.53	46.96	ppb
Potassium	39-2	3858.70	3868.98	3898.23	3875.30	0.53	ppb
Rhodium	103-1				98		%
Rhodium	103-2				96		%
Scandium	45-1				104		%
Scandium	45-2				101		%
Selenium	77-2	0.43	0.43	0.00	0.29	86.61	ppb
Selenium	78-2	0.29	0.13	-0.08	0.11	161.90	ppb
Selenium	82-1	0.17	0.07	0.39	0.21	77.24	ppb
Silicon	28-1	6991.86	7005.47	7048.16	7015.17	0.42	ppb
Silver	109-1	0.08	0.08	0.06	0.07	11.07	ppb
Silver	107-1	0.08	0.08	0.07	0.08	7.99	ppb
Sodium	23-2	57730.31	57577.79	57522.65	57610.25	0.19	ppb
Strontium	86-1	124.90	121.59	122.73	123.07	1.37	ppb
Strontium	88-1	120.91	119.31	119.11	119.78	0.82	ppb
Sulfur	34-1	5784.36	5777.19	5860.84	5807.46	0.80	ppb
Terbium	159-1				108		%
Terbium	159-2				101		%
Thallium	203-1	0.03	0.02	0.03	0.03	24.18	ppb
Thallium	205-1	0.03	0.03	0.03	0.03	3.84	ppb
Thorium	232-1	0.05	0.05	0.05	0.05	2.16	ppb
Tin	118-1	2.90	2.81	2.87	2.86	1.66	ppb
Titanium	47-1	0.82	0.69	0.72	0.74	9.23	ppb
Uranium	238-1	0.01	0.01	0.01	0.01	7.34	ppb
Vanadium	51-2	0.04	0.04	0.02	0.03	19.37	ppb
Yttrium	89-1				106		%
Yttrium	89-2				100		%

LB Number :	LB102728	Operator :	Jaswal
Lab Sample ID :	K2825-01	Instrumnet Name :	P7
Client Sample ID :	390502120.9	Dilution Factor :	1
Date & Time Acquired ::	2019-05-13 14:24:51	DataFile Name :	025SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zinc	66-2	983.53	981.57	986.59	983.89	0.26	ppb
Zirconium	90-1	0.01	0.01	0.01	0.01	47.56	ppb
Zirconium	91-1	0.01	0.00	0.01	0.01	62.86	ppb

LB Number : LB102728 Operator : Jaswal
 Lab Sample ID : K2826-01 Instrumnet Name : P7
 Client Sample ID : 390430719.2 Dilution Factor : 1
 Date & Time Acquired :: 2019-05-13 14:28:27 DataFile Name : 026SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	854.64	828.31	845.07	842.67	1.58	ppb
Antimony	121-1	0.04	0.03	0.05	0.04	19.63	ppb
Arsenic	75-2	4.49	4.35	4.79	4.54	4.93	ppb
Barium	135-1	24.37	24.29	23.81	24.15	1.26	ppb
Barium	137-1	24.78	23.93	23.44	24.05	2.82	ppb
Beryllium	9-1	0.10	0.13	0.09	0.11	19.41	ppb
Bismuth	209-1				102		%
Bismuth	209-2				97		%
Boron	10-1	196.91	196.79	198.84	197.52	0.58	ppb
Boron	11-1	202.72	200.51	204.49	202.57	0.98	ppb
Cadmium	111-1	-0.09	-0.15	-0.10	-0.12		ppb
Cadmium	106-1	-1.37	-2.06	-1.29	-1.57		ppb
Cadmium	108-1	0.16	0.10	0.10	0.12	26.51	ppb
Calcium	43-1	2965.50	2928.67	2899.33	2931.17	1.13	ppb
Calcium	44-1	2949.69	2903.18	2893.73	2915.53	1.03	ppb
Chromium	52-2	1.36	1.47	1.35	1.40	4.74	ppb
Cobalt	59-2	0.17	0.13	0.16	0.15	11.84	ppb
Copper	63-2	1.12	1.17	1.14	1.14	2.46	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				107		%
Holmium	165-2				100		%
Indium	115-1				102		%
Indium	115-2				96		%
Iron	56-2	192.87	187.32	188.42	189.53	1.55	ppb
Iron	57-2	190.90	201.04	187.21	193.05	3.71	ppb
Krypton	83-1						cps
Lead	206-1	0.23	0.22	0.22	0.22	1.28	ppb
Lead	207-1	0.21	0.21	0.24	0.22	7.01	ppb
Lead	208-1	0.21	0.22	0.20	0.21	3.16	ppb
Lithium	6-1				101		%
Magnesium	24-2	1295.18	1289.24	1277.60	1287.34	0.69	ppb

LB Number :	LB102728	Operator :	Jaswal
Lab Sample ID :	K2826-01	Instrumnet Name :	P7
Client Sample ID :	390430719.2	Dilution Factor :	1
Date & Time Acquired ::	2019-05-13 14:28:27	DataFile Name :	026SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	2.55	2.30	2.53	2.46	5.68	ppb
Molybdenum	94-1	1.31	2.46	1.28	1.68	39.88	ppb
Molybdenum	95-1	0.32	0.32	0.28	0.31	7.18	ppb
Molybdenum	96-1	0.42	0.42	0.35	0.40	10.21	ppb
Molybdenum	97-1	0.36	0.33	0.25	0.32	19.15	ppb
Molybdenum	98-1	0.32	0.35	0.34	0.34	3.62	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.42	0.38	0.32	0.37	13.30	ppb
Phosphorus	31-2	78.04	84.71	79.73	80.83	4.29	ppb
Potassium	39-2	2808.16	2815.42	2789.08	2804.22	0.49	ppb
Rhodium	103-1				96		%
Rhodium	103-2				95		%
Scandium	45-1				100		%
Scandium	45-2				99		%
Selenium	77-2	0.89	0.00	0.44	0.44	100.34	ppb
Selenium	78-2	-0.34	0.73	-0.20	0.06	923.80	ppb
Selenium	82-1	-0.09	-0.30	-0.37	-0.26		ppb
Silicon	28-1	5596.02	5590.68	5580.65	5589.12	0.14	ppb
Silver	109-1	0.00	0.01	0.00	0.00	85.47	ppb
Silver	107-1	0.00	0.01	0.00	0.00	75.29	ppb
Sodium	23-2	26521.44	26337.03	26258.19	26372.22	0.51	ppb
Strontium	86-1	152.82	150.00	149.06	150.63	1.30	ppb
Strontium	88-1	146.83	145.53	144.33	145.56	0.86	ppb
Sulfur	34-1	10240.93	9899.55	9740.89	9960.46	2.57	ppb
Terbium	159-1				106		%
Terbium	159-2				100		%
Thallium	203-1	0.02	0.02	0.02	0.02	0.15	ppb
Thallium	205-1	0.02	0.02	0.02	0.02	18.22	ppb
Thorium	232-1	0.18	0.18	0.24	0.20	16.87	ppb
Tin	118-1	0.06	0.08	0.08	0.07	10.99	ppb
Titanium	47-1	10.24	8.62	10.19	9.68	9.49	ppb
Uranium	238-1	0.02	0.03	0.03	0.03	16.57	ppb
Vanadium	51-2	1.09	1.13	1.11	1.11	1.71	ppb
Yttrium	89-1				103		%
Yttrium	89-2				99		%

LB Number :	LB102728	Operator :	Jaswal
Lab Sample ID :	K2826-01	Instrumnet Name :	P7
Client Sample ID :	390430719.2	Dilution Factor :	1
Date & Time Acquired ::	2019-05-13 14:28:27	DataFile Name :	026SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zinc	66-2	6.43	6.36	6.12	6.31	2.57	ppb
Zirconium	90-1	2.64	0.69	0.45	1.26	95.47	ppb
Zirconium	91-1	0.61	0.91	0.69	0.73	21.49	ppb

LB Number :	LB102728	Operator :	Jaswal
Lab Sample ID :	K2827-01	Instrumnet Name :	P7
Client Sample ID :	390430720.2	Dilution Factor :	1
Date & Time Acquired ::	2019-05-13 14:32:05	DataFile Name :	027SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	109.32	123.78	118.32	117.14	6.23	ppb
Antimony	121-1	0.03	0.03	0.03	0.03	9.91	ppb
Arsenic	75-2	0.18	0.21	0.10	0.16	36.68	ppb
Barium	135-1	10.02	10.41	10.19	10.21	1.88	ppb
Barium	137-1	10.24	9.89	10.21	10.11	1.92	ppb
Beryllium	9-1	0.03	0.05	0.04	0.04	29.76	ppb
Bismuth	209-1				98		%
Bismuth	209-2				94		%
Boron	10-1	471.66	490.81	489.10	483.86	2.19	ppb
Boron	11-1	486.45	501.36	508.00	498.60	2.21	ppb
Cadmium	111-1	-0.10	-0.11	-0.17	-0.13		ppb
Cadmium	106-1	-1.30	-1.43	-2.13	-1.62		ppb
Cadmium	108-1	0.05	0.00	0.05	0.03	90.04	ppb
Calcium	43-1	1441.93	1430.26	1428.07	1433.42	0.52	ppb
Calcium	44-1	1436.15	1454.29	1440.69	1443.71	0.65	ppb
Chromium	52-2	0.51	0.54	0.58	0.54	6.19	ppb
Cobalt	59-2	0.03	0.03	0.01	0.02	34.10	ppb
Copper	63-2	1.48	1.56	1.61	1.55	4.44	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				107		%
Holmium	165-2				100		%
Indium	115-1				101		%
Indium	115-2				95		%
Iron	56-2	69.98	69.99	70.78	70.25	0.65	ppb
Iron	57-2	75.06	72.05	72.71	73.27	2.16	ppb
Krypton	83-1						cps
Lead	206-1	0.09	0.10	0.12	0.11	12.27	ppb
Lead	207-1	0.12	0.08	0.09	0.10	18.41	ppb
Lead	208-1	0.09	0.09	0.09	0.09	1.75	ppb
Lithium	6-1				100		%
Magnesium	24-2	479.63	490.31	500.16	490.03	2.10	ppb

LB Number :	LB102728	Operator :	Jaswal
Lab Sample ID :	K2827-01	Instrumnet Name :	P7
Client Sample ID :	390430720.2	Dilution Factor :	1
Date & Time Acquired ::	2019-05-13 14:32:05	DataFile Name :	027SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	3.59	3.69	3.64	3.64	1.41	ppb
Molybdenum	94-1	0.87	0.87	1.01	0.92	9.06	ppb
Molybdenum	95-1	1.27	1.19	1.19	1.22	3.98	ppb
Molybdenum	96-1	1.28	1.20	1.17	1.22	4.48	ppb
Molybdenum	97-1	1.22	1.14	1.05	1.14	7.22	ppb
Molybdenum	98-1	1.24	1.23	1.18	1.21	2.70	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.18	0.20	0.17	0.18	8.36	ppb
Phosphorus	31-2	74.36	105.38	94.45	91.40	17.22	ppb
Potassium	39-2	3604.97	3638.51	3689.84	3644.44	1.17	ppb
Rhodium	103-1				95		%
Rhodium	103-2				93		%
Scandium	45-1				99		%
Scandium	45-2				99		%
Selenium	77-2	0.00	0.00	0.00	0.00	N/A	ppb
Selenium	78-2	0.40	0.32	0.59	0.44	32.97	ppb
Selenium	82-1	-0.35	-0.02	-0.27	-0.21		ppb
Silicon	28-1	4225.82	4292.21	4302.41	4273.48	0.97	ppb
Silver	109-1	0.00	0.00	0.00	0.00		ppb
Silver	107-1	0.00	0.00	0.00	0.00		ppb
Sodium	23-2	105932.63	105904.64	107864.41	106567.22	1.05	ppb
Strontium	86-1	61.44	60.97	60.11	60.84	1.11	ppb
Strontium	88-1	60.14	59.54	59.39	59.69	0.67	ppb
Sulfur	34-1	1320.19	1426.20	1339.77	1362.05	4.14	ppb
Terbium	159-1				105		%
Terbium	159-2				99		%
Thallium	203-1	0.01	0.02	0.02	0.02	48.54	ppb
Thallium	205-1	0.01	0.01	0.02	0.01	28.34	ppb
Thorium	232-1	0.05	0.05	0.05	0.05	5.57	ppb
Tin	118-1	0.07	0.06	0.02	0.05	56.70	ppb
Titanium	47-1	2.20	1.51	3.11	2.27	35.39	ppb
Uranium	238-1	0.02	0.01	0.01	0.01	52.36	ppb
Vanadium	51-2	0.22	0.25	0.19	0.22	13.24	ppb
Yttrium	89-1				102		%
Yttrium	89-2				98		%

LB Number :	LB102728	Operator :	Jaswal
Lab Sample ID :	K2827-01	Instrumnet Name :	P7
Client Sample ID :	390430720.2	Dilution Factor :	1
Date & Time Acquired ::	2019-05-13 14:32:05	DataFile Name :	027SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zinc	66-2	10.73	11.30	11.62	11.22	4.06	ppb
Zirconium	90-1	0.10	0.06	0.09	0.09	24.82	ppb
Zirconium	91-1	0.08	0.09	0.11	0.09	18.10	ppb

LB Number :	LB102728	Operator :	Jaswal
Lab Sample ID :	K2828-01	Instrumnet Name :	P7
Client Sample ID :	390430132.9	Dilution Factor :	1
Date & Time Acquired ::	2019-05-13 14:35:42	DataFile Name :	028SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	5.83	3.94	4.90	4.89	19.34	ppb
Antimony	121-1	0.13	0.15	0.13	0.14	6.23	ppb
Arsenic	75-2	0.00	0.03	0.23	0.09	140.30	ppb
Barium	135-1	8.88	8.24	8.51	8.54	3.73	ppb
Barium	137-1	8.50	8.51	8.45	8.49	0.42	ppb
Beryllium	9-1	0.17	0.15	0.16	0.16	7.07	ppb
Bismuth	209-1				100		%
Bismuth	209-2				96		%
Boron	10-1	23.98	22.34	21.53	22.62	5.52	ppb
Boron	11-1	24.94	23.19	21.67	23.27	7.05	ppb
Cadmium	111-1	-0.02	-0.02	-0.09	-0.05		ppb
Cadmium	106-1	-0.62	-0.88	-1.70	-1.07		ppb
Cadmium	108-1	0.13	0.08	0.08	0.10	32.09	ppb
Calcium	43-1	18689.88	18906.79	18662.72	18753.13	0.71	ppb
Calcium	44-1	19062.64	19299.10	19340.51	19234.08	0.78	ppb
Chromium	52-2	0.74	0.66	0.71	0.70	5.73	ppb
Cobalt	59-2	0.07	0.07	0.06	0.07	13.33	ppb
Copper	63-2	134.27	134.15	135.91	134.77	0.73	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				105		%
Holmium	165-2				99		%
Indium	115-1				100		%
Indium	115-2				95		%
Iron	56-2	2870.56	2869.45	2883.41	2874.47	0.27	ppb
Iron	57-2	2871.45	2872.15	2924.97	2889.52	1.06	ppb
Krypton	83-1						cps
Lead	206-1	7.56	7.59	7.74	7.63	1.28	ppb
Lead	207-1	7.18	7.23	7.25	7.22	0.46	ppb
Lead	208-1	7.40	7.38	7.40	7.39	0.10	ppb
Lithium	6-1				97		%
Magnesium	24-2	7224.89	7226.11	7265.10	7238.70	0.32	ppb

LB Number :	LB102728	Operator :	Jaswal
Lab Sample ID :	K2828-01	Instrumnet Name :	P7
Client Sample ID :	390430132.9	Dilution Factor :	1
Date & Time Acquired ::	2019-05-13 14:35:42	DataFile Name :	028SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	11.40	11.33	11.70	11.48	1.72	ppb
Molybdenum	94-1	0.03	0.05	0.07	0.05	38.23	ppb
Molybdenum	95-1	0.04	0.04	0.04	0.04	9.81	ppb
Molybdenum	96-1	0.07	0.04	0.07	0.06	33.95	ppb
Molybdenum	97-1	0.05	0.05	0.07	0.06	19.68	ppb
Molybdenum	98-1	0.04	0.04	0.04	0.04	8.50	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	1.61	1.59	1.64	1.61	1.42	ppb
Phosphorus	31-2	233.24	207.09	212.07	217.47	6.38	ppb
Potassium	39-2	1629.04	1652.53	1655.78	1645.79	0.89	ppb
Rhodium	103-1				95		%
Rhodium	103-2				94		%
Scandium	45-1				98		%
Scandium	45-2				98		%
Selenium	77-2	1.35	1.33	0.45	1.04	49.55	ppb
Selenium	78-2	1.01	2.00	2.53	1.85	41.86	ppb
Selenium	82-1	1.18	1.89	1.70	1.59	23.13	ppb
Silicon	28-1	10699.28	10860.76	10840.28	10800.11	0.81	ppb
Silver	109-1	0.03	0.02	0.03	0.03	13.53	ppb
Silver	107-1	0.03	0.03	0.02	0.03	22.34	ppb
Sodium	23-2	10985.71	10951.42	11028.22	10988.45	0.35	ppb
Strontium	86-1	109.17	107.91	106.74	107.94	1.13	ppb
Strontium	88-1	106.70	105.29	104.33	105.44	1.13	ppb
Sulfur	34-1	4280.17	4292.85	4330.53	4301.19	0.61	ppb
Terbium	159-1				104		%
Terbium	159-2				98		%
Thallium	203-1	0.02	0.01	0.01	0.02	13.53	ppb
Thallium	205-1	0.01	0.01	0.01	0.01	12.00	ppb
Thorium	232-1	0.01	0.01	0.01	0.01	8.82	ppb
Tin	118-1	0.95	0.89	0.87	0.90	4.81	ppb
Titanium	47-1	1.26	1.04	1.20	1.17	10.02	ppb
Uranium	238-1	0.01	0.00	0.00	0.01	35.78	ppb
Vanadium	51-2	0.28	0.29	0.30	0.29	2.84	ppb
Yttrium	89-1				101		%
Yttrium	89-2				97		%

LB Number :	LB102728	Operator :	Jaswal
Lab Sample ID :	K2828-01	Instrumnet Name :	P7
Client Sample ID :	390430132.9	Dilution Factor :	1
Date & Time Acquired ::	2019-05-13 14:35:42	DataFile Name :	028SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zinc	66-2	72.99	73.57	73.94	73.50	0.65	ppb
Zirconium	90-1	0.01	0.01	0.01	0.01	20.31	ppb
Zirconium	91-1	0.01	0.00	0.02	0.01	93.08	ppb

LB Number :	LB102728	Operator :	Jaswal
Lab Sample ID :	K2828-01DUP	Instrumnet Name :	P7
Client Sample ID :	390430132.9DUP	Dilution Factor :	1
Date & Time Acquired ::	2019-05-13 14:39:18	DataFile Name :	029SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	5.75	5.35	5.55	5.55	3.59	ppb
Antimony	121-1	0.12	0.16	0.13	0.14	15.17	ppb
Arsenic	75-2	0.00	0.15	0.14	0.10	91.14	ppb
Barium	135-1	8.59	8.41	8.43	8.48	1.17	ppb
Barium	137-1	8.43	8.14	8.51	8.36	2.39	ppb
Beryllium	9-1	0.18	0.13	0.15	0.16	16.63	ppb
Bismuth	209-1				99		%
Bismuth	209-2				95		%
Boron	10-1	13.59	13.57	12.94	13.37	2.79	ppb
Boron	11-1	13.48	13.50	13.01	13.33	2.07	ppb
Cadmium	111-1	-0.09	-0.09	-0.16	-0.11		ppb
Cadmium	106-1	-1.76	-1.76	-2.41	-1.98		ppb
Cadmium	108-1	0.00	0.03	0.03	0.02	90.25	ppb
Calcium	43-1	18894.19	18708.56	18660.99	18754.58	0.66	ppb
Calcium	44-1	19135.56	19207.87	19373.58	19239.00	0.63	ppb
Chromium	52-2	0.71	0.66	0.68	0.68	3.51	ppb
Cobalt	59-2	0.08	0.04	0.07	0.07	31.73	ppb
Copper	63-2	135.61	135.62	134.96	135.40	0.28	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				97		%
Indium	115-1				99		%
Indium	115-2				94		%
Iron	56-2	2915.00	2903.13	2861.84	2893.32	0.96	ppb
Iron	57-2	2896.31	2885.39	2847.51	2876.40	0.89	ppb
Krypton	83-1						cps
Lead	206-1	7.68	7.80	7.56	7.68	1.61	ppb
Lead	207-1	7.16	7.12	7.10	7.12	0.46	ppb
Lead	208-1	7.41	7.44	7.29	7.38	1.04	ppb
Lithium	6-1				95		%
Magnesium	24-2	7261.74	7287.16	7210.53	7253.14	0.54	ppb

LB Number :	LB102728	Operator :	Jaswal
Lab Sample ID :	K2828-01DUP	Instrumnet Name :	P7
Client Sample ID :	390430132.9DUP	Dilution Factor :	1
Date & Time Acquired ::	2019-05-13 14:39:18	DataFile Name :	029SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	11.74	11.23	11.42	11.46	2.26	ppb
Molybdenum	94-1	0.02	0.03	0.04	0.03	41.40	ppb
Molybdenum	95-1	0.05	0.02	0.02	0.03	60.85	ppb
Molybdenum	96-1	0.05	0.04	0.04	0.04	10.46	ppb
Molybdenum	97-1	0.04	0.04	0.02	0.04	36.21	ppb
Molybdenum	98-1	0.04	0.04	0.02	0.03	21.18	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	1.84	1.76	1.86	1.82	2.88	ppb
Phosphorus	31-2	207.90	181.03	184.76	191.23	7.61	ppb
Potassium	39-2	1673.59	1661.66	1648.25	1661.17	0.76	ppb
Rhodium	103-1				93		%
Rhodium	103-2				92		%
Scandium	45-1				96		%
Scandium	45-2				96		%
Selenium	77-2	0.91	3.62	1.82	2.12	65.13	ppb
Selenium	78-2	2.00	2.28	1.48	1.92	21.12	ppb
Selenium	82-1	1.49	1.79	1.53	1.61	10.25	ppb
Silicon	28-1	10685.84	10702.14	10767.88	10718.62	0.41	ppb
Silver	109-1	0.02	0.04	0.04	0.04	27.14	ppb
Silver	107-1	0.03	0.03	0.02	0.03	28.24	ppb
Sodium	23-2	11103.30	11062.89	10921.87	11029.35	0.86	ppb
Strontium	86-1	108.28	107.75	107.73	107.92	0.29	ppb
Strontium	88-1	106.52	105.65	104.41	105.53	1.00	ppb
Sulfur	34-1	4365.93	4282.30	4320.28	4322.84	0.97	ppb
Terbium	159-1				103		%
Terbium	159-2				96		%
Thallium	203-1	0.01	0.01	0.02	0.01	28.86	ppb
Thallium	205-1	0.01	0.01	0.01	0.01	2.05	ppb
Thorium	232-1	0.01	0.01	0.01	0.01	15.18	ppb
Tin	118-1	0.90	0.83	0.86	0.86	4.04	ppb
Titanium	47-1	1.21	1.17	1.23	1.20	2.30	ppb
Uranium	238-1	0.01	0.01	0.00	0.01	44.39	ppb
Vanadium	51-2	0.31	0.33	0.29	0.31	5.27	ppb
Yttrium	89-1				100		%
Yttrium	89-2				96		%

LB Number :	LB102728	Operator :	Jaswal
Lab Sample ID :	K2828-01DUP	Instrumnet Name :	P7
Client Sample ID :	390430132.9DUP	Dilution Factor :	1
Date & Time Acquired ::	2019-05-13 14:39:18	DataFile Name :	029SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zinc	66-2	73.27	74.55	72.79	73.54	1.24	ppb
Zirconium	90-1	0.00	0.01	0.01	0.01	80.67	ppb
Zirconium	91-1	0.00	0.00	-0.01	0.00		ppb

LB Number :	LB102728	Operator :	Jaswal
Lab Sample ID :	CCV68	Instrumnet Name :	P7
Client Sample ID :	CCV68	Dilution Factor :	1
Date & Time Acquired ::	2019-05-13 14:42:53	DataFile Name :	030CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	55254.67	54722.16	54661.71	54879.51	0.59	ppb
Antimony	121-1	532.51	539.83	539.10	537.14	0.75	ppb
Arsenic	75-2	496.65	496.75	497.73	497.04	0.12	ppb
Barium	135-1	2584.15	2602.81	2600.80	2595.92	0.39	ppb
Barium	137-1	2557.63	2584.66	2570.18	2570.82	0.53	ppb
Beryllium	9-1	501.51	501.93	498.71	500.72	0.35	ppb
Bismuth	209-1				90		%
Bismuth	209-2				86		%
Boron	10-1	487.48	502.36	502.14	497.33	1.71	ppb
Boron	11-1	495.04	504.65	507.74	502.48	1.32	ppb
Cadmium	111-1	471.88	472.90	466.62	470.47	0.72	ppb
Cadmium	106-1	493.13	489.26	484.50	488.96	0.88	ppb
Cadmium	108-1	488.88	490.22	475.90	485.00	1.63	ppb
Calcium	43-1	245469.53	245951.51	245812.67	245744.57	0.10	ppb
Calcium	44-1	244985.30	244523.10	245340.02	244949.48	0.17	ppb
Chromium	52-2	500.04	493.81	493.77	495.87	0.73	ppb
Cobalt	59-2	491.18	482.84	484.67	486.23	0.90	ppb
Copper	63-2	1010.98	997.86	998.65	1002.50	0.73	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				106		%
Holmium	165-2				98		%
Indium	115-1				92		%
Indium	115-2				90		%
Iron	56-2	131557.75	129388.97	129429.98	130125.57	0.95	ppb
Iron	57-2	131753.15	130011.19	129491.50	130418.61	0.91	ppb
Krypton	83-1						cps
Lead	206-1	500.96	505.45	507.20	504.53	0.64	ppb
Lead	207-1	501.37	505.17	504.72	503.75	0.41	ppb
Lead	208-1	513.68	517.44	517.06	516.06	0.40	ppb
Lithium	6-1				97		%
Magnesium	24-2	257995.83	253632.90	252667.80	254765.51	1.11	ppb

LB Number :	LB102728	Operator :	Jaswal
Lab Sample ID :	CCV68	Instrumnet Name :	P7
Client Sample ID :	CCV68	Dilution Factor :	1
Date & Time Acquired ::	2019-05-13 14:42:53	DataFile Name :	030CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	991.96	981.69	980.71	984.78	0.63	ppb
Molybdenum	94-1	2531.70	2526.77	2545.37	2534.61	0.38	ppb
Molybdenum	95-1	2542.66	2531.85	2532.14	2535.55	0.24	ppb
Molybdenum	96-1	2538.95	2528.94	2529.71	2532.53	0.22	ppb
Molybdenum	97-1	2535.33	2521.22	2524.01	2526.86	0.30	ppb
Molybdenum	98-1	2523.24	2515.27	2519.93	2519.48	0.16	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	529.82	521.12	525.22	525.39	0.83	ppb
Phosphorus	31-2	9981.28	10102.49	10011.06	10031.61	0.63	ppb
Potassium	39-2	128560.27	126453.33	126474.06	127162.55	0.95	ppb
Rhodium	103-1				86		%
Rhodium	103-2				85		%
Scandium	45-1				99		%
Scandium	45-2				100		%
Selenium	77-2	535.29	510.13	528.05	524.49	2.47	ppb
Selenium	78-2	523.82	520.39	524.94	523.05	0.45	ppb
Selenium	82-1	504.43	502.63	502.47	503.18	0.22	ppb
Silicon	28-1	519.71	530.82	534.32	528.28	1.44	ppb
Silver	109-1	463.21	466.89	461.87	463.99	0.56	ppb
Silver	107-1	468.23	471.28	467.73	469.08	0.41	ppb
Sodium	23-2	258970.92	254571.39	253340.40	255627.57	1.16	ppb
Strontium	86-1	500.75	496.50	497.18	498.15	0.46	ppb
Strontium	88-1	502.61	502.52	503.96	503.03	0.16	ppb
Sulfur	34-1	10348.59	10344.14	10174.17	10288.97	0.97	ppb
Terbium	159-1				104		%
Terbium	159-2				97		%
Thallium	203-1	505.80	507.42	505.24	506.15	0.22	ppb
Thallium	205-1	526.36	533.56	533.02	530.98	0.75	ppb
Thorium	232-1	535.73	537.52	543.90	539.05	0.80	ppb
Tin	118-1	479.53	490.48	490.68	486.90	1.31	ppb
Titanium	47-1	2501.81	2480.90	2481.72	2488.14	0.48	ppb
Uranium	238-1	534.21	540.68	536.97	537.29	0.60	ppb
Vanadium	51-2	509.46	502.20	503.36	505.01	0.77	ppb
Yttrium	89-1				100		%
Yttrium	89-2				97		%

LB Number :	LB102728	Operator :	Jaswal
Lab Sample ID :	CCV68	Instrumnet Name :	P7
Client Sample ID :	CCV68	Dilution Factor :	1
Date & Time Acquired ::	2019-05-13 14:42:53	DataFile Name :	030CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zinc	66-2	1005.00	988.86	992.85	995.57	0.84	ppb
Zirconium	90-1	511.15	511.14	513.86	512.05	0.31	ppb
Zirconium	91-1	503.25	499.27	505.01	502.51	0.59	ppb

LB Number :	LB102728	Operator :	Jaswal
Lab Sample ID :	CCB68	Instrumnet Name :	P7
Client Sample ID :	CCB68	Dilution Factor :	1
Date & Time Acquired ::	2019-05-13 14:46:35	DataFile Name :	031CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	1.67	1.41	1.24	1.44	15.21	ppb
Antimony	121-1	0.45	0.45	0.49	0.46	4.84	ppb
Arsenic	75-2	0.03	0.06	0.02	0.03	57.11	ppb
Barium	135-1	0.11	0.15	0.04	0.10	53.46	ppb
Barium	137-1	0.10	0.09	0.08	0.09	10.69	ppb
Beryllium	9-1	0.07	0.06	0.05	0.06	13.62	ppb
Bismuth	209-1				107		%
Bismuth	209-2				101		%
Boron	10-1	15.98	14.99	14.30	15.09	5.60	ppb
Boron	11-1	16.97	15.75	14.94	15.88	6.44	ppb
Cadmium	111-1	0.14	-0.14	-0.10	-0.03		ppb
Cadmium	106-1	0.90	-2.43	-1.86	-1.13		ppb
Cadmium	108-1	0.02	0.05	0.10	0.06	66.05	ppb
Calcium	43-1	9.73	6.43	8.85	8.34	20.49	ppb
Calcium	44-1	9.99	8.95	7.97	8.97	11.24	ppb
Chromium	52-2	0.03	0.00	-0.01	0.01	278.52	ppb
Cobalt	59-2	0.01	0.01	0.00	0.01	46.16	ppb
Copper	63-2	0.06	0.06	0.08	0.07	17.29	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				103		%
Indium	115-1				106		%
Indium	115-2				103		%
Iron	56-2	5.97	5.52	5.24	5.58	6.60	ppb
Iron	57-2	4.33	4.21	7.02	5.19	30.66	ppb
Krypton	83-1						cps
Lead	206-1	0.06	0.06	0.04	0.05	20.02	ppb
Lead	207-1	0.04	0.05	0.04	0.04	9.00	ppb
Lead	208-1	0.05	0.05	0.04	0.04	15.81	ppb
Lithium	6-1				106		%
Magnesium	24-2	7.59	7.85	6.84	7.43	7.11	ppb

LB Number :	LB102728	Operator :	Jaswal
Lab Sample ID :	CCB68	Instrumnet Name :	P7
Client Sample ID :	CCB68	Dilution Factor :	1
Date & Time Acquired ::	2019-05-13 14:46:35	DataFile Name :	031CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	0.03	0.03	0.05	0.04	39.55	ppb
Molybdenum	94-1	0.61	0.50	0.42	0.51	19.42	ppb
Molybdenum	95-1	0.82	0.62	0.63	0.69	16.71	ppb
Molybdenum	96-1	0.82	0.69	0.53	0.68	20.80	ppb
Molybdenum	97-1	0.75	0.66	0.57	0.66	13.60	ppb
Molybdenum	98-1	0.82	0.69	0.54	0.69	20.28	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.03	0.02	0.01	0.02	49.39	ppb
Phosphorus	31-2	-5.03	-5.09	-13.49	-7.87		ppb
Potassium	39-2	1.85	3.46	5.36	3.56	49.33	ppb
Rhodium	103-1				107		%
Rhodium	103-2				102		%
Scandium	45-1				105		%
Scandium	45-2				107		%
Selenium	77-2	0.00	0.00	0.00	0.00	N/A	ppb
Selenium	78-2	0.08	-0.06	-0.13	-0.03		ppb
Selenium	82-1	0.09	0.27	0.16	0.17	53.33	ppb
Silicon	28-1	12.83	12.42	11.41	12.22	5.95	ppb
Silver	109-1	0.03	0.02	0.03	0.03	16.36	ppb
Silver	107-1	0.04	0.04	0.03	0.04	5.28	ppb
Sodium	23-2	33.36	32.96	31.39	32.57	3.20	ppb
Strontium	86-1	0.01	-0.03	-0.03	-0.02		ppb
Strontium	88-1	0.03	0.02	0.02	0.02	14.06	ppb
Sulfur	34-1	-339.03	-264.96	-259.63	-287.87		ppb
Terbium	159-1				108		%
Terbium	159-2				102		%
Thallium	203-1	0.12	0.11	0.09	0.11	14.22	ppb
Thallium	205-1	0.12	0.12	0.09	0.11	12.67	ppb
Thorium	232-1	0.05	0.05	0.04	0.05	10.22	ppb
Tin	118-1	0.14	0.10	0.11	0.11	19.93	ppb
Titanium	47-1	0.14	0.13	0.13	0.13	2.73	ppb
Uranium	238-1	0.02	0.01	0.01	0.02	23.82	ppb
Vanadium	51-2	0.01	0.01	0.02	0.01	18.43	ppb
Yttrium	89-1				107		%
Yttrium	89-2				105		%

LB Number :	LB102728	Operator :	Jaswal
Lab Sample ID :	CCB68	Instrumnet Name :	P7
Client Sample ID :	CCB68	Dilution Factor :	1
Date & Time Acquired ::	2019-05-13 14:46:35	DataFile Name :	031CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zinc	66-2	-0.04	0.17	0.15	0.09	123.60	ppb
Zirconium	90-1	0.03	0.04	0.04	0.04	8.24	ppb
Zirconium	91-1	0.02	0.02	0.01	0.02	41.34	ppb

LB Number :	LB102728	Operator :	Jaswal
Lab Sample ID :	K2828-01LX5	Instrumnet Name :	P7
Client Sample ID :	390430132.9L	Dilution Factor :	5
Date & Time Acquired ::	2019-05-13 14:50:11	DataFile Name :	032SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	1.59	0.40	0.95	0.98	61.15	ppb
Antimony	121-1	0.16	0.16	0.16	0.16	0.19	ppb
Arsenic	75-2	0.02	0.06	-0.02	0.02	205.15	ppb
Barium	135-1	1.56	1.67	1.64	1.62	3.32	ppb
Barium	137-1	1.82	1.65	1.78	1.75	4.86	ppb
Beryllium	9-1	0.05	0.07	0.07	0.06	11.59	ppb
Bismuth	209-1				110		%
Bismuth	209-2				99		%
Boron	10-1	8.86	7.72	8.13	8.24	7.04	ppb
Boron	11-1	8.87	8.72	8.12	8.57	4.61	ppb
Cadmium	111-1	0.01	0.02	-0.12	-0.03		ppb
Cadmium	106-1	-0.16	-0.05	-1.65	-0.62		ppb
Cadmium	108-1	0.02	0.05	0.05	0.04	37.15	ppb
Calcium	43-1	3752.49	3658.53	3705.34	3705.45	1.27	ppb
Calcium	44-1	3712.33	3695.35	3732.87	3713.52	0.51	ppb
Chromium	52-2	0.17	0.15	0.17	0.16	8.68	ppb
Cobalt	59-2	0.01	0.01	0.01	0.01	23.32	ppb
Copper	63-2	26.73	26.44	26.67	26.61	0.57	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				110		%
Holmium	165-2				101		%
Indium	115-1				106		%
Indium	115-2				100		%
Iron	56-2	576.09	571.63	574.99	574.24	0.40	ppb
Iron	57-2	585.91	575.60	588.15	583.22	1.15	ppb
Krypton	83-1						cps
Lead	206-1	1.45	1.52	1.38	1.45	4.89	ppb
Lead	207-1	1.32	1.32	1.32	1.32	0.26	ppb
Lead	208-1	1.40	1.37	1.35	1.37	1.78	ppb
Lithium	6-1				105		%
Magnesium	24-2	1457.07	1463.84	1467.85	1462.92	0.37	ppb

LB Number :	LB102728	Operator :	Jaswal
Lab Sample ID :	K2828-01LX5	Instrumnet Name :	P7
Client Sample ID :	390430132.9L	Dilution Factor :	5
Date & Time Acquired ::	2019-05-13 14:50:11	DataFile Name :	032SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	2.12	2.29	2.30	2.24	4.38	ppb
Molybdenum	94-1	0.17	0.17	0.12	0.15	19.72	ppb
Molybdenum	95-1	0.20	0.21	0.18	0.19	8.05	ppb
Molybdenum	96-1	0.22	0.17	0.15	0.18	19.28	ppb
Molybdenum	97-1	0.18	0.19	0.18	0.18	3.66	ppb
Molybdenum	98-1	0.19	0.17	0.15	0.17	12.09	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.35	0.37	0.41	0.38	7.84	ppb
Phosphorus	31-2	35.58	50.42	49.43	45.14	18.38	ppb
Potassium	39-2	327.01	332.19	329.84	329.68	0.79	ppb
Rhodium	103-1				106		%
Rhodium	103-2				99		%
Scandium	45-1				104		%
Scandium	45-2				103		%
Selenium	77-2	0.00	0.43	0.43	0.28	86.60	ppb
Selenium	78-2	0.27	0.82	0.19	0.43	79.93	ppb
Selenium	82-1	0.35	0.45	0.54	0.45	21.05	ppb
Silicon	28-1	2149.10	2154.92	2167.83	2157.28	0.44	ppb
Silver	109-1	0.02	0.01	0.02	0.02	25.02	ppb
Silver	107-1	0.02	0.02	0.01	0.02	25.02	ppb
Sodium	23-2	2163.00	2140.36	2163.59	2155.65	0.61	ppb
Strontium	86-1	21.45	21.18	20.83	21.15	1.48	ppb
Strontium	88-1	21.15	20.91	20.54	20.87	1.48	ppb
Sulfur	34-1	237.86	156.25	130.34	174.82	32.10	ppb
Terbium	159-1				108		%
Terbium	159-2				100		%
Thallium	203-1	0.05	0.04	0.03	0.04	21.26	ppb
Thallium	205-1	0.04	0.03	0.03	0.03	14.95	ppb
Thorium	232-1	0.03	0.02	0.02	0.02	8.28	ppb
Tin	118-1	0.21	0.19	0.24	0.21	13.26	ppb
Titanium	47-1	0.31	0.23	0.30	0.28	15.02	ppb
Uranium	238-1	0.01	0.01	0.00	0.00	50.21	ppb
Vanadium	51-2	0.06	0.06	0.06	0.06	2.14	ppb
Yttrium	89-1				107		%
Yttrium	89-2				101		%

LB Number :	LB102728	Operator :	Jaswal
Lab Sample ID :	K2828-01LX5	Instrumnet Name :	P7
Client Sample ID :	390430132.9L	Dilution Factor :	5
Date & Time Acquired ::	2019-05-13 14:50:11	DataFile Name :	032SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zinc	66-2	15.49	15.91	15.20	15.53	2.30	ppb
Zirconium	90-1	0.02	0.03	0.01	0.02	41.40	ppb
Zirconium	91-1	0.01	0.02	0.02	0.02	18.41	ppb

LB Number :	LB102728	Operator :	Jaswal
Lab Sample ID :	K2828-01MS	Instrumnet Name :	P7
Client Sample ID :	390430132.9MS	Dilution Factor :	1
Date & Time Acquired ::	2019-05-13 14:53:47	DataFile Name :	033SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	2181.61	2980.63	2089.06	2417.10	20.28	ppb
Antimony	121-1	851.82	850.87	855.50	852.73	0.29	ppb
Arsenic	75-2	963.71	1310.62	951.32	1075.22	18.97	ppb
Barium	135-1	223.88	224.14	220.93	222.99	0.80	ppb
Barium	137-1	223.92	221.10	223.36	222.79	0.67	ppb
Beryllium	9-1	213.04	214.95	214.06	214.01	0.45	ppb
Bismuth	209-1				98		%
Bismuth	209-2				82		%
Boron	10-1	329.57	336.71	337.28	334.52	1.28	ppb
Boron	11-1	334.46	338.58	342.88	338.64	1.24	ppb
Cadmium	111-1	203.72	201.47	201.32	202.17	0.67	ppb
Cadmium	106-1	156.43	158.47	158.97	157.96	0.85	ppb
Cadmium	108-1	178.95	171.39	179.90	176.74	2.64	ppb
Calcium	43-1	19288.77	19210.49	19265.65	19254.97	0.21	ppb
Calcium	44-1	19694.85	19720.23	19860.02	19758.37	0.45	ppb
Chromium	52-2	464.87	646.25	453.95	521.69	20.70	ppb
Cobalt	59-2	236.45	330.44	233.06	266.65	20.73	ppb
Copper	63-2	476.52	662.99	470.61	536.71	20.38	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				105		%
Holmium	165-2				84		%
Indium	115-1				98		%
Indium	115-2				77		%
Iron	56-2	6733.12	9332.09	6590.40	7551.87	20.44	ppb
Iron	57-2	6605.72	9346.84	6481.30	7477.95	21.66	ppb
Krypton	83-1						cps
Lead	206-1	1109.29	1124.74	1125.25	1119.76	0.81	ppb
Lead	207-1	1081.90	1095.29	1090.00	1089.06	0.62	ppb
Lead	208-1	1092.29	1102.39	1104.23	1099.64	0.58	ppb
Lithium	6-1				97		%
Magnesium	24-2	9946.50	13810.53	9749.56	11168.86	20.50	ppb

LB Number :	LB102728	Operator :	Jaswal
Lab Sample ID :	K2828-01MS	Instrumnet Name :	P7
Client Sample ID :	390430132.9MS	Dilution Factor :	1
Date & Time Acquired ::	2019-05-13 14:53:47	DataFile Name :	033SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	239.84	334.80	237.38	270.68	20.52	ppb
Molybdenum	94-1	278.99	274.97	276.57	276.84	0.73	ppb
Molybdenum	95-1	401.04	397.10	401.68	399.94	0.62	ppb
Molybdenum	96-1	383.71	381.23	385.13	383.36	0.51	ppb
Molybdenum	97-1	402.44	395.74	402.96	400.38	1.01	ppb
Molybdenum	98-1	399.37	392.13	395.89	395.80	0.92	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	595.07	824.80	589.73	669.87	20.03	ppb
Phosphorus	31-2	6893.65	9524.58	6940.14	7786.12	19.34	ppb
Potassium	39-2	12634.14	17522.25	12506.67	14221.02	20.11	ppb
Rhodium	103-1				93		%
Rhodium	103-2				78		%
Scandium	45-1				96		%
Scandium	45-2				82		%
Selenium	77-2	2306.26	3107.34	2237.05	2550.21	18.97	ppb
Selenium	78-2	2262.65	3052.54	2224.20	2513.13	18.60	ppb
Selenium	82-1	2045.80	2031.31	2044.68	2040.60	0.39	ppb
Silicon	28-1	11416.40	11438.51	11505.30	11453.40	0.40	ppb
Silver	109-1	77.96	76.65	77.74	77.45	0.90	ppb
Silver	107-1	77.48	75.74	77.62	76.95	1.36	ppb
Sodium	23-2	15131.77	20879.76	14785.14	16932.23	20.22	ppb
Strontium	86-1	313.84	308.28	312.09	311.40	0.91	ppb
Strontium	88-1	317.44	314.79	317.95	316.73	0.53	ppb
Sulfur	34-1	3492.54	3411.63	3563.08	3489.08	2.17	ppb
Terbium	159-1				104		%
Terbium	159-2				84		%
Thallium	203-1	2184.55	2203.35	2210.75	2199.55	0.61	ppb
Thallium	205-1	2163.14	2183.57	2187.97	2178.23	0.61	ppb
Thorium	232-1	0.07	0.06	0.06	0.06	2.44	ppb
Tin	118-1	711.45	702.24	704.51	706.07	0.68	ppb
Titanium	47-1	211.43	207.44	212.93	210.60	1.35	ppb
Uranium	238-1	0.01	0.01	0.01	0.01	19.78	ppb
Vanadium	51-2	341.54	474.77	336.93	384.41	20.36	ppb
Yttrium	89-1				99		%
Yttrium	89-2				82		%

LB Number :	LB102728	Operator :	Jaswal
Lab Sample ID :	K2828-01MS	Instrumnet Name :	P7
Client Sample ID :	390430132.9MS	Dilution Factor :	1
Date & Time Acquired ::	2019-05-13 14:53:47	DataFile Name :	033SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zinc	66-2	290.11	400.70	287.89	326.23	19.77	ppb
Zirconium	90-1	0.47	0.44	0.42	0.44	5.17	ppb
Zirconium	91-1	0.78	0.88	0.74	0.80	9.02	ppb

LB Number :	LB102728	Operator :	Jaswal
Lab Sample ID :	K2828-01MSD	Instrumnet Name :	P7
Client Sample ID :	390430132.9MSD	Dilution Factor :	1
Date & Time Acquired ::	2019-05-13 14:57:23	DataFile Name :	034SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	1980.91	2035.96	2004.08	2006.98	1.38	ppb
Antimony	121-1	857.55	847.33	861.41	855.43	0.85	ppb
Arsenic	75-2	901.36	900.96	902.70	901.67	0.10	ppb
Barium	135-1	222.26	216.88	221.13	220.09	1.29	ppb
Barium	137-1	221.26	218.80	222.15	220.74	0.79	ppb
Beryllium	9-1	212.97	211.11	214.02	212.70	0.69	ppb
Bismuth	209-1				98		%
Bismuth	209-2				95		%
Boron	10-1	340.26	340.32	349.43	343.34	1.54	ppb
Boron	11-1	338.98	340.67	346.57	342.08	1.17	ppb
Cadmium	111-1	201.30	195.82	199.25	198.79	1.39	ppb
Cadmium	106-1	156.77	153.65	156.81	155.74	1.17	ppb
Cadmium	108-1	172.76	167.38	174.65	171.60	2.20	ppb
Calcium	43-1	19386.12	19151.37	19463.19	19333.56	0.84	ppb
Calcium	44-1	19712.89	19565.72	19889.14	19722.58	0.82	ppb
Chromium	52-2	430.89	429.14	430.18	430.07	0.20	ppb
Cobalt	59-2	219.37	220.65	220.24	220.09	0.30	ppb
Copper	63-2	443.71	445.94	439.23	442.96	0.77	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				105		%
Holmium	165-2				98		%
Indium	115-1				96		%
Indium	115-2				91		%
Iron	56-2	6301.71	6210.93	6213.83	6242.15	0.83	ppb
Iron	57-2	6168.82	6157.92	6158.42	6161.72	0.10	ppb
Krypton	83-1						cps
Lead	206-1	1108.74	1098.91	1117.78	1108.48	0.85	ppb
Lead	207-1	1078.26	1069.69	1093.95	1080.63	1.14	ppb
Lead	208-1	1090.72	1081.54	1101.00	1091.09	0.89	ppb
Lithium	6-1				95		%
Magnesium	24-2	9232.73	9230.87	9233.37	9232.32	0.01	ppb

LB Number :	LB102728	Operator :	Jaswal
Lab Sample ID :	K2828-01MSD	Instrumnet Name :	P7
Client Sample ID :	390430132.9MSD	Dilution Factor :	1
Date & Time Acquired ::	2019-05-13 14:57:23	DataFile Name :	034SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	223.45	225.54	224.56	224.52	0.46	ppb
Molybdenum	94-1	280.69	275.02	277.04	277.59	1.03	ppb
Molybdenum	95-1	405.03	395.80	402.85	401.23	1.20	ppb
Molybdenum	96-1	388.10	381.64	387.23	385.66	0.91	ppb
Molybdenum	97-1	404.60	396.04	401.64	400.76	1.08	ppb
Molybdenum	98-1	400.69	392.50	398.99	397.39	1.09	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	550.52	554.99	552.44	552.65	0.41	ppb
Phosphorus	31-2	6456.59	6451.46	6458.53	6455.52	0.06	ppb
Potassium	39-2	11770.13	11818.40	11774.61	11787.71	0.23	ppb
Rhodium	103-1				92		%
Rhodium	103-2				91		%
Scandium	45-1				94		%
Scandium	45-2				95		%
Selenium	77-2	2148.10	2146.03	2172.40	2155.51	0.68	ppb
Selenium	78-2	2117.09	2114.06	2121.58	2117.58	0.18	ppb
Selenium	82-1	2034.72	1988.85	2021.90	2015.16	1.17	ppb
Silicon	28-1	11431.41	11303.82	11547.68	11427.64	1.07	ppb
Silver	109-1	76.74	74.61	75.42	75.59	1.42	ppb
Silver	107-1	76.47	75.45	75.33	75.75	0.82	ppb
Sodium	23-2	14075.73	14018.38	13989.85	14027.98	0.31	ppb
Strontium	86-1	309.57	307.10	308.86	308.51	0.41	ppb
Strontium	88-1	315.12	312.12	316.96	314.73	0.78	ppb
Sulfur	34-1	3438.31	3221.60	3456.73	3372.21	3.88	ppb
Terbium	159-1				104		%
Terbium	159-2				98		%
Thallium	203-1	2158.20	2159.54	2195.17	2170.97	0.97	ppb
Thallium	205-1	2147.21	2135.82	2183.16	2155.40	1.15	ppb
Thorium	232-1	0.06	0.08	0.10	0.08	22.19	ppb
Tin	118-1	720.29	697.47	711.12	709.63	1.62	ppb
Titanium	47-1	213.80	213.31	219.03	215.38	1.47	ppb
Uranium	238-1	0.01	0.01	0.01	0.01	37.06	ppb
Vanadium	51-2	317.57	318.56	319.43	318.52	0.29	ppb
Yttrium	89-1				99		%
Yttrium	89-2				95		%

LB Number :	LB102728	Operator :	Jaswal
Lab Sample ID :	K2828-01MSD	Instrumnet Name :	P7
Client Sample ID :	390430132.9MSD	Dilution Factor :	1
Date & Time Acquired ::	2019-05-13 14:57:23	DataFile Name :	034SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zinc	66-2	270.73	269.81	273.46	271.33	0.70	ppb
Zirconium	90-1	0.34	0.33	0.35	0.34	3.36	ppb
Zirconium	91-1	0.72	0.64	0.71	0.69	6.71	ppb

LB Number :	LB102728	Operator :	Jaswal
Lab Sample ID :	K2828-01A	Instrumnet Name :	P7
Client Sample ID :	390430132.9A	Dilution Factor :	1
Date & Time Acquired ::	2019-05-13 15:00:59	DataFile Name :	035SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	2012.17	1995.20	1974.06	1993.81	0.96	ppb
Antimony	121-1	861.79	853.14	852.09	855.67	0.62	ppb
Arsenic	75-2	901.91	895.05	900.79	899.25	0.41	ppb
Barium	135-1	221.93	221.36	219.63	220.97	0.54	ppb
Barium	137-1	225.53	221.91	220.67	222.70	1.13	ppb
Beryllium	9-1	214.19	213.07	214.45	213.90	0.34	ppb
Bismuth	209-1				97		%
Bismuth	209-2				95		%
Boron	10-1	344.77	350.03	350.28	348.36	0.89	ppb
Boron	11-1	343.53	348.36	348.89	346.93	0.85	ppb
Cadmium	111-1	204.03	200.47	197.58	200.69	1.61	ppb
Cadmium	106-1	154.98	158.01	154.96	155.98	1.12	ppb
Cadmium	108-1	173.63	177.39	172.51	174.51	1.46	ppb
Calcium	43-1	19690.21	19442.69	19391.74	19508.21	0.82	ppb
Calcium	44-1	19868.10	19916.25	19926.96	19903.77	0.16	ppb
Chromium	52-2	434.55	431.26	433.12	432.98	0.38	ppb
Cobalt	59-2	223.80	220.04	222.77	222.20	0.87	ppb
Copper	63-2	446.84	443.62	442.70	444.39	0.49	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				98		%
Indium	115-1				96		%
Indium	115-2				91		%
Iron	56-2	6323.47	6219.49	6252.53	6265.16	0.85	ppb
Iron	57-2	6218.47	6124.88	6165.17	6169.51	0.76	ppb
Krypton	83-1						cps
Lead	206-1	1119.48	1129.48	1139.85	1129.61	0.90	ppb
Lead	207-1	1091.59	1098.43	1106.95	1098.99	0.70	ppb
Lead	208-1	1101.82	1110.17	1115.39	1109.13	0.62	ppb
Lithium	6-1				95		%
Magnesium	24-2	9338.26	9237.50	9233.94	9269.90	0.64	ppb

LB Number :	LB102728	Operator :	Jaswal
Lab Sample ID :	K2828-01A	Instrumnet Name :	P7
Client Sample ID :	390430132.9A	Dilution Factor :	1
Date & Time Acquired ::	2019-05-13 15:00:59	DataFile Name :	035SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	226.07	224.66	225.43	225.39	0.31	ppb
Molybdenum	94-1	280.50	278.58	275.49	278.19	0.91	ppb
Molybdenum	95-1	406.25	404.48	400.45	403.73	0.74	ppb
Molybdenum	96-1	390.56	388.89	385.27	388.24	0.70	ppb
Molybdenum	97-1	403.71	402.02	399.77	401.83	0.49	ppb
Molybdenum	98-1	403.94	399.32	397.32	400.20	0.85	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	562.22	551.93	555.16	556.44	0.95	ppb
Phosphorus	31-2	6562.92	6512.76	6349.33	6475.00	1.72	ppb
Potassium	39-2	11836.21	11743.21	11737.61	11772.34	0.47	ppb
Rhodium	103-1				91		%
Rhodium	103-2				91		%
Scandium	45-1				94		%
Scandium	45-2				95		%
Selenium	77-2	2124.88	2136.43	2194.88	2152.06	1.74	ppb
Selenium	78-2	2119.16	2115.11	2116.67	2116.98	0.10	ppb
Selenium	82-1	2067.07	2045.81	2046.31	2053.06	0.59	ppb
Silicon	28-1	11470.58	11507.73	11535.18	11504.50	0.28	ppb
Silver	109-1	77.02	75.90	75.28	76.06	1.16	ppb
Silver	107-1	77.42	76.96	75.91	76.77	1.01	ppb
Sodium	23-2	14248.76	13897.09	13996.78	14047.55	1.29	ppb
Strontium	86-1	313.39	314.99	312.44	313.61	0.41	ppb
Strontium	88-1	315.15	318.12	317.50	316.92	0.50	ppb
Sulfur	34-1	3555.18	3394.84	3329.69	3426.57	3.39	ppb
Terbium	159-1				104		%
Terbium	159-2				97		%
Thallium	203-1	2193.60	2215.88	2231.84	2213.77	0.87	ppb
Thallium	205-1	2178.81	2205.64	2220.59	2201.68	0.96	ppb
Thorium	232-1	0.08	0.07	0.07	0.07	8.66	ppb
Tin	118-1	720.40	708.07	697.44	708.64	1.62	ppb
Titanium	47-1	213.01	212.37	213.35	212.91	0.23	ppb
Uranium	238-1	0.01	0.01	0.00	0.01	19.80	ppb
Vanadium	51-2	322.96	318.02	319.85	320.27	0.78	ppb
Yttrium	89-1				98		%
Yttrium	89-2				95		%

LB Number :	LB102728	Operator :	Jaswal
Lab Sample ID :	K2828-01A	Instrumnet Name :	P7
Client Sample ID :	390430132.9A	Dilution Factor :	1
Date & Time Acquired ::	2019-05-13 15:00:59	DataFile Name :	035SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zinc	66-2	272.46	270.71	275.01	272.73	0.79	ppb
Zirconium	90-1	0.29	0.31	0.28	0.29	5.14	ppb
Zirconium	91-1	0.63	0.70	0.66	0.66	5.32	ppb

LB Number :	LB102728	Operator :	Jaswal
Lab Sample ID :	CCV69	Instrumnet Name :	P7
Client Sample ID :	CCV69	Dilution Factor :	1
Date & Time Acquired ::	2019-05-13 15:04:36	DataFile Name :	036CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	55745.87	55278.95	54704.79	55243.20	0.94	ppb
Antimony	121-1	479.51	479.91	475.87	478.43	0.47	ppb
Arsenic	75-2	493.03	493.49	485.03	490.52	0.97	ppb
Barium	135-1	2572.11	2585.01	2596.00	2584.37	0.46	ppb
Barium	137-1	2566.06	2563.50	2584.55	2571.37	0.45	ppb
Beryllium	9-1	496.35	499.91	499.47	498.58	0.39	ppb
Bismuth	209-1				89		%
Bismuth	209-2				85		%
Boron	10-1	499.64	505.09	510.61	505.11	1.09	ppb
Boron	11-1	499.26	507.39	514.66	507.10	1.52	ppb
Cadmium	111-1	512.20	514.62	512.12	512.98	0.28	ppb
Cadmium	106-1	521.31	515.90	515.63	517.61	0.62	ppb
Cadmium	108-1	515.34	515.18	515.12	515.21	0.02	ppb
Calcium	43-1	245456.73	245765.97	246881.83	246034.84	0.30	ppb
Calcium	44-1	245389.97	246620.10	247356.08	246455.38	0.40	ppb
Chromium	52-2	500.08	493.99	495.82	496.63	0.63	ppb
Cobalt	59-2	485.99	483.57	485.49	485.02	0.26	ppb
Copper	63-2	987.94	981.88	980.16	983.33	0.42	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				105		%
Holmium	165-2				97		%
Indium	115-1				89		%
Indium	115-2				89		%
Iron	56-2	131466.70	130731.94	130955.82	131051.49	0.29	ppb
Iron	57-2	132242.81	130191.48	130573.47	131002.59	0.83	ppb
Krypton	83-1						cps
Lead	206-1	505.02	507.81	509.10	507.31	0.41	ppb
Lead	207-1	503.67	508.17	505.27	505.70	0.45	ppb
Lead	208-1	516.74	520.16	520.70	519.20	0.41	ppb
Lithium	6-1				96		%
Magnesium	24-2	260858.29	258485.97	257460.99	258935.09	0.67	ppb

LB Number :	LB102728	Operator :	Jaswal
Lab Sample ID :	CCV69	Instrumnet Name :	P7
Client Sample ID :	CCV69	Dilution Factor :	1
Date & Time Acquired ::	2019-05-13 15:04:36	DataFile Name :	036CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	987.60	984.13	985.18	985.64	0.18	ppb
Molybdenum	94-1	2556.72	2549.13	2542.35	2549.40	0.28	ppb
Molybdenum	95-1	2542.45	2539.01	2538.08	2539.85	0.09	ppb
Molybdenum	96-1	2540.44	2526.59	2537.26	2534.76	0.29	ppb
Molybdenum	97-1	2537.80	2528.50	2532.32	2532.87	0.18	ppb
Molybdenum	98-1	2525.04	2528.14	2534.74	2529.31	0.20	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	522.51	522.44	519.00	521.32	0.38	ppb
Phosphorus	31-2	10077.52	9842.29	9913.44	9944.42	1.21	ppb
Potassium	39-2	129065.17	127536.51	127580.89	128060.86	0.68	ppb
Rhodium	103-1				84		%
Rhodium	103-2				84		%
Scandium	45-1				96		%
Scandium	45-2				99		%
Selenium	77-2	528.16	556.20	538.28	540.88	2.63	ppb
Selenium	78-2	526.75	533.51	532.85	531.04	0.70	ppb
Selenium	82-1	505.31	496.77	500.01	500.70	0.86	ppb
Silicon	28-1	531.45	542.79	544.38	539.54	1.31	ppb
Silver	109-1	483.37	481.61	481.36	482.12	0.23	ppb
Silver	107-1	485.05	485.14	480.67	483.62	0.53	ppb
Sodium	23-2	260399.63	258939.99	256108.43	258482.68	0.84	ppb
Strontium	86-1	500.70	493.12	494.74	496.19	0.80	ppb
Strontium	88-1	507.20	503.21	503.44	504.61	0.44	ppb
Sulfur	34-1	10117.26	10045.41	10188.79	10117.15	0.71	ppb
Terbium	159-1				103		%
Terbium	159-2				97		%
Thallium	203-1	512.39	506.32	506.92	508.54	0.66	ppb
Thallium	205-1	536.75	542.12	541.62	540.17	0.55	ppb
Thorium	232-1	541.00	547.65	546.12	544.92	0.64	ppb
Tin	118-1	486.64	486.49	483.69	485.61	0.34	ppb
Titanium	47-1	2494.95	2499.61	2480.03	2491.53	0.41	ppb
Uranium	238-1	541.06	542.72	540.81	541.53	0.19	ppb
Vanadium	51-2	509.99	504.46	503.18	505.88	0.72	ppb
Yttrium	89-1				98		%
Yttrium	89-2				96		%

LB Number :	LB102728	Operator :	Jaswal
Lab Sample ID :	CCV69	Instrumnet Name :	P7
Client Sample ID :	CCV69	Dilution Factor :	1
Date & Time Acquired ::	2019-05-13 15:04:36	DataFile Name :	036CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zinc	66-2	981.98	973.55	969.76	975.10	0.64	ppb
Zirconium	90-1	511.84	512.63	512.24	512.24	0.08	ppb
Zirconium	91-1	504.37	504.17	499.76	502.77	0.52	ppb

LB Number :	LB102728	Operator :	Jaswal
Lab Sample ID :	CCB69	Instrumnet Name :	P7
Client Sample ID :	CCB69	Dilution Factor :	1
Date & Time Acquired ::	2019-05-13 15:08:18	DataFile Name :	037CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	2.89	1.51	0.98	1.79	55.09	ppb
Antimony	121-1	0.44	0.51	0.55	0.50	10.64	ppb
Arsenic	75-2	-0.03	0.09	0.18	0.08	137.09	ppb
Barium	135-1	0.18	0.14	0.13	0.15	20.12	ppb
Barium	137-1	0.24	0.19	0.14	0.19	24.85	ppb
Beryllium	9-1	0.13	0.08	0.10	0.10	20.43	ppb
Bismuth	209-1				110		%
Bismuth	209-2				100		%
Boron	10-1	19.98	18.25	17.00	18.41	8.12	ppb
Boron	11-1	20.11	18.83	17.08	18.67	8.14	ppb
Cadmium	111-1	-0.05	-0.04	0.16	0.03	477.52	ppb
Cadmium	106-1	-1.68	-1.62	1.10	-0.73		ppb
Cadmium	108-1	0.08	0.07	0.20	0.12	62.01	ppb
Calcium	43-1	22.44	20.71	17.37	20.17	12.78	ppb
Calcium	44-1	19.45	16.23	13.68	16.45	17.57	ppb
Chromium	52-2	-0.01	0.02	0.01	0.01	193.24	ppb
Cobalt	59-2	0.03	0.02	0.02	0.02	25.05	ppb
Copper	63-2	0.07	0.09	0.07	0.07	16.11	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				102		%
Indium	115-1				106		%
Indium	115-2				102		%
Iron	56-2	5.74	5.31	5.16	5.40	5.62	ppb
Iron	57-2	5.21	5.47	4.57	5.08	9.20	ppb
Krypton	83-1						cps
Lead	206-1	0.12	0.09	0.07	0.10	22.60	ppb
Lead	207-1	0.10	0.10	0.08	0.09	15.15	ppb
Lead	208-1	0.11	0.09	0.08	0.09	17.21	ppb
Lithium	6-1				106		%
Magnesium	24-2	10.77	10.31	8.12	9.74	14.53	ppb

LB Number :	LB102728	Operator :	Jaswal
Lab Sample ID :	CCB69	Instrumnet Name :	P7
Client Sample ID :	CCB69	Dilution Factor :	1
Date & Time Acquired ::	2019-05-13 15:08:18	DataFile Name :	037CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	0.05	0.05	0.03	0.05	28.10	ppb
Molybdenum	94-1	0.69	0.63	0.50	0.61	15.79	ppb
Molybdenum	95-1	0.90	0.71	0.69	0.77	14.79	ppb
Molybdenum	96-1	0.86	0.71	0.70	0.76	11.72	ppb
Molybdenum	97-1	0.91	0.81	0.71	0.81	12.38	ppb
Molybdenum	98-1	0.89	0.69	0.65	0.74	17.39	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.03	0.04	0.04	0.04	11.61	ppb
Phosphorus	31-2	-16.97	-11.72	-13.47	-14.05		ppb
Potassium	39-2	4.76	6.07	5.59	5.47	12.14	ppb
Rhodium	103-1				106		%
Rhodium	103-2				101		%
Scandium	45-1				104		%
Scandium	45-2				107		%
Selenium	77-2	0.00	0.00	0.42	0.14	173.21	ppb
Selenium	78-2	0.57	0.28	0.77	0.54	45.15	ppb
Selenium	82-1	0.11	0.06	0.43	0.20	99.41	ppb
Silicon	28-1	10.09	9.06	8.36	9.17	9.53	ppb
Silver	109-1	0.07	0.07	0.04	0.06	22.97	ppb
Silver	107-1	0.09	0.06	0.05	0.07	29.61	ppb
Sodium	23-2	37.82	35.69	33.16	35.55	6.56	ppb
Strontium	86-1	0.09	0.00	0.02	0.04	119.28	ppb
Strontium	88-1	0.04	0.04	0.02	0.03	29.19	ppb
Sulfur	34-1	-382.47	-463.86	-445.18	-430.50		ppb
Terbium	159-1				109		%
Terbium	159-2				101		%
Thallium	203-1	0.29	0.23	0.22	0.25	14.77	ppb
Thallium	205-1	0.25	0.22	0.21	0.22	9.15	ppb
Thorium	232-1	0.09	0.07	0.07	0.08	11.72	ppb
Tin	118-1	0.18	0.20	0.18	0.18	6.40	ppb
Titanium	47-1	0.22	0.13	0.17	0.17	23.94	ppb
Uranium	238-1	0.04	0.03	0.02	0.03	32.75	ppb
Vanadium	51-2	0.02	0.02	0.02	0.02	20.02	ppb
Yttrium	89-1				107		%
Yttrium	89-2				104		%

LB Number :	LB102728	Operator :	Jaswal
Lab Sample ID :	CCB69	Instrumnet Name :	P7
Client Sample ID :	CCB69	Dilution Factor :	1
Date & Time Acquired ::	2019-05-13 15:08:18	DataFile Name :	037CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zinc	66-2	0.17	0.25	0.17	0.19	23.14	ppb
Zirconium	90-1	0.06	0.05	0.04	0.05	15.77	ppb
Zirconium	91-1	0.06	0.03	0.03	0.04	51.58	ppb

LB Number :	LB102728	Operator :	Jaswal
Lab Sample ID :	PB119538BL	Instrumnet Name :	P7
Client Sample ID :	PB119538BL	Dilution Factor :	1
Date & Time Acquired ::	2019-05-13 15:47:35	DataFile Name :	038CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	-0.17	-0.26	-0.52	-0.31		ppb
Antimony	121-1	0.11	0.08	0.07	0.08	21.49	ppb
Arsenic	75-2	0.05	-0.05	-0.02	-0.01		ppb
Barium	135-1	0.00	-0.02	-0.02	-0.01		ppb
Barium	137-1	0.00	0.00	0.00	0.00	4.28	ppb
Beryllium	9-1	0.03	0.01	0.02	0.02	57.96	ppb
Bismuth	209-1				104		%
Bismuth	209-2				101		%
Boron	10-1	1.39	1.40	1.11	1.30	12.43	ppb
Boron	11-1	1.15	1.12	1.15	1.14	1.45	ppb
Cadmium	111-1	-0.13	-0.03	-0.16	-0.11		ppb
Cadmium	106-1	-1.65	-0.49	-1.95	-1.36		ppb
Cadmium	108-1	0.00	0.00	0.05	0.02	190.51	ppb
Calcium	43-1	-2.45	-1.07	-2.40	-1.97		ppb
Calcium	44-1	-2.04	-0.87	-0.22	-1.05		ppb
Chromium	52-2	0.03	0.04	0.02	0.03	37.87	ppb
Cobalt	59-2	-0.01	0.00	0.00	0.00		ppb
Copper	63-2	0.00	-0.01	-0.02	-0.01		ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				107		%
Holmium	165-2				103		%
Indium	115-1				106		%
Indium	115-2				104		%
Iron	56-2	0.12	0.27	0.14	0.18	45.67	ppb
Iron	57-2	0.06	-0.40	0.98	0.21	330.53	ppb
Krypton	83-1						cps
Lead	206-1	0.01	0.01	0.01	0.01	36.73	ppb
Lead	207-1	0.00	0.01	0.00	0.00	267.96	ppb
Lead	208-1	0.00	0.01	0.01	0.01	59.99	ppb
Lithium	6-1				110		%
Magnesium	24-2	0.59	0.78	0.06	0.48	77.40	ppb

LB Number :	LB102728	Operator :	Jaswal
Lab Sample ID :	PB119538BL	Instrumnet Name :	P7
Client Sample ID :	PB119538BL	Dilution Factor :	1
Date & Time Acquired ::	2019-05-13 15:47:35	DataFile Name :	038CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	0.00	-0.01	-0.01	-0.01		ppb
Molybdenum	94-1	0.04	0.02	-0.01	0.02	152.34	ppb
Molybdenum	95-1	0.05	0.02	0.03	0.03	56.30	ppb
Molybdenum	96-1	0.04	0.04	0.03	0.04	9.31	ppb
Molybdenum	97-1	0.06	0.01	0.02	0.03	95.48	ppb
Molybdenum	98-1	0.04	0.04	0.03	0.04	22.08	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	-0.01	0.03	0.01	0.01	161.56	ppb
Phosphorus	31-2	-2.17	-9.15	-14.47	-8.60		ppb
Potassium	39-2	-2.42	1.62	-2.03	-0.94		ppb
Rhodium	103-1				107		%
Rhodium	103-2				104		%
Scandium	45-1				107		%
Scandium	45-2				109		%
Selenium	77-2	0.00	0.00	0.00	0.00	N/A	ppb
Selenium	78-2	0.74	0.51	-0.08	0.39	108.99	ppb
Selenium	82-1	-0.05	-0.06	-0.41	-0.17		ppb
Silicon	28-1	0.48	0.34	0.52	0.44	21.02	ppb
Silver	109-1	0.00	0.00	0.00	0.00	234.14	ppb
Silver	107-1	0.00	0.00	0.00	0.00		ppb
Sodium	23-2	3.80	2.93	3.57	3.43	13.12	ppb
Strontium	86-1	0.01	-0.05	-0.04	-0.03		ppb
Strontium	88-1	0.00	0.00	0.00	0.00		ppb
Sulfur	34-1	83.94	17.00	202.39	101.11	92.85	ppb
Terbium	159-1				106		%
Terbium	159-2				103		%
Thallium	203-1	0.02	0.02	0.02	0.02	11.04	ppb
Thallium	205-1	0.02	0.01	0.01	0.02	30.29	ppb
Thorium	232-1	0.01	0.01	0.01	0.01	3.94	ppb
Tin	118-1	0.01	0.03	0.00	0.01	148.31	ppb
Titanium	47-1	0.00	-0.01	-0.05	-0.02		ppb
Uranium	238-1	0.00	0.00	0.00	0.00		ppb
Vanadium	51-2	0.00	0.00	0.00	0.00	34.64	ppb
Yttrium	89-1				107		%
Yttrium	89-2				107		%

LB Number :	LB102728	Operator :	Jaswal
Lab Sample ID :	PB119538BL	Instrumnet Name :	P7
Client Sample ID :	PB119538BL	Dilution Factor :	1
Date & Time Acquired ::	2019-05-13 15:47:35	DataFile Name :	038CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zinc	66-2	-0.43	-0.40	-0.49	-0.44		ppb
Zirconium	90-1	0.00	0.00	0.01	0.00	191.11	ppb
Zirconium	91-1	0.00	0.00	0.00	0.00		ppb

LB Number :	LB102728	Operator :	Jaswal
Lab Sample ID :	PB119538BS	Instrumnet Name :	P7
Client Sample ID :	PB119538BS	Dilution Factor :	1
Date & Time Acquired ::	2019-05-13 15:51:12	DataFile Name :	039LCS6.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	9843.14	9759.31	9955.27	9852.57	1.00	ppb
Antimony	121-1	501.45	497.48	497.36	498.76	0.47	ppb
Arsenic	75-2	527.90	523.42	520.60	523.97	0.70	ppb
Barium	135-1	2590.92	2573.73	2574.01	2579.55	0.38	ppb
Barium	137-1	2571.98	2574.46	2568.55	2571.66	0.12	ppb
Beryllium	9-1	510.52	515.21	512.34	512.69	0.46	ppb
Bismuth	209-1				97		%
Bismuth	209-2				92		%
Boron	10-1	478.06	495.39	499.80	491.09	2.34	ppb
Boron	11-1	482.23	493.07	500.14	491.81	1.83	ppb
Cadmium	111-1	489.87	480.15	482.72	484.24	1.04	ppb
Cadmium	106-1	495.82	488.33	492.77	492.31	0.77	ppb
Cadmium	108-1	498.83	494.27	493.28	495.46	0.60	ppb
Calcium	43-1	48514.44	48940.91	49164.98	48873.44	0.68	ppb
Calcium	44-1	49045.93	49560.32	49608.04	49404.76	0.63	ppb
Chromium	52-2	510.42	508.36	510.73	509.84	0.25	ppb
Cobalt	59-2	513.91	509.67	510.20	511.26	0.45	ppb
Copper	63-2	955.54	942.56	955.47	951.19	0.79	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				104		%
Holmium	165-2				98		%
Indium	115-1				92		%
Indium	115-2				91		%
Iron	56-2	26810.13	26427.91	26615.31	26617.78	0.72	ppb
Iron	57-2	26268.23	25989.36	26304.37	26187.32	0.66	ppb
Krypton	83-1						cps
Lead	206-1	489.43	489.71	490.35	489.83	0.10	ppb
Lead	207-1	489.59	490.89	489.11	489.86	0.19	ppb
Lead	208-1	498.73	502.50	500.99	500.74	0.38	ppb
Lithium	6-1				98		%
Magnesium	24-2	53291.83	52840.05	53077.95	53069.94	0.43	ppb

LB Number :	LB102728	Operator :	Jaswal
Lab Sample ID :	PB119538BS	Instrumnet Name :	P7
Client Sample ID :	PB119538BS	Dilution Factor :	1
Date & Time Acquired ::	2019-05-13 15:51:12	DataFile Name :	039LCS6.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	1025.19	1010.85	1024.76	1020.27	0.80	ppb
Molybdenum	94-1	2537.03	2536.98	2529.51	2534.51	0.17	ppb
Molybdenum	95-1	2537.37	2532.10	2536.78	2535.42	0.11	ppb
Molybdenum	96-1	2525.98	2518.92	2518.81	2521.24	0.16	ppb
Molybdenum	97-1	2548.82	2527.16	2524.93	2533.64	0.52	ppb
Molybdenum	98-1	2547.78	2518.36	2528.11	2531.42	0.59	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	512.76	510.71	513.00	512.16	0.25	ppb
Phosphorus	31-2	10324.20	10559.51	10361.12	10414.94	1.22	ppb
Potassium	39-2	24809.42	24586.00	24803.80	24733.07	0.52	ppb
Rhodium	103-1				89		%
Rhodium	103-2				89		%
Scandium	45-1				94		%
Scandium	45-2				95		%
Selenium	77-2	518.35	511.11	531.24	520.23	1.96	ppb
Selenium	78-2	528.14	529.55	531.17	529.62	0.29	ppb
Selenium	82-1	511.44	509.77	512.43	511.21	0.26	ppb
Silicon	28-1	524.78	537.05	543.39	535.07	1.77	ppb
Silver	109-1	472.82	465.83	468.07	468.91	0.76	ppb
Silver	107-1	474.36	469.76	471.37	471.83	0.49	ppb
Sodium	23-2	52102.00	51697.11	52000.36	51933.16	0.41	ppb
Strontium	86-1	503.48	499.95	501.78	501.74	0.35	ppb
Strontium	88-1	505.88	500.56	508.31	504.91	0.78	ppb
Sulfur	34-1	10790.50	10806.64	10754.39	10783.84	0.25	ppb
Terbium	159-1				103		%
Terbium	159-2				97		%
Thallium	203-1	488.02	485.45	485.26	486.24	0.32	ppb
Thallium	205-1	512.16	516.82	514.08	514.36	0.46	ppb
Thorium	232-1	496.46	502.02	500.94	499.81	0.59	ppb
Tin	118-1	500.69	498.80	497.52	499.01	0.32	ppb
Titanium	47-1	2504.34	2516.73	2526.52	2515.86	0.44	ppb
Uranium	238-1	491.86	498.38	496.94	495.73	0.69	ppb
Vanadium	51-2	509.74	507.96	511.20	509.63	0.32	ppb
Yttrium	89-1				97		%
Yttrium	89-2				94		%

LB Number :	LB102728	Operator :	Jaswal
Lab Sample ID :	PB119538BS	Instrumnet Name :	P7
Client Sample ID :	PB119538BS	Dilution Factor :	1
Date & Time Acquired ::	2019-05-13 15:51:12	DataFile Name :	039LCS6.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zinc	66-2	953.95	946.18	955.38	951.84	0.52	ppb
Zirconium	90-1	509.93	510.43	507.97	509.44	0.25	ppb
Zirconium	91-1	504.77	498.45	500.47	501.23	0.64	ppb

LB Number :	LB102728	Operator :	Jaswal
Lab Sample ID :	K2721-01	Instrumnet Name :	P7
Client Sample ID :	SS003RW114R-190506	Dilution Factor :	1
Date & Time Acquired ::	2019-05-13 15:54:49	DataFile Name :	040SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	0.98	2.83	1.90	1.90	48.41	ppb
Antimony	121-1	2.66	2.55	2.51	2.57	3.10	ppb
Arsenic	75-2	1.24	1.06	1.11	1.14	7.94	ppb
Barium	135-1	30.31	30.30	30.13	30.25	0.34	ppb
Barium	137-1	30.77	30.10	30.51	30.46	1.10	ppb
Beryllium	9-1	0.06	0.08	0.07	0.07	15.23	ppb
Bismuth	209-1				99		%
Bismuth	209-2				88		%
Boron	10-1	371.02	376.26	374.09	373.79	0.70	ppb
Boron	11-1	392.41	393.33	395.95	393.90	0.47	ppb
Cadmium	111-1	0.18	0.04	0.07	0.10	81.51	ppb
Cadmium	106-1	-1.59	-3.06	-1.99	-2.22		ppb
Cadmium	108-1	0.31	0.19	0.28	0.26	22.78	ppb
Calcium	43-1	313249.94	319680.13	316739.19	316556.42	1.02	ppb
Calcium	44-1	314030.83	320400.97	316435.96	316955.92	1.01	ppb
Chromium	52-2	8.53	8.30	8.54	8.46	1.60	ppb
Cobalt	59-2	8.62	8.37	8.62	8.54	1.67	ppb
Copper	63-2	8.03	7.68	8.10	7.93	2.85	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				101		%
Holmium	165-2				91		%
Indium	115-1				88		%
Indium	115-2				83		%
Iron	56-2	11.36	10.53	10.92	10.94	3.79	ppb
Iron	57-2	1046.16	1022.71	1017.11	1028.66	1.50	ppb
Krypton	83-1						cps
Lead	206-1	1.43	1.27	1.20	1.30	8.87	ppb
Lead	207-1	1.40	1.23	1.14	1.26	10.53	ppb
Lead	208-1	1.41	1.26	1.18	1.28	8.87	ppb
Lithium	6-1				101		%
Magnesium	24-2	13315.59	13100.75	13154.52	13190.29	0.85	ppb

LB Number :	LB102728	Operator :	Jaswal
Lab Sample ID :	K2721-01	Instrumnet Name :	P7
Client Sample ID :	SS003RW114R-190506	Dilution Factor :	1
Date & Time Acquired ::	2019-05-13 15:54:49	DataFile Name :	040SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	288.81	285.05	289.74	287.87	0.86	ppb
Molybdenum	94-1	2.26	2.19	1.94	2.13	7.92	ppb
Molybdenum	95-1	2.90	2.77	2.74	2.80	3.15	ppb
Molybdenum	96-1	2.93	2.79	2.72	2.81	3.80	ppb
Molybdenum	97-1	3.05	2.90	2.67	2.87	6.72	ppb
Molybdenum	98-1	2.97	2.77	2.72	2.82	4.74	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	35.47	33.70	35.06	34.74	2.66	ppb
Phosphorus	31-2	17.76	12.71	5.20	11.89	53.16	ppb
Potassium	39-2	5180.15	5117.19	5168.49	5155.28	0.65	ppb
Rhodium	103-1				83		%
Rhodium	103-2				80		%
Scandium	45-1				90		%
Scandium	45-2				84		%
Selenium	77-2	4.04	6.10	5.11	5.08	20.26	ppb
Selenium	78-2	1.29	1.64	1.74	1.56	15.09	ppb
Selenium	82-1	2.93	2.91	3.24	3.03	5.98	ppb
Silicon	28-1	10096.31	10194.27	10116.86	10135.81	0.51	ppb
Silver	109-1	0.48	0.38	0.34	0.40	18.28	ppb
Silver	107-1	0.52	0.36	0.33	0.40	25.55	ppb
Sodium	23-2	123719.19	120566.76	122090.48	122125.48	1.29	ppb
Strontium	86-1	597.57	597.99	590.47	595.34	0.71	ppb
Strontium	88-1	605.52	609.08	605.48	606.69	0.34	ppb
Sulfur	34-1	223473.72	226209.51	223597.19	224426.80	0.69	ppb
Terbium	159-1				99		%
Terbium	159-2				90		%
Thallium	203-1	1.23	0.91	0.63	0.93	32.46	ppb
Thallium	205-1	1.19	0.90	0.73	0.94	24.95	ppb
Thorium	232-1	0.41	0.36	0.30	0.36	16.61	ppb
Tin	118-1	1.33	1.22	1.16	1.24	6.93	ppb
Titanium	47-1	1.79	1.75	1.65	1.73	4.01	ppb
Uranium	238-1	2.57	2.68	2.66	2.64	2.22	ppb
Vanadium	51-2	2.20	2.07	1.93	2.07	6.50	ppb
Yttrium	89-1				93		%
Yttrium	89-2				85		%

LB Number :	LB102728	Operator :	Jaswal
Lab Sample ID :	K2721-01	Instrumnet Name :	P7
Client Sample ID :	SS003RW114R-190506	Dilution Factor :	1
Date & Time Acquired ::	2019-05-13 15:54:49	DataFile Name :	040SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zinc	66-2	9.42	9.50	9.02	9.31	2.72	ppb
Zirconium	90-1	0.10	0.08	0.08	0.09	17.28	ppb
Zirconium	91-1	0.07	0.09	0.13	0.10	30.63	ppb

LB Number : LB102728 Operator : Jaswal
 Lab Sample ID : K2721-01DUP Instrumnet Name : P7
 Client Sample ID : SS003RW114R-190506C Dilution Factor : 1
 Date & Time Acquired :: 2019-05-13 15:58:27 DataFile Name : 041SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	1.78	0.88	1.84	1.50	35.83	ppb
Antimony	121-1	1.65	1.55	1.61	1.61	2.97	ppb
Arsenic	75-2	1.08	1.03	0.87	0.99	10.77	ppb
Barium	135-1	28.87	29.88	28.53	29.09	2.41	ppb
Barium	137-1	29.94	29.99	29.30	29.75	1.29	ppb
Beryllium	9-1	0.04	0.02	0.04	0.04	31.07	ppb
Bismuth	209-1				94		%
Bismuth	209-2				82		%
Boron	10-1	366.81	377.53	384.65	376.33	2.39	ppb
Boron	11-1	388.15	397.01	400.73	395.30	1.64	ppb
Cadmium	111-1	-0.03	-0.13	-0.08	-0.08		ppb
Cadmium	106-1	-1.72	-3.04	-2.11	-2.29		ppb
Cadmium	108-1	0.17	0.17	0.11	0.15	21.63	ppb
Calcium	43-1	311924.76	313208.02	315632.86	313588.55	0.60	ppb
Calcium	44-1	313955.76	312938.26	317520.30	314804.77	0.76	ppb
Chromium	52-2	8.18	8.25	8.76	8.39	3.79	ppb
Cobalt	59-2	8.54	8.48	8.74	8.58	1.59	ppb
Copper	63-2	8.91	8.96	9.50	9.13	3.58	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				99		%
Holmium	165-2				85		%
Indium	115-1				84		%
Indium	115-2				75		%
Iron	56-2	9.55	9.93	9.92	9.80	2.20	ppb
Iron	57-2	985.52	991.54	1051.74	1009.60	3.63	ppb
Krypton	83-1						cps
Lead	206-1	1.02	0.97	1.01	1.00	2.32	ppb
Lead	207-1	0.88	0.94	0.92	0.91	3.66	ppb
Lead	208-1	0.94	0.95	0.95	0.95	0.62	ppb
Lithium	6-1				88		%
Magnesium	24-2	13020.40	13015.61	13052.38	13029.46	0.15	ppb

LB Number : LB102728 Operator : Jaswal
 Lab Sample ID : K2721-01DUP Instrumnet Name : P7
 Client Sample ID : SS003RW114R-190506C Dilution Factor : 1
 Date & Time Acquired :: 2019-05-13 15:58:27 DataFile Name : 041SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	288.49	287.49	290.64	288.87	0.56	ppb
Molybdenum	94-1	1.65	1.67	1.59	1.64	2.57	ppb
Molybdenum	95-1	2.22	2.30	2.37	2.30	3.31	ppb
Molybdenum	96-1	2.26	2.15	2.19	2.20	2.57	ppb
Molybdenum	97-1	2.15	2.36	2.47	2.33	7.06	ppb
Molybdenum	98-1	2.23	2.34	2.27	2.28	2.54	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	35.06	34.99	35.18	35.08	0.28	ppb
Phosphorus	31-2	17.31	-0.09	44.68	20.63	109.41	ppb
Potassium	39-2	5055.33	5018.97	5070.95	5048.42	0.53	ppb
Rhodium	103-1				79		%
Rhodium	103-2				72		%
Scandium	45-1				81		%
Scandium	45-2				71		%
Selenium	77-2	6.30	5.17	6.39	5.96	11.40	ppb
Selenium	78-2	1.82	0.89	1.20	1.30	36.47	ppb
Selenium	82-1	2.74	2.80	3.39	2.98	12.12	ppb
Silicon	28-1	9806.30	9829.28	9888.86	9841.48	0.43	ppb
Silver	109-1	0.17	0.16	0.15	0.16	8.68	ppb
Silver	107-1	0.15	0.15	0.13	0.15	7.38	ppb
Sodium	23-2	121640.73	120372.68	121001.55	121004.99	0.52	ppb
Strontium	86-1	597.52	626.94	620.65	615.04	2.52	ppb
Strontium	88-1	605.91	634.67	635.08	625.22	2.67	ppb
Sulfur	34-1	218965.91	219974.49	221006.14	219982.18	0.46	ppb
Terbium	159-1				98		%
Terbium	159-2				83		%
Thallium	203-1	0.19	0.17	0.16	0.17	6.88	ppb
Thallium	205-1	0.17	0.19	0.17	0.18	8.07	ppb
Thorium	232-1	0.11	0.11	0.10	0.11	5.37	ppb
Tin	118-1	0.66	0.66	0.68	0.66	1.84	ppb
Titanium	47-1	1.53	1.71	1.54	1.59	6.27	ppb
Uranium	238-1	2.73	2.76	2.81	2.77	1.44	ppb
Vanadium	51-2	2.31	2.20	2.25	2.25	2.55	ppb
Yttrium	89-1				84		%
Yttrium	89-2				75		%

LB Number :	LB102728	Operator :	Jaswal
Lab Sample ID :	K2721-01DUP	Instrumnet Name :	P7
Client Sample ID :	SS003RW114R-190506C	Dilution Factor :	1
Date & Time Acquired ::	2019-05-13 15:58:27	DataFile Name :	041SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zinc	66-2	7.48	7.28	7.94	7.57	4.49	ppb
Zirconium	90-1	0.04	0.05	0.05	0.05	10.42	ppb
Zirconium	91-1	0.04	0.05	0.06	0.05	23.80	ppb

LB Number :	LB102728	Operator :	Jaswal
Lab Sample ID :	K2721-01LX5	Instrumnet Name :	P7
Client Sample ID :	SS003RW114R-190506L	Dilution Factor :	5
Date & Time Acquired ::	2019-05-13 16:02:05	DataFile Name :	042SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	1.68	1.06	0.31	1.01	67.81	ppb
Antimony	121-1	0.36	0.32	0.33	0.34	6.01	ppb
Arsenic	75-2	0.21	0.20	0.15	0.19	19.66	ppb
Barium	135-1	5.67	5.67	6.19	5.84	5.19	ppb
Barium	137-1	6.06	6.05	6.11	6.07	0.55	ppb
Beryllium	9-1	0.05	0.04	0.04	0.04	8.46	ppb
Bismuth	209-1				100		%
Bismuth	209-2				90		%
Boron	10-1	93.96	96.32	95.25	95.18	1.24	ppb
Boron	11-1	97.65	99.20	99.19	98.68	0.91	ppb
Cadmium	111-1	-0.13	-0.18	-0.30	-0.20		ppb
Cadmium	106-1	-1.96	-2.44	-3.96	-2.79		ppb
Cadmium	108-1	-0.03	0.00	0.05	0.01	465.51	ppb
Calcium	43-1	62584.34	62593.75	63008.24	62728.78	0.39	ppb
Calcium	44-1	64233.97	64344.32	64528.80	64369.03	0.23	ppb
Chromium	52-2	1.57	1.71	1.65	1.64	4.22	ppb
Cobalt	59-2	1.75	1.74	1.73	1.74	0.46	ppb
Copper	63-2	2.18	2.10	2.13	2.14	1.90	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				103		%
Holmium	165-2				90		%
Indium	115-1				87		%
Indium	115-2				81		%
Iron	56-2	2.38	2.28	2.16	2.27	4.85	ppb
Iron	57-2	206.95	195.89	200.04	200.96	2.78	ppb
Krypton	83-1						cps
Lead	206-1	0.23	0.25	0.22	0.23	5.97	ppb
Lead	207-1	0.22	0.21	0.21	0.21	2.29	ppb
Lead	208-1	0.21	0.21	0.20	0.21	4.69	ppb
Lithium	6-1				80		%
Magnesium	24-2	2668.15	2638.91	2611.75	2639.60	1.07	ppb

LB Number : LB102728 Operator : Jaswal
 Lab Sample ID : K2721-01LX5 Instrumnet Name : P7
 Client Sample ID : SS003RW114R-190506L Dilution Factor : 5
 Date & Time Acquired :: 2019-05-13 16:02:05 DataFile Name : 042SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	58.94	58.29	58.12	58.45	0.74	ppb
Molybdenum	94-1	0.38	0.40	0.32	0.37	11.71	ppb
Molybdenum	95-1	0.49	0.53	0.45	0.49	8.18	ppb
Molybdenum	96-1	0.45	0.49	0.46	0.47	4.57	ppb
Molybdenum	97-1	0.55	0.53	0.45	0.51	10.06	ppb
Molybdenum	98-1	0.53	0.48	0.45	0.49	8.78	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	7.42	7.31	7.28	7.34	0.96	ppb
Phosphorus	31-2	-16.49	-11.67	-14.21	-14.12		ppb
Potassium	39-2	1002.52	1005.09	1015.30	1007.64	0.67	ppb
Rhodium	103-1				83		%
Rhodium	103-2				79		%
Scandium	45-1				79		%
Scandium	45-2				75		%
Selenium	77-2	0.00	0.54	0.00	0.18	173.21	ppb
Selenium	78-2	-0.02	-0.21	0.42	0.06	538.79	ppb
Selenium	82-1	0.65	0.71	0.10	0.49	68.77	ppb
Silicon	28-1	2000.39	2003.92	2006.62	2003.64	0.16	ppb
Silver	109-1	0.05	0.04	0.05	0.05	8.23	ppb
Silver	107-1	0.05	0.05	0.05	0.05	3.46	ppb
Sodium	23-2	24193.62	24155.94	23831.27	24060.28	0.83	ppb
Strontium	86-1	124.77	122.44	118.96	122.06	2.40	ppb
Strontium	88-1	120.99	120.60	115.45	119.01	2.60	ppb
Sulfur	34-1	46562.08	46203.88	46607.23	46457.73	0.48	ppb
Terbium	159-1				101		%
Terbium	159-2				88		%
Thallium	203-1	0.05	0.04	0.04	0.04	16.76	ppb
Thallium	205-1	0.04	0.04	0.04	0.04	6.87	ppb
Thorium	232-1	0.02	0.01	0.01	0.01	4.82	ppb
Tin	118-1	0.07	0.09	0.08	0.08	12.33	ppb
Titanium	47-1	0.26	0.41	0.22	0.30	34.03	ppb
Uranium	238-1	0.55	0.54	0.53	0.54	1.69	ppb
Vanadium	51-2	0.53	0.46	0.55	0.51	8.97	ppb
Yttrium	89-1				86		%
Yttrium	89-2				80		%

LB Number :	LB102728	Operator :	Jaswal
Lab Sample ID :	K2721-01LX5	Instrumnet Name :	P7
Client Sample ID :	SS003RW114R-190506L	Dilution Factor :	5
Date & Time Acquired ::	2019-05-13 16:02:05	DataFile Name :	042SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zinc	66-2	2.55	2.67	3.09	2.77	10.15	ppb
Zirconium	90-1	0.02	0.01	0.01	0.01	49.26	ppb
Zirconium	91-1	0.01	0.02	-0.01	0.00	259.74	ppb

LB Number : LB102728 Operator : Jaswal
 Lab Sample ID : K2721-02 Instrumnet Name : P7
 Client Sample ID : SS003RW114R-190506M Dilution Factor : 1
 Date & Time Acquired :: 2019-05-13 16:05:42 DataFile Name : 043SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	9616.00	9583.61	9488.05	9562.55	0.70	ppb
Antimony	121-1	473.91	474.81	474.28	474.33	0.09	ppb
Arsenic	75-2	510.34	519.28	517.18	515.60	0.91	ppb
Barium	135-1	2420.29	2430.69	2433.13	2428.03	0.28	ppb
Barium	137-1	2549.50	2573.88	2570.16	2564.51	0.51	ppb
Beryllium	9-1	456.09	456.58	453.34	455.34	0.38	ppb
Bismuth	209-1				85		%
Bismuth	209-2				75		%
Boron	10-1	809.58	837.48	830.81	825.95	1.76	ppb
Boron	11-1	844.40	851.92	867.21	854.51	1.36	ppb
Cadmium	111-1	435.38	435.04	428.53	432.98	0.89	ppb
Cadmium	106-1	438.28	443.49	434.62	438.79	1.02	ppb
Cadmium	108-1	441.06	437.14	433.49	437.23	0.87	ppb
Calcium	43-1	353848.00	356383.59	356016.19	355415.92	0.39	ppb
Calcium	44-1	355079.89	357392.91	357528.61	356667.14	0.39	ppb
Chromium	52-2	548.66	544.62	543.87	545.72	0.47	ppb
Cobalt	59-2	561.46	557.53	554.51	557.83	0.63	ppb
Copper	63-2	1014.35	1016.10	1007.43	1012.63	0.45	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				92		%
Holmium	165-2				80		%
Indium	115-1				73		%
Indium	115-2				67		%
Iron	56-2	28602.86	28477.73	28082.48	28387.69	0.96	ppb
Iron	57-2	28977.68	28837.68	28508.84	28774.73	0.84	ppb
Krypton	83-1						cps
Lead	206-1	516.17	519.37	526.01	520.51	0.96	ppb
Lead	207-1	499.47	499.62	507.45	502.18	0.91	ppb
Lead	208-1	522.21	523.75	532.08	526.02	1.01	ppb
Lithium	6-1				71		%
Magnesium	24-2	64306.37	63772.44	62586.63	63555.15	1.38	ppb

LB Number : LB102728 Operator : Jaswal
 Lab Sample ID : K2721-02 Instrumnet Name : P7
 Client Sample ID : SS003RW114R-190506M Dilution Factor : 1
 Date & Time Acquired :: 2019-05-13 16:05:42 DataFile Name : 043SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	1372.02	1379.06	1365.72	1372.27	0.49	ppb
Molybdenum	94-1	2894.18	2921.96	2945.87	2920.67	0.89	ppb
Molybdenum	95-1	2916.06	2947.41	2977.05	2946.84	1.04	ppb
Molybdenum	96-1	2913.31	2943.92	2961.78	2939.67	0.83	ppb
Molybdenum	97-1	2925.54	2952.25	2982.84	2953.54	0.97	ppb
Molybdenum	98-1	2921.16	2950.31	2987.07	2952.84	1.12	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	578.00	576.71	575.28	576.66	0.24	ppb
Phosphorus	31-2	23.10	-6.32	10.75	9.17	161.03	ppb
Potassium	39-2	29125.82	28954.34	28542.83	28874.33	1.04	ppb
Rhodium	103-1				67		%
Rhodium	103-2				65		%
Scandium	45-1				67		%
Scandium	45-2				63		%
Selenium	77-2	509.88	518.42	500.42	509.57	1.77	ppb
Selenium	78-2	507.88	495.81	493.49	499.06	1.55	ppb
Selenium	82-1	518.00	521.88	520.01	519.96	0.37	ppb
Silicon	28-1	10307.11	10519.66	10630.04	10485.60	1.57	ppb
Silver	109-1	422.64	421.12	417.79	420.52	0.59	ppb
Silver	107-1	420.24	418.43	418.09	418.92	0.28	ppb
Sodium	23-2	171987.22	169349.51	167323.93	169553.55	1.38	ppb
Strontium	86-1	1140.79	1149.18	1156.85	1148.94	0.70	ppb
Strontium	88-1	1164.48	1180.65	1179.36	1174.83	0.76	ppb
Sulfur	34-1	210176.62	211268.12	212052.01	211165.58	0.45	ppb
Terbium	159-1				89		%
Terbium	159-2				79		%
Thallium	203-1	507.76	512.44	517.55	512.58	0.96	ppb
Thallium	205-1	540.83	545.04	551.35	545.74	0.97	ppb
Thorium	232-1	0.16	0.16	0.12	0.15	14.94	ppb
Tin	118-1	475.84	474.10	470.19	473.38	0.61	ppb
Titanium	47-1	2606.30	2613.04	2608.50	2609.28	0.13	ppb
Uranium	238-1	550.10	567.71	571.72	563.18	2.04	ppb
Vanadium	51-2	546.16	541.20	538.55	541.97	0.71	ppb
Yttrium	89-1				72		%
Yttrium	89-2				68		%

LB Number :	LB102728	Operator :	Jaswal
Lab Sample ID :	K2721-02	Instrumnet Name :	P7
Client Sample ID :	SS003RW114R-190506M	Dilution Factor :	1
Date & Time Acquired ::	2019-05-13 16:05:42	DataFile Name :	043SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zinc	66-2	921.24	918.11	912.81	917.39	0.46	ppb
Zirconium	90-1	562.84	567.88	570.26	566.99	0.67	ppb
Zirconium	91-1	554.04	559.61	559.45	557.70	0.57	ppb

LB Number :	LB102728	Operator :	Jaswal
Lab Sample ID :	K2721-03	Instrumnet Name :	P7
Client Sample ID :	SS003RW114R-190506M	Dilution Factor :	1
Date & Time Acquired ::	2019-05-13 16:09:19	DataFile Name :	044SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	9500.02	9445.06	9795.05	9580.04	1.96	ppb
Antimony	121-1	479.78	472.99	472.45	475.07	0.86	ppb
Arsenic	75-2	503.66	503.93	519.54	509.04	1.79	ppb
Barium	135-1	2455.76	2420.50	2423.09	2433.12	0.81	ppb
Barium	137-1	2588.87	2571.35	2565.57	2575.26	0.47	ppb
Beryllium	9-1	464.70	460.13	461.56	462.13	0.51	ppb
Bismuth	209-1				83		%
Bismuth	209-2				73		%
Boron	10-1	840.24	837.55	852.99	843.59	0.98	ppb
Boron	11-1	875.03	879.58	887.06	880.56	0.69	ppb
Cadmium	111-1	430.51	428.94	429.25	429.57	0.19	ppb
Cadmium	106-1	433.49	425.55	423.74	427.59	1.21	ppb
Cadmium	108-1	443.13	425.45	427.00	431.86	2.27	ppb
Calcium	43-1	355555.92	358233.32	359481.77	357757.00	0.56	ppb
Calcium	44-1	359151.64	360740.81	361892.82	360595.09	0.38	ppb
Chromium	52-2	551.41	551.38	574.80	559.20	2.42	ppb
Cobalt	59-2	564.69	564.43	587.46	572.19	2.31	ppb
Copper	63-2	1025.08	1027.59	1067.44	1040.04	2.29	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				91		%
Holmium	165-2				78		%
Indium	115-1				72		%
Indium	115-2				65		%
Iron	56-2	28826.50	28691.50	29788.21	29102.07	2.05	ppb
Iron	57-2	29030.18	28884.51	30084.56	29333.09	2.23	ppb
Krypton	83-1						cps
Lead	206-1	527.32	527.40	529.40	528.04	0.22	ppb
Lead	207-1	510.92	513.11	511.62	511.89	0.22	ppb
Lead	208-1	533.78	536.74	536.38	535.63	0.30	ppb
Lithium	6-1				66		%
Magnesium	24-2	63730.54	63385.00	65629.85	64248.47	1.88	ppb

LB Number : LB102728 Operator : Jaswal
 Lab Sample ID : K2721-03 Instrumnet Name : P7
 Client Sample ID : SS003RW114R-190506M Dilution Factor : 1
 Date & Time Acquired :: 2019-05-13 16:09:19 DataFile Name : 044SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	1386.44	1388.74	1441.39	1405.52	2.21	ppb
Molybdenum	94-1	2961.76	2957.81	2974.30	2964.63	0.29	ppb
Molybdenum	95-1	2985.79	2987.11	2987.56	2986.82	0.03	ppb
Molybdenum	96-1	2981.67	2981.10	2985.65	2982.81	0.08	ppb
Molybdenum	97-1	2990.76	2983.41	2983.54	2985.90	0.14	ppb
Molybdenum	98-1	2995.12	2988.84	2996.42	2993.46	0.14	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	580.73	580.53	608.31	589.85	2.71	ppb
Phosphorus	31-2	22.62	1.47	3.41	9.17	127.53	ppb
Potassium	39-2	29225.78	28906.41	29845.39	29325.86	1.63	ppb
Rhodium	103-1				66		%
Rhodium	103-2				62		%
Scandium	45-1				65		%
Scandium	45-2				59		%
Selenium	77-2	495.27	514.28	510.58	506.71	1.99	ppb
Selenium	78-2	491.35	483.84	516.23	497.14	3.41	ppb
Selenium	82-1	515.18	510.97	509.86	512.00	0.55	ppb
Silicon	28-1	10318.89	10507.40	10670.39	10498.89	1.68	ppb
Silver	109-1	424.64	418.14	421.30	421.36	0.77	ppb
Silver	107-1	424.39	420.19	416.08	420.22	0.99	ppb
Sodium	23-2	169340.90	168425.32	175113.43	170959.88	2.12	ppb
Strontium	86-1	1167.79	1156.11	1153.94	1159.28	0.64	ppb
Strontium	88-1	1190.30	1186.05	1192.78	1189.71	0.29	ppb
Sulfur	34-1	209853.02	211940.57	212713.21	211502.27	0.70	ppb
Terbium	159-1				89		%
Terbium	159-2				77		%
Thallium	203-1	517.33	522.00	524.59	521.31	0.71	ppb
Thallium	205-1	550.47	556.63	560.50	555.87	0.91	ppb
Thorium	232-1	0.05	0.06	0.05	0.05	7.50	ppb
Tin	118-1	478.09	471.91	472.69	474.23	0.71	ppb
Titanium	47-1	2636.59	2612.61	2645.07	2631.42	0.64	ppb
Uranium	238-1	572.33	579.36	578.71	576.80	0.67	ppb
Vanadium	51-2	547.52	544.97	566.21	552.90	2.10	ppb
Yttrium	89-1				71		%
Yttrium	89-2				66		%

LB Number :	LB102728	Operator :	Jaswal
Lab Sample ID :	K2721-03	Instrumnet Name :	P7
Client Sample ID :	SS003RW114R-190506M	Dilution Factor :	1
Date & Time Acquired ::	2019-05-13 16:09:19	DataFile Name :	044SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zinc	66-2	935.54	928.03	977.10	946.89	2.79	ppb
Zirconium	90-1	573.97	572.73	573.69	573.46	0.11	ppb
Zirconium	91-1	570.69	560.90	565.45	565.68	0.87	ppb

LB Number : LB102728 Operator : Jaswal
 Lab Sample ID : K2721-01A Instrumnet Name : P7
 Client Sample ID : SS003RW114R-190506A Dilution Factor : 1
 Date & Time Acquired :: 2019-05-13 16:12:57 DataFile Name : 045SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	13191.45	10374.99	8529.50	10698.65	21.94	ppb
Antimony	121-1	467.44	452.46	426.89	448.93	4.57	ppb
Arsenic	75-2	698.74	548.02	455.90	567.56	21.60	ppb
Barium	135-1	2396.29	2323.41	2209.78	2309.83	4.07	ppb
Barium	137-1	2538.11	2459.93	2347.70	2448.58	3.91	ppb
Beryllium	9-1	465.43	453.50	436.91	451.94	3.17	ppb
Bismuth	209-1				85		%
Bismuth	209-2				66		%
Boron	10-1	844.55	837.83	806.65	829.68	2.44	ppb
Boron	11-1	877.33	866.61	843.32	862.42	2.02	ppb
Cadmium	111-1	422.79	408.17	389.00	406.65	4.17	ppb
Cadmium	106-1	416.24	403.24	388.45	402.64	3.45	ppb
Cadmium	108-1	422.16	416.75	396.08	411.66	3.34	ppb
Calcium	43-1	355119.42	345669.57	329024.65	343271.21	3.85	ppb
Calcium	44-1	357243.48	348712.01	330634.73	345530.07	3.93	ppb
Chromium	52-2	778.34	605.52	502.34	628.73	22.18	ppb
Cobalt	59-2	792.70	624.97	515.75	644.48	21.65	ppb
Copper	63-2	1447.62	1139.41	941.06	1176.03	21.71	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				94		%
Holmium	165-2				71		%
Indium	115-1				73		%
Indium	115-2				58		%
Iron	56-2	40598.76	31899.17	26113.17	32870.37	22.18	ppb
Iron	57-2	40804.57	32057.30	26537.49	33133.12	21.71	ppb
Krypton	83-1						cps
Lead	206-1	517.53	509.93	487.21	504.89	3.12	ppb
Lead	207-1	501.94	492.29	470.89	488.37	3.25	ppb
Lead	208-1	525.65	517.94	496.31	513.30	2.96	ppb
Lithium	6-1				64		%
Magnesium	24-2	88274.67	69114.08	56672.02	71353.59	22.31	ppb

LB Number :	LB102728	Operator :	Jaswal
Lab Sample ID :	K2721-01A	Instrumnet Name :	P7
Client Sample ID :	SS003RW114R-190506A	Dilution Factor :	1
Date & Time Acquired ::	2019-05-13 16:12:57	DataFile Name :	045SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	1946.62	1527.91	1268.05	1580.86	21.66	ppb
Molybdenum	94-1	2892.32	2819.83	2691.20	2801.12	3.64	ppb
Molybdenum	95-1	2932.17	2849.41	2721.81	2834.46	3.74	ppb
Molybdenum	96-1	2916.84	2851.04	2708.88	2825.59	3.76	ppb
Molybdenum	97-1	2934.50	2872.09	2535.74	2780.78	7.71	ppb
Molybdenum	98-1	2933.91	2866.61	2733.27	2844.60	3.59	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	821.19	647.56	536.51	668.42	21.47	ppb
Phosphorus	31-2	38.64	46.95	-2.82	27.59	96.62	ppb
Potassium	39-2	40267.06	31686.81	26200.09	32717.99	21.67	ppb
Rhodium	103-1				67		%
Rhodium	103-2				56		%
Scandium	45-1				65		%
Scandium	45-2				52		%
Selenium	77-2	671.94	527.88	449.19	549.67	20.55	ppb
Selenium	78-2	667.62	529.82	440.00	545.81	21.00	ppb
Selenium	82-1	507.28	491.87	468.63	489.26	3.98	ppb
Silicon	28-1	10207.36	10110.15	9674.12	9997.21	2.84	ppb
Silver	109-1	415.79	400.11	381.02	398.97	4.36	ppb
Silver	107-1	413.49	397.22	380.72	397.14	4.13	ppb
Sodium	23-2	233899.78	183863.69	151341.73	189701.73	21.92	ppb
Strontium	86-1	1133.76	1103.87	1057.22	1098.28	3.51	ppb
Strontium	88-1	1162.46	1136.05	1082.86	1127.12	3.60	ppb
Sulfur	34-1	207806.36	202236.54	192592.58	200878.49	3.83	ppb
Terbium	159-1				91		%
Terbium	159-2				70		%
Thallium	203-1	507.60	502.42	477.73	495.92	3.22	ppb
Thallium	205-1	545.40	538.64	512.08	532.04	3.31	ppb
Thorium	232-1	0.04	0.05	0.04	0.04	11.34	ppb
Tin	118-1	468.07	451.40	428.67	449.38	4.40	ppb
Titanium	47-1	2602.36	2554.68	2401.49	2519.51	4.17	ppb
Uranium	238-1	563.31	552.86	526.74	547.64	3.44	ppb
Vanadium	51-2	766.59	604.66	496.86	622.70	21.80	ppb
Yttrium	89-1				72		%
Yttrium	89-2				59		%

LB Number :	LB102728	Operator :	Jaswal
Lab Sample ID :	K2721-01A	Instrumnet Name :	P7
Client Sample ID :	SS003RW114R-190506A	Dilution Factor :	1
Date & Time Acquired ::	2019-05-13 16:12:57	DataFile Name :	045SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zinc	66-2	1317.74	1035.19	853.03	1068.65	21.91	ppb
Zirconium	90-1	560.91	546.98	520.32	542.74	3.80	ppb
Zirconium	91-1	550.50	534.69	510.09	531.76	3.83	ppb

LB Number :	LB102728	Operator :	Jaswal
Lab Sample ID :	K2721-04	Instrumnet Name :	P7
Client Sample ID :	DUP-0519-190506	Dilution Factor :	1
Date & Time Acquired ::	2019-05-13 16:16:33	DataFile Name :	046SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	1.18	2.19	2.09	1.82	30.43	ppb
Antimony	121-1	1.36	1.28	1.36	1.33	3.20	ppb
Arsenic	75-2	0.94	0.90	1.00	0.94	5.38	ppb
Barium	135-1	29.17	28.90	28.85	28.97	0.59	ppb
Barium	137-1	29.06	28.33	28.85	28.75	1.31	ppb
Beryllium	9-1	0.21	0.19	0.13	0.18	23.21	ppb
Bismuth	209-1				84		%
Bismuth	209-2				73		%
Boron	10-1	396.92	402.51	406.23	401.89	1.17	ppb
Boron	11-1	425.21	428.52	429.68	427.80	0.54	ppb
Cadmium	111-1	-0.07	-0.12	-0.05	-0.08		ppb
Cadmium	106-1	-3.54	-4.22	-3.21	-3.66		ppb
Cadmium	108-1	0.23	0.16	0.26	0.22	22.75	ppb
Calcium	43-1	317143.09	319677.96	318860.36	318560.47	0.41	ppb
Calcium	44-1	318625.17	322038.65	321952.34	320872.05	0.61	ppb
Chromium	52-2	8.51	8.22	8.12	8.28	2.44	ppb
Cobalt	59-2	8.69	8.75	8.80	8.75	0.64	ppb
Copper	63-2	9.70	9.88	10.23	9.94	2.74	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				90		%
Holmium	165-2				76		%
Indium	115-1				71		%
Indium	115-2				64		%
Iron	56-2	16.69	15.94	15.85	16.16	2.84	ppb
Iron	57-2	957.94	964.07	1014.47	978.83	3.17	ppb
Krypton	83-1						cps
Lead	206-1	1.05	1.01	1.10	1.05	4.27	ppb
Lead	207-1	1.02	0.94	0.93	0.96	5.08	ppb
Lead	208-1	1.02	0.99	0.98	0.99	2.13	ppb
Lithium	6-1				59		%
Magnesium	24-2	12524.86	12407.68	12510.85	12481.13	0.51	ppb

LB Number :	LB102728	Operator :	Jaswal
Lab Sample ID :	K2721-04	Instrumnet Name :	P7
Client Sample ID :	DUP-0519-190506	Dilution Factor :	1
Date & Time Acquired ::	2019-05-13 16:16:33	DataFile Name :	046SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	292.63	290.26	293.99	292.29	0.65	ppb
Molybdenum	94-1	2.68	2.49	2.26	2.48	8.38	ppb
Molybdenum	95-1	3.37	3.31	3.14	3.27	3.71	ppb
Molybdenum	96-1	3.43	3.23	2.79	3.15	10.45	ppb
Molybdenum	97-1	3.50	3.31	3.06	3.29	6.77	ppb
Molybdenum	98-1	3.39	3.29	2.90	3.19	8.10	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	36.41	35.97	36.34	36.24	0.65	ppb
Phosphorus	31-2	-7.65	2.04	3.21	-0.80		ppb
Potassium	39-2	4945.10	4873.66	4923.15	4913.97	0.74	ppb
Rhodium	103-1				66		%
Rhodium	103-2				61		%
Scandium	45-1				60		%
Scandium	45-2				55		%
Selenium	77-2	2.07	3.44	3.49	3.00	26.97	ppb
Selenium	78-2	1.55	1.09	1.70	1.45	21.86	ppb
Selenium	82-1	2.85	2.36	3.20	2.80	15.12	ppb
Silicon	28-1	9612.25	9684.00	9656.96	9651.07	0.38	ppb
Silver	109-1	0.18	0.15	0.16	0.16	8.27	ppb
Silver	107-1	0.18	0.15	0.11	0.15	23.72	ppb
Sodium	23-2	117285.34	115636.45	117087.06	116669.62	0.77	ppb
Strontium	86-1	614.91	614.12	612.98	614.00	0.16	ppb
Strontium	88-1	627.96	637.75	637.40	634.37	0.88	ppb
Sulfur	34-1	215520.48	218297.51	217379.01	217065.67	0.65	ppb
Terbium	159-1				87		%
Terbium	159-2				75		%
Thallium	203-1	0.40	0.24	0.22	0.29	34.97	ppb
Thallium	205-1	0.35	0.29	0.23	0.29	20.11	ppb
Thorium	232-1	0.01	0.00	0.01	0.00	20.92	ppb
Tin	118-1	1.19	1.29	1.17	1.22	5.06	ppb
Titanium	47-1	2.02	1.86	1.52	1.80	14.20	ppb
Uranium	238-1	3.01	2.98	2.91	2.97	1.74	ppb
Vanadium	51-2	2.08	2.14	2.24	2.15	3.84	ppb
Yttrium	89-1				68		%
Yttrium	89-2				63		%

LB Number :	LB102728	Operator :	Jaswal
Lab Sample ID :	K2721-04	Instrumnet Name :	P7
Client Sample ID :	DUP-0519-190506	Dilution Factor :	1
Date & Time Acquired ::	2019-05-13 16:16:33	DataFile Name :	046SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zinc	66-2	5.59	5.98	6.31	5.96	6.07	ppb
Zirconium	90-1	0.21	0.17	0.11	0.16	29.16	ppb
Zirconium	91-1	0.20	0.16	0.13	0.16	18.78	ppb

LB Number :	LB102728	Operator :	Jaswal
Lab Sample ID :	CCV70	Instrumnet Name :	P7
Client Sample ID :	CCV70	Dilution Factor :	1
Date & Time Acquired ::	2019-05-13 16:20:10	DataFile Name :	047CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	51633.83	51406.00	51558.73	51532.85	0.23	ppb
Antimony	121-1	434.15	434.42	435.86	434.81	0.21	ppb
Arsenic	75-2	468.34	474.24	476.18	472.92	0.86	ppb
Barium	135-1	2300.30	2292.19	2281.20	2291.23	0.42	ppb
Barium	137-1	2441.63	2437.88	2437.10	2438.87	0.10	ppb
Beryllium	9-1	497.64	499.40	501.99	499.68	0.44	ppb
Bismuth	209-1				82		%
Bismuth	209-2				76		%
Boron	10-1	498.74	503.95	507.59	503.43	0.88	ppb
Boron	11-1	507.89	513.53	512.58	511.34	0.59	ppb
Cadmium	111-1	472.51	472.20	468.79	471.17	0.44	ppb
Cadmium	106-1	471.07	461.72	462.72	465.17	1.10	ppb
Cadmium	108-1	461.93	470.51	462.89	465.11	1.01	ppb
Calcium	43-1	248858.71	248901.16	249405.15	249055.01	0.12	ppb
Calcium	44-1	248793.44	250214.19	250869.28	249958.97	0.42	ppb
Chromium	52-2	519.96	520.02	521.33	520.44	0.15	ppb
Cobalt	59-2	521.18	522.97	520.00	521.38	0.29	ppb
Copper	63-2	1062.85	1068.20	1070.25	1067.10	0.36	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				93		%
Holmium	165-2				84		%
Indium	115-1				73		%
Indium	115-2				70		%
Iron	56-2	139465.80	137978.69	138467.85	138637.45	0.55	ppb
Iron	57-2	134657.88	134689.34	135213.94	134853.72	0.23	ppb
Krypton	83-1						cps
Lead	206-1	506.46	502.50	503.75	504.24	0.40	ppb
Lead	207-1	505.53	503.74	502.15	503.81	0.34	ppb
Lead	208-1	521.38	520.35	520.83	520.85	0.10	ppb
Lithium	6-1				62		%
Magnesium	24-2	251697.78	249388.24	249536.63	250207.55	0.52	ppb

LB Number :	LB102728	Operator :	Jaswal
Lab Sample ID :	CCV70	Instrumnet Name :	P7
Client Sample ID :	CCV70	Dilution Factor :	1
Date & Time Acquired ::	2019-05-13 16:20:10	DataFile Name :	047CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	1035.35	1037.11	1040.74	1037.73	0.26	ppb
Molybdenum	94-1	2662.80	2689.83	2700.56	2684.40	0.72	ppb
Molybdenum	95-1	2665.93	2692.61	2691.68	2683.41	0.56	ppb
Molybdenum	96-1	2672.07	2676.77	2682.58	2677.14	0.20	ppb
Molybdenum	97-1	2506.18	2500.36	2501.81	2502.78	0.12	ppb
Molybdenum	98-1	2670.91	2682.37	2677.15	2676.81	0.21	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	557.26	557.49	556.22	556.99	0.12	ppb
Phosphorus	31-2	9711.98	9314.40	9442.80	9489.73	2.14	ppb
Potassium	39-2	125617.30	124859.19	124450.17	124975.55	0.47	ppb
Rhodium	103-1				67		%
Rhodium	103-2				66		%
Scandium	45-1				66		%
Scandium	45-2				66		%
Selenium	77-2	495.28	510.93	467.87	491.36	4.44	ppb
Selenium	78-2	506.12	504.50	503.98	504.87	0.22	ppb
Selenium	82-1	515.01	514.40	517.74	515.72	0.34	ppb
Silicon	28-1	516.43	525.29	533.85	525.19	1.66	ppb
Silver	109-1	439.26	439.89	439.79	439.65	0.08	ppb
Silver	107-1	438.55	440.74	437.72	439.00	0.36	ppb
Sodium	23-2	253812.66	252135.10	252296.39	252748.05	0.37	ppb
Strontium	86-1	512.81	517.14	515.82	515.26	0.43	ppb
Strontium	88-1	525.61	528.39	530.77	528.26	0.49	ppb
Sulfur	34-1	10146.38	10140.88	10144.65	10143.97	0.03	ppb
Terbium	159-1				91		%
Terbium	159-2				82		%
Thallium	203-1	502.47	501.69	502.98	502.38	0.13	ppb
Thallium	205-1	535.51	540.65	541.37	539.18	0.59	ppb
Thorium	232-1	558.95	560.55	555.80	558.43	0.43	ppb
Tin	118-1	451.73	453.86	450.40	452.00	0.39	ppb
Titanium	47-1	2504.93	2505.74	2502.63	2504.44	0.06	ppb
Uranium	238-1	563.03	561.62	557.51	560.72	0.51	ppb
Vanadium	51-2	523.54	522.17	525.77	523.82	0.35	ppb
Yttrium	89-1				73		%
Yttrium	89-2				72		%

LB Number :	LB102728	Operator :	Jaswal
Lab Sample ID :	CCV70	Instrumnet Name :	P7
Client Sample ID :	CCV70	Dilution Factor :	1
Date & Time Acquired ::	2019-05-13 16:20:10	DataFile Name :	047CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zinc	66-2	1062.50	1074.35	1071.61	1069.49	0.58	ppb
Zirconium	90-1	530.33	533.78	534.77	532.96	0.44	ppb
Zirconium	91-1	519.82	523.10	524.55	522.49	0.46	ppb

LB Number :	LB102728	Operator :	Jaswal
Lab Sample ID :	CCB70	Instrumnet Name :	P7
Client Sample ID :	CCB70	Dilution Factor :	1
Date & Time Acquired ::	2019-05-13 16:23:48	DataFile Name :	048CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	4.41	4.09	5.03	4.51	10.56	ppb
Antimony	121-1	0.37	0.44	0.44	0.42	9.96	ppb
Arsenic	75-2	0.11	0.04	-0.07	0.03	359.43	ppb
Barium	135-1	0.23	0.20	0.30	0.24	22.58	ppb
Barium	137-1	0.27	0.27	0.24	0.26	5.94	ppb
Beryllium	9-1	0.14	0.12	0.11	0.12	10.20	ppb
Bismuth	209-1				93		%
Bismuth	209-2				85		%
Boron	10-1	27.01	24.23	22.40	24.55	9.46	ppb
Boron	11-1	26.61	25.41	23.51	25.18	6.20	ppb
Cadmium	111-1	-0.12	-0.17	-0.20	-0.16		ppb
Cadmium	106-1	-2.71	-2.94	-3.22	-2.96		ppb
Cadmium	108-1	0.09	0.06	0.27	0.14	80.51	ppb
Calcium	43-1	26.59	19.29	21.13	22.34	16.98	ppb
Calcium	44-1	28.05	24.64	24.99	25.89	7.26	ppb
Chromium	52-2	0.02	0.05	0.07	0.05	46.47	ppb
Cobalt	59-2	0.05	0.06	0.05	0.05	4.11	ppb
Copper	63-2	0.34	0.38	0.38	0.36	6.80	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				94		%
Holmium	165-2				83		%
Indium	115-1				80		%
Indium	115-2				75		%
Iron	56-2	13.40	12.97	12.26	12.87	4.48	ppb
Iron	57-2	14.71	10.25	11.74	12.24	18.53	ppb
Krypton	83-1						cps
Lead	206-1	0.10	0.08	0.10	0.10	9.89	ppb
Lead	207-1	0.10	0.10	0.11	0.10	5.85	ppb
Lead	208-1	0.09	0.08	0.10	0.09	8.07	ppb
Lithium	6-1				66		%
Magnesium	24-2	23.93	20.36	22.49	22.26	8.05	ppb

LB Number :	LB102728	Operator :	Jaswal
Lab Sample ID :	CCB70	Instrumnet Name :	P7
Client Sample ID :	CCB70	Dilution Factor :	1
Date & Time Acquired ::	2019-05-13 16:23:48	DataFile Name :	048CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	0.13	0.10	0.10	0.11	18.97	ppb
Molybdenum	94-1	0.77	0.69	0.59	0.68	12.53	ppb
Molybdenum	95-1	1.02	0.97	0.80	0.93	12.06	ppb
Molybdenum	96-1	1.00	0.86	0.81	0.89	11.33	ppb
Molybdenum	97-1	0.94	0.86	0.94	0.91	5.07	ppb
Molybdenum	98-1	0.94	0.88	0.84	0.89	5.50	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.07	0.11	0.05	0.08	34.37	ppb
Phosphorus	31-2	-13.13	-5.16	-15.68	-11.32		ppb
Potassium	39-2	2.80	4.61	1.74	3.05	47.65	ppb
Rhodium	103-1				77		%
Rhodium	103-2				74		%
Scandium	45-1				69		%
Scandium	45-2				66		%
Selenium	77-2	0.00	0.59	0.00	0.20	173.21	ppb
Selenium	78-2	0.78	0.76	-0.01	0.51	88.98	ppb
Selenium	82-1	0.00	0.37	0.00	0.12	177.13	ppb
Silicon	28-1	11.68	11.02	9.63	10.78	9.71	ppb
Silver	109-1	0.13	0.11	0.14	0.13	12.36	ppb
Silver	107-1	0.13	0.11	0.10	0.11	10.37	ppb
Sodium	23-2	32.44	30.73	29.03	30.73	5.55	ppb
Strontium	86-1	0.03	0.08	0.04	0.05	59.32	ppb
Strontium	88-1	0.06	0.07	0.05	0.06	10.91	ppb
Sulfur	34-1	-318.72	-192.62	-263.00	-258.11		ppb
Terbium	159-1				93		%
Terbium	159-2				82		%
Thallium	203-1	0.14	0.14	0.11	0.13	10.85	ppb
Thallium	205-1	0.12	0.13	0.11	0.12	7.17	ppb
Thorium	232-1	0.11	0.12	0.11	0.11	4.60	ppb
Tin	118-1	0.14	0.15	0.12	0.14	8.15	ppb
Titanium	47-1	0.22	0.33	0.22	0.26	26.33	ppb
Uranium	238-1	0.05	0.05	0.05	0.05	0.60	ppb
Vanadium	51-2	0.06	0.06	0.03	0.05	30.38	ppb
Yttrium	89-1				76		%
Yttrium	89-2				73		%

LB Number :	LB102728	Operator :	Jaswal
Lab Sample ID :	CCB70	Instrumnet Name :	P7
Client Sample ID :	CCB70	Dilution Factor :	1
Date & Time Acquired ::	2019-05-13 16:23:48	DataFile Name :	048CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zinc	66-2	1.92	2.32	2.33	2.19	10.69	ppb
Zirconium	90-1	0.07	0.07	0.08	0.07	7.30	ppb
Zirconium	91-1	0.09	0.08	0.08	0.08	9.62	ppb

LB Number :	LB102728	Operator :	Jaswal
Lab Sample ID :	S0	Instrumnet Name :	P7
Client Sample ID :	S0	Dilution Factor :	1
Date & Time Acquired ::	2019-05-13 12:39:41	DataFile Name :	003CALB.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	67	25	92	61	55.11	cps
Antimony	121-1	17	0	42	19	107.85	cps
Arsenic	75-2	57	55	69	60	12.35	cps
Barium	135-1	33	58	42	44	28.65	cps
Barium	137-1	17	42	17	25	57.73	cps
Beryllium	9-1	33	43	43	40	14.43	cps
Bismuth	209-1	4340877	4301949	4251875	4298234	1.04	cps
Bismuth	209-2	2980863	3051366	3025654	3019294	1.18	cps
Boron	10-1	408	283	333	342	18.41	cps
Boron	11-1	1608	1592	1633	1611	1.30	cps
Cadmium	111-1	1702	1775	1639	1705	3.97	cps
Cadmium	106-1	2434	2534	2342	2436	3.93	cps
Cadmium	108-1	8	4	0	4	99.96	cps
Calcium	43-1	208	133	142	161	25.51	cps
Calcium	44-1	6127	5985	6002	6038	1.28	cps
Chromium	52-2	510	537	540	529	3.11	cps
Cobalt	59-2	47	20	30	32	41.81	cps
Copper	63-2	283	317	363	321	12.51	cps
Dysprosium	156-1	8	0	8	6	86.60	cps
Dysprosium	156-2	0	3	7	3	100.05	cps
Erbium	164-1	17	8	8	11	43.34	cps
Erbium	164-2	13	7	7	9	43.25	cps
Gadolinium	160-1	42	50	33	42	20.00	cps
Gadolinium	160-2	110	117	143	123	14.30	cps
Holmium	165-1	6468063	6394028	6382486	6414859	0.72	cps
Holmium	165-2	3838721	3904069	3892571	3878453	0.90	cps
Indium	115-1	4752663	4738881	4637676	4709740	1.33	cps
Indium	115-2	1087957	1101206	1112588	1100584	1.12	cps
Iron	56-2	2734	2889	3173	2932	7.59	cps
Iron	57-2	94	106	100	100	5.55	cps
Krypton	83-1	233	250	260	248	5.44	cps
Lead	206-1	272	278	300	283	5.19	cps
Lead	207-1	256	261	222	246	8.54	cps
Lead	208-1	1322	1211	1050	1195	11.46	cps
Lithium	6-1	2182144	2161572	2148722	2164146	0.78	cps
Magnesium	24-2	125	125	142	131	7.37	cps

LB Number :	LB102728	Operator :	Jaswal
Lab Sample ID :	S0	Instrumnet Name :	P7
Client Sample ID :	S0	Dilution Factor :	1
Date & Time Acquired ::	2019-05-13 12:39:41	DataFile Name :	003CALB.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	33	40	33	36	10.83	cps
Molybdenum	94-1	133	100	150	128	19.93	cps
Molybdenum	95-1	8	33	8	17	86.62	cps
Molybdenum	96-1	33	33	67	44	43.31	cps
Molybdenum	97-1	33	8	17	19	65.47	cps
Molybdenum	98-1	25	42	50	39	32.73	cps
Neodymium	150-1	0	0	0	0	0.00	cps
Neodymium	150-2	0	0	3	1	173.21	cps
Nickel	60-2	20	43	30	31	37.62	cps
Phosphorus	31-2	250	158	142	183	31.82	cps
Potassium	39-2	10971	11313	11271	11185	1.67	cps
Rhodium	103-1	4367903	4274750	4279647	4307433	1.22	cps
Rhodium	103-2	2204743	2236602	2238320	2226555	0.85	cps
Scandium	45-1	3454713	3390576	3403090	3416126	1.00	cps
Scandium	45-2	155331	159585	159821	158246	1.60	cps
Selenium	77-2	0	0	0	0	0.00	cps
Selenium	78-2	35	31	33	33	5.57	cps
Selenium	82-1	62	83	31	59	44.41	cps
Silicon	28-1	122491	119507	121961	121320	1.31	cps
Silver	109-1	75	75	25	58	49.49	cps
Silver	107-1	108	92	108	103	9.36	cps
Sodium	23-2	2034	2542	2184	2253	11.59	cps
Strontium	86-1	342	508	450	433	19.52	cps
Strontium	88-1	142	125	167	144	14.52	cps
Sulfur	34-1	271564	273457	271616	272212	0.40	cps
Terbium	159-1	6638161	6581197	6585083	6601480	0.48	cps
Terbium	159-2	3768529	3830990	3834590	3811370	0.97	cps
Thallium	203-1	33	42	25	33	25.00	cps
Thallium	205-1	158	133	125	139	12.49	cps
Thorium	232-1	61	56	50	56	10.00	cps
Tin	118-1	325	242	358	308	19.49	cps
Titanium	47-1	108	83	108	100	14.43	cps
Uranium	238-1	67	67	50	61	15.75	cps
Vanadium	51-2	0	0	0	0	0.00	cps
Yttrium	89-1	5196259	5149443	5150660	5165454	0.52	cps
Yttrium	89-2	827790	836224	836296	833437	0.59	cps

LB Number :	LB102728	Operator :	Jaswal
Lab Sample ID :	S0	Instrumnet Name :	P7
Client Sample ID :	S0	Dilution Factor :	1
Date & Time Acquired ::	2019-05-13 12:39:41	DataFile Name :	003CALB.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zinc	66-2	500	537	587	541	8.04	cps
Zirconium	90-1	250	325	342	306	15.98	cps
Zirconium	91-1	67	108	67	81	29.86	cps

LB Number : LB102728 Operator : Jaswal
 Lab Sample ID : S2 Instrumnet Name : P7
 Client Sample ID : S2 Dilution Factor : 1
 Date & Time Acquired :: 2019-05-13 12:47:29 DataFile Name : 005CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	1700	1525	1767	1664	7.50	cps
Antimony	121-1	6010	6352	6185	6182	2.77	cps
Arsenic	75-2	327	369	278	325	14.05	cps
Barium	135-1	16953	18054	17971	17659	3.47	cps
Barium	137-1	30886	32013	31386	31428	1.80	cps
Beryllium	9-1	2154	2194	2157	2168	1.02	cps
Bismuth	209-1	4309194	4294357	4249657	4284403	0.72	cps
Bismuth	209-2	3502534	3336916	2911751	3250400	9.38	cps
Boron	10-1	2217	2442	2509	2389	6.40	cps
Boron	11-1	10379	10637	10646	10554	1.44	cps
Cadmium	111-1	2281	2482	2559	2441	5.90	cps
Cadmium	106-1	2467	2567	2759	2598	5.71	cps
Cadmium	108-1	96	63	67	75	24.22	cps
Calcium	43-1	12522	11914	12556	12331	2.93	cps
Calcium	44-1	202465	203185	202484	202711	0.20	cps
Chromium	52-2	4704	4811	4971	4829	2.78	cps
Cobalt	59-2	1777	1977	2047	1933	7.25	cps
Copper	63-2	4597	4621	4721	4646	1.41	cps
Dysprosium	156-1	0	8	0	3	173.21	cps
Dysprosium	156-2	0	10	3	4	114.60	cps
Erbium	164-1	17	42	8	22	78.07	cps
Erbium	164-2	7	3	20	10	88.20	cps
Gadolinium	160-1	25	25	25	25	0.00	cps
Gadolinium	160-2	113	130	77	107	25.58	cps
Holmium	165-1	6392472	6360046	6381635	6378051	0.26	cps
Holmium	165-2	4526905	4317143	3768696	4204248	9.31	cps
Indium	115-1	4637841	4630785	4580368	4616331	0.68	cps
Indium	115-2	1286977	1214786	1050973	1184245	10.21	cps
Iron	56-2	189685	190738	195578	192000	1.64	cps
Iron	57-2	4729	5034	4968	4910	3.27	cps
Krypton	83-1	213	233	263	237	10.63	cps
Lead	206-1	5974	6357	6196	6176	3.12	cps
Lead	207-1	5496	5674	5468	5546	2.01	cps
Lead	208-1	25511	26027	25822	25787	1.01	cps
Lithium	6-1	2183551	2188077	2160702	2177443	0.67	cps
Magnesium	24-2	92988	92560	94320	93289	0.98	cps

LB Number : LB102728 Operator : Jaswal
 Lab Sample ID : S2 Instrumnet Name : P7
 Client Sample ID : S2 Dilution Factor : 1
 Date & Time Acquired :: 2019-05-13 12:47:29 DataFile Name : 005CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	1507	1443	1393	1448	3.92	cps
Molybdenum	94-1	14608	14917	15200	14908	1.99	cps
Molybdenum	95-1	19397	19005	19389	19264	1.16	cps
Molybdenum	96-1	20674	20591	21008	20757	1.06	cps
Molybdenum	97-1	12106	11780	12014	11967	1.40	cps
Molybdenum	98-1	31127	30960	30575	30887	0.92	cps
Neodymium	150-1	0	7	0	2	173.21	cps
Neodymium	150-2	0	0	0	0	0.00	cps
Nickel	60-2	917	927	890	911	2.08	cps
Phosphorus	31-2	217	258	150	208	26.23	cps
Potassium	39-2	98072	98141	100858	99024	1.60	cps
Rhodium	103-1	4275842	4259011	4235282	4256711	0.48	cps
Rhodium	103-2	2598856	2446601	2134313	2393257	9.90	cps
Scandium	45-1	3417753	3402216	3353458	3391142	0.99	cps
Scandium	45-2	186003	176774	153719	172165	9.66	cps
Selenium	77-2	43	40	37	40	8.32	cps
Selenium	78-2	187	172	187	182	4.70	cps
Selenium	82-1	916	815	850	860	5.99	cps
Silicon	28-1	150871	151198	150917	150995	0.12	cps
Silver	109-1	12006	12081	12339	12142	1.44	cps
Silver	107-1	12681	13132	12206	12673	3.65	cps
Sodium	23-2	181105	181139	180968	181071	0.05	cps
Strontium	86-1	2892	2934	3175	3000	5.10	cps
Strontium	88-1	21684	22268	22009	21987	1.33	cps
Sulfur	34-1	262694	266390	266194	265093	0.78	cps
Terbium	159-1	6570204	6527194	6477672	6525024	0.71	cps
Terbium	159-2	4394166	4226969	3675295	4098810	9.18	cps
Thallium	203-1	3401	3434	3292	3376	2.19	cps
Thallium	205-1	8737	8862	9020	8873	1.60	cps
Thorium	232-1	25870	26154	25965	25997	0.56	cps
Tin	118-1	31478	32196	31770	31815	1.14	cps
Titanium	47-1	5651	5960	5776	5796	2.68	cps
Uranium	238-1	27388	26954	27329	27224	0.87	cps
Vanadium	51-2	9443	9807	9376	9542	2.43	cps
Yttrium	89-1	5128333	5095627	5052422	5092127	0.75	cps
Yttrium	89-2	979589	923526	807651	903589	9.70	cps

LB Number :	LB102728	Operator :	Jaswal
Lab Sample ID :	S2	Instrumnet Name :	P7
Client Sample ID :	S2	Dilution Factor :	1
Date & Time Acquired ::	2019-05-13 12:47:29	DataFile Name :	005CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zinc	66-2	1377	1297	1310	1328	3.23	cps
Zirconium	90-1	11472	11380	11413	11422	0.41	cps
Zirconium	91-1	2875	2600	2550	2675	6.54	cps

LB Number : LB102728 Operator : Jaswal
 Lab Sample ID : S3 Instrumnet Name : P7
 Client Sample ID : S3 Dilution Factor : 1
 Date & Time Acquired :: 2019-05-13 12:51:25 DataFile Name : 006CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	86977	87011	87665	87218	0.44	cps
Antimony	121-1	352075	351959	353628	352554	0.26	cps
Arsenic	75-2	13314	13348	13524	13395	0.84	cps
Barium	135-1	476638	475434	470042	474038	0.74	cps
Barium	137-1	834663	835654	824031	831449	0.77	cps
Beryllium	9-1	119942	118030	117993	118655	0.94	cps
Bismuth	209-1	4375495	4396413	4393633	4388514	0.26	cps
Bismuth	209-2	3055669	3059032	3104181	3072961	0.88	cps
Boron	10-1	21015	20932	21432	21127	1.27	cps
Boron	11-1	89196	89298	90454	89649	0.78	cps
Cadmium	111-1	106150	107281	106582	106671	0.54	cps
Cadmium	106-1	13507	13841	13899	13749	1.54	cps
Cadmium	108-1	8048	8386	8357	8264	2.26	cps
Calcium	43-1	133514	134986	132514	133671	0.93	cps
Calcium	44-1	2167424	2178786	2146472	2164227	0.76	cps
Chromium	52-2	117718	117150	117231	117367	0.26	cps
Cobalt	59-2	178767	177320	179696	178594	0.67	cps
Copper	63-2	236841	237183	240612	238212	0.88	cps
Dysprosium	156-1	8	17	0	8	100.02	cps
Dysprosium	156-2	10	10	13	11	17.30	cps
Erbium	164-1	8	42	25	25	66.68	cps
Erbium	164-2	17	10	17	14	26.66	cps
Gadolinium	160-1	58	25	17	33	66.14	cps
Gadolinium	160-2	103	103	117	108	7.14	cps
Holmium	165-1	6602405	6599415	6645317	6615712	0.39	cps
Holmium	165-2	3971656	4010285	4024076	4002005	0.68	cps
Indium	115-1	4695328	4733977	4696184	4708496	0.47	cps
Indium	115-2	1099419	1103681	1109488	1104196	0.46	cps
Iron	56-2	4817871	4805549	4824467	4815962	0.20	cps
Iron	57-2	126513	124288	124609	125137	0.96	cps
Krypton	83-1	240	280	277	266	8.36	cps
Lead	206-1	330033	333105	332380	331839	0.48	cps
Lead	207-1	301681	302634	305902	303406	0.73	cps
Lead	208-1	1358551	1369079	1366559	1364730	0.40	cps
Lithium	6-1	2179357	2184862	2173801	2179340	0.25	cps
Magnesium	24-2	995518	1002287	995008	997604	0.41	cps

LB Number :	LB102728	Operator :	Jaswal
Lab Sample ID :	S3	Instrumnet Name :	P7
Client Sample ID :	S3	Dilution Factor :	1
Date & Time Acquired ::	2019-05-13 12:51:25	DataFile Name :	006CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	150817	149173	150332	150107	0.56	cps
Molybdenum	94-1	753644	757990	750632	754089	0.49	cps
Molybdenum	95-1	917484	924575	915187	919082	0.53	cps
Molybdenum	96-1	1016124	1027127	1012281	1018510	0.76	cps
Molybdenum	97-1	574893	572530	574415	573946	0.22	cps
Molybdenum	98-1	1480303	1473073	1466497	1473291	0.47	cps
Neodymium	150-1	67	47	47	53	21.65	cps
Neodymium	150-2	13	7	7	9	43.25	cps
Nickel	60-2	45949	45848	45444	45747	0.58	cps
Phosphorus	31-2	4909	4784	4609	4768	3.16	cps
Potassium	39-2	480357	483116	480621	481365	0.32	cps
Rhodium	103-1	4286742	4279692	4237658	4268031	0.62	cps
Rhodium	103-2	2200590	2204113	2228971	2211225	0.70	cps
Scandium	45-1	3424540	3426599	3428934	3426691	0.06	cps
Scandium	45-2	158635	158032	158541	158403	0.20	cps
Selenium	77-2	437	387	407	410	6.14	cps
Selenium	78-2	1508	1400	1407	1438	4.17	cps
Selenium	82-1	8171	8315	8196	8227	0.94	cps
Silicon	28-1	412317	417620	413923	414620	0.66	cps
Silver	109-1	463081	452665	452591	456113	1.32	cps
Silver	107-1	481453	480248	476755	479485	0.51	cps
Sodium	23-2	1895349	1883806	1870311	1883155	0.67	cps
Strontium	86-1	126158	125343	125629	125710	0.33	cps
Strontium	88-1	1098809	1085046	1081042	1088299	0.86	cps
Sulfur	34-1	300846	295739	296123	297569	0.96	cps
Terbium	159-1	6708160	6739385	6755094	6734213	0.35	cps
Terbium	159-2	3881051	3907403	3915819	3901424	0.46	cps
Thallium	203-1	401407	400182	400248	400612	0.17	cps
Thallium	205-1	967625	971110	975338	971358	0.40	cps
Thorium	232-1	1526432	1522041	1527376	1525283	0.19	cps
Tin	118-1	311204	306593	307836	308544	0.77	cps
Titanium	47-1	282235	281149	279805	281063	0.43	cps
Uranium	238-1	1533141	1537216	1519871	1530076	0.59	cps
Vanadium	51-2	94467	95537	95238	95080	0.58	cps
Yttrium	89-1	5177043	5166323	5186004	5176457	0.19	cps
Yttrium	89-2	834742	837517	846061	839440	0.70	cps

LB Number :	LB102728	Operator :	Jaswal
Lab Sample ID :	S3	Instrumnet Name :	P7
Client Sample ID :	S3	Dilution Factor :	1
Date & Time Acquired ::	2019-05-13 12:51:25	DataFile Name :	006CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zinc	66-2	42686	42900	41964	42516	1.15	cps
Zirconium	90-1	639154	642488	637953	639865	0.37	cps
Zirconium	91-1	145911	144515	144043	144823	0.67	cps

LB Number :	LB102728	Operator :	Jaswal
Lab Sample ID :	S4	Instrumnet Name :	P7
Client Sample ID :	S4	Dilution Factor :	1
Date & Time Acquired ::	2019-05-13 12:55:22	DataFile Name :	007CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	200671	203188	198422	200760	1.19	cps
Antimony	121-1	868924	874137	859174	867412	0.88	cps
Arsenic	75-2	30476	30614	30593	30561	0.24	cps
Barium	135-1	1165922	1170349	1156193	1164155	0.62	cps
Barium	137-1	2045608	2047023	2022266	2038299	0.68	cps
Beryllium	9-1	281772	285717	276702	281397	1.61	cps
Bismuth	209-1	4356191	4370517	4377977	4368228	0.25	cps
Bismuth	209-2	2923306	2948241	2936671	2936073	0.42	cps
Boron	10-1	48595	50544	48370	49170	2.43	cps
Boron	11-1	209787	208707	209263	209252	0.26	cps
Cadmium	111-1	259567	257832	254959	257453	0.90	cps
Cadmium	106-1	31486	31360	30993	31280	0.82	cps
Cadmium	108-1	20215	20052	19981	20083	0.60	cps
Calcium	43-1	323918	323286	317208	321471	1.15	cps
Calcium	44-1	5204422	5194042	5112849	5170437	0.97	cps
Chromium	52-2	270341	271285	267344	269657	0.76	cps
Cobalt	59-2	408141	411157	409204	409501	0.37	cps
Copper	63-2	545187	545170	543635	544664	0.16	cps
Dysprosium	156-1	42	17	33	31	41.66	cps
Dysprosium	156-2	37	27	10	24	55.11	cps
Erbium	164-1	17	17	25	19	24.73	cps
Erbium	164-2	10	13	17	13	25.01	cps
Gadolinium	160-1	42	67	33	47	36.74	cps
Gadolinium	160-2	117	120	97	111	11.36	cps
Holmium	165-1	6630127	6590042	6594724	6604964	0.33	cps
Holmium	165-2	3811206	3836692	3813693	3820531	0.37	cps
Indium	115-1	4607354	4599153	4583920	4596809	0.26	cps
Indium	115-2	1019818	1028916	1008863	1019199	0.99	cps
Iron	56-2	11319326	11296168	11142324	11252606	0.85	cps
Iron	57-2	290140	291589	287848	289859	0.65	cps
Krypton	83-1	203	210	307	240	24.10	cps
Lead	206-1	826941	829439	828306	828229	0.15	cps
Lead	207-1	753751	766311	758036	759366	0.84	cps
Lead	208-1	3392692	3416803	3389491	3399662	0.44	cps
Lithium	6-1	2093113	2090682	2062278	2082024	0.82	cps
Magnesium	24-2	2300088	2310612	2265637	2292112	1.03	cps

LB Number :	LB102728	Operator :	Jaswal
Lab Sample ID :	S4	Instrumnet Name :	P7
Client Sample ID :	S4	Dilution Factor :	1
Date & Time Acquired ::	2019-05-13 12:55:22	DataFile Name :	007CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	351656	352201	346763	350207	0.86	cps
Molybdenum	94-1	1851174	1822416	1813719	1829103	1.07	cps
Molybdenum	95-1	2231767	2226888	2209039	2222564	0.54	cps
Molybdenum	96-1	2471851	2472826	2454129	2466269	0.43	cps
Molybdenum	97-1	1394365	1391565	1379795	1388575	0.56	cps
Molybdenum	98-1	3562053	3546007	3525515	3544525	0.52	cps
Neodymium	150-1	113	93	160	122	27.99	cps
Neodymium	150-2	20	13	13	16	24.76	cps
Nickel	60-2	103361	104297	102757	103471	0.75	cps
Phosphorus	31-2	11914	11188	11021	11374	4.17	cps
Potassium	39-2	1105405	1104105	1086020	1098510	0.99	cps
Rhodium	103-1	4170586	4119822	4098411	4129606	0.90	cps
Rhodium	103-2	2042675	2053483	2036991	2044383	0.41	cps
Scandium	45-1	3281870	3278766	3229276	3263304	0.90	cps
Scandium	45-2	144776	145607	143002	144462	0.92	cps
Selenium	77-2	1050	1000	1050	1033	2.79	cps
Selenium	78-2	3249	3428	3054	3244	5.77	cps
Selenium	82-1	20201	20259	19684	20048	1.58	cps
Silicon	28-1	831284	837836	831267	833462	0.45	cps
Silver	109-1	1095241	1112955	1089236	1099144	1.12	cps
Silver	107-1	1155747	1150744	1145864	1150785	0.43	cps
Sodium	23-2	4345045	4369129	4297760	4337311	0.84	cps
Strontium	86-1	305024	308752	300072	304616	1.43	cps
Strontium	88-1	2656982	2658508	2609926	2641805	1.05	cps
Sulfur	34-1	357447	348217	342821	349495	2.12	cps
Terbium	159-1	6660573	6718171	6688518	6689087	0.43	cps
Terbium	159-2	3716351	3759366	3707715	3727811	0.74	cps
Thallium	203-1	1001172	992557	994785	996171	0.45	cps
Thallium	205-1	2408098	2417237	2401602	2408979	0.33	cps
Thorium	232-1	3808118	3873535	3833761	3838471	0.86	cps
Tin	118-1	757447	754123	756802	756124	0.23	cps
Titanium	47-1	675813	674132	664146	671364	0.94	cps
Uranium	238-1	3814919	3874766	3858745	3849477	0.80	cps
Vanadium	51-2	218972	221831	218678	219827	0.79	cps
Yttrium	89-1	5062870	5069116	5005602	5045863	0.69	cps
Yttrium	89-2	780807	783388	768434	777543	1.03	cps

LB Number :	LB102728	Operator :	Jaswal
Lab Sample ID :	S4	Instrumnet Name :	P7
Client Sample ID :	S4	Dilution Factor :	1
Date & Time Acquired ::	2019-05-13 12:55:22	DataFile Name :	007CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zinc	66-2	97073	96962	96536	96857	0.29	cps
Zirconium	90-1	1573034	1565521	1546314	1561623	0.88	cps
Zirconium	91-1	354139	353162	350931	352744	0.47	cps

LB Number :	LB102728	Operator :	Jaswal
Lab Sample ID :	S5	Instrumnet Name :	P7
Client Sample ID :	S5	Dilution Factor :	1
Date & Time Acquired ::	2019-05-13 12:59:13	DataFile Name :	008CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	380081	378816	383497	380798	0.64	cps
Antimony	121-1	1662615	1646417	1655519	1654850	0.49	cps
Arsenic	75-2	57548	57577	58439	57855	0.88	cps
Barium	135-1	2224730	2239458	2234787	2232992	0.34	cps
Barium	137-1	3860313	3894311	3888646	3881090	0.47	cps
Beryllium	9-1	509884	512401	514188	512158	0.42	cps
Bismuth	209-1	4293307	4303471	4312973	4303250	0.23	cps
Bismuth	209-2	2833373	2861579	2881991	2858981	0.85	cps
Boron	10-1	90570	91326	93355	91750	1.57	cps
Boron	11-1	394099	391372	400996	395489	1.25	cps
Cadmium	111-1	480856	482299	484392	482516	0.37	cps
Cadmium	106-1	56765	56999	57133	56965	0.33	cps
Cadmium	108-1	37178	37755	37947	37626	1.06	cps
Calcium	43-1	596913	594640	589800	593784	0.61	cps
Calcium	44-1	9525600	9544478	9568025	9546034	0.22	cps
Chromium	52-2	505695	506468	510727	507630	0.53	cps
Cobalt	59-2	762303	759597	765154	762352	0.36	cps
Copper	63-2	1004138	1007938	1013614	1008563	0.47	cps
Dysprosium	156-1	33	42	75	50	44.10	cps
Dysprosium	156-2	23	43	60	42	43.49	cps
Erbium	164-1	25	25	17	22	21.64	cps
Erbium	164-2	30	17	13	20	44.10	cps
Gadolinium	160-1	50	67	33	50	33.34	cps
Gadolinium	160-2	97	113	133	114	16.04	cps
Holmium	165-1	6463126	6503960	6544784	6503957	0.63	cps
Holmium	165-2	3715808	3757871	3755066	3742915	0.63	cps
Indium	115-1	4356199	4314836	4334938	4335324	0.48	cps
Indium	115-2	971650	971648	981586	974961	0.59	cps
Iron	56-2	21229003	21270614	21326563	21275393	0.23	cps
Iron	57-2	546155	542650	552444	547083	0.91	cps
Krypton	83-1	247	233	193	224	12.37	cps
Lead	206-1	1618954	1617710	1611720	1616128	0.24	cps
Lead	207-1	1480522	1498356	1495039	1491306	0.64	cps
Lead	208-1	6617979	6659359	6674445	6650594	0.44	cps
Lithium	6-1	1943171	1932923	1932131	1936075	0.32	cps
Magnesium	24-2	4351788	4350017	4381832	4361212	0.41	cps

LB Number :	LB102728	Operator :	Jaswal
Lab Sample ID :	S5	Instrumnet Name :	P7
Client Sample ID :	S5	Dilution Factor :	1
Date & Time Acquired ::	2019-05-13 12:59:13	DataFile Name :	008CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	656525	660813	666415	661251	0.75	cps
Molybdenum	94-1	3415110	3389603	3416855	3407189	0.45	cps
Molybdenum	95-1	4132436	4128700	4144820	4135319	0.20	cps
Molybdenum	96-1	4658645	4648188	4663747	4656860	0.17	cps
Molybdenum	97-1	2566364	2570530	2577260	2571385	0.21	cps
Molybdenum	98-1	6750499	6809415	6783459	6781124	0.44	cps
Neodymium	150-1	200	273	187	220	21.21	cps
Neodymium	150-2	23	30	33	29	17.63	cps
Nickel	60-2	192438	193278	193125	192947	0.23	cps
Phosphorus	31-2	21066	20857	20373	20765	1.71	cps
Potassium	39-2	2040283	2047394	2070327	2052668	0.76	cps
Rhodium	103-1	3811335	3822008	3838397	3823913	0.36	cps
Rhodium	103-2	1928820	1926874	1943542	1933078	0.47	cps
Scandium	45-1	3033004	2996130	3036597	3021910	0.74	cps
Scandium	45-2	136754	137752	138059	137522	0.50	cps
Selenium	77-2	1967	1777	1723	1822	7.02	cps
Selenium	78-2	5892	6144	6168	6068	2.52	cps
Selenium	82-1	37263	37613	37147	37341	0.65	cps
Silicon	28-1	1417125	1427153	1434700	1426326	0.62	cps
Silver	109-1	2033185	2035450	2044288	2037641	0.29	cps
Silver	107-1	2130357	2139723	2143348	2137809	0.31	cps
Sodium	23-2	8234071	8223117	8333988	8263725	0.74	cps
Strontium	86-1	573604	578320	576239	576054	0.41	cps
Strontium	88-1	4983193	5004132	4998171	4995165	0.22	cps
Sulfur	34-1	420176	417935	420234	419449	0.31	cps
Terbium	159-1	6604737	6603905	6589635	6599426	0.13	cps
Terbium	159-2	3626218	3652592	3681278	3653362	0.75	cps
Thallium	203-1	1954498	1975864	1977465	1969276	0.65	cps
Thallium	205-1	4789735	4841644	4804973	4812117	0.55	cps
Thorium	232-1	7782438	7820615	7877543	7826865	0.61	cps
Tin	118-1	1456414	1446213	1456079	1452902	0.40	cps
Titanium	47-1	1232334	1235443	1234356	1234044	0.13	cps
Uranium	238-1	7804177	7879616	7856624	7846806	0.49	cps
Vanadium	51-2	411584	411393	417578	413518	0.85	cps
Yttrium	89-1	4769266	4753285	4745818	4756123	0.25	cps
Yttrium	89-2	742859	740357	753222	745479	0.91	cps

LB Number :	LB102728	Operator :	Jaswal
Lab Sample ID :	S5	Instrumnet Name :	P7
Client Sample ID :	S5	Dilution Factor :	1
Date & Time Acquired ::	2019-05-13 12:59:13	DataFile Name :	008CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zinc	66-2	180895	180772	182274	181314	0.46	cps
Zirconium	90-1	2910135	2912672	2912462	2911756	0.05	cps
Zirconium	91-1	659075	659550	658790	659138	0.06	cps

LB Number :	LB102728	Operator :	Jaswal
Lab Sample ID :	S6	Instrumnet Name :	P7
Client Sample ID :	S6	Dilution Factor :	1
Date & Time Acquired ::	2019-05-13 13:03:03	DataFile Name :	009CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	728041	731935	724227	728068	0.53	cps
Antimony	121-1	3204384	3196435	3195593	3198804	0.15	cps
Arsenic	75-2	111198	112162	112008	111789	0.46	cps
Barium	135-1	4309040	4331663	4327902	4322868	0.28	cps
Barium	137-1	7739469	7800609	7743757	7761278	0.44	cps
Beryllium	9-1	984156	978298	973430	978628	0.55	cps
Bismuth	209-1	4207647	4258357	4234233	4233412	0.60	cps
Bismuth	209-2	2835007	2888253	2976022	2899760	2.46	cps
Boron	10-1	174589	175994	176576	175720	0.58	cps
Boron	11-1	749768	755253	759494	754838	0.65	cps
Cadmium	111-1	1027848	1023512	1025379	1025580	0.21	cps
Cadmium	106-1	117223	115879	114896	116000	1.01	cps
Cadmium	108-1	80091	79744	78344	79393	1.16	cps
Calcium	43-1	1147123	1146044	1144240	1145802	0.13	cps
Calcium	44-1	18597825	18525647	18440882	18521451	0.42	cps
Chromium	52-2	970706	969731	970593	970343	0.05	cps
Cobalt	59-2	1456176	1451948	1457227	1455117	0.19	cps
Copper	63-2	2039446	2045874	2049072	2044797	0.24	cps
Dysprosium	156-1	108	92	100	100	8.33	cps
Dysprosium	156-2	60	113	127	100	35.28	cps
Erbium	164-1	42	42	25	36	26.65	cps
Erbium	164-2	10	37	7	18	92.48	cps
Gadolinium	160-1	92	58	17	56	67.63	cps
Gadolinium	160-2	100	77	107	94	16.68	cps
Holmium	165-1	6496136	6589110	6536330	6540526	0.71	cps
Holmium	165-2	3782988	3840635	3951850	3858491	2.22	cps
Indium	115-1	4229921	4248812	4227125	4235286	0.28	cps
Indium	115-2	953581	978890	1010575	981015	2.91	cps
Iron	56-2	40989541	40891875	40753362	40878259	0.29	cps
Iron	57-2	1043032	1046379	1044970	1044794	0.16	cps
Krypton	83-1	223	197	253	224	12.63	cps
Lead	206-1	3114992	3152854	3141162	3136336	0.62	cps
Lead	207-1	2900179	2899544	2928309	2909344	0.56	cps
Lead	208-1	13135215	13208542	13243155	13195638	0.42	cps
Lithium	6-1	1892513	1899899	1891158	1894523	0.25	cps
Magnesium	24-2	8416785	8438901	8369273	8408320	0.42	cps

LB Number :	LB102728	Operator :	Jaswal
Lab Sample ID :	S6	Instrumnet Name :	P7
Client Sample ID :	S6	Dilution Factor :	1
Date & Time Acquired ::	2019-05-13 13:03:03	DataFile Name :	009CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	1271094	1275887	1273631	1273537	0.19	cps
Molybdenum	94-1	6770083	6775630	6754714	6766809	0.16	cps
Molybdenum	95-1	8243707	8240032	8211084	8231608	0.22	cps
Molybdenum	96-1	9152370	9155427	9109249	9139015	0.28	cps
Molybdenum	97-1	5173824	5160663	5123321	5152603	0.51	cps
Molybdenum	98-1	13368175	13311748	13248876	13309600	0.45	cps
Neodymium	150-1	480	373	500	451	15.10	cps
Neodymium	150-2	47	67	23	46	47.61	cps
Nickel	60-2	367603	366643	362533	365593	0.74	cps
Phosphorus	31-2	40080	40214	38751	39682	2.04	cps
Potassium	39-2	3932497	3958433	3948595	3946508	0.33	cps
Rhodium	103-1	3708144	3716885	3686442	3703824	0.42	cps
Rhodium	103-2	1896279	1938165	1985847	1940097	2.31	cps
Scandium	45-1	2965880	2967018	2951928	2961609	0.28	cps
Scandium	45-2	137480	140673	143483	140545	2.14	cps
Selenium	77-2	3394	3254	3480	3376	3.39	cps
Selenium	78-2	11631	11684	11872	11729	1.08	cps
Selenium	82-1	71898	71339	71364	71534	0.44	cps
Silicon	28-1	2643547	2679213	2680551	2667771	0.79	cps
Silver	109-1	4195617	4209926	4190884	4198809	0.24	cps
Silver	107-1	4389717	4395909	4366852	4384159	0.35	cps
Sodium	23-2	16078888	16125713	16039320	16081307	0.27	cps
Strontium	86-1	1122863	1127772	1119306	1123314	0.38	cps
Strontium	88-1	9777310	9809187	9800750	9795749	0.17	cps
Sulfur	34-1	625091	616739	611801	617877	1.09	cps
Terbium	159-1	6596840	6640562	6587747	6608383	0.43	cps
Terbium	159-2	3685614	3728600	3815670	3743295	1.77	cps
Thallium	203-1	3827900	3858077	3836283	3840753	0.41	cps
Thallium	205-1	9444395	9578632	9548056	9523694	0.74	cps
Thorium	232-1	15608818	15798580	15710488	15705962	0.60	cps
Tin	118-1	2810500	2814363	2806565	2810476	0.14	cps
Titanium	47-1	2396273	2378766	2369144	2381394	0.58	cps
Uranium	238-1	15694410	15827851	15839271	15787177	0.51	cps
Vanadium	51-2	796120	797526	795075	796240	0.15	cps
Yttrium	89-1	4695021	4736605	4717549	4716392	0.44	cps
Yttrium	89-2	741847	753514	774368	756576	2.18	cps

LB Number :	LB102728	Operator :	Jaswal
Lab Sample ID :	S6	Instrumnet Name :	P7
Client Sample ID :	S6	Dilution Factor :	1
Date & Time Acquired ::	2019-05-13 13:03:03	DataFile Name :	009CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zinc	66-2	366405	369185	370380	368657	0.55	cps
Zirconium	90-1	5835166	5872405	5829465	5845679	0.40	cps
Zirconium	91-1	1281505	1287066	1267703	1278758	0.78	cps

LB Number : LB102728 Operator : Jaswal
 Lab Sample ID : S7 Instrumnet Name : P7
 Client Sample ID : S7 Dilution Factor : 1
 Date & Time Acquired :: 2019-05-13 13:06:50 DataFile Name : 010CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	1449875	1463928	1458861	1457555	0.49	cps
Antimony	121-1	6361545	6389774	6368880	6373400	0.23	cps
Arsenic	75-2	215553	219752	220421	218575	1.21	cps
Barium	135-1	8708170	8723934	8756588	8729564	0.28	cps
Barium	137-1	15153043	15285137	15238636	15225605	0.44	cps
Beryllium	9-1	1860768	1858474	1853207	1857483	0.21	cps
Bismuth	209-1	4092657	4060988	4015664	4056436	0.95	cps
Bismuth	209-2	2692854	2731027	2721242	2715041	0.73	cps
Boron	10-1	334272	340731	338955	337986	0.99	cps
Boron	11-1	1443661	1459330	1466116	1456369	0.79	cps
Cadmium	111-1	1885798	1864351	1874613	1874921	0.57	cps
Cadmium	106-1	215851	215192	211276	214106	1.16	cps
Cadmium	108-1	146944	146855	144170	145989	1.08	cps
Calcium	43-1	2230951	2223457	2230922	2228443	0.19	cps
Calcium	44-1	36310541	36242680	36251038	36268087	0.10	cps
Chromium	52-2	1905187	1928274	1924228	1919230	0.64	cps
Cobalt	59-2	2802916	2828339	2838382	2823212	0.65	cps
Copper	63-2	3907783	3959165	3952864	3939937	0.71	cps
Dysprosium	156-1	117	183	133	144	24.02	cps
Dysprosium	156-2	203	173	227	201	13.29	cps
Erbium	164-1	25	25	17	22	21.64	cps
Erbium	164-2	17	23	13	18	28.64	cps
Gadolinium	160-1	117	67	33	72	58.08	cps
Gadolinium	160-2	120	110	90	107	14.32	cps
Holmium	165-1	6488927	6462737	6479401	6477022	0.20	cps
Holmium	165-2	3684763	3730280	3691715	3702253	0.66	cps
Indium	115-1	4035945	4036644	4024628	4032406	0.17	cps
Indium	115-2	901880	908799	911380	907353	0.54	cps
Iron	56-2	81057760	81197310	80586399	80947156	0.40	cps
Iron	57-2	2045279	2054149	2056641	2052023	0.29	cps
Krypton	83-1	183	223	233	213	12.40	cps
Lead	206-1	6305761	6317297	6304461	6309173	0.11	cps
Lead	207-1	5837008	5843704	5806479	5829064	0.34	cps
Lead	208-1	26188500	26170818	26071039	26143452	0.24	cps
Lithium	6-1	1845146	1831185	1830396	1835576	0.45	cps
Magnesium	24-2	16715882	16836592	16784665	16779047	0.36	cps

LB Number :	LB102728	Operator :	Jaswal
Lab Sample ID :	S7	Instrumnet Name :	P7
Client Sample ID :	S7	Dilution Factor :	1
Date & Time Acquired ::	2019-05-13 13:06:50	DataFile Name :	010CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	2490056	2525925	2503798	2506593	0.72	cps
Molybdenum	94-1	13296661	13350182	13208880	13285241	0.54	cps
Molybdenum	95-1	16123993	16126131	16107720	16119281	0.06	cps
Molybdenum	96-1	17982767	17952138	17919181	17951362	0.18	cps
Molybdenum	97-1	10099702	10101607	10108780	10103363	0.05	cps
Molybdenum	98-1	26149938	26149588	26141558	26147028	0.02	cps
Neodymium	150-1	667	680	780	709	8.74	cps
Neodymium	150-2	97	90	90	92	4.18	cps
Nickel	60-2	703529	709797	709519	707615	0.50	cps
Phosphorus	31-2	78666	78657	79772	79032	0.81	cps
Potassium	39-2	7931012	7994410	7908400	7944607	0.56	cps
Rhodium	103-1	3525818	3513692	3499788	3513099	0.37	cps
Rhodium	103-2	1805265	1820985	1809192	1811814	0.45	cps
Scandium	45-1	2891930	2868229	2873926	2878028	0.43	cps
Scandium	45-2	134446	136263	134763	135157	0.72	cps
Selenium	77-2	6592	6732	6765	6696	1.37	cps
Selenium	78-2	22477	22588	22684	22583	0.46	cps
Selenium	82-1	136304	135092	135460	135619	0.46	cps
Silicon	28-1	5105449	5150506	5186282	5147412	0.79	cps
Silver	109-1	8173812	8159958	8142600	8158790	0.19	cps
Silver	107-1	8530133	8585034	8523071	8546079	0.40	cps
Sodium	23-2	31952217	32307306	32232292	32163939	0.58	cps
Strontium	86-1	2174349	2170013	2158039	2167467	0.39	cps
Strontium	88-1	19188159	19341208	19145520	19224962	0.54	cps
Sulfur	34-1	1021269	1014005	1004230	1013168	0.84	cps
Terbium	159-1	6547871	6480697	6527991	6518853	0.53	cps
Terbium	159-2	3560248	3627706	3584623	3590859	0.95	cps
Thallium	203-1	7753345	7767971	7779570	7766962	0.17	cps
Thallium	205-1	18717023	18749557	18836655	18767745	0.33	cps
Thorium	232-1	31435108	31388468	31331350	31384975	0.17	cps
Tin	118-1	5580513	5596778	5619219	5598837	0.35	cps
Titanium	47-1	4673608	4687564	4697101	4686091	0.25	cps
Uranium	238-1	31377887	31577308	31837914	31597703	0.73	cps
Vanadium	51-2	1579128	1590358	1590497	1586661	0.41	cps
Yttrium	89-1	4613936	4616254	4616407	4615532	0.03	cps
Yttrium	89-2	719175	725999	729519	724898	0.73	cps

LB Number :	LB102728	Operator :	Jaswal
Lab Sample ID :	S7	Instrumnet Name :	P7
Client Sample ID :	S7	Dilution Factor :	1
Date & Time Acquired ::	2019-05-13 13:06:50	DataFile Name :	010CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zinc	66-2	698714	705553	708539	704269	0.72	cps
Zirconium	90-1	11454241	11444429	11458021	11452230	0.06	cps
Zirconium	91-1	2481795	2470157	2473712	2475221	0.24	cps

LB Number : LB102728 Operator : Jaswal
 Lab Sample ID : S8 Instrumnet Name : P7
 Client Sample ID : S8 Dilution Factor : 1
 Date & Time Acquired :: 2019-05-13 13:10:36 DataFile Name : 011CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	8395002	8594792	8726939	8572244	1.95	cps
Antimony	121-1	8853	9470	9754	9359	4.92	cps
Arsenic	75-2	364	322	374	353	7.89	cps
Barium	135-1	1884	1942	1859	1895	2.26	cps
Barium	137-1	3559	3134	3042	3245	8.50	cps
Beryllium	9-1	443	353	413	403	11.36	cps
Bismuth	209-1	3526796	3521581	3500521	3516299	0.40	cps
Bismuth	209-2	2326291	2369169	2413175	2369545	1.83	cps
Boron	10-1	11388	10596	10195	10726	5.66	cps
Boron	11-1	49289	46055	42503	45949	7.39	cps
Cadmium	111-1	1800	1987	1898	1895	4.94	cps
Cadmium	106-1	2084	2317	2309	2236	5.92	cps
Cadmium	108-1	54	50	38	47	18.37	cps
Calcium	43-1	11967048	12115749	12278026	12120274	1.28	cps
Calcium	44-1	194376346	196390750	198398409	196388502	1.02	cps
Chromium	52-2	13550	13590	14114	13751	2.29	cps
Cobalt	59-2	35867	36809	37451	36709	2.17	cps
Copper	63-2	5541	5304	5524	5457	2.42	cps
Dysprosium	156-1	100	58	100	86	27.94	cps
Dysprosium	156-2	33	53	47	44	22.92	cps
Erbium	164-1	42	42	42	42	0.00	cps
Erbium	164-2	23	40	20	28	38.58	cps
Gadolinium	160-1	83	83	92	86	5.58	cps
Gadolinium	160-2	137	150	87	124	26.83	cps
Holmium	165-1	6089880	6147515	6172398	6136597	0.69	cps
Holmium	165-2	3560411	3589223	3660743	3603459	1.43	cps
Indium	115-1	3881386	3909413	3955415	3915405	0.95	cps
Indium	115-2	926909	944338	964167	945138	1.97	cps
Iron	56-2	432824310	438803599	447009377	439545762	1.62	cps
Iron	57-2	10977877	11088492	11277830	11114733	1.36	cps
Krypton	83-1	230	283	317	277	15.80	cps
Lead	206-1	6963	6991	7163	7039	1.54	cps
Lead	207-1	5829	6029	5796	5885	2.15	cps
Lead	208-1	27874	27473	27100	27482	1.41	cps
Lithium	6-1	1863908	1882677	1907999	1884861	1.17	cps
Magnesium	24-2	91488983	92991127	94563631	93014581	1.65	cps

LB Number :	LB102728	Operator :	Jaswal
Lab Sample ID :	S8	Instrumnet Name :	P7
Client Sample ID :	S8	Dilution Factor :	1
Date & Time Acquired ::	2019-05-13 13:10:36	DataFile Name :	011CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	10824	10978	11018	10940	0.93	cps
Molybdenum	94-1	8711	8536	8086	8445	3.82	cps
Molybdenum	95-1	13449	13474	12381	13101	4.76	cps
Molybdenum	96-1	18229	17361	17111	17567	3.34	cps
Molybdenum	97-1	7677	7361	7527	7522	2.11	cps
Molybdenum	98-1	19839	18913	19280	19344	2.41	cps
Neodymium	150-1	193	100	180	158	32.00	cps
Neodymium	150-2	57	60	70	62	11.15	cps
Nickel	60-2	8789	8826	8766	8794	0.34	cps
Phosphorus	31-2	242	275	242	253	7.61	cps
Potassium	39-2	46001279	46978178	47805956	46928471	1.92	cps
Rhodium	103-1	3255412	3275613	3329587	3286871	1.17	cps
Rhodium	103-2	1713383	1735240	1767508	1738710	1.57	cps
Scandium	45-1	2975325	3001242	3071202	3015923	1.64	cps
Scandium	45-2	146172	151353	156331	151286	3.36	cps
Selenium	77-2	3	0	3	2	86.60	cps
Selenium	78-2	30	52	33	38	31.11	cps
Selenium	82-1	114	92	39	82	47.45	cps
Silicon	28-1	347812	356605	359864	354760	1.76	cps
Silver	109-1	1909	1592	1550	1684	11.64	cps
Silver	107-1	1867	1842	1675	1795	5.81	cps
Sodium	23-2	178348821	181552817	185049300	181650312	1.84	cps
Strontium	86-1	10296	10262	10479	10346	1.13	cps
Strontium	88-1	85839	84876	84549	85088	0.79	cps
Sulfur	34-1	214549	222674	231394	222872	3.78	cps
Terbium	159-1	6194450	6200686	6260217	6218451	0.58	cps
Terbium	159-2	3444481	3507497	3577951	3509976	1.90	cps
Thallium	203-1	2142	1784	1567	1831	15.86	cps
Thallium	205-1	5510	4743	4001	4751	15.88	cps
Thorium	232-1	6902	6035	5512	6150	11.41	cps
Tin	118-1	5068	4976	5093	5046	1.22	cps
Titanium	47-1	3142	2975	3142	3087	3.12	cps
Uranium	238-1	3759	3217	3234	3403	9.05	cps
Vanadium	51-2	377	390	397	388	2.63	cps
Yttrium	89-1	4460095	4601792	4641970	4567952	2.09	cps
Yttrium	89-2	757171	764964	784384	768840	1.82	cps

LB Number :	LB102728	Operator :	Jaswal
Lab Sample ID :	S8	Instrumnet Name :	P7
Client Sample ID :	S8	Dilution Factor :	1
Date & Time Acquired ::	2019-05-13 13:10:36	DataFile Name :	011CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zinc	66-2	6712	7309	7209	7076	4.52	cps
Zirconium	90-1	3784	3459	3626	3623	4.49	cps
Zirconium	91-1	858	725	717	767	10.37	cps

LB Number : LB102728 Operator : Jaswal
 Lab Sample ID : ICV01 Instrumnet Name : P7
 Client Sample ID : ICV01 Dilution Factor : 1
 Date & Time Acquired :: 2019-05-13 13:17:26 DataFile Name : 012ICV01.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	46356	45997	47334	46562	1.49	cps
Antimony	121-1	1405319	1388652	1390558	1394843	0.65	cps
Arsenic	75-2	53794	52892	53495	53393	0.86	cps
Barium	135-1	195337	192930	194593	194287	0.63	cps
Barium	137-1	337437	337898	337039	337458	0.13	cps
Beryllium	9-1	236135	233951	233403	234496	0.62	cps
Bismuth	209-1	4656810	4557308	4589515	4601211	1.10	cps
Bismuth	209-2	3145645	3126158	3030946	3100917	1.98	cps
Boron	10-1	233187	234305	233720	233737	0.24	cps
Boron	11-1	1001264	997596	992616	997159	0.44	cps
Cadmium	111-1	224087	219855	218975	220972	1.24	cps
Cadmium	106-1	45875	45574	47272	46240	1.96	cps
Cadmium	108-1	23461	24050	23157	23556	1.93	cps
Calcium	43-1	63897	63470	62667	63345	0.99	cps
Calcium	44-1	965313	957291	946003	956203	1.01	cps
Chromium	52-2	232667	229529	232185	231460	0.73	cps
Cobalt	59-2	356541	352880	360186	356536	1.02	cps
Copper	63-2	238795	236607	238321	237908	0.48	cps
Dysprosium	156-1	8	8	0	6	86.60	cps
Dysprosium	156-2	7	0	10	6	91.64	cps
Erbium	164-1	100	58	75	78	26.96	cps
Erbium	164-2	33	57	40	43	27.74	cps
Gadolinium	160-1	42	33	25	33	25.00	cps
Gadolinium	160-2	110	80	120	103	20.15	cps
Holmium	165-1	6824317	6899676	6893398	6872464	0.61	cps
Holmium	165-2	4060652	4030785	3915654	4002363	1.91	cps
Indium	115-1	4860888	4885771	4820228	4855629	0.68	cps
Indium	115-2	1110918	1092845	1063099	1088954	2.22	cps
Iron	56-2	2037890	2018095	2048953	2034979	0.77	cps
Iron	57-2	50911	50426	51993	51110	1.57	cps
Krypton	83-1	247	293	280	273	8.79	cps
Lead	206-1	1365173	1358200	1361277	1361550	0.26	cps
Lead	207-1	1210478	1202738	1195535	1202917	0.62	cps
Lead	208-1	5487558	5445505	5451129	5461397	0.42	cps
Lithium	6-1	2314036	2307631	2269093	2296920	1.06	cps
Magnesium	24-2	245503	244362	246061	245309	0.35	cps

LB Number : LB102728 Operator : Jaswal
 Lab Sample ID : ICV01 Instrumnet Name : P7
 Client Sample ID : ICV01 Dilution Factor : 1
 Date & Time Acquired :: 2019-05-13 13:17:26 DataFile Name : 012ICV01.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	148137	147857	149378	148457	0.55	cps
Molybdenum	94-1	3279746	3249477	3238768	3255997	0.65	cps
Molybdenum	95-1	1807076	1810450	1780947	1799491	0.90	cps
Molybdenum	96-1	2312743	2302773	2302932	2306149	0.25	cps
Molybdenum	97-1	1128369	1129184	1122063	1126539	0.35	cps
Molybdenum	98-1	2920984	2885414	2882770	2896390	0.74	cps
Neodymium	150-1	20	40	13	24	56.78	cps
Neodymium	150-2	7	0	3	3	100.05	cps
Nickel	60-2	90430	89601	90963	90331	0.76	cps
Phosphorus	31-2	183	175	217	192	11.50	cps
Potassium	39-2	398582	390739	398722	396014	1.15	cps
Rhodium	103-1	4474817	4531699	4380609	4462375	1.71	cps
Rhodium	103-2	2259347	2234158	2173089	2222198	2.00	cps
Scandium	45-1	3618928	3601302	3544983	3588405	1.08	cps
Scandium	45-2	166884	163194	157204	162427	3.01	cps
Selenium	77-2	1527	1603	1487	1539	3.85	cps
Selenium	78-2	5620	5573	5564	5586	0.53	cps
Selenium	82-1	33872	33545	33606	33675	0.52	cps
Silicon	28-1	2781539	2762476	2763302	2769106	0.39	cps
Silver	109-1	921180	907235	904277	910897	0.99	cps
Silver	107-1	966518	959293	955762	960525	0.57	cps
Sodium	23-2	790452	777900	788544	785632	0.86	cps
Strontium	86-1	1231668	1231433	1214885	1225995	0.78	cps
Strontium	88-1	10782720	10822415	10731604	10778913	0.42	cps
Sulfur	34-1	247785	241334	235328	241482	2.58	cps
Terbium	159-1	7045853	7136167	7000640	7060887	0.98	cps
Terbium	159-2	3943238	3973645	3828277	3915053	1.96	cps
Thallium	203-1	1631740	1632551	1642425	1635572	0.36	cps
Thallium	205-1	3961676	3904824	3951130	3939210	0.77	cps
Thorium	232-1	232656	233532	231084	232424	0.53	cps
Tin	118-1	3008583	2967157	2972410	2982717	0.76	cps
Titanium	47-1	554590	557960	552433	554994	0.50	cps
Uranium	238-1	17763137	17808725	17767126	17779663	0.14	cps
Vanadium	51-2	189654	187329	188936	188640	0.63	cps
Yttrium	89-1	5469248	5443505	5381585	5431446	0.83	cps
Yttrium	89-2	863245	852603	825590	847146	2.29	cps

LB Number :	LB102728	Operator :	Jaswal
Lab Sample ID :	ICV01	Instrumnet Name :	P7
Client Sample ID :	ICV01	Dilution Factor :	1
Date & Time Acquired ::	2019-05-13 13:17:26	DataFile Name :	012ICV01.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zinc	66-2	83162	83192	84398	83584	0.84	cps
Zirconium	90-1	6411766	6334367	6318756	6354963	0.78	cps
Zirconium	91-1	1391971	1366471	1366667	1375036	1.07	cps

LB Number : LB102728 Operator : Jaswal
 Lab Sample ID : ICB01 Instrumnet Name : P7
 Client Sample ID : ICB01 Dilution Factor : 1
 Date & Time Acquired :: 2019-05-13 13:25:25 DataFile Name : 013CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	83	83	108	92	15.74	cps
Antimony	121-1	775	850	1075	900	17.35	cps
Arsenic	75-2	59	61	51	57	9.84	cps
Barium	135-1	50	42	42	44	10.82	cps
Barium	137-1	42	25	33	33	25.01	cps
Beryllium	9-1	110	63	127	100	32.83	cps
Bismuth	209-1	4439795	4597886	4402574	4480085	2.31	cps
Bismuth	209-2	3047315	3062663	3013899	3041292	0.82	cps
Boron	10-1	2375	2434	2342	2384	1.95	cps
Boron	11-1	11430	9662	10596	10562	8.37	cps
Cadmium	111-1	1703	1616	1701	1673	2.95	cps
Cadmium	106-1	2392	2284	2409	2361	2.87	cps
Cadmium	108-1	13	4	21	13	66.64	cps
Calcium	43-1	208	125	167	167	25.00	cps
Calcium	44-1	6952	6418	6819	6730	4.13	cps
Chromium	52-2	523	537	573	544	4.76	cps
Cobalt	59-2	40	27	17	28	42.13	cps
Copper	63-2	353	277	360	330	14.03	cps
Dysprosium	156-1	0	8	8	6	86.60	cps
Dysprosium	156-2	3	0	0	1	173.21	cps
Erbium	164-1	8	8	8	8	0.00	cps
Erbium	164-2	13	10	17	13	25.01	cps
Gadolinium	160-1	8	58	0	22	141.99	cps
Gadolinium	160-2	110	87	97	98	11.97	cps
Holmium	165-1	6701061	6780092	6737598	6739583	0.59	cps
Holmium	165-2	3897358	3947626	3861985	3902323	1.10	cps
Indium	115-1	4818503	4879456	4834654	4844204	0.65	cps
Indium	115-2	1098284	1114274	1090759	1101105	1.09	cps
Iron	56-2	4351	4312	4668	4443	4.39	cps
Iron	57-2	139	133	161	144	10.18	cps
Krypton	83-1	277	320	313	303	7.69	cps
Lead	206-1	433	372	400	402	7.61	cps
Lead	207-1	400	356	311	356	12.50	cps
Lead	208-1	1717	1645	1633	1665	2.72	cps
Lithium	6-1	2259742	2255016	2253599	2256119	0.14	cps
Magnesium	24-2	342	250	458	350	29.83	cps

LB Number : LB102728 Operator : Jaswal
 Lab Sample ID : ICB01 Instrumnet Name : P7
 Client Sample ID : ICB01 Dilution Factor : 1
 Date & Time Acquired :: 2019-05-13 13:25:25 DataFile Name : 013CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	43	40	23	36	30.14	cps
Molybdenum	94-1	442	483	533	486	9.44	cps
Molybdenum	95-1	542	575	517	544	5.38	cps
Molybdenum	96-1	692	533	617	614	12.90	cps
Molybdenum	97-1	325	217	400	314	29.36	cps
Molybdenum	98-1	800	800	658	753	10.87	cps
Neodymium	150-1	0	13	7	7	99.98	cps
Neodymium	150-2	7	0	0	2	173.21	cps
Nickel	60-2	50	23	40	38	35.67	cps
Phosphorus	31-2	142	175	333	217	47.26	cps
Potassium	39-2	11271	11046	10554	10957	3.35	cps
Rhodium	103-1	4343839	4344755	4319312	4335968	0.33	cps
Rhodium	103-2	2207715	2244123	2189814	2213884	1.25	cps
Scandium	45-1	3519343	3531342	3514690	3521792	0.24	cps
Scandium	45-2	162914	163625	159528	162023	1.35	cps
Selenium	77-2	3	0	0	1	173.21	cps
Selenium	78-2	15	39	43	32	47.00	cps
Selenium	82-1	26	-16	-31	-7	-416.59	cps
Silicon	28-1	132356	134634	130498	132496	1.56	cps
Silver	109-1	158	92	108	119	29.05	cps
Silver	107-1	125	225	183	178	28.25	cps
Sodium	23-2	5443	5718	5568	5576	2.47	cps
Strontium	86-1	633	475	475	528	17.32	cps
Strontium	88-1	425	383	358	389	8.66	cps
Sulfur	34-1	262906	263261	259717	261961	0.75	cps
Terbium	159-1	6893097	6926676	6929780	6916518	0.29	cps
Terbium	159-2	3844904	3867906	3792440	3835083	1.01	cps
Thallium	203-1	383	358	308	350	10.91	cps
Thallium	205-1	742	792	708	747	5.61	cps
Thorium	232-1	867	750	817	811	7.22	cps
Tin	118-1	758	742	725	742	2.25	cps
Titanium	47-1	92	108	100	100	8.33	cps
Uranium	238-1	483	383	350	406	17.11	cps
Vanadium	51-2	0	13	3	6	124.93	cps
Yttrium	89-1	5331877	5371625	5318928	5340810	0.51	cps
Yttrium	89-2	840378	851944	833951	842091	1.08	cps

LB Number :	LB102728	Operator :	Jaswal
Lab Sample ID :	ICB01	Instrumnet Name :	P7
Client Sample ID :	ICB01	Dilution Factor :	1
Date & Time Acquired ::	2019-05-13 13:25:25	DataFile Name :	013CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zinc	66-2	607	580	600	596	2.33	cps
Zirconium	90-1	642	600	517	586	10.86	cps
Zirconium	91-1	50	192	183	142	56.12	cps

LB Number : LB102728 Operator : Jaswal
 Lab Sample ID : ICSA01 Instrumnet Name : P7
 Client Sample ID : ICSA01 Dilution Factor : 1
 Date & Time Acquired :: 2019-05-13 13:32:46 DataFile Name : 015ICSA01.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	8164217	8189075	8041689	8131660	0.97	cps
Antimony	121-1	8103	8144	8236	8161	0.84	cps
Arsenic	75-2	113	129	155	132	15.95	cps
Barium	135-1	2809	2792	2800	2800	0.30	cps
Barium	137-1	4818	5168	4951	4979	3.55	cps
Beryllium	9-1	700	727	710	712	1.89	cps
Bismuth	209-1	4303378	4276559	4027912	4202617	3.61	cps
Bismuth	209-2	2814799	2850036	2819639	2828158	0.68	cps
Boron	10-1	2050	1558	1742	1784	13.93	cps
Boron	11-1	8169	8694	8219	8361	3.47	cps
Cadmium	111-1	3057	2827	2660	2848	7.00	cps
Cadmium	106-1	2517	2167	1959	2214	12.75	cps
Cadmium	108-1	2621	2659	2600	2627	1.13	cps
Calcium	43-1	2667670	2632016	2667083	2655590	0.77	cps
Calcium	44-1	43797275	43505534	44043215	43782008	0.61	cps
Chromium	52-2	47329	47480	46995	47268	0.53	cps
Cobalt	59-2	4304	4247	4374	4308	1.47	cps
Copper	63-2	17741	18408	17581	17910	2.45	cps
Dysprosium	156-1	33	33	8	25	57.74	cps
Dysprosium	156-2	20	40	23	28	38.58	cps
Erbium	164-1	100	50	67	72	35.26	cps
Erbium	164-2	17	27	17	20	28.86	cps
Gadolinium	160-1	58	75	42	58	28.57	cps
Gadolinium	160-2	140	90	120	117	21.57	cps
Holmium	165-1	7053301	7102134	6732256	6962564	2.89	cps
Holmium	165-2	3975272	3986232	3953792	3971765	0.42	cps
Indium	115-1	4746395	4802643	4492177	4680405	3.53	cps
Indium	115-2	1041375	1050196	1043495	1045022	0.44	cps
Iron	56-2	193991049	193577938	192422710	193330565	0.42	cps
Iron	57-2	4900415	4908922	4837989	4882442	0.79	cps
Krypton	83-1	303	247	310	287	12.14	cps
Lead	206-1	32434	31855	31878	32056	1.02	cps
Lead	207-1	26154	25430	25275	25620	1.83	cps
Lead	208-1	123195	122166	120699	122020	1.03	cps
Lithium	6-1	2199620	2206693	2078838	2161717	3.32	cps
Magnesium	24-2	20195212	20133646	19868501	20065787	0.87	cps

LB Number : LB102728 Operator : Jaswal
 Lab Sample ID : ICSA01 Instrumnet Name : P7
 Client Sample ID : ICSA01 Dilution Factor : 1
 Date & Time Acquired :: 2019-05-13 13:32:46 DataFile Name : 015ICSA01.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	11852	12252	12105	12070	1.68	cps
Molybdenum	94-1	4139680	4098951	4142963	4127198	0.59	cps
Molybdenum	95-1	7498756	7490938	7543498	7511064	0.38	cps
Molybdenum	96-1	7965015	8019715	8060986	8015239	0.60	cps
Molybdenum	97-1	4659920	4692380	4713707	4688669	0.58	cps
Molybdenum	98-1	12092435	12087273	12193919	12124542	0.50	cps
Neodymium	150-1	47	33	53	44	22.91	cps
Neodymium	150-2	17	17	17	17	0.00	cps
Nickel	60-2	4667	4614	4524	4602	1.57	cps
Phosphorus	31-2	458061	462301	454046	458136	0.90	cps
Potassium	39-2	19441265	19439469	19249297	19376677	0.57	cps
Rhodium	103-1	4054087	4041965	3759467	3951840	4.22	cps
Rhodium	103-2	2021708	2029479	2031159	2027449	0.25	cps
Scandium	45-1	3502619	3488902	3267962	3419827	3.85	cps
Scandium	45-2	158429	157607	156860	157632	0.50	cps
Selenium	77-2	3	0	3	2	86.60	cps
Selenium	78-2	37	39	46	41	12.03	cps
Selenium	82-1	-16	67	-5	15	292.01	cps
Silicon	28-1	249583	251328	252931	251281	0.67	cps
Silver	109-1	433	417	683	511	29.23	cps
Silver	107-1	442	675	525	547	21.61	cps
Sodium	23-2	39365401	39065215	38577959	39002859	1.02	cps
Strontium	86-1	90887	87365	86551	88268	2.61	cps
Strontium	88-1	772876	762844	770818	768846	0.69	cps
Sulfur	34-1	5002962	5005931	5079143	5029346	0.86	cps
Terbium	159-1	7170802	7237515	6730057	7046125	3.91	cps
Terbium	159-2	3866116	3899420	3835593	3867043	0.83	cps
Thallium	203-1	650	550	533	578	10.92	cps
Thallium	205-1	1308	1325	1392	1342	3.29	cps
Thorium	232-1	1095	1167	1017	1093	6.87	cps
Tin	118-1	1325	1500	1500	1442	7.01	cps
Titanium	47-1	2331855	2322881	2337767	2330834	0.32	cps
Uranium	238-1	692	583	575	617	10.56	cps
Vanadium	51-2	300	330	310	313	4.87	cps
Yttrium	89-1	5385302	5415811	5095929	5299014	3.33	cps
Yttrium	89-2	832796	832852	822739	829462	0.70	cps

LB Number :	LB102728	Operator :	Jaswal
Lab Sample ID :	ICSA01	Instrumnet Name :	P7
Client Sample ID :	ICSA01	Dilution Factor :	1
Date & Time Acquired ::	2019-05-13 13:32:46	DataFile Name :	015ICSA01.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zinc	66-2	5841	5498	5608	5649	3.10	cps
Zirconium	90-1	725	592	733	683	11.63	cps
Zirconium	91-1	150	133	217	167	26.46	cps

LB Number :	LB102728	Operator :	Jaswal
Lab Sample ID :	ICSAB01	Instrumnet Name :	P7
Client Sample ID :	ICSAB01	Dilution Factor :	1
Date & Time Acquired ::	2019-05-13 13:36:24	DataFile Name :	016ICSB.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	8192612	8159108	8097874	8149865	0.59	cps
Antimony	121-1	151434	150336	150313	150694	0.42	cps
Arsenic	75-2	5104	5043	5362	5170	3.28	cps
Barium	135-1	42132	43445	42717	42764	1.54	cps
Barium	137-1	74114	76260	73302	74559	2.05	cps
Beryllium	9-1	46310	46364	46183	46286	0.20	cps
Bismuth	209-1	4283793	4258739	4271196	4271243	0.29	cps
Bismuth	209-2	2843258	2853956	2869470	2855561	0.46	cps
Boron	10-1	24262	24295	23819	24126	1.10	cps
Boron	11-1	106616	108144	105266	106675	1.35	cps
Cadmium	111-1	42286	42803	43229	42773	1.10	cps
Cadmium	106-1	8194	7777	8478	8150	4.32	cps
Cadmium	108-1	6252	6026	6406	6228	3.06	cps
Calcium	43-1	2637503	2646665	2637867	2640678	0.20	cps
Calcium	44-1	43343771	43869765	43702755	43638763	0.62	cps
Chromium	52-2	93017	93179	94222	93473	0.70	cps
Cobalt	59-2	72880	72615	71416	72304	1.08	cps
Copper	63-2	61408	63189	62854	62484	1.51	cps
Dysprosium	156-1	42	42	33	39	12.38	cps
Dysprosium	156-2	23	13	20	19	26.96	cps
Erbium	164-1	100	17	58	58	71.42	cps
Erbium	164-2	17	40	20	26	49.38	cps
Gadolinium	160-1	25	58	108	64	65.65	cps
Gadolinium	160-2	100	120	140	120	16.67	cps
Holmium	165-1	7047523	7039806	7121671	7069667	0.64	cps
Holmium	165-2	3969305	4054973	4056496	4026925	1.24	cps
Indium	115-1	4732538	4710353	4745837	4729576	0.38	cps
Indium	115-2	1043183	1056057	1063995	1054412	1.00	cps
Iron	56-2	193970704	193645910	192486127	193367580	0.40	cps
Iron	57-2	4876157	4877038	4881871	4878356	0.06	cps
Krypton	83-1	253	273	263	263	3.80	cps
Lead	206-1	170169	170162	170860	170397	0.24	cps
Lead	207-1	144645	144179	144296	144373	0.17	cps
Lead	208-1	671703	668268	668612	669528	0.28	cps
Lithium	6-1	2190026	2179968	2186936	2185643	0.24	cps
Magnesium	24-2	20197362	20148911	20087194	20144489	0.27	cps

LB Number :	LB102728	Operator :	Jaswal
Lab Sample ID :	ICSAB01	Instrumnet Name :	P7
Client Sample ID :	ICSAB01	Dilution Factor :	1
Date & Time Acquired ::	2019-05-13 13:36:24	DataFile Name :	016ICSB.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	41194	41381	41572	41383	0.46	cps
Molybdenum	94-1	4582458	4596971	4642696	4607375	0.68	cps
Molybdenum	95-1	7645566	7697193	7670952	7671237	0.34	cps
Molybdenum	96-1	8181346	8245547	8243436	8223443	0.44	cps
Molybdenum	97-1	4760011	4816012	4816436	4797486	0.68	cps
Molybdenum	98-1	12404701	12417765	12426454	12416307	0.09	cps
Neodymium	150-1	27	33	27	29	13.31	cps
Neodymium	150-2	17	10	23	17	39.99	cps
Nickel	60-2	21246	21937	21402	21528	1.68	cps
Phosphorus	31-2	457413	459536	455299	457416	0.46	cps
Potassium	39-2	19421373	19543193	19295087	19419884	0.64	cps
Rhodium	103-1	4024270	3994744	3971762	3996925	0.66	cps
Rhodium	103-2	2039599	2051929	2059859	2050462	0.50	cps
Scandium	45-1	3478681	3451408	3463543	3464544	0.39	cps
Scandium	45-2	159056	159743	161200	160000	0.68	cps
Selenium	77-2	177	180	173	177	1.88	cps
Selenium	78-2	546	541	589	559	4.72	cps
Selenium	82-1	3267	3126	3046	3146	3.56	cps
Silicon	28-1	535963	543270	534960	538065	0.84	cps
Silver	109-1	167894	165625	166563	166694	0.68	cps
Silver	107-1	176318	176749	176334	176467	0.14	cps
Sodium	23-2	39132894	39062906	39005745	39067181	0.16	cps
Strontium	86-1	249452	249059	252474	250328	0.75	cps
Strontium	88-1	2144896	2151665	2148960	2148507	0.16	cps
Sulfur	34-1	4998677	5008691	4974937	4994102	0.35	cps
Terbium	159-1	7137604	7168124	7232885	7179538	0.68	cps
Terbium	159-2	3887451	3956165	3936692	3926769	0.90	cps
Thallium	203-1	167813	168059	167509	167794	0.16	cps
Thallium	205-1	405587	403882	404796	404755	0.21	cps
Thorium	232-1	16277	16488	16633	16466	1.09	cps
Tin	118-1	322778	324655	321727	323053	0.46	cps
Titanium	47-1	2378640	2368884	2371668	2373064	0.21	cps
Uranium	238-1	1699516	1669952	1682021	1683830	0.88	cps
Vanadium	51-2	37925	38771	38447	38381	1.11	cps
Yttrium	89-1	5342883	5368235	5357965	5356361	0.24	cps
Yttrium	89-2	831716	836348	843466	837177	0.71	cps

LB Number :	LB102728	Operator :	Jaswal
Lab Sample ID :	ICSAB01	Instrumnet Name :	P7
Client Sample ID :	ICSAB01	Dilution Factor :	1
Date & Time Acquired ::	2019-05-13 13:36:24	DataFile Name :	016ICSB.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zinc	66-2	12712	12382	13016	12703	2.50	cps
Zirconium	90-1	678271	676397	674361	676343	0.29	cps
Zirconium	91-1	154104	152402	150811	152439	1.08	cps

LB Number :	LB102728	Operator :	Jaswal
Lab Sample ID :	CCV67	Instrumnet Name :	P7
Client Sample ID :	CCV67	Dilution Factor :	1
Date & Time Acquired ::	2019-05-13 13:41:15	DataFile Name :	017CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	4840663	4826383	4865791	4844279	0.41	cps
Antimony	121-1	3686610	3683330	3681912	3683951	0.07	cps
Arsenic	75-2	119430	120301	121108	120279	0.70	cps
Barium	135-1	4753886	4813690	4753279	4773618	0.73	cps
Barium	137-1	8328748	8340001	8315436	8328062	0.15	cps
Beryllium	9-1	1077118	1077216	1073493	1075943	0.20	cps
Bismuth	209-1	4045477	4005517	3994008	4015000	0.67	cps
Bismuth	209-2	2670748	2682836	2676614	2676732	0.23	cps
Boron	10-1	192839	190021	195287	192716	1.37	cps
Boron	11-1	838462	831168	851900	840510	1.25	cps
Cadmium	111-1	968644	962342	968532	966506	0.37	cps
Cadmium	106-1	113795	112796	113249	113280	0.44	cps
Cadmium	108-1	77288	76643	76903	76945	0.42	cps
Calcium	43-1	6668777	6668997	6628283	6655352	0.35	cps
Calcium	44-1	107988211	107886732	108288715	108054552	0.19	cps
Chromium	52-2	1115330	1126252	1116696	1119426	0.53	cps
Cobalt	59-2	1624915	1625707	1627802	1626142	0.09	cps
Copper	63-2	2329919	2336122	2345283	2337108	0.33	cps
Dysprosium	156-1	83	200	125	136	43.43	cps
Dysprosium	156-2	127	103	100	110	13.21	cps
Erbium	164-1	42	17	92	50	76.37	cps
Erbium	164-2	40	7	13	20	88.19	cps
Gadolinium	160-1	108	75	100	94	18.37	cps
Gadolinium	160-2	113	113	147	124	15.46	cps
Holmium	165-1	6883810	6859183	6841622	6861538	0.31	cps
Holmium	165-2	3896135	3914365	3925840	3912113	0.38	cps
Indium	115-1	4531222	4391201	4408572	4443665	1.72	cps
Indium	115-2	995322	999950	1007153	1000808	0.60	cps
Iron	56-2	236641950	236749255	237802872	237064692	0.27	cps
Iron	57-2	5997568	5979605	6057742	6011638	0.68	cps
Krypton	83-1	263	320	220	268	18.73	cps
Lead	206-1	3132512	3128900	3122926	3128112	0.15	cps
Lead	207-1	2911409	2886823	2885645	2894626	0.50	cps
Lead	208-1	13189877	13183413	13114256	13162515	0.32	cps
Lithium	6-1	2120654	2113266	2126440	2120120	0.31	cps
Magnesium	24-2	49250614	49256560	49580485	49362553	0.38	cps

LB Number :	LB102728	Operator :	Jaswal
Lab Sample ID :	CCV67	Instrumnet Name :	P7
Client Sample ID :	CCV67	Dilution Factor :	1
Date & Time Acquired ::	2019-05-13 13:41:15	DataFile Name :	017CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	1433773	1448008	1453280	1445020	0.70	cps
Molybdenum	94-1	7592061	7561114	7612042	7588406	0.34	cps
Molybdenum	95-1	9163027	9171672	9174655	9169785	0.07	cps
Molybdenum	96-1	10169834	10137510	10174796	10160713	0.20	cps
Molybdenum	97-1	5735428	5701969	5730144	5722514	0.31	cps
Molybdenum	98-1	14832436	14749646	14738949	14773677	0.35	cps
Neodymium	150-1	507	580	553	547	6.79	cps
Neodymium	150-2	73	120	77	90	28.93	cps
Nickel	60-2	438439	442188	443835	441487	0.63	cps
Phosphorus	31-2	45972	46733	46607	46437	0.88	cps
Potassium	39-2	24547069	24609692	24742217	24632993	0.40	cps
Rhodium	103-1	3808261	3754477	3804137	3788959	0.79	cps
Rhodium	103-2	1921163	1923841	1929771	1924925	0.23	cps
Scandium	45-1	3425597	3398287	3422085	3415323	0.44	cps
Scandium	45-2	158631	158210	158641	158494	0.16	cps
Selenium	77-2	3804	3801	3761	3788	0.64	cps
Selenium	78-2	12971	13260	13243	13158	1.23	cps
Selenium	82-1	78688	77349	78046	78028	0.86	cps
Silicon	28-1	3146732	3193398	3238683	3192938	1.44	cps
Silver	109-1	4117091	4093069	4100168	4103443	0.30	cps
Silver	107-1	4296581	4268841	4266132	4277185	0.39	cps
Sodium	23-2	96293231	96266071	96004594	96187965	0.17	cps
Strontium	86-1	1242042	1228851	1235300	1235398	0.53	cps
Strontium	88-1	10882821	10863528	10807663	10851337	0.36	cps
Sulfur	34-1	721082	716165	720477	719241	0.37	cps
Terbium	159-1	6989296	6985261	6981052	6985203	0.06	cps
Terbium	159-2	3787912	3813585	3826208	3809235	0.51	cps
Thallium	203-1	3830377	3820270	3831388	3827345	0.16	cps
Thallium	205-1	9637869	9629620	9601264	9622917	0.20	cps
Thorium	232-1	16255354	16237360	16263823	16252179	0.08	cps
Tin	118-1	2955588	2964911	2966687	2962395	0.20	cps
Titanium	47-1	2748469	2744970	2740058	2744499	0.15	cps
Uranium	238-1	16144669	16345011	16204611	16231430	0.63	cps
Vanadium	51-2	935234	936556	939943	937244	0.26	cps
Yttrium	89-1	5217575	5179597	5192874	5196682	0.37	cps
Yttrium	89-2	809807	817599	815293	814233	0.49	cps

LB Number :	LB102728	Operator :	Jaswal
Lab Sample ID :	CCV67	Instrumnet Name :	P7
Client Sample ID :	CCV67	Dilution Factor :	1
Date & Time Acquired ::	2019-05-13 13:41:15	DataFile Name :	017CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zinc	66-2	414061	414067	417307	415145	0.45	cps
Zirconium	90-1	6603850	6520039	6558256	6560715	0.64	cps
Zirconium	91-1	1430149	1422282	1420936	1424456	0.35	cps

LB Number :	LB102728	Operator :	Jaswal
Lab Sample ID :	LLCCV01	Instrumnet Name :	P7
Client Sample ID :	LLCCV01	Dilution Factor :	1
Date & Time Acquired ::	2019-05-13 13:57:03	DataFile Name :	018LLIC.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	1867	2075	2075	2006	6.00	cps
Antimony	121-1	7702	8094	8219	8005	3.37	cps
Arsenic	75-2	306	319	308	311	2.15	cps
Barium	135-1	20391	20975	19840	20402	2.78	cps
Barium	137-1	35705	35196	35463	35455	0.72	cps
Beryllium	9-1	2407	2500	2404	2437	2.25	cps
Bismuth	209-1	4815668	4750392	4773670	4779910	0.69	cps
Bismuth	209-2	3154883	3190745	3179638	3175089	0.58	cps
Boron	10-1	3651	3792	3784	3742	2.13	cps
Boron	11-1	16735	16426	15992	16384	2.28	cps
Cadmium	111-1	2669	2845	2338	2617	9.83	cps
Cadmium	106-1	2750	2800	2142	2564	14.30	cps
Cadmium	108-1	146	88	88	107	31.49	cps
Calcium	43-1	14282	14541	14499	14441	0.96	cps
Calcium	44-1	236310	234098	233188	234532	0.68	cps
Chromium	52-2	5528	5331	5271	5377	2.50	cps
Cobalt	59-2	2247	2364	2314	2308	2.54	cps
Copper	63-2	5284	5311	5171	5255	1.41	cps
Dysprosium	156-1	0	0	0	0	0.00	cps
Dysprosium	156-2	3	0	3	2	86.60	cps
Erbium	164-1	8	17	8	11	43.34	cps
Erbium	164-2	10	3	7	7	50.03	cps
Gadolinium	160-1	67	50	58	58	14.29	cps
Gadolinium	160-2	77	120	90	96	23.22	cps
Holmium	165-1	7255179	7178537	7157387	7197034	0.71	cps
Holmium	165-2	4111206	4154261	4141579	4135682	0.53	cps
Indium	115-1	5252971	5187557	5173127	5204552	0.82	cps
Indium	115-2	1162575	1174645	1171439	1169553	0.53	cps
Iron	56-2	218694	225916	220784	221798	1.68	cps
Iron	57-2	5373	5484	5257	5371	2.12	cps
Krypton	83-1	277	207	293	259	17.76	cps
Lead	206-1	6746	7141	7258	7048	3.80	cps
Lead	207-1	6530	6574	6635	6580	0.81	cps
Lead	208-1	29225	29853	29380	29486	1.11	cps
Lithium	6-1	2466908	2430598	2412939	2436815	1.13	cps
Magnesium	24-2	108374	111604	110254	110077	1.47	cps

LB Number :	LB102728	Operator :	Jaswal
Lab Sample ID :	LLCCV01	Instrumnet Name :	P7
Client Sample ID :	LLCCV01	Dilution Factor :	1
Date & Time Acquired ::	2019-05-13 13:57:03	DataFile Name :	018LLIC.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	1737	1743	1727	1736	0.48	cps
Molybdenum	94-1	17511	17286	17111	17303	1.16	cps
Molybdenum	95-1	22084	22569	21091	21915	3.44	cps
Molybdenum	96-1	24405	24488	23904	24266	1.30	cps
Molybdenum	97-1	13891	14274	13332	13832	3.43	cps
Molybdenum	98-1	36623	35061	35637	35774	2.21	cps
Neodymium	150-1	0	0	7	2	173.21	cps
Neodymium	150-2	3	0	0	1	173.21	cps
Nickel	60-2	1060	900	1073	1011	9.54	cps
Phosphorus	31-2	158	142	275	192	37.90	cps
Potassium	39-2	115799	115530	117446	116258	0.89	cps
Rhodium	103-1	4866771	4808073	4780890	4818578	0.91	cps
Rhodium	103-2	2344378	2382570	2362030	2362993	0.81	cps
Scandium	45-1	3868404	3801157	3769106	3812889	1.33	cps
Scandium	45-2	174197	177897	176773	176289	1.08	cps
Selenium	77-2	47	50	43	47	7.15	cps
Selenium	78-2	217	174	207	199	11.23	cps
Selenium	82-1	917	1098	923	979	10.52	cps
Silicon	28-1	178131	165254	167586	170324	4.03	cps
Silver	109-1	15893	15676	15025	15531	2.91	cps
Silver	107-1	16819	15684	15392	15965	4.72	cps
Sodium	23-2	216801	221022	215703	217842	1.29	cps
Strontium	86-1	3309	3342	3517	3389	3.30	cps
Strontium	88-1	24305	25473	24672	24817	2.41	cps
Sulfur	34-1	293945	289283	287974	290401	1.08	cps
Terbium	159-1	7400396	7278547	7268006	7315650	1.01	cps
Terbium	159-2	4049144	4051723	4031883	4044250	0.27	cps
Thallium	203-1	3967	4009	4268	4081	3.98	cps
Thallium	205-1	10429	9837	10380	10215	3.21	cps
Thorium	232-1	29679	29695	29712	29695	0.06	cps
Tin	118-1	37355	36557	35604	36505	2.40	cps
Titanium	47-1	7052	6877	6877	6935	1.46	cps
Uranium	238-1	29936	29493	28591	29340	2.34	cps
Vanadium	51-2	10991	10934	10941	10955	0.28	cps
Yttrium	89-1	5819386	5771994	5731340	5774240	0.76	cps
Yttrium	89-2	908248	909682	906741	908223	0.16	cps

LB Number :	LB102728	Operator :	Jaswal
Lab Sample ID :	LLCCV01	Instrumnet Name :	P7
Client Sample ID :	LLCCV01	Dilution Factor :	1
Date & Time Acquired ::	2019-05-13 13:57:03	DataFile Name :	018LLIC.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zinc	66-2	1563	1683	1653	1633	3.82	cps
Zirconium	90-1	13190	13282	13081	13184	0.76	cps
Zirconium	91-1	2917	3034	3134	3028	3.58	cps

LB Number : LB102728 Operator : Jaswal
 Lab Sample ID : CCB67 Instrumnet Name : P7
 Client Sample ID : CCB67 Dilution Factor : 1
 Date & Time Acquired :: 2019-05-13 14:00:39 DataFile Name : 019CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	58	50	58	56	8.67	cps
Antimony	121-1	317	483	450	417	21.17	cps
Arsenic	75-2	65	71	76	70	7.23	cps
Barium	135-1	25	50	67	47	44.41	cps
Barium	137-1	58	42	100	67	45.06	cps
Beryllium	9-1	107	93	110	103	8.53	cps
Bismuth	209-1	4561968	4727513	4558165	4615882	2.09	cps
Bismuth	209-2	3114385	3174270	3165809	3151488	1.03	cps
Boron	10-1	1283	1067	1133	1161	9.56	cps
Boron	11-1	5476	4993	4734	5068	7.43	cps
Cadmium	111-1	1870	1897	1778	1848	3.38	cps
Cadmium	106-1	2650	2700	2542	2631	3.08	cps
Cadmium	108-1	8	8	8	8	0.00	cps
Calcium	43-1	133	75	242	150	56.38	cps
Calcium	44-1	7011	6985	7669	7222	5.37	cps
Chromium	52-2	617	633	600	617	2.70	cps
Cobalt	59-2	23	27	20	23	14.29	cps
Copper	63-2	380	403	390	391	2.99	cps
Dysprosium	156-1	0	0	8	3	173.21	cps
Dysprosium	156-2	3	3	0	2	86.60	cps
Erbium	164-1	17	33	25	25	33.32	cps
Erbium	164-2	10	10	13	11	17.30	cps
Gadolinium	160-1	42	25	8	25	66.68	cps
Gadolinium	160-2	107	133	117	119	11.33	cps
Holmium	165-1	7036336	7134482	7098612	7089810	0.70	cps
Holmium	165-2	4061596	4090791	4124470	4092286	0.77	cps
Indium	115-1	5127018	5169300	5157803	5151374	0.42	cps
Indium	115-2	1152906	1158546	1169563	1160338	0.73	cps
Iron	56-2	4373	4223	4290	4295	1.75	cps
Iron	57-2	133	106	100	113	15.81	cps
Krypton	83-1	337	320	263	307	12.54	cps
Lead	206-1	461	394	483	446	10.36	cps
Lead	207-1	428	472	400	433	8.41	cps
Lead	208-1	1789	1861	1861	1837	2.27	cps
Lithium	6-1	2408361	2408158	2409226	2408582	0.02	cps
Magnesium	24-2	325	367	342	344	6.09	cps

LB Number :	LB102728	Operator :	Jaswal
Lab Sample ID :	CCB67	Instrumnet Name :	P7
Client Sample ID :	CCB67	Dilution Factor :	1
Date & Time Acquired ::	2019-05-13 14:00:39	DataFile Name :	019CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	37	30	53	40	30.04	cps
Molybdenum	94-1	425	300	433	386	19.34	cps
Molybdenum	95-1	333	292	375	333	12.50	cps
Molybdenum	96-1	383	367	425	392	7.67	cps
Molybdenum	97-1	200	275	275	250	17.32	cps
Molybdenum	98-1	492	525	575	531	7.91	cps
Neodymium	150-1	0	7	0	2	173.21	cps
Neodymium	150-2	0	0	0	0	0.00	cps
Nickel	60-2	40	53	40	44	17.32	cps
Phosphorus	31-2	233	217	267	239	10.66	cps
Potassium	39-2	12714	12180	11889	12261	3.42	cps
Rhodium	103-1	4710835	4774950	4753716	4746500	0.69	cps
Rhodium	103-2	2329060	2354661	2354102	2345941	0.62	cps
Scandium	45-1	3764134	3764309	3753168	3760537	0.17	cps
Scandium	45-2	173565	174537	174503	174202	0.32	cps
Selenium	77-2	3	0	0	1	173.21	cps
Selenium	78-2	37	33	26	32	17.62	cps
Selenium	82-1	-26	-34	59	0	-59114.83	cps
Silicon	28-1	134600	134366	132928	133965	0.68	cps
Silver	109-1	108	92	117	106	12.06	cps
Silver	107-1	67	133	117	106	32.87	cps
Sodium	23-2	5576	6035	5993	5868	4.32	cps
Strontium	86-1	517	483	425	475	9.77	cps
Strontium	88-1	167	183	267	206	26.07	cps
Sulfur	34-1	289341	292043	294176	291853	0.83	cps
Terbium	159-1	7174646	7327641	7260293	7254193	1.06	cps
Terbium	159-2	3999561	4034689	4024520	4019590	0.45	cps
Thallium	203-1	217	225	275	239	13.21	cps
Thallium	205-1	617	567	667	617	8.11	cps
Thorium	232-1	706	628	661	665	5.87	cps
Tin	118-1	508	442	500	483	7.52	cps
Titanium	47-1	92	100	117	103	12.39	cps
Uranium	238-1	50	108	142	100	46.40	cps
Vanadium	51-2	0	3	13	6	124.93	cps
Yttrium	89-1	5636454	5685304	5688950	5670236	0.52	cps
Yttrium	89-2	894110	904163	899021	899098	0.56	cps

LB Number :	LB102728	Operator :	Jaswal
Lab Sample ID :	CCB67	Instrumnet Name :	P7
Client Sample ID :	CCB67	Dilution Factor :	1
Date & Time Acquired ::	2019-05-13 14:00:39	DataFile Name :	019CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zinc	66-2	673	610	723	669	8.49	cps
Zirconium	90-1	400	517	525	481	14.54	cps
Zirconium	91-1	75	117	117	103	23.41	cps

LB Number :	LB102728	Operator :	Jaswal
Lab Sample ID :	CRI	Instrumnet Name :	P7
Client Sample ID :	CRI	Dilution Factor :	1
Date & Time Acquired ::	2019-05-13 14:04:15	DataFile Name :	020LLCC.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	1692	1909	2000	1867	8.48	cps
Antimony	121-1	6602	6627	6427	6552	1.66	cps
Arsenic	75-2	242	366	312	307	20.35	cps
Barium	135-1	18822	18121	18847	18596	2.22	cps
Barium	137-1	32882	34235	32948	33355	2.29	cps
Beryllium	9-1	2324	2380	2424	2376	2.11	cps
Bismuth	209-1	4772758	4735022	4775033	4760938	0.47	cps
Bismuth	209-2	3109164	3183280	3161642	3151362	1.21	cps
Boron	10-1	3175	3351	3209	3245	2.86	cps
Boron	11-1	13915	14416	13673	14001	2.70	cps
Cadmium	111-1	2722	2559	2673	2651	3.15	cps
Cadmium	106-1	2675	2650	2767	2698	2.28	cps
Cadmium	108-1	79	108	92	93	15.73	cps
Calcium	43-1	13648	13140	13106	13298	2.28	cps
Calcium	44-1	220799	219303	219750	219951	0.35	cps
Chromium	52-2	5118	5211	5038	5122	1.69	cps
Cobalt	59-2	2044	2244	2260	2182	5.53	cps
Copper	63-2	5068	5024	5014	5035	0.56	cps
Dysprosium	156-1	0	0	0	0	0.00	cps
Dysprosium	156-2	7	0	0	2	173.21	cps
Erbium	164-1	0	25	33	19	89.22	cps
Erbium	164-2	33	7	17	19	71.30	cps
Gadolinium	160-1	8	8	25	14	69.31	cps
Gadolinium	160-2	127	93	103	108	15.87	cps
Holmium	165-1	7097983	7169307	7134057	7133782	0.50	cps
Holmium	165-2	4067476	4121954	4111007	4100145	0.70	cps
Indium	115-1	5147029	5152206	5172077	5157104	0.26	cps
Indium	115-2	1145995	1165547	1170502	1160681	1.12	cps
Iron	56-2	205702	207505	210622	207943	1.20	cps
Iron	57-2	5312	5401	5290	5334	1.10	cps
Krypton	83-1	247	243	333	274	18.59	cps
Lead	206-1	6852	6896	6457	6735	3.59	cps
Lead	207-1	5913	6224	6118	6085	2.60	cps
Lead	208-1	27495	27756	26589	27280	2.25	cps
Lithium	6-1	2429403	2424853	2422971	2425743	0.14	cps
Magnesium	24-2	104026	103691	104849	104189	0.57	cps

LB Number :	LB102728	Operator :	Jaswal
Lab Sample ID :	CRI	Instrumnet Name :	P7
Client Sample ID :	CRI	Dilution Factor :	1
Date & Time Acquired ::	2019-05-13 14:04:15	DataFile Name :	020LLCC.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	1667	1683	1620	1657	1.98	cps
Molybdenum	94-1	15993	15826	15442	15754	1.79	cps
Molybdenum	95-1	20031	19848	20908	20262	2.80	cps
Molybdenum	96-1	23412	22552	22635	22866	2.07	cps
Molybdenum	97-1	12131	12773	12873	12592	3.20	cps
Molybdenum	98-1	33674	32697	33081	33150	1.49	cps
Neodymium	150-1	7	0	7	4	86.60	cps
Neodymium	150-2	7	0	0	2	173.21	cps
Nickel	60-2	987	963	850	933	7.83	cps
Phosphorus	31-2	192	183	108	161	28.49	cps
Potassium	39-2	108141	108696	108821	108553	0.33	cps
Rhodium	103-1	4739596	4780054	4801809	4773820	0.66	cps
Rhodium	103-2	2316466	2344034	2364884	2341795	1.04	cps
Scandium	45-1	3784724	3768668	3754208	3769200	0.40	cps
Scandium	45-2	172983	176420	176234	175212	1.10	cps
Selenium	77-2	57	60	37	51	24.69	cps
Selenium	78-2	183	167	189	180	6.44	cps
Selenium	82-1	989	1012	780	927	13.78	cps
Silicon	28-1	164274	163265	161520	163020	0.85	cps
Silver	109-1	12982	13699	13207	13296	2.76	cps
Silver	107-1	13499	13582	13649	13576	0.55	cps
Sodium	23-2	203504	203781	205334	204207	0.48	cps
Strontium	86-1	3159	3167	3117	3148	0.85	cps
Strontium	88-1	23821	23921	22977	23573	2.20	cps
Sulfur	34-1	289501	287416	291686	289535	0.74	cps
Terbium	159-1	7260713	7295615	7286628	7280985	0.25	cps
Terbium	159-2	3971298	4011413	4022412	4001708	0.67	cps
Thallium	203-1	3917	3851	3842	3870	1.06	cps
Thallium	205-1	9687	9796	9379	9621	2.25	cps
Thorium	232-1	28069	28381	27863	28105	0.93	cps
Tin	118-1	34435	34477	33558	34156	1.52	cps
Titanium	47-1	6602	6385	6126	6371	3.74	cps
Uranium	238-1	27755	27614	27588	27652	0.33	cps
Vanadium	51-2	9960	10234	10024	10072	1.42	cps
Yttrium	89-1	5699141	5747546	5735103	5727264	0.44	cps
Yttrium	89-2	893111	899275	902844	898410	0.55	cps

LB Number :	LB102728	Operator :	Jaswal
Lab Sample ID :	CRI	Instrumnet Name :	P7
Client Sample ID :	CRI	Dilution Factor :	1
Date & Time Acquired ::	2019-05-13 14:04:15	DataFile Name :	020LLCC.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zinc	66-2	1680	1437	1453	1523	8.92	cps
Zirconium	90-1	12673	12231	12573	12492	1.86	cps
Zirconium	91-1	3209	2734	2942	2962	8.04	cps

LB Number :	LB102728	Operator :	Jaswal
Lab Sample ID :	PB119678BL	Instrumnet Name :	P7
Client Sample ID :	PB119678BL	Dilution Factor :	1
Date & Time Acquired ::	2019-05-13 14:10:24	DataFile Name :	021CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	33	67	75	58	37.80	cps
Antimony	121-1	200	250	325	258	24.36	cps
Arsenic	75-2	74	45	41	53	34.37	cps
Barium	135-1	42	25	50	39	32.73	cps
Barium	137-1	50	42	42	44	10.82	cps
Beryllium	9-1	63	90	67	73	19.81	cps
Bismuth	209-1	4468521	4435247	4425899	4443222	0.50	cps
Bismuth	209-2	3079549	3096206	3078884	3084880	0.32	cps
Boron	10-1	983	975	983	981	0.49	cps
Boron	11-1	4334	4167	4468	4323	3.48	cps
Cadmium	111-1	1718	1684	1554	1652	5.22	cps
Cadmium	106-1	2442	2400	2209	2350	5.30	cps
Cadmium	108-1	0	0	0	0	0.00	cps
Calcium	43-1	133	158	142	144	8.81	cps
Calcium	44-1	7052	6777	6644	6824	3.05	cps
Chromium	52-2	633	557	583	591	6.58	cps
Cobalt	59-2	53	40	40	44	17.32	cps
Copper	63-2	363	360	387	370	3.93	cps
Dysprosium	156-1	8	0	0	3	173.21	cps
Dysprosium	156-2	3	3	0	2	86.60	cps
Erbium	164-1	25	25	25	25	0.00	cps
Erbium	164-2	7	7	17	10	57.72	cps
Gadolinium	160-1	50	42	50	47	10.18	cps
Gadolinium	160-2	93	123	93	103	16.76	cps
Holmium	165-1	6925854	6915700	6933541	6925032	0.13	cps
Holmium	165-2	3994475	4026316	4009895	4010229	0.40	cps
Indium	115-1	5023765	5022267	5014317	5020116	0.10	cps
Indium	115-2	1140615	1142364	1151277	1144752	0.50	cps
Iron	56-2	3734	3528	3384	3549	4.96	cps
Iron	57-2	83	133	100	106	24.12	cps
Krypton	83-1	300	300	240	280	12.37	cps
Lead	206-1	417	461	400	426	7.42	cps
Lead	207-1	389	383	283	352	16.88	cps
Lead	208-1	1656	1722	1561	1646	4.92	cps
Lithium	6-1	2388901	2365519	2367599	2374006	0.55	cps
Magnesium	24-2	233	392	258	294	28.91	cps

LB Number :	LB102728	Operator :	Jaswal
Lab Sample ID :	PB119678BL	Instrumnet Name :	P7
Client Sample ID :	PB119678BL	Dilution Factor :	1
Date & Time Acquired ::	2019-05-13 14:10:24	DataFile Name :	021CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	53	17	17	29	73.26	cps
Molybdenum	94-1	242	242	242	242	0.00	cps
Molybdenum	95-1	183	125	142	150	20.03	cps
Molybdenum	96-1	192	233	183	203	13.21	cps
Molybdenum	97-1	58	100	50	69	38.58	cps
Molybdenum	98-1	250	150	242	214	25.94	cps
Neodymium	150-1	0	7	0	2	173.21	cps
Neodymium	150-2	0	0	3	1	173.21	cps
Nickel	60-2	50	20	40	37	41.66	cps
Phosphorus	31-2	192	167	225	194	15.05	cps
Potassium	39-2	12239	11622	11755	11872	2.74	cps
Rhodium	103-1	4662811	4651254	4655745	4656603	0.13	cps
Rhodium	103-2	2311080	2306585	2306260	2307975	0.12	cps
Scandium	45-1	3709378	3683262	3693416	3695352	0.36	cps
Scandium	45-2	171314	171688	173397	172133	0.65	cps
Selenium	77-2	0	0	0	0	0.00	cps
Selenium	78-2	31	41	43	38	15.55	cps
Selenium	82-1	22	5	80	36	109.93	cps
Silicon	28-1	131298	131389	130229	130972	0.49	cps
Silver	109-1	83	33	92	69	45.44	cps
Silver	107-1	67	67	92	75	19.24	cps
Sodium	23-2	4334	4701	4584	4540	4.13	cps
Strontium	86-1	533	475	458	489	8.05	cps
Strontium	88-1	233	158	100	164	40.78	cps
Sulfur	34-1	298618	297770	298373	298254	0.15	cps
Terbium	159-1	7064562	7077352	7088955	7076956	0.17	cps
Terbium	159-2	3956089	3973113	3930557	3953253	0.54	cps
Thallium	203-1	167	242	125	178	33.25	cps
Thallium	205-1	367	442	425	411	9.58	cps
Thorium	232-1	511	433	411	452	11.62	cps
Tin	118-1	283	358	383	342	15.23	cps
Titanium	47-1	108	83	83	92	15.74	cps
Uranium	238-1	50	25	75	50	50.00	cps
Vanadium	51-2	0	3	3	2	86.60	cps
Yttrium	89-1	5592771	5584168	5586605	5587848	0.08	cps
Yttrium	89-2	883688	889479	885604	886257	0.33	cps

LB Number :	LB102728	Operator :	Jaswal
Lab Sample ID :	PB119678BL	Instrumnet Name :	P7
Client Sample ID :	PB119678BL	Dilution Factor :	1
Date & Time Acquired ::	2019-05-13 14:10:24	DataFile Name :	021CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zinc	66-2	647	780	610	679	13.18	cps
Zirconium	90-1	358	292	400	350	15.61	cps
Zirconium	91-1	50	58	50	53	9.12	cps

LB Number :	LB102728	Operator :	Jaswal
Lab Sample ID :	PB119678BS	Instrumnet Name :	P7
Client Sample ID :	PB119678BS	Dilution Factor :	1
Date & Time Acquired ::	2019-05-13 14:14:01	DataFile Name :	022LCSS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	867683	875903	876953	873513	0.58	cps
Antimony	121-1	3426044	3440402	3418707	3428384	0.32	cps
Arsenic	75-2	130675	129733	130341	130250	0.37	cps
Barium	135-1	4823776	4872489	4803623	4833296	0.73	cps
Barium	137-1	8389551	8478799	8326899	8398416	0.91	cps
Beryllium	9-1	1145157	1147461	1144115	1145577	0.15	cps
Bismuth	209-1	4279523	4251428	4236907	4255953	0.51	cps
Bismuth	209-2	2872824	2903092	2902793	2892903	0.60	cps
Boron	10-1	197441	202758	202226	200808	1.46	cps
Boron	11-1	863769	879518	879566	874284	1.04	cps
Cadmium	111-1	1006499	1012607	995497	1004868	0.86	cps
Cadmium	106-1	117140	118702	115165	117002	1.52	cps
Cadmium	108-1	77875	79375	79065	78771	1.01	cps
Calcium	43-1	1332970	1324576	1314124	1323890	0.71	cps
Calcium	44-1	21714645	21699966	21493574	21636062	0.57	cps
Chromium	52-2	1144988	1141451	1139611	1142017	0.24	cps
Cobalt	59-2	1690995	1698094	1694089	1694393	0.21	cps
Copper	63-2	2196149	2216841	2198240	2203743	0.52	cps
Dysprosium	156-1	67	42	83	64	32.83	cps
Dysprosium	156-2	107	90	120	106	14.24	cps
Erbium	164-1	50	42	33	42	20.00	cps
Erbium	164-2	27	7	20	18	57.27	cps
Gadolinium	160-1	75	42	67	61	28.38	cps
Gadolinium	160-2	97	107	137	113	18.37	cps
Holmium	165-1	6838169	6883699	6869831	6863900	0.34	cps
Holmium	165-2	3906782	3928902	3921596	3919093	0.29	cps
Indium	115-1	4653047	4645569	4628302	4642306	0.27	cps
Indium	115-2	1033856	1035967	1036713	1035512	0.14	cps
Iron	56-2	48556173	48460093	47961619	48325962	0.66	cps
Iron	57-2	1213135	1220718	1214638	1216163	0.33	cps
Krypton	83-1	250	280	250	260	6.66	cps
Lead	206-1	3205979	3228117	3198294	3210797	0.48	cps
Lead	207-1	2967944	2983245	2938531	2963240	0.77	cps
Lead	208-1	13533610	13611483	13445169	13530087	0.62	cps
Lithium	6-1	2220779	2205768	2201420	2209322	0.46	cps
Magnesium	24-2	10196724	10157454	10122634	10158937	0.36	cps

LB Number :	LB102728	Operator :	Jaswal
Lab Sample ID :	PB119678BS	Instrumnet Name :	P7
Client Sample ID :	PB119678BS	Dilution Factor :	1
Date & Time Acquired ::	2019-05-13 14:14:01	DataFile Name :	022LCSS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	1478173	1482744	1477298	1479405	0.20	cps
Molybdenum	94-1	7603807	7633832	7602644	7613428	0.23	cps
Molybdenum	95-1	9258426	9232252	9227905	9239527	0.18	cps
Molybdenum	96-1	10221199	10309847	10278206	10269751	0.44	cps
Molybdenum	97-1	5764428	5783282	5753483	5767064	0.26	cps
Molybdenum	98-1	14888814	14946125	14915570	14916836	0.19	cps
Neodymium	150-1	407	433	380	407	6.56	cps
Neodymium	150-2	23	53	47	41	38.32	cps
Nickel	60-2	425812	428819	425573	426735	0.42	cps
Phosphorus	31-2	47861	48380	49116	48452	1.30	cps
Potassium	39-2	4814795	4801385	4786783	4800988	0.29	cps
Rhodium	103-1	4035567	4048063	4007148	4030259	0.52	cps
Rhodium	103-2	2057657	2075551	2060267	2064491	0.47	cps
Scandium	45-1	3420314	3416663	3381962	3406313	0.62	cps
Scandium	45-2	158874	157833	157635	158114	0.42	cps
Selenium	77-2	3854	3994	4007	3952	2.15	cps
Selenium	78-2	13480	13523	13497	13500	0.16	cps
Selenium	82-1	79351	80226	80026	79868	0.57	cps
Silicon	28-1	3295599	3378463	3412813	3362291	1.79	cps
Silver	109-1	4182719	4188196	4153208	4174708	0.45	cps
Silver	107-1	4631717	4683007	4600168	4638297	0.90	cps
Sodium	23-2	19508009	19361340	19356480	19408610	0.44	cps
Strontium	86-1	1247945	1234394	1235637	1239326	0.60	cps
Strontium	88-1	10978028	10962227	10913508	10951254	0.31	cps
Sulfur	34-1	742333	749453	737533	743106	0.81	cps
Terbium	159-1	6965243	7020518	6964574	6983445	0.46	cps
Terbium	159-2	3794483	3808798	3828548	3810610	0.45	cps
Thallium	203-1	3903224	3928417	3906181	3912607	0.35	cps
Thallium	205-1	9876098	9993161	9914544	9927935	0.60	cps
Thorium	232-1	15922441	16085766	16011607	16006605	0.51	cps
Tin	118-1	2986815	2995895	2983472	2988727	0.22	cps
Titanium	47-1	2768181	2773708	2745467	2762452	0.54	cps
Uranium	238-1	16036944	16217245	16112884	16122357	0.56	cps
Vanadium	51-2	940244	941249	939777	940423	0.08	cps
Yttrium	89-1	5242060	5260262	5240172	5247498	0.21	cps
Yttrium	89-2	825168	822512	818370	822017	0.42	cps

LB Number :	LB102728	Operator :	Jaswal
Lab Sample ID :	PB119678BS	Instrumnet Name :	P7
Client Sample ID :	PB119678BS	Dilution Factor :	1
Date & Time Acquired ::	2019-05-13 14:14:01	DataFile Name :	022LCSS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zinc	66-2	390934	391793	389929	390885	0.24	cps
Zirconium	90-1	6528843	6562385	6520453	6537227	0.34	cps
Zirconium	91-1	1413813	1414039	1407757	1411870	0.25	cps

LB Number :	LB102728	Operator :	Jaswal
Lab Sample ID :	K2709-02	Instrumnet Name :	P7
Client Sample ID :	BATHROOM-SINK-B	Dilution Factor :	1
Date & Time Acquired ::	2019-05-13 14:17:37	DataFile Name :	023SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	633	617	475	575	15.13	cps
Antimony	121-1	3551	3642	3926	3706	5.28	cps
Arsenic	75-2	307	295	281	295	4.37	cps
Barium	135-1	111932	108915	108429	109759	1.73	cps
Barium	137-1	190186	190817	190598	190534	0.17	cps
Beryllium	9-1	237	177	153	189	22.76	cps
Bismuth	209-1	4180737	4163324	4156443	4166835	0.30	cps
Bismuth	209-2	2783940	2811802	2791046	2795596	0.52	cps
Boron	10-1	314485	321556	323299	319780	1.46	cps
Boron	11-1	1404305	1438224	1442314	1428281	1.46	cps
Cadmium	111-1	1881	1677	1609	1722	8.22	cps
Cadmium	106-1	2467	2284	2142	2298	7.09	cps
Cadmium	108-1	42	13	46	33	54.49	cps
Calcium	43-1	6055276	6180495	6136698	6124156	1.04	cps
Calcium	44-1	97557238	99907244	99210061	98891514	1.22	cps
Chromium	52-2	1423	1363	1317	1368	3.91	cps
Cobalt	59-2	720	583	520	608	16.82	cps
Copper	63-2	40312	40001	40439	40251	0.56	cps
Dysprosium	156-1	17	0	8	8	100.02	cps
Dysprosium	156-2	10	7	10	9	21.63	cps
Erbium	164-1	25	17	25	22	21.64	cps
Erbium	164-2	13	17	13	14	13.35	cps
Gadolinium	160-1	50	50	25	42	34.64	cps
Gadolinium	160-2	80	123	93	99	22.45	cps
Holmium	165-1	6815485	6923133	6846210	6861610	0.81	cps
Holmium	165-2	3801086	3874204	3875947	3850412	1.11	cps
Indium	115-1	4696955	4766259	4729453	4730889	0.73	cps
Indium	115-2	1042965	1056944	1054319	1051409	0.71	cps
Iron	56-2	673790	677625	677190	676202	0.31	cps
Iron	57-2	49941	50677	50905	50508	1.00	cps
Krypton	83-1	277	287	273	279	2.49	cps
Lead	206-1	5290	5073	4895	5086	3.89	cps
Lead	207-1	4440	4390	4267	4366	2.03	cps
Lead	208-1	20874	20451	20368	20564	1.32	cps
Lithium	6-1	2170281	2197778	2177816	2181958	0.65	cps
Magnesium	24-2	4643679	4656328	4659200	4653069	0.18	cps

LB Number :	LB102728	Operator :	Jaswal
Lab Sample ID :	K2709-02	Instrumnet Name :	P7
Client Sample ID :	BATHROOM-SINK-B	Dilution Factor :	1
Date & Time Acquired ::	2019-05-13 14:17:37	DataFile Name :	023SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	20301	20114	20157	20191	0.48	cps
Molybdenum	94-1	30634	31110	30784	30843	0.79	cps
Molybdenum	95-1	52631	53769	51360	52587	2.29	cps
Molybdenum	96-1	55107	56663	55969	55913	1.39	cps
Molybdenum	97-1	32071	33323	32296	32563	2.05	cps
Molybdenum	98-1	85631	84685	83914	84743	1.01	cps
Neodymium	150-1	20	20	13	18	21.66	cps
Neodymium	150-2	7	3	3	4	43.40	cps
Nickel	60-2	1087	1063	1097	1082	1.58	cps
Phosphorus	31-2	2134	2109	1934	2059	5.30	cps
Potassium	39-2	302383	309486	307979	306616	1.22	cps
Rhodium	103-1	4056255	4053858	4032334	4047482	0.33	cps
Rhodium	103-2	2059253	2075513	2075499	2070088	0.45	cps
Scandium	45-1	3414540	3486576	3421822	3440979	1.15	cps
Scandium	45-2	159336	160222	159275	159611	0.33	cps
Selenium	77-2	10	13	10	11	17.30	cps
Selenium	78-2	83	80	74	79	5.90	cps
Selenium	82-1	309	300	258	289	9.45	cps
Silicon	28-1	50803039	51675662	51366648	51281783	0.86	cps
Silver	109-1	558	450	400	469	17.24	cps
Silver	107-1	517	583	517	539	7.14	cps
Sodium	23-2	16148926	16213010	16212713	16191549	0.23	cps
Strontium	86-1	5867383	5956354	5976040	5933259	0.98	cps
Strontium	88-1	51025659	52080774	51609512	51571982	1.02	cps
Sulfur	34-1	7917031	8051132	7990525	7986229	0.84	cps
Terbium	159-1	6924969	7038946	7027021	6996979	0.90	cps
Terbium	159-2	3743005	3787001	3766374	3765460	0.58	cps
Thallium	203-1	825	958	667	817	17.88	cps
Thallium	205-1	2350	2042	2109	2167	7.49	cps
Thorium	232-1	8381	8108	7008	7832	9.28	cps
Tin	118-1	1300	1333	1092	1242	10.55	cps
Titanium	47-1	1625	1458	1542	1542	5.41	cps
Uranium	238-1	135431	135097	133319	134616	0.84	cps
Vanadium	51-2	9050	8889	9493	9144	3.42	cps
Yttrium	89-1	5267066	5350577	5312484	5310042	0.79	cps
Yttrium	89-2	823873	828424	828615	826970	0.32	cps

LB Number :	LB102728	Operator :	Jaswal
Lab Sample ID :	K2709-02	Instrumnet Name :	P7
Client Sample ID :	BATHROOM-SINK-B	Dilution Factor :	1
Date & Time Acquired ::	2019-05-13 14:17:37	DataFile Name :	023SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zinc	66-2	9473	9296	9693	9488	2.10	cps
Zirconium	90-1	1375	1283	1192	1283	7.14	cps
Zirconium	91-1	308	275	267	283	7.78	cps

LB Number :	LB102728	Operator :	Jaswal
Lab Sample ID :	K2824-01	Instrumnet Name :	P7
Client Sample ID :	390503086.9	Dilution Factor :	1
Date & Time Acquired ::	2019-05-13 14:21:14	DataFile Name :	024SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	1325	1342	1358	1342	1.24	cps
Antimony	121-1	1700	1892	1992	1861	7.97	cps
Arsenic	75-2	178	173	170	174	2.43	cps
Barium	135-1	72682	70965	70680	71442	1.52	cps
Barium	137-1	127127	124790	122461	124792	1.87	cps
Beryllium	9-1	203	190	153	182	14.21	cps
Bismuth	209-1	4155747	4118633	4099047	4124476	0.70	cps
Bismuth	209-2	2730040	2769449	2773476	2757655	0.87	cps
Boron	10-1	183323	183027	185591	183980	0.76	cps
Boron	11-1	806097	812797	823451	814115	1.07	cps
Cadmium	111-1	2431	2271	2107	2269	7.14	cps
Cadmium	106-1	2817	2659	2434	2636	7.31	cps
Cadmium	108-1	29	33	38	33	12.50	cps
Calcium	43-1	1831977	1821863	1821889	1825243	0.32	cps
Calcium	44-1	30210257	30305889	30180703	30232283	0.22	cps
Chromium	52-2	8463	8749	8352	8521	2.40	cps
Cobalt	59-2	11768	12445	12205	12140	2.83	cps
Copper	63-2	180348	183639	187163	183717	1.86	cps
Dysprosium	156-1	6927	7136	6452	6838	5.13	cps
Dysprosium	156-2	4047	4341	4261	4216	3.60	cps
Erbium	164-1	8353	8086	7919	8119	2.69	cps
Erbium	164-2	4708	4544	4774	4675	2.53	cps
Gadolinium	160-1	7953	7502	7636	7697	3.01	cps
Gadolinium	160-2	4894	5001	4931	4942	1.10	cps
Holmium	165-1	6829764	6809367	6888572	6842568	0.60	cps
Holmium	165-2	3829515	3868903	3878135	3858851	0.67	cps
Indium	115-1	4669731	4467768	4492020	4543173	2.43	cps
Indium	115-2	1028550	1041975	1043621	1038048	0.80	cps
Iron	56-2	35435515	35707776	35760576	35634623	0.49	cps
Iron	57-2	890271	894633	905612	896839	0.88	cps
Krypton	83-1	307	263	273	281	8.07	cps
Lead	206-1	48428	48110	47546	48028	0.93	cps
Lead	207-1	41538	41370	41019	41309	0.64	cps
Lead	208-1	190930	190125	188153	189736	0.75	cps
Lithium	6-1	2150734	2143236	2126993	2140321	0.57	cps
Magnesium	24-2	5287242	5322594	5371530	5327122	0.79	cps

LB Number :	LB102728	Operator :	Jaswal
Lab Sample ID :	K2824-01	Instrumnet Name :	P7
Client Sample ID :	390503086.9	Dilution Factor :	1
Date & Time Acquired ::	2019-05-13 14:21:14	DataFile Name :	024SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	10619391	10717365	10754949	10697235	0.65	cps
Molybdenum	94-1	1267	1183	1267	1239	3.88	cps
Molybdenum	95-1	2067	2000	1850	1972	5.63	cps
Molybdenum	96-1	2567	2125	2042	2245	12.57	cps
Molybdenum	97-1	1108	1050	1258	1139	9.44	cps
Molybdenum	98-1	2684	2800	2692	2725	2.39	cps
Neodymium	150-1	8103	7842	7969	7971	1.63	cps
Neodymium	150-2	3387	3574	3531	3497	2.79	cps
Nickel	60-2	6475	6605	6415	6498	1.50	cps
Phosphorus	31-2	467	458	575	500	13.02	cps
Potassium	39-2	618602	617532	631879	622671	1.28	cps
Rhodium	103-1	4008099	3953819	3973129	3978349	0.69	cps
Rhodium	103-2	2014756	2031101	2041820	2029226	0.67	cps
Scandium	45-1	3428538	3406960	3385545	3407014	0.63	cps
Scandium	45-2	157652	157807	158622	158027	0.33	cps
Selenium	77-2	23	10	10	14	53.28	cps
Selenium	78-2	50	72	48	57	23.59	cps
Selenium	82-1	86	102	154	114	31.13	cps
Silicon	28-1	40165033	40102862	40109455	40125784	0.09	cps
Silver	109-1	558	567	492	539	7.63	cps
Silver	107-1	667	758	558	661	15.14	cps
Sodium	23-2	80548535	81055429	81457325	81020430	0.56	cps
Strontium	86-1	754857	754153	753341	754117	0.10	cps
Strontium	88-1	6696299	6698546	6689292	6694712	0.07	cps
Sulfur	34-1	1286839	1285926	1284902	1285889	0.08	cps
Terbium	159-1	6984903	6903226	6849583	6912571	0.99	cps
Terbium	159-2	3737672	3781556	3784614	3767947	0.70	cps
Thallium	203-1	825	683	575	694	18.05	cps
Thallium	205-1	1917	1692	1709	1772	7.07	cps
Thorium	232-1	3306	2789	2656	2917	11.77	cps
Tin	118-1	5443	5726	5401	5524	3.20	cps
Titanium	47-1	1150	1333	1042	1175	12.55	cps
Uranium	238-1	19482	19340	19031	19285	1.20	cps
Vanadium	51-2	1490	1500	1643	1545	5.55	cps
Yttrium	89-1	5491764	5410343	5448026	5450044	0.75	cps
Yttrium	89-2	838461	845236	848618	844105	0.61	cps

LB Number :	LB102728	Operator :	Jaswal
Lab Sample ID :	K2824-01	Instrumnet Name :	P7
Client Sample ID :	390503086.9	Dilution Factor :	1
Date & Time Acquired ::	2019-05-13 14:21:14	DataFile Name :	024SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zinc	66-2	20374	20568	20711	20551	0.82	cps
Zirconium	90-1	633	733	742	703	8.58	cps
Zirconium	91-1	142	75	50	89	53.31	cps

LB Number :	LB102728	Operator :	Jaswal
Lab Sample ID :	K2825-01	Instrumnet Name :	P7
Client Sample ID :	390502120.9	Dilution Factor :	1
Date & Time Acquired ::	2019-05-13 14:24:51	DataFile Name :	025SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	808	658	850	772	13.05	cps
Antimony	121-1	3559	3409	3276	3414	4.15	cps
Arsenic	75-2	197	139	158	165	18.17	cps
Barium	135-1	34101	33666	33750	33839	0.68	cps
Barium	137-1	60591	58022	59227	59280	2.17	cps
Beryllium	9-1	690	647	737	691	6.51	cps
Bismuth	209-1	4346317	4350813	4339838	4345656	0.13	cps
Bismuth	209-2	2885231	2903318	2913442	2900664	0.49	cps
Boron	10-1	13999	13748	13098	13615	3.42	cps
Boron	11-1	62396	59627	56180	59401	5.24	cps
Cadmium	111-1	2711	2737	2839	2763	2.45	cps
Cadmium	106-1	2350	2392	2425	2389	1.57	cps
Cadmium	108-1	108	113	83	101	15.56	cps
Calcium	43-1	811145	798481	808671	806099	0.83	cps
Calcium	44-1	13334292	13256890	13272456	13287879	0.31	cps
Chromium	52-2	20655	21119	20805	20859	1.14	cps
Cobalt	59-2	697	687	693	692	0.74	cps
Copper	63-2	520405	523748	526782	523645	0.61	cps
Dysprosium	156-1	783	650	600	678	13.98	cps
Dysprosium	156-2	437	433	417	429	2.50	cps
Erbium	164-1	1108	1117	950	1058	8.87	cps
Erbium	164-2	570	613	563	582	4.66	cps
Gadolinium	160-1	875	808	717	800	9.94	cps
Gadolinium	160-2	603	593	707	634	9.89	cps
Holmium	165-1	6986346	7042286	6994030	7007554	0.43	cps
Holmium	165-2	3867269	3933242	3942260	3914257	1.05	cps
Indium	115-1	4855750	4889776	4899669	4881731	0.47	cps
Indium	115-2	1061467	1078823	1074295	1071528	0.84	cps
Iron	56-2	2292180	2292142	2296546	2293623	0.11	cps
Iron	57-2	62282	62511	62617	62470	0.27	cps
Krypton	83-1	243	267	220	243	9.59	cps
Lead	206-1	852123	844460	827878	841487	1.47	cps
Lead	207-1	735616	736433	732778	734942	0.26	cps
Lead	208-1	3389724	3374466	3345971	3370053	0.66	cps
Lithium	6-1	2242667	2265879	2265792	2258113	0.59	cps
Magnesium	24-2	1506476	1505940	1504146	1505521	0.08	cps

LB Number :	LB102728	Operator :	Jaswal
Lab Sample ID :	K2825-01	Instrumnet Name :	P7
Client Sample ID :	390502120.9	Dilution Factor :	1
Date & Time Acquired ::	2019-05-13 14:24:51	DataFile Name :	025SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	12656	12405	12379	12480	1.22	cps
Molybdenum	94-1	392	533	475	467	15.26	cps
Molybdenum	95-1	575	500	408	494	16.88	cps
Molybdenum	96-1	600	575	642	606	5.56	cps
Molybdenum	97-1	417	300	308	342	19.05	cps
Molybdenum	98-1	858	733	700	764	10.93	cps
Neodymium	150-1	813	780	853	816	4.50	cps
Neodymium	150-2	317	383	327	342	10.51	cps
Nickel	60-2	12415	12219	12506	12380	1.19	cps
Phosphorus	31-2	292	317	233	281	15.24	cps
Potassium	39-2	773282	781866	786239	780462	0.84	cps
Rhodium	103-1	4231296	4222740	4205184	4219740	0.32	cps
Rhodium	103-2	2118281	2139940	2134672	2130964	0.53	cps
Scandium	45-1	3543895	3541945	3522897	3536246	0.33	cps
Scandium	45-2	159630	160980	160683	160431	0.44	cps
Selenium	77-2	3	3	0	2	86.60	cps
Selenium	78-2	41	37	31	36	12.80	cps
Selenium	82-1	90	74	126	97	27.36	cps
Silicon	28-1	43449149	43509521	43538505	43499058	0.10	cps
Silver	109-1	742	758	625	708	10.26	cps
Silver	107-1	858	892	775	842	7.14	cps
Sodium	23-2	22121989	22250073	22187837	22186633	0.29	cps
Strontium	86-1	320475	315369	316015	317286	0.88	cps
Strontium	88-1	2735940	2729172	2704834	2723315	0.60	cps
Sulfur	34-1	554597	553951	554923	554490	0.09	cps
Terbium	159-1	7110425	7141871	7107653	7119983	0.27	cps
Terbium	159-2	3826249	3837685	3848838	3837591	0.29	cps
Thallium	203-1	267	192	292	250	20.82	cps
Thallium	205-1	742	783	783	770	3.13	cps
Thorium	232-1	1706	1672	1633	1671	2.16	cps
Tin	118-1	18045	17553	17845	17815	1.39	cps
Titanium	47-1	1050	900	925	958	8.39	cps
Uranium	238-1	308	283	317	303	5.73	cps
Vanadium	51-2	67	67	47	60	19.24	cps
Yttrium	89-1	5432549	5491491	5451771	5458604	0.55	cps
Yttrium	89-2	832259	841062	837592	836971	0.53	cps

LB Number :	LB102728	Operator :	Jaswal
Lab Sample ID :	K2825-01	Instrumnet Name :	P7
Client Sample ID :	390502120.9	Dilution Factor :	1
Date & Time Acquired ::	2019-05-13 14:24:51	DataFile Name :	025SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zinc	66-2	410144	412787	414132	412354	0.49	cps
Zirconium	90-1	400	483	392	425	11.93	cps
Zirconium	91-1	100	100	125	108	13.32	cps

LB Number :	LB102728	Operator :	Jaswal
Lab Sample ID :	K2826-01	Instrumnet Name :	P7
Client Sample ID :	390430719.2	Dilution Factor :	1
Date & Time Acquired ::	2019-05-13 14:28:27	DataFile Name :	026SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	75955	73992	75188	75045	1.32	cps
Antimony	121-1	275	242	350	289	19.21	cps
Arsenic	75-2	1162	1142	1246	1183	4.67	cps
Barium	135-1	45032	45426	45124	45194	0.46	cps
Barium	137-1	80249	78422	77851	78841	1.59	cps
Beryllium	9-1	270	323	233	276	16.42	cps
Bismuth	209-1	4363663	4360650	4371362	4365225	0.13	cps
Bismuth	209-2	2906499	2946604	2934076	2929060	0.70	cps
Boron	10-1	79123	79786	81034	79981	1.21	cps
Boron	11-1	350782	350101	358883	353255	1.38	cps
Cadmium	111-1	1595	1495	1624	1571	4.31	cps
Cadmium	106-1	2242	2109	2317	2222	4.75	cps
Cadmium	108-1	29	21	21	24	20.39	cps
Calcium	43-1	80711	80569	80569	80617	0.10	cps
Calcium	44-1	1304394	1297745	1306605	1302915	0.35	cps
Chromium	52-2	3557	3821	3541	3639	4.32	cps
Cobalt	59-2	593	477	543	538	10.88	cps
Copper	63-2	2880	3024	2934	2946	2.46	cps
Dysprosium	156-1	817	933	1050	933	12.50	cps
Dysprosium	156-2	383	437	460	427	9.21	cps
Erbium	164-1	692	900	825	806	13.10	cps
Erbium	164-2	417	427	407	417	2.40	cps
Gadolinium	160-1	725	767	942	811	14.17	cps
Gadolinium	160-2	607	527	620	584	8.64	cps
Holmium	165-1	6791210	6927386	6956070	6891555	1.28	cps
Holmium	165-2	3842557	3882002	3884780	3869779	0.61	cps
Indium	115-1	4741297	4814145	4877121	4810854	1.41	cps
Indium	115-2	1050096	1060435	1063916	1058149	0.68	cps
Iron	56-2	355659	347268	347901	350276	1.33	cps
Iron	57-2	8931	9448	8770	9049	3.92	cps
Krypton	83-1	217	270	263	250	11.62	cps
Lead	206-1	1811	1772	1789	1791	1.09	cps
Lead	207-1	1528	1567	1711	1602	6.03	cps
Lead	208-1	7129	7257	6907	7097	2.50	cps
Lithium	6-1	2169300	2188797	2200263	2186120	0.72	cps
Magnesium	24-2	250478	250602	247349	249476	0.74	cps

LB Number :	LB102728	Operator :	Jaswal
Lab Sample ID :	K2826-01	Instrumnet Name :	P7
Client Sample ID :	390430719.2	Dilution Factor :	1
Date & Time Acquired ::	2019-05-13 14:28:27	DataFile Name :	026SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	3744	3394	3714	3617	5.36	cps
Molybdenum	94-1	4108	7612	4061	5260	38.72	cps
Molybdenum	95-1	1183	1217	1075	1158	6.39	cps
Molybdenum	96-1	1768	1767	1500	1678	9.19	cps
Molybdenum	97-1	858	792	600	750	17.88	cps
Molybdenum	98-1	1959	2109	2100	2056	4.10	cps
Neodymium	150-1	1080	1007	1000	1029	4.31	cps
Neodymium	150-2	553	543	533	543	1.84	cps
Nickel	60-2	373	347	293	338	12.06	cps
Phosphorus	31-2	542	575	550	556	3.12	cps
Potassium	39-2	556866	561124	553763	557251	0.66	cps
Rhodium	103-1	4119552	4153194	4176771	4149839	0.69	cps
Rhodium	103-2	2105819	2142980	2127401	2125400	0.88	cps
Scandium	45-1	3385581	3422024	3456593	3421399	1.04	cps
Scandium	45-2	157103	157904	157275	157427	0.27	cps
Selenium	77-2	7	0	3	3	100.05	cps
Selenium	78-2	24	52	28	35	43.63	cps
Selenium	82-1	45	13	2	20	112.13	cps
Silicon	28-1	33245562	33571459	33850015	33555679	0.90	cps
Silver	109-1	67	108	83	86	24.35	cps
Silver	107-1	125	175	133	144	18.54	cps
Sodium	23-2	10003194	9984316	9914761	9967424	0.47	cps
Strontium	86-1	379549	374729	376394	376890	0.65	cps
Strontium	88-1	3216975	3207082	3214875	3212977	0.16	cps
Sulfur	34-1	732126	724343	724307	726926	0.62	cps
Terbium	159-1	6915675	6998443	7092557	7002225	1.26	cps
Terbium	159-2	3777448	3812922	3799962	3796777	0.47	cps
Thallium	203-1	217	217	217	217	0.00	cps
Thallium	205-1	467	608	525	533	13.35	cps
Thorium	232-1	6180	5946	8013	6713	16.86	cps
Tin	118-1	700	783	808	764	7.43	cps
Titanium	47-1	11363	9691	11551	10868	9.42	cps
Uranium	238-1	825	1125	1042	997	15.53	cps
Vanadium	51-2	2004	2084	2047	2045	1.96	cps
Yttrium	89-1	5260052	5290552	5347494	5299366	0.84	cps
Yttrium	89-2	816803	827046	823834	822561	0.64	cps

LB Number :	LB102728	Operator :	Jaswal
Lab Sample ID :	K2826-01	Instrumnet Name :	P7
Client Sample ID :	390430719.2	Dilution Factor :	1
Date & Time Acquired ::	2019-05-13 14:28:27	DataFile Name :	026SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zinc	66-2	3174	3160	3050	3128	2.16	cps
Zirconium	90-1	34793	9352	6278	16808	93.12	cps
Zirconium	91-1	1801	2679	2060	2180	20.69	cps

LB Number :	LB102728	Operator :	Jaswal
Lab Sample ID :	K2827-01	Instrumnet Name :	P7
Client Sample ID :	390430720.2	Dilution Factor :	1
Date & Time Acquired ::	2019-05-13 14:32:05	DataFile Name :	027SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	9771	11057	10427	10419	6.17	cps
Antimony	121-1	250	258	217	242	9.12	cps
Arsenic	75-2	103	111	83	99	14.49	cps
Barium	135-1	18563	19389	18930	18961	2.18	cps
Barium	137-1	33199	32264	33199	32887	1.64	cps
Beryllium	9-1	103	157	130	130	20.51	cps
Bismuth	209-1	4229410	4226888	4163477	4206592	0.89	cps
Bismuth	209-2	2828006	2827384	2847525	2834305	0.40	cps
Boron	10-1	188274	195700	196172	193382	2.29	cps
Boron	11-1	836078	860759	877283	858040	2.42	cps
Cadmium	111-1	1585	1575	1456	1539	4.64	cps
Cadmium	106-1	2259	2242	2075	2192	4.63	cps
Cadmium	108-1	13	4	13	10	49.46	cps
Calcium	43-1	39487	38860	39194	39181	0.80	cps
Calcium	44-1	640766	643669	644169	642868	0.29	cps
Chromium	52-2	1657	1717	1780	1718	3.59	cps
Cobalt	59-2	117	133	80	110	24.81	cps
Copper	63-2	3701	3904	3957	3854	3.52	cps
Dysprosium	156-1	150	133	150	144	6.66	cps
Dysprosium	156-2	100	87	73	87	15.38	cps
Erbium	164-1	100	100	92	97	4.95	cps
Erbium	164-2	60	47	63	57	15.56	cps
Gadolinium	160-1	175	175	83	144	36.64	cps
Gadolinium	160-2	133	147	200	160	22.05	cps
Holmium	165-1	6761630	6872530	6915122	6849760	1.16	cps
Holmium	165-2	3860225	3858023	3877529	3865259	0.28	cps
Indium	115-1	4680440	4750771	4774705	4735305	1.03	cps
Indium	115-2	1047525	1045857	1057366	1050249	0.59	cps
Iron	56-2	130934	130970	130605	130836	0.15	cps
Iron	57-2	3573	3434	3417	3475	2.46	cps
Krypton	83-1	247	203	243	231	10.43	cps
Lead	206-1	889	950	1039	959	7.86	cps
Lead	207-1	945	733	789	822	13.31	cps
Lead	208-1	3706	3617	3600	3641	1.56	cps
Lithium	6-1	2160498	2158217	2170963	2163226	0.31	cps
Magnesium	24-2	92862	94941	95519	94441	1.48	cps

LB Number :	LB102728	Operator :	Jaswal
Lab Sample ID :	K2827-01	Instrumnet Name :	P7
Client Sample ID :	390430720.2	Dilution Factor :	1
Date & Time Acquired ::	2019-05-13 14:32:05	DataFile Name :	027SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	5251	5401	5254	5302	1.62	cps
Molybdenum	94-1	2717	2775	3209	2901	9.27	cps
Molybdenum	95-1	4634	4401	4393	4476	3.07	cps
Molybdenum	96-1	5218	4984	4868	5023	3.55	cps
Molybdenum	97-1	2792	2642	2459	2631	6.35	cps
Molybdenum	98-1	7336	7361	7085	7260	2.10	cps
Neodymium	150-1	140	153	167	153	8.69	cps
Neodymium	150-2	87	137	73	99	33.77	cps
Nickel	60-2	177	193	167	179	7.53	cps
Phosphorus	31-2	525	667	608	600	11.87	cps
Potassium	39-2	711906	718535	718540	716327	0.53	cps
Rhodium	103-1	4098533	4052092	4064432	4071686	0.59	cps
Rhodium	103-2	2071118	2075116	2098864	2081699	0.72	cps
Scandium	45-1	3399416	3372627	3406804	3392949	0.53	cps
Scandium	45-2	157142	157166	155014	156441	0.79	cps
Selenium	77-2	0	0	0	0	0.00	cps
Selenium	78-2	43	41	48	44	8.80	cps
Selenium	82-1	5	57	17	27	102.69	cps
Silicon	28-1	25237470	25430092	25748505	25472022	1.01	cps
Silver	109-1	25	83	50	53	55.46	cps
Silver	107-1	75	92	150	106	37.31	cps
Sodium	23-2	39958431	39953922	40136113	40016155	0.26	cps
Strontium	86-1	151138	152089	150320	151182	0.59	cps
Strontium	88-1	1302951	1307956	1307844	1306250	0.22	cps
Sulfur	34-1	328509	330714	330118	329780	0.35	cps
Terbium	159-1	6919537	6962980	6942129	6941549	0.31	cps
Terbium	159-2	3750036	3758264	3785880	3764727	0.50	cps
Thallium	203-1	92	175	208	158	37.95	cps
Thallium	205-1	317	358	442	372	17.10	cps
Thorium	232-1	1695	1750	1550	1665	6.20	cps
Tin	118-1	725	675	425	608	26.42	cps
Titanium	47-1	2535	1751	3546	2611	34.48	cps
Uranium	238-1	609	433	225	422	45.50	cps
Vanadium	51-2	410	450	340	400	13.92	cps
Yttrium	89-1	5200695	5273254	5286796	5253582	0.88	cps
Yttrium	89-2	814051	817231	822680	817987	0.53	cps

LB Number :	LB102728	Operator :	Jaswal
Lab Sample ID :	K2827-01	Instrumnet Name :	P7
Client Sample ID :	390430720.2	Dilution Factor :	1
Date & Time Acquired ::	2019-05-13 14:32:05	DataFile Name :	027SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zinc	66-2	4934	5171	5231	5112	3.07	cps
Zirconium	90-1	1626	1117	1517	1420	18.89	cps
Zirconium	91-1	292	350	392	344	14.58	cps

LB Number :	LB102728	Operator :	Jaswal
Lab Sample ID :	K2828-01	Instrumnet Name :	P7
Client Sample ID :	390430132.9	Dilution Factor :	1
Date & Time Acquired ::	2019-05-13 14:35:42	DataFile Name :	028SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	567	408	483	486	16.29	cps
Antimony	121-1	900	1008	925	945	6.01	cps
Arsenic	75-2	58	67	114	80	37.64	cps
Barium	135-1	16352	15192	15768	15771	3.68	cps
Barium	137-1	27411	27453	27387	27417	0.12	cps
Beryllium	9-1	407	357	383	382	6.55	cps
Bismuth	209-1	4312093	4310124	4256180	4292799	0.74	cps
Bismuth	209-2	2886113	2920915	2906414	2904481	0.60	cps
Boron	10-1	9703	9020	8636	9120	5.93	cps
Boron	11-1	43530	40388	37539	40486	7.40	cps
Cadmium	111-1	1738	1732	1601	1690	4.57	cps
Cadmium	106-1	2400	2342	2167	2303	5.27	cps
Cadmium	108-1	25	17	17	19	24.73	cps
Calcium	43-1	503054	507713	494664	501810	1.32	cps
Calcium	44-1	8318061	8401675	8310550	8343429	0.61	cps
Chromium	52-2	2124	1980	2050	2051	3.49	cps
Cobalt	59-2	257	267	210	244	12.37	cps
Copper	63-2	301811	306143	304043	303999	0.71	cps
Dysprosium	156-1	258	192	192	214	18.00	cps
Dysprosium	156-2	123	137	113	124	9.41	cps
Erbium	164-1	300	417	442	386	19.58	cps
Erbium	164-2	190	220	240	217	11.62	cps
Gadolinium	160-1	342	342	183	289	31.64	cps
Gadolinium	160-2	257	223	240	240	6.94	cps
Holmium	165-1	6722450	6754111	6761196	6745919	0.31	cps
Holmium	165-2	3787477	3846600	3833704	3822593	0.81	cps
Indium	115-1	4714708	4746139	4703045	4721297	0.47	cps
Indium	115-2	1044677	1057458	1047574	1049903	0.64	cps
Iron	56-2	5149336	5226045	5147956	5174446	0.86	cps
Iron	57-2	130317	132341	132117	131591	0.84	cps
Krypton	83-1	253	217	197	222	12.93	cps
Lead	206-1	50418	50641	50976	50678	0.55	cps
Lead	207-1	44307	44592	44112	44337	0.54	cps
Lead	208-1	205042	204579	202334	203985	0.71	cps
Lithium	6-1	2118152	2108530	2091649	2106110	0.64	cps
Magnesium	24-2	1369062	1390229	1370178	1376489	0.87	cps

LB Number :	LB102728	Operator :	Jaswal
Lab Sample ID :	K2828-01	Instrumnet Name :	P7
Client Sample ID :	390430132.9	Dilution Factor :	1
Date & Time Acquired ::	2019-05-13 14:35:42	DataFile Name :	028SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	16289	16429	16636	16452	1.06	cps
Molybdenum	94-1	225	275	342	281	20.86	cps
Molybdenum	95-1	175	175	150	167	8.66	cps
Molybdenum	96-1	342	192	317	283	28.36	cps
Molybdenum	97-1	125	142	175	147	17.29	cps
Molybdenum	98-1	258	275	300	278	7.55	cps
Neodymium	150-1	173	153	160	162	6.28	cps
Neodymium	150-2	60	60	103	74	33.61	cps
Nickel	60-2	1330	1337	1347	1338	0.63	cps
Phosphorus	31-2	1225	1125	1125	1158	4.98	cps
Potassium	39-2	321235	330689	324788	325571	1.47	cps
Rhodium	103-1	4094510	4079442	4052964	4075639	0.52	cps
Rhodium	103-2	2082355	2109904	2084231	2092163	0.74	cps
Scandium	45-1	3353718	3345955	3302583	3334085	0.83	cps
Scandium	45-2	154000	156355	153273	154542	1.04	cps
Selenium	77-2	10	10	3	8	49.52	cps
Selenium	78-2	57	83	96	79	25.06	cps
Selenium	82-1	242	354	324	307	18.94	cps
Silicon	28-1	62856831	63656012	62712641	63075161	0.81	cps
Silver	109-1	342	275	308	308	10.81	cps
Silver	107-1	342	383	283	336	14.94	cps
Sodium	23-2	4062974	4112224	4059421	4078206	0.72	cps
Strontium	86-1	268356	266878	263899	266377	0.85	cps
Strontium	88-1	2312718	2295996	2274313	2294342	0.84	cps
Sulfur	34-1	457196	456707	452455	455452	0.57	cps
Terbium	159-1	6881027	6883775	6920940	6895247	0.32	cps
Terbium	159-2	3708184	3745168	3725066	3726139	0.50	cps
Thallium	203-1	175	150	142	156	11.15	cps
Thallium	205-1	375	367	417	386	6.94	cps
Thorium	232-1	406	439	372	406	8.22	cps
Tin	118-1	5952	5576	5493	5674	4.31	cps
Titanium	47-1	1475	1225	1383	1361	9.29	cps
Uranium	238-1	300	183	208	231	26.64	cps
Vanadium	51-2	503	523	530	519	2.67	cps
Yttrium	89-1	5203335	5235026	5233392	5223918	0.34	cps
Yttrium	89-2	803393	814931	809623	809316	0.71	cps

LB Number :	LB102728	Operator :	Jaswal
Lab Sample ID :	K2828-01	Instrumnet Name :	P7
Client Sample ID :	390430132.9	Dilution Factor :	1
Date & Time Acquired ::	2019-05-13 14:35:42	DataFile Name :	028SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zinc	66-2	29851	30546	30091	30162	1.17	cps
Zirconium	90-1	450	408	417	425	5.19	cps
Zirconium	91-1	108	83	133	108	23.08	cps

LB Number :	LB102728	Operator :	Jaswal
Lab Sample ID :	K2828-01DUP	Instrumnet Name :	P7
Client Sample ID :	390430132.9DUP	Dilution Factor :	1
Date & Time Acquired ::	2019-05-13 14:39:18	DataFile Name :	029SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	550	517	533	533	3.12	cps
Antimony	121-1	800	1075	900	925	15.05	cps
Arsenic	75-2	56	94	90	80	26.07	cps
Barium	135-1	15643	15384	15384	15470	0.97	cps
Barium	137-1	26868	26034	27202	26701	2.25	cps
Beryllium	9-1	420	313	360	364	14.67	cps
Bismuth	209-1	4267909	4221952	4239286	4243049	0.55	cps
Bismuth	209-2	2862008	2874494	2845174	2860559	0.51	cps
Boron	10-1	5493	5510	5251	5418	2.67	cps
Boron	11-1	23594	23744	22868	23402	2.00	cps
Cadmium	111-1	1583	1578	1444	1535	5.15	cps
Cadmium	106-1	2117	2125	1975	2072	4.07	cps
Cadmium	108-1	4	8	8	7	34.59	cps
Calcium	43-1	498654	497149	490425	495409	0.88	cps
Calcium	44-1	8187351	8274736	8254175	8238754	0.55	cps
Chromium	52-2	2020	1920	1970	1970	2.54	cps
Cobalt	59-2	287	163	263	238	27.55	cps
Copper	63-2	299335	299767	298391	299164	0.24	cps
Dysprosium	156-1	208	208	208	208	0.00	cps
Dysprosium	156-2	143	130	127	133	6.62	cps
Erbium	164-1	417	375	375	389	6.19	cps
Erbium	164-2	223	207	217	216	3.89	cps
Gadolinium	160-1	275	317	283	292	7.56	cps
Gadolinium	160-2	247	290	210	249	16.09	cps
Holmium	165-1	6639588	6719718	6736626	6698644	0.77	cps
Holmium	165-2	3740087	3787421	3765281	3764263	0.63	cps
Indium	115-1	4666399	4693715	4691947	4684020	0.33	cps
Indium	115-2	1032719	1035983	1028596	1032433	0.36	cps
Iron	56-2	5134905	5120872	5049519	5101765	0.90	cps
Iron	57-2	129079	128765	127111	128318	0.82	cps
Krypton	83-1	243	210	183	212	14.16	cps
Lead	206-1	50719	50959	49554	50411	1.49	cps
Lead	207-1	43705	42975	43025	43235	0.94	cps
Lead	208-1	203363	201830	198761	201318	1.16	cps
Lithium	6-1	2061581	2070654	2064397	2065544	0.22	cps
Magnesium	24-2	1351280	1357828	1343934	1351014	0.51	cps

LB Number :	LB102728	Operator :	Jaswal
Lab Sample ID :	K2828-01DUP	Instrumnet Name :	P7
Client Sample ID :	390430132.9DUP	Dilution Factor :	1
Date & Time Acquired ::	2019-05-13 14:39:18	DataFile Name :	029SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	16469	15775	16039	16095	2.18	cps
Molybdenum	94-1	183	208	258	217	17.63	cps
Molybdenum	95-1	200	92	83	125	52.07	cps
Molybdenum	96-1	233	217	200	217	7.69	cps
Molybdenum	97-1	117	117	67	100	28.87	cps
Molybdenum	98-1	242	258	183	228	17.29	cps
Neodymium	150-1	220	160	127	169	28.01	cps
Neodymium	150-2	70	70	83	74	10.34	cps
Nickel	60-2	1493	1433	1513	1480	2.81	cps
Phosphorus	31-2	1092	975	992	1020	6.19	cps
Potassium	39-2	323788	321987	319566	321780	0.66	cps
Rhodium	103-1	4033978	4011462	4005941	4017127	0.37	cps
Rhodium	103-2	2052070	2070373	2055173	2059205	0.48	cps
Scandium	45-1	3288446	3311043	3274585	3291358	0.56	cps
Scandium	45-2	151228	151431	151474	151378	0.09	cps
Selenium	77-2	7	27	13	16	65.47	cps
Selenium	78-2	81	89	69	80	12.95	cps
Selenium	82-1	284	333	294	304	8.55	cps
Silicon	28-1	61556245	62073585	61766483	61798771	0.42	cps
Silver	109-1	267	400	417	361	22.77	cps
Silver	107-1	408	350	275	344	19.41	cps
Sodium	23-2	4032537	4023261	3973128	4009642	0.80	cps
Strontium	86-1	261371	262542	263303	262405	0.37	cps
Strontium	88-1	2267232	2269821	2250187	2262413	0.47	cps
Sulfur	34-1	452079	451473	448169	450574	0.47	cps
Terbium	159-1	6800933	6829853	6818691	6816492	0.21	cps
Terbium	159-2	3664535	3696099	3665770	3675468	0.49	cps
Thallium	203-1	117	117	167	133	21.65	cps
Thallium	205-1	317	308	317	314	1.53	cps
Thorium	232-1	356	439	356	383	12.55	cps
Tin	118-1	5560	5176	5343	5360	3.59	cps
Titanium	47-1	1392	1358	1400	1383	1.59	cps
Uranium	238-1	300	233	150	228	32.99	cps
Vanadium	51-2	540	577	520	546	5.27	cps
Yttrium	89-1	5109715	5157873	5173723	5147104	0.65	cps
Yttrium	89-2	795013	799595	794677	796428	0.34	cps

LB Number :	LB102728	Operator :	Jaswal
Lab Sample ID :	K2828-01DUP	Instrumnet Name :	P7
Client Sample ID :	390430132.9DUP	Dilution Factor :	1
Date & Time Acquired ::	2019-05-13 14:39:18	DataFile Name :	029SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zinc	66-2	29423	29971	29283	29559	1.23	cps
Zirconium	90-1	308	433	425	389	17.97	cps
Zirconium	91-1	75	75	50	67	21.65	cps

LB Number :	LB102728	Operator :	Jaswal
Lab Sample ID :	CCV68	Instrumnet Name :	P7
Client Sample ID :	CCV68	Dilution Factor :	1
Date & Time Acquired ::	2019-05-13 14:42:53	DataFile Name :	030CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	4869795	4931106	4945747	4915549	0.82	cps
Antimony	121-1	3605052	3622470	3602575	3610032	0.30	cps
Arsenic	75-2	119464	120716	121570	120584	0.88	cps
Barium	135-1	4775696	4767896	4744451	4762681	0.34	cps
Barium	137-1	8287807	8301766	8221015	8270196	0.52	cps
Beryllium	9-1	1086825	1077237	1065894	1076652	0.97	cps
Bismuth	209-1	3909004	3871129	3869101	3883078	0.58	cps
Bismuth	209-2	2583898	2620321	2618101	2607440	0.78	cps
Boron	10-1	191525	195457	194558	193846	1.06	cps
Boron	11-1	837462	845454	847082	843333	0.61	cps
Cadmium	111-1	955802	949434	932969	946069	1.25	cps
Cadmium	106-1	114813	112931	111393	113046	1.52	cps
Cadmium	108-1	76978	76510	73967	75818	2.14	cps
Calcium	43-1	6722923	6667518	6628467	6672969	0.71	cps
Calcium	44-1	108735644	107425165	107213269	107791359	0.77	cps
Chromium	52-2	1104410	1115132	1119581	1113041	0.70	cps
Cobalt	59-2	1603684	1611834	1624550	1613356	0.65	cps
Copper	63-2	2298700	2319799	2331098	2316532	0.71	cps
Dysprosium	156-1	158	142	125	142	11.76	cps
Dysprosium	156-2	150	100	117	122	20.83	cps
Erbium	164-1	25	33	58	39	44.62	cps
Erbium	164-2	17	37	23	26	39.85	cps
Gadolinium	160-1	67	67	58	64	7.53	cps
Gadolinium	160-2	117	137	117	123	9.36	cps
Holmium	165-1	6796518	6788130	6744233	6776294	0.41	cps
Holmium	165-2	3779936	3834992	3838697	3817875	0.86	cps
Indium	115-1	4463734	4272633	4274179	4336849	2.53	cps
Indium	115-2	980425	994724	994640	989930	0.83	cps
Iron	56-2	238802550	240137055	241192839	240044148	0.50	cps
Iron	57-2	6049438	6103433	6103829	6085567	0.51	cps
Krypton	83-1	307	320	243	290	14.12	cps
Lead	206-1	3012938	3010476	3019320	3014244	0.15	cps
Lead	207-1	2787479	2781400	2777490	2782123	0.18	cps
Lead	208-1	12831737	12800387	12784265	12805463	0.19	cps
Lithium	6-1	2126582	2106055	2097309	2109982	0.71	cps
Magnesium	24-2	49492359	49747401	49760224	49666662	0.30	cps

LB Number :	LB102728	Operator :	Jaswal
Lab Sample ID :	CCV68	Instrumnet Name :	P7
Client Sample ID :	CCV68	Dilution Factor :	1
Date & Time Acquired ::	2019-05-13 14:42:53	DataFile Name :	030CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	1431437	1448418	1452867	1444241	0.78	cps
Molybdenum	94-1	7552110	7533457	7527815	7537794	0.17	cps
Molybdenum	95-1	9207627	9163654	9090965	9154082	0.64	cps
Molybdenum	96-1	10238085	10192391	10113440	10181305	0.62	cps
Molybdenum	97-1	5750756	5715759	5676026	5714180	0.65	cps
Molybdenum	98-1	14816955	14762380	14670699	14750011	0.50	cps
Neodymium	150-1	553	540	453	516	10.53	cps
Neodymium	150-2	110	110	103	108	3.57	cps
Nickel	60-2	434053	436509	441736	437433	0.90	cps
Phosphorus	31-2	45378	46958	46724	46353	1.84	cps
Potassium	39-2	24807973	24949239	25055096	24937436	0.50	cps
Rhodium	103-1	3738649	3702519	3696177	3712448	0.62	cps
Rhodium	103-2	1877386	1904318	1915908	1899204	1.04	cps
Scandium	45-1	3413539	3378773	3360881	3384398	0.79	cps
Scandium	45-2	155917	159416	160066	158467	1.41	cps
Selenium	77-2	3944	3797	3951	3897	2.22	cps
Selenium	78-2	13076	13125	13306	13169	0.92	cps
Selenium	82-1	77672	77355	76708	77245	0.64	cps
Silicon	28-1	3223055	3255827	3259131	3246004	0.61	cps
Silver	109-1	4025538	4021828	3962043	4003136	0.89	cps
Silver	107-1	4260099	4250191	4200693	4236994	0.75	cps
Sodium	23-2	96920404	97412190	97336523	97223039	0.27	cps
Strontium	86-1	1225040	1214020	1205897	1214986	0.79	cps
Strontium	88-1	10855239	10847422	10791009	10831224	0.32	cps
Sulfur	34-1	743100	735330	723776	734069	1.32	cps
Terbium	159-1	6922745	6861869	6833402	6872672	0.66	cps
Terbium	159-2	3668964	3705646	3735271	3703294	0.90	cps
Thallium	203-1	3738477	3714090	3696252	3716273	0.57	cps
Thallium	205-1	9450176	9486485	9471932	9469531	0.19	cps
Thorium	232-1	16012853	15910473	16091099	16004808	0.57	cps
Tin	118-1	2851663	2891124	2880285	2874357	0.71	cps
Titanium	47-1	2775471	2724241	2710714	2736809	1.25	cps
Uranium	238-1	16067878	16104776	15985943	16052865	0.38	cps
Vanadium	51-2	927982	935301	941277	934854	0.71	cps
Yttrium	89-1	5185254	5182537	5140821	5169537	0.48	cps
Yttrium	89-2	799004	807222	811320	805849	0.78	cps

LB Number :	LB102728	Operator :	Jaswal
Lab Sample ID :	CCV68	Instrumnet Name :	P7
Client Sample ID :	CCV68	Dilution Factor :	1
Date & Time Acquired ::	2019-05-13 14:42:53	DataFile Name :	030CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zinc	66-2	409336	411812	415159	412102	0.71	cps
Zirconium	90-1	6571102	6567513	6549300	6562638	0.18	cps
Zirconium	91-1	1405410	1393559	1398228	1399066	0.43	cps

LB Number : LB102728 Operator : Jaswal
 Lab Sample ID : CCB68 Instrumnet Name : P7
 Client Sample ID : CCB68 Dilution Factor : 1
 Date & Time Acquired :: 2019-05-13 14:46:35 DataFile Name : 031CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	225	200	183	203	10.34	cps
Antimony	121-1	3159	3100	3459	3239	5.94	cps
Arsenic	75-2	70	78	68	72	7.40	cps
Barium	135-1	250	333	133	239	42.05	cps
Barium	137-1	358	333	300	331	8.85	cps
Beryllium	9-1	197	183	160	180	10.31	cps
Bismuth	209-1	4682420	4346277	4778533	4602410	4.93	cps
Bismuth	209-2	3046945	3081940	3053174	3060686	0.61	cps
Boron	10-1	7119	6618	6410	6716	5.42	cps
Boron	11-1	32603	30014	28912	30510	6.21	cps
Cadmium	111-1	2108	1537	1654	1766	17.06	cps
Cadmium	106-1	2817	2042	2217	2359	17.24	cps
Cadmium	108-1	8	13	21	14	45.83	cps
Calcium	43-1	450	350	425	408	12.74	cps
Calcium	44-1	11021	10396	10087	10501	4.53	cps
Chromium	52-2	627	570	543	580	7.34	cps
Cobalt	59-2	77	77	50	68	22.72	cps
Copper	63-2	497	497	547	513	5.62	cps
Dysprosium	156-1	8	0	8	6	86.60	cps
Dysprosium	156-2	0	3	0	1	173.21	cps
Erbium	164-1	17	33	33	28	34.63	cps
Erbium	164-2	10	0	10	7	86.60	cps
Gadolinium	160-1	25	17	25	22	21.64	cps
Gadolinium	160-2	90	90	107	96	10.07	cps
Holmium	165-1	6916714	6870323	7025656	6937564	1.15	cps
Holmium	165-2	3958500	4022725	3993493	3991573	0.81	cps
Indium	115-1	4964149	4963612	5084816	5004192	1.40	cps
Indium	115-2	1132409	1134403	1136583	1134465	0.18	cps
Iron	56-2	14880	14018	13429	14109	5.17	cps
Iron	57-2	322	317	456	365	21.56	cps
Krypton	83-1	273	220	227	240	12.11	cps
Lead	206-1	706	656	594	652	8.54	cps
Lead	207-1	567	550	550	556	1.73	cps
Lead	208-1	2767	2545	2439	2584	6.48	cps
Lithium	6-1	2293150	2265189	2293814	2284051	0.72	cps
Magnesium	24-2	1717	1775	1558	1684	6.66	cps

LB Number :	LB102728	Operator :	Jaswal
Lab Sample ID :	CCB68	Instrumnet Name :	P7
Client Sample ID :	CCB68	Dilution Factor :	1
Date & Time Acquired ::	2019-05-13 14:46:35	DataFile Name :	031CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	83	83	123	97	23.89	cps
Molybdenum	94-1	2084	1709	1475	1756	17.48	cps
Molybdenum	95-1	3184	2367	2475	2675	16.58	cps
Molybdenum	96-1	3551	2992	2367	2970	19.94	cps
Molybdenum	97-1	1834	1600	1417	1617	12.92	cps
Molybdenum	98-1	5176	4301	3484	4320	19.59	cps
Neodymium	150-1	7	0	7	4	86.60	cps
Neodymium	150-2	0	0	3	1	173.21	cps
Nickel	60-2	63	53	43	53	18.75	cps
Phosphorus	31-2	175	175	133	161	14.93	cps
Potassium	39-2	12331	12689	13048	12689	2.83	cps
Rhodium	103-1	4567374	4565087	4646210	4592891	1.01	cps
Rhodium	103-2	2255605	2285025	2270344	2270325	0.65	cps
Scandium	45-1	3595021	3546194	3598017	3579744	0.81	cps
Scandium	45-2	168967	169281	168769	169006	0.15	cps
Selenium	77-2	0	0	0	0	0.00	cps
Selenium	78-2	37	33	31	34	8.34	cps
Selenium	82-1	77	106	89	91	15.82	cps
Silicon	28-1	208305	202935	199588	203609	2.16	cps
Silver	109-1	308	258	342	303	13.85	cps
Silver	107-1	442	450	425	439	2.90	cps
Sodium	23-2	15934	15801	15116	15617	2.81	cps
Strontium	86-1	483	375	400	419	13.52	cps
Strontium	88-1	733	692	600	675	10.11	cps
Sulfur	34-1	267433	267322	271486	268747	0.88	cps
Terbium	159-1	7064378	7064019	7201881	7110093	1.12	cps
Terbium	159-2	3878263	3928382	3889849	3898831	0.67	cps
Thallium	203-1	1108	908	858	958	13.80	cps
Thallium	205-1	2667	2484	2200	2450	9.60	cps
Thorium	232-1	1884	1583	1578	1682	10.40	cps
Tin	118-1	1175	908	1000	1028	13.18	cps
Titanium	47-1	267	258	258	261	1.84	cps
Uranium	238-1	783	525	550	619	23.00	cps
Vanadium	51-2	23	27	33	28	18.33	cps
Yttrium	89-1	5511823	5460417	5580212	5517484	1.09	cps
Yttrium	89-2	868976	876208	872567	872584	0.41	cps

LB Number :	LB102728	Operator :	Jaswal
Lab Sample ID :	CCB68	Instrumnet Name :	P7
Client Sample ID :	CCB68	Dilution Factor :	1
Date & Time Acquired ::	2019-05-13 14:46:35	DataFile Name :	031CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zinc	66-2	560	653	643	619	8.28	cps
Zirconium	90-1	800	858	892	850	5.46	cps
Zirconium	91-1	158	142	117	139	15.10	cps

LB Number :	LB102728	Operator :	Jaswal
Lab Sample ID :	K2828-01LX5	Instrumnet Name :	P7
Client Sample ID :	390430132.9L	Dilution Factor :	5
Date & Time Acquired ::	2019-05-13 14:50:11	DataFile Name :	032SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	208	100	150	153	35.49	cps
Antimony	121-1	1150	1142	1142	1145	0.42	cps
Arsenic	75-2	66	76	56	66	15.20	cps
Barium	135-1	3050	3226	3167	3148	2.83	cps
Barium	137-1	6152	5560	5952	5888	5.11	cps
Beryllium	9-1	170	197	197	188	8.20	cps
Bismuth	209-1	4729279	4731920	4725393	4728864	0.07	cps
Bismuth	209-2	2977607	2984076	3020657	2994114	0.78	cps
Boron	10-1	4117	3601	3734	3817	7.03	cps
Boron	11-1	17886	17461	16201	17183	5.10	cps
Cadmium	111-1	1876	1892	1594	1787	9.37	cps
Cadmium	106-1	2617	2625	2242	2495	8.78	cps
Cadmium	108-1	8	13	13	11	21.67	cps
Calcium	43-1	108093	104845	104962	105967	1.74	cps
Calcium	44-1	1736570	1719698	1717103	1724457	0.61	cps
Chromium	52-2	940	890	933	921	2.95	cps
Cobalt	59-2	67	77	60	68	12.38	cps
Copper	63-2	63380	63474	63477	63443	0.09	cps
Dysprosium	156-1	83	58	33	58	42.86	cps
Dysprosium	156-2	23	50	13	29	65.62	cps
Erbium	164-1	158	50	158	122	51.18	cps
Erbium	164-2	80	67	47	64	26.03	cps
Gadolinium	160-1	83	58	75	72	17.62	cps
Gadolinium	160-2	120	150	137	136	11.09	cps
Holmium	165-1	7037175	7026329	7026336	7029947	0.09	cps
Holmium	165-2	3899517	3913022	3937606	3916715	0.49	cps
Indium	115-1	4996887	5022327	4987845	5002353	0.36	cps
Indium	115-2	1097345	1100828	1099308	1099160	0.16	cps
Iron	56-2	1088030	1093013	1090028	1090357	0.23	cps
Iron	57-2	28016	27866	28228	28036	0.65	cps
Krypton	83-1	253	200	247	233	12.46	cps
Lead	206-1	10844	11361	10315	10840	4.82	cps
Lead	207-1	9170	9170	9120	9153	0.32	cps
Lead	208-1	43557	42616	42072	42748	1.76	cps
Lithium	6-1	2296993	2277294	2251986	2275424	0.99	cps
Magnesium	24-2	290164	295122	293403	292896	0.86	cps

LB Number :	LB102728	Operator :	Jaswal
Lab Sample ID :	K2828-01LX5	Instrumnet Name :	P7
Client Sample ID :	390430132.9L	Dilution Factor :	5
Date & Time Acquired ::	2019-05-13 14:50:11	DataFile Name :	032SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	3217	3504	3494	3405	4.78	cps
Molybdenum	94-1	667	683	508	619	15.59	cps
Molybdenum	95-1	783	808	692	761	8.07	cps
Molybdenum	96-1	1000	775	708	828	18.46	cps
Molybdenum	97-1	458	475	442	458	3.64	cps
Molybdenum	98-1	1250	1075	992	1106	11.93	cps
Neodymium	150-1	27	27	73	42	63.81	cps
Neodymium	150-2	30	30	17	26	30.11	cps
Nickel	60-2	333	350	383	356	7.16	cps
Phosphorus	31-2	358	433	425	406	10.14	cps
Potassium	39-2	76883	78884	77738	77835	1.29	cps
Rhodium	103-1	4595223	4575652	4559227	4576700	0.39	cps
Rhodium	103-2	2190180	2200469	2197596	2196082	0.24	cps
Scandium	45-1	3584720	3566140	3525100	3558654	0.86	cps
Scandium	45-2	161782	163787	162388	162652	0.63	cps
Selenium	77-2	0	3	3	2	86.60	cps
Selenium	78-2	41	56	39	45	20.28	cps
Selenium	82-1	121	137	151	136	11.07	cps
Silicon	28-1	13597061	13562857	13486366	13548761	0.42	cps
Silver	109-1	267	183	233	228	18.41	cps
Silver	107-1	333	292	242	289	15.89	cps
Sodium	23-2	842243	843777	845622	843881	0.20	cps
Strontium	86-1	56387	55516	54437	55447	1.76	cps
Strontium	88-1	487069	480134	470225	479143	1.77	cps
Sulfur	34-1	294395	288967	284416	289259	1.73	cps
Terbium	159-1	7195113	7142405	7120011	7152510	0.54	cps
Terbium	159-2	3815749	3826029	3834643	3825474	0.25	cps
Thallium	203-1	442	367	300	369	19.18	cps
Thallium	205-1	992	783	842	872	12.32	cps
Thorium	232-1	978	845	878	900	7.71	cps
Tin	118-1	1609	1475	1809	1631	10.29	cps
Titanium	47-1	467	375	450	431	11.34	cps
Uranium	238-1	300	292	142	244	36.45	cps
Vanadium	51-2	120	117	117	118	1.63	cps
Yttrium	89-1	5526709	5511283	5494398	5510797	0.29	cps
Yttrium	89-2	841196	847384	845099	844560	0.37	cps

LB Number :	LB102728	Operator :	Jaswal
Lab Sample ID :	K2828-01LX5	Instrumnet Name :	P7
Client Sample ID :	390430132.9L	Dilution Factor :	5
Date & Time Acquired ::	2019-05-13 14:50:11	DataFile Name :	032SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zinc	66-2	7092	7359	6995	7149	2.63	cps
Zirconium	90-1	625	733	492	617	19.63	cps
Zirconium	91-1	125	133	142	133	6.25	cps

LB Number :	LB102728	Operator :	Jaswal
Lab Sample ID :	K2828-01MS	Instrumnet Name :	P7
Client Sample ID :	390430132.9MS	Dilution Factor :	1
Date & Time Acquired ::	2019-05-13 14:53:47	DataFile Name :	033SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	172453	174692	170605	172583	1.19	cps
Antimony	121-1	5735863	5741356	5753210	5743476	0.15	cps
Arsenic	75-2	213021	217806	218458	216428	1.37	cps
Barium	135-1	411575	412914	405627	410039	0.95	cps
Barium	137-1	721729	714121	719001	718284	0.54	cps
Beryllium	9-1	458132	459629	456832	458198	0.31	cps
Bismuth	209-1	4234231	4206507	4188002	4209580	0.55	cps
Bismuth	209-2	2641049	1995977	2751540	2462855	16.57	cps
Boron	10-1	128593	130628	130592	129938	0.90	cps
Boron	11-1	561949	565637	571681	566422	0.87	cps
Cadmium	111-1	411440	407761	406080	408427	0.67	cps
Cadmium	106-1	37960	38503	38487	38317	0.81	cps
Cadmium	108-1	28028	26901	28141	27690	2.48	cps
Calcium	43-1	510671	508359	505873	508301	0.47	cps
Calcium	44-1	8453065	8459965	8453952	8455661	0.04	cps
Chromium	52-2	920644	948868	928778	932763	1.56	cps
Cobalt	59-2	692223	717314	704873	704803	1.78	cps
Copper	63-2	971647	1002321	991360	988443	1.57	cps
Dysprosium	156-1	499254	493979	504932	499388	1.10	cps
Dysprosium	156-2	159631	162865	160568	161021	1.03	cps
Erbium	164-1	475	400	442	439	8.56	cps
Erbium	164-2	220	220	260	233	9.90	cps
Gadolinium	160-1	417	400	358	392	7.67	cps
Gadolinium	160-2	233	240	303	259	14.92	cps
Holmium	165-1	6755469	6779428	6745428	6760108	0.26	cps
Holmium	165-2	3506328	2636417	3623799	3255515	16.57	cps
Indium	115-1	4599517	4611875	4582970	4598121	0.32	cps
Indium	115-2	914841	681715	953277	849945	17.29	cps
Iron	56-2	10961175	11264147	11084001	11103108	1.37	cps
Iron	57-2	272038	285390	275750	277726	2.48	cps
Krypton	83-1	267	227	267	253	9.12	cps
Lead	206-1	7226427	7279055	7250342	7251941	0.36	cps
Lead	207-1	6515305	6552704	6492419	6520143	0.47	cps
Lead	208-1	29554120	29632101	29550993	29579072	0.16	cps
Lithium	6-1	2110171	2098253	2094114	2100846	0.40	cps
Magnesium	24-2	1710979	1761504	1732615	1735033	1.46	cps

LB Number :	LB102728	Operator :	Jaswal
Lab Sample ID :	K2828-01MS	Instrumnet Name :	P7
Client Sample ID :	390430132.9MS	Dilution Factor :	1
Date & Time Acquired ::	2019-05-13 14:53:47	DataFile Name :	033SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	310356	321233	317336	316308	1.74	cps
Molybdenum	94-1	823512	816523	815660	818565	0.53	cps
Molybdenum	95-1	1436842	1431302	1437913	1435352	0.25	cps
Molybdenum	96-1	1530883	1530152	1535224	1532086	0.18	cps
Molybdenum	97-1	903156	893460	903539	900052	0.63	cps
Molybdenum	98-1	2320312	2291947	2298112	2303457	0.65	cps
Neodymium	150-1	267	320	267	284	10.83	cps
Neodymium	150-2	110	83	97	97	13.79	cps
Nickel	60-2	437119	449240	447533	444631	1.48	cps
Phosphorus	31-2	28153	28795	29280	28742	1.97	cps
Potassium	39-2	2194915	2254359	2244790	2231355	1.43	cps
Rhodium	103-1	4012118	4009219	3962451	3994596	0.70	cps
Rhodium	103-2	1879800	1407931	1948335	1745355	16.86	cps
Scandium	45-1	3298822	3297269	3271748	3289280	0.46	cps
Scandium	45-2	139802	103662	144430	129298	17.26	cps
Selenium	77-2	15619	15822	15739	15727	0.65	cps
Selenium	78-2	51820	52556	52920	52432	1.07	cps
Selenium	82-1	311486	311145	311051	311227	0.07	cps
Silicon	28-1	65964114	66060556	65931281	65985317	0.10	cps
Silver	109-1	673927	664026	671162	669705	0.76	cps
Silver	107-1	701291	686907	701571	696590	1.20	cps
Sodium	23-2	5079665	5196742	5127633	5134680	1.15	cps
Strontium	86-1	759788	750818	754911	755172	0.59	cps
Strontium	88-1	6783078	6767096	6788217	6779464	0.16	cps
Sulfur	34-1	414874	411102	414564	413513	0.51	cps
Terbium	159-1	6885605	6899939	6876750	6887431	0.17	cps
Terbium	159-2	3450624	2591356	3574728	3205569	16.71	cps
Thallium	203-1	17489748	17524735	17506276	17506920	0.10	cps
Thallium	205-1	42067073	42186364	42085459	42112966	0.15	cps
Thorium	232-1	2211	2100	2111	2141	2.86	cps
Tin	118-1	4208011	4162173	4161581	4177255	0.64	cps
Titanium	47-1	226759	222385	226496	225213	1.09	cps
Uranium	238-1	325	325	242	297	16.19	cps
Vanadium	51-2	557818	574967	568509	567098	1.53	cps
Yttrium	89-1	5130145	5161058	5125776	5138993	0.37	cps
Yttrium	89-2	734412	552184	762962	683186	16.74	cps

LB Number :	LB102728	Operator :	Jaswal
Lab Sample ID :	K2828-01MS	Instrumnet Name :	P7
Client Sample ID :	390430132.9MS	Dilution Factor :	1
Date & Time Acquired ::	2019-05-13 14:53:47	DataFile Name :	033SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zinc	66-2	106291	108720	108973	107995	1.37	cps
Zirconium	90-1	6252	5901	5676	5943	4.88	cps
Zirconium	91-1	2225	2525	2125	2292	9.08	cps

LB Number :	LB102728	Operator :	Jaswal
Lab Sample ID :	K2828-01MSD	Instrumnet Name :	P7
Client Sample ID :	390430132.9MSD	Dilution Factor :	1
Date & Time Acquired ::	2019-05-13 14:57:23	DataFile Name :	034SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	168513	174811	171033	171452	1.85	cps
Antimony	121-1	5715631	5722622	5752752	5730335	0.34	cps
Arsenic	75-2	214324	216858	215410	215530	0.59	cps
Barium	135-1	404435	399896	403179	402503	0.58	cps
Barium	137-1	705906	707324	710144	707791	0.30	cps
Beryllium	9-1	447968	444193	447967	446709	0.49	cps
Bismuth	209-1	4214648	4240184	4185286	4213373	0.65	cps
Bismuth	209-2	2827760	2885000	2867124	2859961	1.02	cps
Boron	10-1	129846	129913	132687	130816	1.24	cps
Boron	11-1	557058	560021	566719	561266	0.88	cps
Cadmium	111-1	402427	396725	399149	399434	0.72	cps
Cadmium	106-1	37651	37442	37734	37609	0.40	cps
Cadmium	108-1	26784	26295	27130	26737	1.57	cps
Calcium	43-1	502424	497399	499771	499865	0.50	cps
Calcium	44-1	8282384	8238098	8279360	8266614	0.30	cps
Chromium	52-2	918340	923154	919784	920426	0.27	cps
Cobalt	59-2	691124	701620	696105	696283	0.75	cps
Copper	63-2	973634	987669	966926	976076	1.08	cps
Dysprosium	156-1	484135	481467	486456	484019	0.52	cps
Dysprosium	156-2	158317	160433	159719	159490	0.68	cps
Erbium	164-1	375	400	508	428	16.57	cps
Erbium	164-2	227	277	210	238	14.59	cps
Gadolinium	160-1	442	325	333	367	17.75	cps
Gadolinium	160-2	303	300	320	308	3.48	cps
Holmium	165-1	6648306	6762614	6745103	6718674	0.92	cps
Holmium	165-2	3776998	3806513	3800219	3794577	0.41	cps
Indium	115-1	4513922	4563556	4556847	4544775	0.59	cps
Indium	115-2	990843	1011933	1004148	1002308	1.06	cps
Iron	56-2	11039967	10982518	10921146	10981210	0.54	cps
Iron	57-2	273390	275454	273809	274218	0.40	cps
Krypton	83-1	260	293	230	261	12.13	cps
Lead	206-1	7189422	7168835	7197537	7185264	0.21	cps
Lead	207-1	6463352	6450803	6511685	6475280	0.50	cps
Lead	208-1	29375158	29304292	29445440	29374963	0.24	cps
Lithium	6-1	2063972	2064659	2053894	2060842	0.29	cps
Magnesium	24-2	1709104	1724709	1714733	1716182	0.46	cps

LB Number :	LB102728	Operator :	Jaswal
Lab Sample ID :	K2828-01MSD	Instrumnet Name :	P7
Client Sample ID :	390430132.9MSD	Dilution Factor :	1
Date & Time Acquired ::	2019-05-13 14:57:23	DataFile Name :	034SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	311163	316998	313706	313956	0.93	cps
Molybdenum	94-1	817206	813084	810400	813563	0.42	cps
Molybdenum	95-1	1431350	1420330	1430348	1427343	0.43	cps
Molybdenum	96-1	1527270	1525034	1531009	1527771	0.20	cps
Molybdenum	97-1	895602	890201	893242	893015	0.30	cps
Molybdenum	98-1	2296198	2284020	2297209	2292476	0.32	cps
Neodymium	150-1	187	180	213	193	9.12	cps
Neodymium	150-2	73	83	127	94	30.02	cps
Nickel	60-2	435178	442803	438106	438696	0.88	cps
Phosphorus	31-2	28386	28629	28486	28500	0.43	cps
Potassium	39-2	2201194	2230807	2209129	2213710	0.69	cps
Rhodium	103-1	3971442	3965002	3930267	3955570	0.56	cps
Rhodium	103-2	2006831	2030577	2021849	2019753	0.59	cps
Scandium	45-1	3229258	3236135	3199493	3221628	0.60	cps
Scandium	45-2	150444	151848	150929	151074	0.47	cps
Selenium	77-2	15649	15825	15882	15785	0.77	cps
Selenium	78-2	52158	52723	52455	52446	0.54	cps
Selenium	82-1	305573	303298	305078	304649	0.39	cps
Silicon	28-1	64657824	64073637	64712324	64481262	0.55	cps
Silver	109-1	656615	646902	646616	650045	0.88	cps
Silver	107-1	685046	684920	676234	682067	0.74	cps
Sodium	23-2	5084995	5111552	5070279	5088942	0.41	cps
Strontium	86-1	739218	744657	740997	741624	0.37	cps
Strontium	88-1	6641632	6680062	6711850	6677848	0.53	cps
Sulfur	34-1	403777	395234	400846	399952	1.09	cps
Terbium	159-1	6815485	6906144	6829040	6850223	0.71	cps
Terbium	159-2	3695018	3735275	3726876	3719056	0.57	cps
Thallium	203-1	17198903	17313805	17371636	17294781	0.51	cps
Thallium	205-1	41564128	41594152	41965689	41707990	0.54	cps
Thorium	232-1	2056	2711	3184	2650	21.37	cps
Tin	118-1	4216868	4137597	4171491	4175319	0.95	cps
Titanium	47-1	224464	224432	227842	225579	0.87	cps
Uranium	238-1	392	225	267	294	29.46	cps
Vanadium	51-2	558148	565127	563228	562168	0.64	cps
Yttrium	89-1	5060163	5138292	5083986	5094147	0.79	cps
Yttrium	89-2	790002	799699	792823	794175	0.63	cps

LB Number :	LB102728	Operator :	Jaswal
Lab Sample ID :	K2828-01MSD	Instrumnet Name :	P7
Client Sample ID :	390430132.9MSD	Dilution Factor :	1
Date & Time Acquired ::	2019-05-13 14:57:23	DataFile Name :	034SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zinc	66-2	106773	107404	108193	107457	0.66	cps
Zirconium	90-1	4584	4459	4693	4579	2.55	cps
Zirconium	91-1	2050	1842	2017	1970	5.68	cps

LB Number :	LB102728	Operator :	Jaswal
Lab Sample ID :	K2828-01A	Instrumnet Name :	P7
Client Sample ID :	390430132.9A	Dilution Factor :	1
Date & Time Acquired ::	2019-05-13 15:00:59	DataFile Name :	035SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	169157	170351	168288	169265	0.61	cps
Antimony	121-1	5691161	5739902	5762728	5731264	0.64	cps
Arsenic	75-2	213931	214122	215079	214377	0.29	cps
Barium	135-1	400120	406602	405521	404081	0.86	cps
Barium	137-1	712900	714640	714355	713965	0.13	cps
Beryllium	9-1	444701	450485	450651	448612	0.76	cps
Bismuth	209-1	4165376	4196937	4183388	4181900	0.38	cps
Bismuth	209-2	2833875	2851274	2881790	2855646	0.85	cps
Boron	10-1	129861	134259	133535	132552	1.78	cps
Boron	11-1	557209	575397	572771	568459	1.73	cps
Cadmium	111-1	404127	404560	400825	403170	0.51	cps
Cadmium	106-1	36907	38286	37793	37662	1.86	cps
Cadmium	108-1	26671	27761	27139	27190	2.01	cps
Calcium	43-1	503030	503855	503101	503328	0.09	cps
Calcium	44-1	8228580	8367184	8381111	8325625	1.01	cps
Chromium	52-2	915248	922507	925053	920936	0.55	cps
Cobalt	59-2	696766	695765	703314	698615	0.59	cps
Copper	63-2	968957	977006	973493	973152	0.41	cps
Dysprosium	156-1	484776	495155	498243	492725	1.43	cps
Dysprosium	156-2	156839	157365	160174	158126	1.13	cps
Erbium	164-1	492	367	408	422	15.07	cps
Erbium	164-2	263	243	243	250	4.62	cps
Gadolinium	160-1	425	350	358	378	10.88	cps
Gadolinium	160-2	293	290	340	308	9.08	cps
Holmium	165-1	6666552	6765179	6791476	6741069	0.98	cps
Holmium	165-2	3766907	3779073	3840143	3795374	1.03	cps
Indium	115-1	4450292	4561543	4559094	4523643	1.40	cps
Indium	115-2	993442	1000954	1000545	998314	0.42	cps
Iron	56-2	10947727	10935941	10977116	10953595	0.19	cps
Iron	57-2	272347	272439	273809	272865	0.30	cps
Krypton	83-1	247	177	227	217	16.64	cps
Lead	206-1	7174208	7293145	7336337	7267897	1.16	cps
Lead	207-1	6466736	6556536	6586100	6536457	0.95	cps
Lead	208-1	29327063	29773281	29816722	29639022	0.91	cps
Lithium	6-1	2037261	2074659	2062045	2057989	0.92	cps
Magnesium	24-2	1708298	1716261	1712960	1712507	0.23	cps

LB Number :	LB102728	Operator :	Jaswal
Lab Sample ID :	K2828-01A	Instrumnet Name :	P7
Client Sample ID :	390430132.9A	Dilution Factor :	1
Date & Time Acquired ::	2019-05-13 15:00:59	DataFile Name :	035SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	311094	313995	314584	313224	0.60	cps
Molybdenum	94-1	808841	813904	806613	809786	0.46	cps
Molybdenum	95-1	1421941	1434405	1423173	1426506	0.48	cps
Molybdenum	96-1	1522226	1535712	1524709	1527549	0.47	cps
Molybdenum	97-1	885086	893010	889926	889341	0.45	cps
Molybdenum	98-1	2292687	2296372	2289765	2292942	0.14	cps
Neodymium	150-1	233	207	367	269	31.88	cps
Neodymium	150-2	80	103	77	87	16.77	cps
Nickel	60-2	439194	437895	439778	438956	0.22	cps
Phosphorus	31-2	28511	28737	27977	28408	1.37	cps
Potassium	39-2	2187447	2204242	2199808	2197166	0.40	cps
Rhodium	103-1	3922415	3943940	3936506	3934287	0.28	cps
Rhodium	103-2	2013551	2028958	2026346	2022952	0.41	cps
Scandium	45-1	3183234	3229033	3232671	3214979	0.86	cps
Scandium	45-2	148674	150996	150764	150145	0.85	cps
Selenium	77-2	15442	15659	16056	15719	1.98	cps
Selenium	78-2	52082	52427	52364	52291	0.35	cps
Selenium	82-1	307461	308313	309050	308275	0.26	cps
Silicon	28-1	63954364	65084224	65312724	64783771	1.12	cps
Silver	109-1	652959	655532	653571	654021	0.21	cps
Silver	107-1	687199	695992	690084	691092	0.65	cps
Sodium	23-2	5086911	5038910	5067234	5064352	0.48	cps
Strontium	86-1	741194	754800	750283	748759	0.93	cps
Strontium	88-1	6578722	6728454	6729673	6678950	1.30	cps
Sulfur	34-1	403011	401867	399496	401458	0.45	cps
Terbium	159-1	6752950	6879823	6915716	6849496	1.25	cps
Terbium	159-2	3677957	3718710	3745983	3714217	0.92	cps
Thallium	203-1	17276631	17584310	17653788	17504910	1.15	cps
Thallium	205-1	41682786	42515721	42665784	42288097	1.25	cps
Thorium	232-1	2623	2300	2272	2398	8.11	cps
Tin	118-1	4178822	4184499	4143173	4168831	0.54	cps
Titanium	47-1	220450	222952	224229	222544	0.86	cps
Uranium	238-1	250	283	208	247	15.20	cps
Vanadium	51-2	560944	560992	563354	561764	0.25	cps
Yttrium	89-1	5011768	5077873	5088759	5059466	0.82	cps
Yttrium	89-2	788075	794824	793283	792061	0.45	cps

LB Number :	LB102728	Operator :	Jaswal
Lab Sample ID :	K2828-01A	Instrumnet Name :	P7
Client Sample ID :	390430132.9A	Dilution Factor :	1
Date & Time Acquired ::	2019-05-13 15:00:59	DataFile Name :	035SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zinc	66-2	106189	107159	108684	107344	1.17	cps
Zirconium	90-1	3917	4218	3851	3995	4.89	cps
Zirconium	91-1	1775	1992	1900	1889	5.76	cps

LB Number :	LB102728	Operator :	Jaswal
Lab Sample ID :	CCV69	Instrumnet Name :	P7
Client Sample ID :	CCV69	Dilution Factor :	1
Date & Time Acquired ::	2019-05-13 15:04:36	DataFile Name :	036CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	4885188	4920436	4887251	4897625	0.40	cps
Antimony	121-1	3196134	3179120	3163215	3179490	0.52	cps
Arsenic	75-2	117552	118007	117982	117847	0.22	cps
Barium	135-1	4680032	4674617	4710626	4688425	0.41	cps
Barium	137-1	8186708	8128318	8223222	8179416	0.59	cps
Beryllium	9-1	1059279	1064149	1057457	1060295	0.33	cps
Bismuth	209-1	3861229	3826861	3837864	3841985	0.46	cps
Bismuth	209-2	2560073	2573786	2585007	2572955	0.49	cps
Boron	10-1	193304	194915	195970	194730	0.69	cps
Boron	11-1	831735	843102	850517	841785	1.12	cps
Cadmium	111-1	1021289	1019812	1018359	1019820	0.14	cps
Cadmium	106-1	119356	117417	117762	118178	0.88	cps
Cadmium	108-1	79890	79375	79639	79635	0.32	cps
Calcium	43-1	6490774	6455677	6497868	6481440	0.35	cps
Calcium	44-1	105159782	104983177	105505602	105216187	0.25	cps
Chromium	52-2	1098223	1101908	1110068	1103400	0.55	cps
Cobalt	59-2	1577722	1594568	1606784	1593024	0.92	cps
Copper	63-2	2233554	2254769	2259112	2249145	0.61	cps
Dysprosium	156-1	242	242	283	256	9.41	cps
Dysprosium	156-2	137	140	113	130	11.17	cps
Erbium	164-1	42	50	67	53	24.12	cps
Erbium	164-2	37	37	33	36	5.42	cps
Gadolinium	160-1	92	58	83	78	22.30	cps
Gadolinium	160-2	93	110	107	103	8.53	cps
Holmium	165-1	6731121	6704171	6714603	6716632	0.20	cps
Holmium	165-2	3744051	3772386	3802305	3772914	0.77	cps
Indium	115-1	4237962	4189677	4185560	4204400	0.69	cps
Indium	115-2	975569	977808	989363	980914	0.75	cps
Iron	56-2	237282222	239665972	240959950	239302715	0.78	cps
Iron	57-2	6037442	6037245	6077242	6050643	0.38	cps
Krypton	83-1	250	243	250	248	1.55	cps
Lead	206-1	3000247	2989996	3006179	2998807	0.27	cps
Lead	207-1	2766049	2765932	2758048	2763343	0.17	cps
Lead	208-1	12750418	12720438	12770278	12747044	0.20	cps
Lithium	6-1	2094204	2088874	2077555	2086878	0.41	cps
Magnesium	24-2	49757326	50080029	50065023	49967459	0.36	cps

LB Number :	LB102728	Operator :	Jaswal
Lab Sample ID :	CCV69	Instrumnet Name :	P7
Client Sample ID :	CCV69	Dilution Factor :	1
Date & Time Acquired ::	2019-05-13 15:04:36	DataFile Name :	036CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	1417063	1434281	1441099	1430814	0.87	cps
Molybdenum	94-1	7429615	7412908	7396163	7412895	0.23	cps
Molybdenum	95-1	8968883	8963223	8963525	8965211	0.04	cps
Molybdenum	96-1	9979315	9932083	9978031	9963143	0.27	cps
Molybdenum	97-1	5607568	5591056	5601755	5600126	0.15	cps
Molybdenum	98-1	14444293	14472403	14516051	14477583	0.25	cps
Neodymium	150-1	560	413	573	516	17.22	cps
Neodymium	150-2	90	70	117	92	25.39	cps
Nickel	60-2	425637	432264	431005	429635	0.82	cps
Phosphorus	31-2	45554	45194	45687	45478	0.56	cps
Potassium	39-2	24763941	24855513	24955665	24858373	0.39	cps
Rhodium	103-1	3616506	3608450	3618643	3614533	0.15	cps
Rhodium	103-2	1860719	1869083	1897383	1875728	1.02	cps
Scandium	45-1	3295838	3273892	3280395	3283375	0.34	cps
Scandium	45-2	155032	157469	158049	156850	1.02	cps
Selenium	77-2	3857	4074	4011	3981	2.80	cps
Selenium	78-2	13034	13239	13451	13241	1.57	cps
Selenium	82-1	75796	74570	75086	75151	0.82	cps
Silicon	28-1	3179552	3223305	3238811	3213889	0.96	cps
Silver	109-1	4135874	4095513	4107411	4112932	0.50	cps
Silver	107-1	4345015	4319127	4293987	4319376	0.59	cps
Sodium	23-2	96901713	97873579	97159600	97311631	0.52	cps
Strontium	86-1	1193270	1176055	1180376	1183234	0.76	cps
Strontium	88-1	10671059	10594747	10603930	10623245	0.39	cps
Sulfur	34-1	707254	699391	707087	704577	0.64	cps
Terbium	159-1	6815817	6773960	6797233	6795670	0.31	cps
Terbium	159-2	3659325	3667775	3710490	3679197	0.75	cps
Thallium	203-1	3740885	3663683	3678601	3694389	1.11	cps
Thallium	205-1	9518887	9528581	9547160	9531543	0.15	cps
Thorium	232-1	15972639	16025015	16026260	16007971	0.19	cps
Tin	118-1	2849250	2830888	2824251	2834796	0.46	cps
Titanium	47-1	2672418	2659585	2643991	2658665	0.54	cps
Uranium	238-1	16074945	15980810	15970367	16008707	0.36	cps
Vanadium	51-2	923683	928022	929075	926927	0.31	cps
Yttrium	89-1	5051232	5054874	5056907	5054338	0.06	cps
Yttrium	89-2	791981	794309	807989	798093	1.08	cps

LB Number :	LB102728	Operator :	Jaswal
Lab Sample ID :	CCV69	Instrumnet Name :	P7
Client Sample ID :	CCV69	Dilution Factor :	1
Date & Time Acquired ::	2019-05-13 15:04:36	DataFile Name :	036CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zinc	66-2	397704	400495	400404	399535	0.40	cps
Zirconium	90-1	6409840	6424396	6422060	6418765	0.12	cps
Zirconium	91-1	1372132	1372561	1361109	1368601	0.47	cps

LB Number :	LB102728	Operator :	Jaswal
Lab Sample ID :	CCB69	Instrumnet Name :	P7
Client Sample ID :	CCB69	Dilution Factor :	1
Date & Time Acquired ::	2019-05-13 15:08:18	DataFile Name :	037CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	342	208	158	236	40.14	cps
Antimony	121-1	3084	3567	3884	3512	11.48	cps
Arsenic	75-2	54	85	109	83	33.47	cps
Barium	135-1	392	308	292	331	16.21	cps
Barium	137-1	808	650	508	656	22.89	cps
Beryllium	9-1	337	237	290	288	17.39	cps
Bismuth	209-1	4681674	4717995	4725031	4708233	0.49	cps
Bismuth	209-2	3003305	3027055	3036236	3022199	0.56	cps
Boron	10-1	8811	8078	7611	8166	7.41	cps
Boron	11-1	38325	35986	33062	35791	7.37	cps
Cadmium	111-1	1738	1763	2213	1905	14.05	cps
Cadmium	106-1	2225	2267	2925	2473	15.88	cps
Cadmium	108-1	17	17	38	24	50.93	cps
Calcium	43-1	800	758	667	742	9.20	cps
Calcium	44-1	15133	13790	12681	13868	8.85	cps
Chromium	52-2	553	603	577	578	4.33	cps
Cobalt	59-2	130	93	103	109	17.41	cps
Copper	63-2	513	557	503	524	5.41	cps
Dysprosium	156-1	17	25	17	19	24.73	cps
Dysprosium	156-2	0	7	3	3	100.05	cps
Erbium	164-1	17	42	25	28	45.82	cps
Erbium	164-2	13	7	17	12	41.65	cps
Gadolinium	160-1	8	42	25	25	66.68	cps
Gadolinium	160-2	113	63	67	81	34.47	cps
Holmium	165-1	6960675	6983938	7081022	7008545	0.91	cps
Holmium	165-2	3936223	3957769	3939213	3944402	0.30	cps
Indium	115-1	4977787	4992304	5025153	4998415	0.49	cps
Indium	115-2	1119084	1125761	1126837	1123894	0.37	cps
Iron	56-2	14452	13518	13251	13740	4.59	cps
Iron	57-2	367	378	333	359	6.44	cps
Krypton	83-1	257	223	213	231	9.82	cps
Lead	206-1	1156	983	856	998	15.08	cps
Lead	207-1	950	928	783	887	10.20	cps
Lead	208-1	4484	4150	3578	4071	11.25	cps
Lithium	6-1	2293448	2292836	2311048	2299111	0.45	cps
Magnesium	24-2	2384	2275	1825	2161	13.70	cps

LB Number :	LB102728	Operator :	Jaswal
Lab Sample ID :	CCB69	Instrumnet Name :	P7
Client Sample ID :	CCB69	Dilution Factor :	1
Date & Time Acquired ::	2019-05-13 15:08:18	DataFile Name :	037CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	120	123	87	110	18.43	cps
Molybdenum	94-1	2325	2134	1750	2070	14.15	cps
Molybdenum	95-1	3459	2775	2700	2978	14.03	cps
Molybdenum	96-1	3709	3109	3067	3295	10.90	cps
Molybdenum	97-1	2200	1984	1742	1975	11.61	cps
Molybdenum	98-1	5585	4359	4142	4695	16.56	cps
Neodymium	150-1	0	7	7	4	86.60	cps
Neodymium	150-2	0	3	0	1	173.21	cps
Nickel	60-2	63	70	70	68	5.68	cps
Phosphorus	31-2	117	142	133	131	9.75	cps
Potassium	39-2	12965	13165	13090	13073	0.77	cps
Rhodium	103-1	4547307	4591722	4615822	4584950	0.76	cps
Rhodium	103-2	2241651	2261760	2261529	2254980	0.51	cps
Scandium	45-1	3522529	3556659	3575928	3551705	0.76	cps
Scandium	45-2	169321	168364	168688	168791	0.29	cps
Selenium	77-2	0	0	3	1	173.21	cps
Selenium	78-2	50	43	56	49	13.18	cps
Selenium	82-1	80	73	134	96	34.58	cps
Silicon	28-1	187257	182634	179234	183042	2.20	cps
Silver	109-1	683	667	467	606	19.91	cps
Silver	107-1	917	683	575	725	24.08	cps
Sodium	23-2	17778	16818	15826	16807	5.81	cps
Strontium	86-1	683	475	517	558	19.75	cps
Strontium	88-1	1125	1017	692	945	23.88	cps
Sulfur	34-1	259988	258626	260923	259846	0.44	cps
Terbium	159-1	7089356	7177702	7220807	7162622	0.94	cps
Terbium	159-2	3823272	3871467	3874846	3856528	0.75	cps
Thallium	203-1	2567	2125	1967	2220	14.01	cps
Thallium	205-1	5460	4951	4626	5012	8.38	cps
Thorium	232-1	3239	2673	2717	2876	10.96	cps
Tin	118-1	1400	1550	1442	1464	5.29	cps
Titanium	47-1	350	258	300	303	15.16	cps
Uranium	238-1	1567	1017	908	1164	30.33	cps
Vanadium	51-2	30	43	43	39	19.79	cps
Yttrium	89-1	5481842	5525679	5553493	5520338	0.65	cps
Yttrium	89-2	866030	872339	868989	869119	0.36	cps

LB Number :	LB102728	Operator :	Jaswal
Lab Sample ID :	CCB69	Instrumnet Name :	P7
Client Sample ID :	CCB69	Dilution Factor :	1
Date & Time Acquired ::	2019-05-13 15:08:18	DataFile Name :	037CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zinc	66-2	653	683	650	662	2.77	cps
Zirconium	90-1	1100	967	908	992	9.91	cps
Zirconium	91-1	275	167	175	206	29.33	cps

LB Number :	LB102728	Operator :	Jaswal
Lab Sample ID :	PB119538BL	Instrumnet Name :	P7
Client Sample ID :	PB119538BL	Dilution Factor :	1
Date & Time Acquired ::	2019-05-13 15:47:35	DataFile Name :	038CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	50	42	17	36	48.03	cps
Antimony	121-1	733	550	508	597	20.04	cps
Arsenic	75-2	77	52	59	63	21.12	cps
Barium	135-1	50	8	17	25	88.19	cps
Barium	137-1	42	42	42	42	0.00	cps
Beryllium	9-1	113	63	87	88	28.51	cps
Bismuth	209-1	4545545	4640090	4253969	4479868	4.49	cps
Bismuth	209-2	3037003	3037257	3069502	3047921	0.61	cps
Boron	10-1	983	1000	850	945	8.71	cps
Boron	11-1	3934	3942	3884	3920	0.81	cps
Cadmium	111-1	1530	1771	1473	1591	9.96	cps
Cadmium	106-1	2184	2517	2117	2273	9.43	cps
Cadmium	108-1	4	4	13	7	69.23	cps
Calcium	43-1	100	142	100	114	21.12	cps
Calcium	44-1	5476	6085	6252	5938	6.87	cps
Chromium	52-2	653	670	627	650	3.36	cps
Cobalt	59-2	17	20	27	21	24.12	cps
Copper	63-2	347	317	297	320	7.87	cps
Dysprosium	156-1	8	17	0	8	100.02	cps
Dysprosium	156-2	0	0	3	1	173.21	cps
Erbium	164-1	25	17	0	14	91.65	cps
Erbium	164-2	10	7	17	11	45.82	cps
Gadolinium	160-1	42	33	25	33	25.01	cps
Gadolinium	160-2	113	137	117	122	10.32	cps
Holmium	165-1	6799825	6980750	6799539	6860038	1.52	cps
Holmium	165-2	3960526	4002300	4004174	3989000	0.62	cps
Indium	115-1	4958982	5048614	4935224	4980940	1.20	cps
Indium	115-2	1133894	1156041	1148087	1146007	0.98	cps
Iron	56-2	3412	3745	3534	3563	4.73	cps
Iron	57-2	111	89	161	120	30.73	cps
Krypton	83-1	260	263	310	278	10.06	cps
Lead	206-1	344	394	372	370	6.76	cps
Lead	207-1	256	350	228	278	23.07	cps
Lead	208-1	1378	1650	1333	1454	11.79	cps
Lithium	6-1	2370936	2408356	2339547	2372947	1.45	cps
Magnesium	24-2	267	308	158	244	31.68	cps

LB Number :	LB102728	Operator :	Jaswal
Lab Sample ID :	PB119538BL	Instrumnet Name :	P7
Client Sample ID :	PB119538BL	Dilution Factor :	1
Date & Time Acquired ::	2019-05-13 15:47:35	DataFile Name :	038CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	37	20	27	28	30.20	cps
Molybdenum	94-1	267	192	108	189	41.93	cps
Molybdenum	95-1	225	83	133	147	48.80	cps
Molybdenum	96-1	200	217	183	200	8.33	cps
Molybdenum	97-1	175	50	58	94	74.00	cps
Molybdenum	98-1	283	325	217	275	19.87	cps
Neodymium	150-1	7	7	7	7	0.00	cps
Neodymium	150-2	0	0	0	0	0.00	cps
Nickel	60-2	27	57	47	43	35.25	cps
Phosphorus	31-2	192	158	133	161	18.17	cps
Potassium	39-2	11597	12564	11939	12033	4.08	cps
Rhodium	103-1	4609193	4693443	4575365	4626000	1.31	cps
Rhodium	103-2	2295540	2309289	2321658	2308829	0.57	cps
Scandium	45-1	3647228	3677835	3596565	3640543	1.13	cps
Scandium	45-2	171321	172852	175121	173098	1.10	cps
Selenium	77-2	0	0	0	0	0.00	cps
Selenium	78-2	56	50	33	46	24.99	cps
Selenium	82-1	55	54	-5	35	99.31	cps
Silicon	28-1	132565	132792	130977	132112	0.75	cps
Silver	109-1	75	50	83	69	24.98	cps
Silver	107-1	92	108	92	97	9.90	cps
Sodium	23-2	4001	3676	3992	3890	4.77	cps
Strontium	86-1	475	342	367	394	17.97	cps
Strontium	88-1	175	142	125	147	17.29	cps
Sulfur	34-1	292001	291150	293657	292269	0.44	cps
Terbium	159-1	6938982	7129258	6939616	7002619	1.57	cps
Terbium	159-2	3893839	3921590	3932972	3916134	0.51	cps
Thallium	203-1	208	225	233	222	5.73	cps
Thallium	205-1	575	458	358	464	23.38	cps
Thorium	232-1	361	383	361	369	3.48	cps
Tin	118-1	375	492	300	389	24.84	cps
Titanium	47-1	108	92	50	83	36.06	cps
Uranium	238-1	50	42	75	56	31.23	cps
Vanadium	51-2	7	3	7	6	34.70	cps
Yttrium	89-1	5486961	5610401	5471981	5523114	1.38	cps
Yttrium	89-2	881346	892027	891157	888177	0.67	cps

LB Number :	LB102728	Operator :	Jaswal
Lab Sample ID :	PB119538BL	Instrumnet Name :	P7
Client Sample ID :	PB119538BL	Dilution Factor :	1
Date & Time Acquired ::	2019-05-13 15:47:35	DataFile Name :	038CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zinc	66-2	393	410	377	393	4.24	cps
Zirconium	90-1	292	375	408	358	16.77	cps
Zirconium	91-1	75	100	83	86	14.78	cps

LB Number :	LB102728	Operator :	Jaswal
Lab Sample ID :	PB119538BS	Instrumnet Name :	P7
Client Sample ID :	PB119538BS	Dilution Factor :	1
Date & Time Acquired ::	2019-05-13 15:51:12	DataFile Name :	039LCS6.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	832369	837672	848975	839672	1.01	cps
Antimony	121-1	3348272	3320903	3305101	3324759	0.66	cps
Arsenic	75-2	124032	123941	123721	123898	0.13	cps
Barium	135-1	4722617	4690062	4669385	4694021	0.57	cps
Barium	137-1	8220137	8225926	8169974	8205345	0.37	cps
Beryllium	9-1	1118588	1117683	1100568	1112280	0.91	cps
Bismuth	209-1	4189521	4167105	4157111	4171246	0.40	cps
Bismuth	209-2	2764173	2786019	2802057	2784083	0.68	cps
Boron	10-1	189910	194830	194634	193125	1.44	cps
Boron	11-1	824863	835009	838652	832841	0.86	cps
Cadmium	111-1	978569	958953	959707	965743	1.15	cps
Cadmium	106-1	113846	112133	112620	112866	0.78	cps
Cadmium	108-1	77469	76740	76241	76817	0.80	cps
Calcium	43-1	1273446	1264263	1254614	1264108	0.74	cps
Calcium	44-1	20865944	20750290	20517823	20711352	0.86	cps
Chromium	52-2	1081600	1093401	1091400	1088801	0.58	cps
Cobalt	59-2	1609846	1620508	1611733	1614029	0.35	cps
Copper	63-2	2084527	2087081	2102014	2091208	0.45	cps
Dysprosium	156-1	108	42	75	75	44.44	cps
Dysprosium	156-2	87	100	107	98	10.41	cps
Erbium	164-1	42	33	17	31	41.66	cps
Erbium	164-2	23	3	10	12	83.33	cps
Gadolinium	160-1	42	83	133	86	53.30	cps
Gadolinium	160-2	93	93	107	98	7.87	cps
Holmium	165-1	6747112	6685660	6648682	6693818	0.74	cps
Holmium	165-2	3782133	3828888	3821493	3810838	0.66	cps
Indium	115-1	4377055	4335596	4305257	4339303	0.83	cps
Indium	115-2	993567	1005408	1010505	1003160	0.87	cps
Iron	56-2	46693616	46719079	46746657	46719784	0.06	cps
Iron	57-2	1157255	1162161	1168654	1162690	0.49	cps
Krypton	83-1	217	220	253	230	8.82	cps
Lead	206-1	3154847	3139764	3136346	3143652	0.31	cps
Lead	207-1	2917327	2909468	2891940	2906245	0.45	cps
Lead	208-1	13352233	13381072	13309007	13347437	0.27	cps
Lithium	6-1	2150105	2128787	2107924	2128938	0.99	cps
Magnesium	24-2	9808578	9871455	9851894	9843976	0.33	cps

LB Number :	LB102728	Operator :	Jaswal
Lab Sample ID :	PB119538BS	Instrumnet Name :	P7
Client Sample ID :	PB119538BS	Dilution Factor :	1
Date & Time Acquired ::	2019-05-13 15:51:12	DataFile Name :	039LCS6.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	1419380	1420546	1430798	1423575	0.44	cps
Molybdenum	94-1	7360023	7364873	7276846	7333914	0.67	cps
Molybdenum	95-1	8935975	8923427	8859169	8906191	0.46	cps
Molybdenum	96-1	9905879	9884874	9795149	9861968	0.60	cps
Molybdenum	97-1	5622475	5578462	5523204	5574714	0.89	cps
Molybdenum	98-1	14549901	14391608	14316832	14419447	0.83	cps
Neodymium	150-1	413	440	427	427	3.12	cps
Neodymium	150-2	63	40	50	51	22.90	cps
Nickel	60-2	403037	407455	406639	405710	0.58	cps
Phosphorus	31-2	45027	46741	45570	45779	1.91	cps
Potassium	39-2	4601748	4628878	4639645	4623424	0.42	cps
Rhodium	103-1	3889794	3842730	3805205	3845910	1.10	cps
Rhodium	103-2	1965330	1981662	1984228	1977073	0.52	cps
Scandium	45-1	3271235	3219349	3180221	3223602	1.42	cps
Scandium	45-2	149592	151838	150858	150763	0.75	cps
Selenium	77-2	3731	3707	3867	3768	2.29	cps
Selenium	78-2	12878	13013	13100	12997	0.86	cps
Selenium	82-1	76587	76388	76093	76356	0.33	cps
Silicon	28-1	3117651	3137301	3134409	3129787	0.34	cps
Silver	109-1	4052746	3991817	3992849	4012471	0.87	cps
Silver	107-1	4256741	4214386	4209737	4226955	0.61	cps
Sodium	23-2	18709995	18843365	18831544	18794968	0.39	cps
Strontium	86-1	1197862	1190276	1183841	1190660	0.59	cps
Strontium	88-1	10625452	10520856	10587173	10577827	0.50	cps
Sulfur	34-1	731504	720598	709612	720571	1.52	cps
Terbium	159-1	6827898	6826132	6795293	6816441	0.27	cps
Terbium	159-2	3692396	3699633	3738162	3710063	0.66	cps
Thallium	203-1	3865883	3824990	3814302	3835059	0.71	cps
Thallium	205-1	9855114	9891557	9815515	9854062	0.39	cps
Thorium	232-1	15903863	15995791	15923328	15940994	0.30	cps
Tin	118-1	2936711	2924844	2904187	2921914	0.56	cps
Titanium	47-1	2662454	2633189	2611301	2635648	0.97	cps
Uranium	238-1	15855725	15979925	15895555	15910402	0.40	cps
Vanadium	51-2	890838	901059	900939	897612	0.65	cps
Yttrium	89-1	5042760	5046173	5000584	5029839	0.50	cps
Yttrium	89-2	780466	786569	789430	785488	0.58	cps

LB Number :	LB102728	Operator :	Jaswal
Lab Sample ID :	PB119538BS	Instrumnet Name :	P7
Client Sample ID :	PB119538BS	Dilution Factor :	1
Date & Time Acquired ::	2019-05-13 15:51:12	DataFile Name :	039LCS6.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zinc	66-2	372809	375331	376530	374890	0.51	cps
Zirconium	90-1	6375185	6385816	6297635	6352878	0.76	cps
Zirconium	91-1	1370909	1354651	1347869	1357809	0.87	cps

LB Number :	LB102728	Operator :	Jaswal
Lab Sample ID :	K2721-01	Instrumnet Name :	P7
Client Sample ID :	SS003RW114R-190506	Dilution Factor :	1
Date & Time Acquired ::	2019-05-13 15:54:49	DataFile Name :	040SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	125	267	192	194	36.45	cps
Antimony	121-1	16944	16418	16252	16538	2.18	cps
Arsenic	75-2	318	279	286	294	7.00	cps
Barium	135-1	52642	53286	53269	53066	0.69	cps
Barium	137-1	93656	92759	94546	93654	0.95	cps
Beryllium	9-1	167	210	207	194	12.40	cps
Bismuth	209-1	4328287	4223915	4180300	4244167	1.79	cps
Bismuth	209-2	2658444	2656179	2632874	2649166	0.53	cps
Boron	10-1	149365	152469	151511	151115	1.05	cps
Boron	11-1	680187	686269	690468	685641	0.75	cps
Cadmium	111-1	2027	1768	1841	1878	7.12	cps
Cadmium	106-1	2059	1767	2009	1945	8.02	cps
Cadmium	108-1	50	33	46	43	20.15	cps
Calcium	43-1	7762903	7844336	7820635	7809291	0.54	cps
Calcium	44-1	126117036	127409682	126617661	126714793	0.51	cps
Chromium	52-2	16456	16239	16316	16337	0.67	cps
Cobalt	59-2	23956	23586	23736	23759	0.78	cps
Copper	63-2	15782	15308	15772	15621	1.73	cps
Dysprosium	156-1	33	17	42	31	41.66	cps
Dysprosium	156-2	37	10	27	24	55.11	cps
Erbium	164-1	117	150	117	128	15.06	cps
Erbium	164-2	110	90	80	93	16.37	cps
Gadolinium	160-1	83	67	75	75	11.11	cps
Gadolinium	160-2	123	113	123	120	4.81	cps
Holmium	165-1	6436285	6458352	6566614	6487084	1.08	cps
Holmium	165-2	3516970	3539220	3496962	3517717	0.60	cps
Indium	115-1	4146388	4164187	4154177	4154917	0.21	cps
Indium	115-2	919922	918455	910905	916427	0.53	cps
Iron	56-2	19981	18957	19124	19354	2.84	cps
Iron	57-2	40918	40545	39414	40293	1.94	cps
Krypton	83-1	327	290	243	287	14.57	cps
Lead	206-1	9793	8503	8025	8774	10.42	cps
Lead	207-1	8859	7625	7008	7830	12.04	cps
Lead	208-1	40064	35258	32683	36002	10.40	cps
Lithium	6-1	2177854	2192214	2191042	2187037	0.36	cps
Magnesium	24-2	2171664	2165569	2125420	2154218	1.17	cps

LB Number :	LB102728	Operator :	Jaswal
Lab Sample ID :	K2721-01	Instrumnet Name :	P7
Client Sample ID :	SS003RW114R-190506	Dilution Factor :	1
Date & Time Acquired ::	2019-05-13 15:54:49	DataFile Name :	040SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	354331	354448	352162	353647	0.36	cps
Molybdenum	94-1	6327	6127	5493	5982	7.28	cps
Molybdenum	95-1	9687	9237	9220	9381	2.82	cps
Molybdenum	96-1	10913	10396	10229	10513	3.39	cps
Molybdenum	97-1	6393	6068	5643	6035	6.23	cps
Molybdenum	98-1	16110	15033	14875	15339	4.38	cps
Neodymium	150-1	47	67	33	49	34.32	cps
Neodymium	150-2	27	10	20	19	44.42	cps
Nickel	60-2	24724	23813	24217	24251	1.88	cps
Phosphorus	31-2	225	208	175	203	12.55	cps
Potassium	39-2	858784	859953	848894	855877	0.71	cps
Rhodium	103-1	3564565	3582502	3616636	3587901	0.74	cps
Rhodium	103-2	1785455	1786796	1772780	1781677	0.43	cps
Scandium	45-1	3088728	3058350	3077420	3074833	0.50	cps
Scandium	45-2	132550	134345	131316	132737	1.15	cps
Selenium	77-2	27	40	33	33	20.00	cps
Selenium	78-2	57	65	67	63	7.78	cps
Selenium	82-1	470	467	517	485	5.84	cps
Silicon	28-1	54634024	54620470	54544543	54599679	0.09	cps
Silver	109-1	3976	3217	2859	3351	17.02	cps
Silver	107-1	4543	3234	2942	3573	23.86	cps
Sodium	23-2	39363903	38880549	38484033	38909495	1.13	cps
Strontium	86-1	1345026	1346488	1341343	1344286	0.20	cps
Strontium	88-1	12032936	12108232	12143269	12094813	0.47	cps
Sulfur	34-1	9498836	9517601	9469156	9495198	0.26	cps
Terbium	159-1	6501442	6581358	6617741	6566847	0.91	cps
Terbium	159-2	3426795	3425340	3402961	3418365	0.39	cps
Thallium	203-1	10138	7269	5051	7486	34.07	cps
Thallium	205-1	23814	17612	14092	18506	26.60	cps
Thorium	232-1	13752	11555	9509	11606	18.28	cps
Tin	118-1	7727	7219	6902	7283	5.72	cps
Titanium	47-1	1884	1825	1742	1817	3.92	cps
Uranium	238-1	85724	87259	85647	86210	1.05	cps
Vanadium	51-2	3404	3247	2960	3204	7.02	cps
Yttrium	89-1	4770990	4772811	4815095	4786299	0.52	cps
Yttrium	89-2	715195	710672	707824	711230	0.52	cps

LB Number :	LB102728	Operator :	Jaswal
Lab Sample ID :	K2721-01	Instrumnet Name :	P7
Client Sample ID :	SS003RW114R-190506	Dilution Factor :	1
Date & Time Acquired ::	2019-05-13 15:54:49	DataFile Name :	040SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zinc	66-2	3711	3787	3540	3679	3.43	cps
Zirconium	90-1	1508	1208	1208	1308	13.24	cps
Zirconium	91-1	258	317	417	331	24.22	cps

LB Number : LB102728 Operator : Jaswal
 Lab Sample ID : K2721-01DUP Instrumnet Name : P7
 Client Sample ID : SS003RW114R-190506C Dilution Factor : 1
 Date & Time Acquired :: 2019-05-13 15:58:27 DataFile Name : 041SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	158	100	158	139	24.25	cps
Antimony	121-1	10471	9762	10196	10143	3.52	cps
Arsenic	75-2	251	240	209	233	9.38	cps
Barium	135-1	49999	51170	49188	50119	1.99	cps
Barium	137-1	90872	90008	88524	89801	1.32	cps
Beryllium	9-1	110	80	120	103	20.15	cps
Bismuth	209-1	4115079	3979741	3991277	4028699	1.86	cps
Bismuth	209-2	2466394	2461965	2455125	2461161	0.23	cps
Boron	10-1	132134	132359	133225	132572	0.43	cps
Boron	11-1	602006	599296	597620	599640	0.37	cps
Cadmium	111-1	1618	1416	1510	1515	6.66	cps
Cadmium	106-1	2025	1725	1934	1895	8.12	cps
Cadmium	108-1	29	29	21	26	18.25	cps
Calcium	43-1	7082299	6947846	6889684	6973276	1.42	cps
Calcium	44-1	115521057	112497873	112319907	113446279	1.59	cps
Chromium	52-2	13556	13583	14127	13755	2.34	cps
Cobalt	59-2	20371	20094	20314	20260	0.72	cps
Copper	63-2	15018	15011	15592	15207	2.19	cps
Dysprosium	156-1	8	100	42	50	92.80	cps
Dysprosium	156-2	20	23	30	24	20.83	cps
Erbium	164-1	133	150	108	131	16.06	cps
Erbium	164-2	73	50	50	58	23.31	cps
Gadolinium	160-1	83	83	67	78	12.37	cps
Gadolinium	160-2	103	100	110	104	4.87	cps
Holmium	165-1	6424641	6326725	6379126	6376831	0.77	cps
Holmium	165-2	3307318	3298156	3280088	3295188	0.42	cps
Indium	115-1	4026415	3935931	3924859	3962402	1.41	cps
Indium	115-2	829953	821353	821398	824235	0.60	cps
Iron	56-2	14763	15164	14869	14932	1.39	cps
Iron	57-2	33099	33093	34424	33539	2.29	cps
Krypton	83-1	260	293	227	260	12.82	cps
Lead	206-1	6730	6229	6435	6465	3.89	cps
Lead	207-1	5362	5551	5468	5461	1.73	cps
Lead	208-1	25933	25355	25394	25560	1.26	cps
Lithium	6-1	1948657	1896682	1873842	1906394	2.01	cps
Magnesium	24-2	1823181	1811156	1781385	1805241	1.19	cps

LB Number :	LB102728	Operator :	Jaswal
Lab Sample ID :	K2721-01DUP	Instrumnet Name :	P7
Client Sample ID :	SS003RW114R-190506C	Dilution Factor :	1
Date & Time Acquired ::	2019-05-13 15:58:27	DataFile Name :	041SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	303878	300932	298389	301066	0.91	cps
Molybdenum	94-1	4426	4192	3984	4201	5.26	cps
Molybdenum	95-1	7035	6869	7035	6980	1.38	cps
Molybdenum	96-1	8011	7160	7260	7477	6.22	cps
Molybdenum	97-1	4276	4426	4601	4434	3.67	cps
Molybdenum	98-1	11472	11338	10955	11255	2.39	cps
Neodymium	150-1	33	33	73	47	49.50	cps
Neodymium	150-2	3	23	13	13	75.02	cps
Nickel	60-2	20985	20812	20525	20774	1.12	cps
Phosphorus	31-2	192	133	275	200	35.60	cps
Potassium	39-2	719749	710177	703669	711198	1.14	cps
Rhodium	103-1	3452945	3365494	3371868	3396769	1.44	cps
Rhodium	103-2	1608536	1596142	1583943	1596207	0.77	cps
Scandium	45-1	2829899	2764801	2720594	2771764	1.98	cps
Scandium	45-2	113803	113094	110921	112606	1.33	cps
Selenium	77-2	37	30	37	34	11.18	cps
Selenium	78-2	61	43	48	51	18.77	cps
Selenium	82-1	420	403	476	433	8.79	cps
Silicon	28-1	48620860	47613485	47135591	47789979	1.59	cps
Silver	109-1	1475	1308	1250	1345	8.69	cps
Silver	107-1	1417	1350	1233	1333	6.96	cps
Sodium	23-2	33228684	32677456	32217213	32707784	1.55	cps
Strontium	86-1	1278672	1261091	1243375	1261046	1.40	cps
Strontium	88-1	11447628	11271375	11232702	11317235	1.01	cps
Sulfur	34-1	8531809	8372934	8276691	8393811	1.53	cps
Terbium	159-1	6481481	6409744	6451893	6447706	0.56	cps
Terbium	159-2	3181627	3174602	3179321	3178516	0.11	cps
Thallium	203-1	1492	1333	1267	1364	8.47	cps
Thallium	205-1	3342	3634	3159	3378	7.09	cps
Thorium	232-1	3562	3451	3150	3388	6.28	cps
Tin	118-1	3951	3909	4051	3970	1.83	cps
Titanium	47-1	1492	1617	1442	1517	5.94	cps
Uranium	238-1	86555	84700	86386	85880	1.19	cps
Vanadium	51-2	3074	2904	2910	2963	3.25	cps
Yttrium	89-1	4536001	4263757	4246431	4348729	3.73	cps
Yttrium	89-2	630991	628792	622112	627298	0.74	cps

LB Number :	LB102728	Operator :	Jaswal
Lab Sample ID :	K2721-01DUP	Instrumnet Name :	P7
Client Sample ID :	SS003RW114R-190506C	Dilution Factor :	1
Date & Time Acquired ::	2019-05-13 15:58:27	DataFile Name :	041SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zinc	66-2	2610	2534	2677	2607	2.75	cps
Zirconium	90-1	758	767	817	781	4.04	cps
Zirconium	91-1	158	183	200	181	11.62	cps

LB Number :	LB102728	Operator :	Jaswal
Lab Sample ID :	K2721-01LX5	Instrumnet Name :	P7
Client Sample ID :	SS003RW114R-190506L	Dilution Factor :	5
Date & Time Acquired ::	2019-05-13 16:02:05	DataFile Name :	042SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	158	117	67	114	40.30	cps
Antimony	121-1	2384	2117	2184	2228	6.23	cps
Arsenic	75-2	90	89	77	85	8.54	cps
Barium	135-1	10146	10087	11072	10435	5.29	cps
Barium	137-1	18947	18813	19097	18952	0.75	cps
Beryllium	9-1	113	110	100	108	6.44	cps
Bismuth	209-1	4341578	4300058	4310331	4317322	0.50	cps
Bismuth	209-2	2712456	2707086	2715966	2711836	0.16	cps
Boron	10-1	30406	30941	30482	30610	0.94	cps
Boron	11-1	136108	137268	136722	136699	0.42	cps
Cadmium	111-1	1465	1372	1147	1328	12.31	cps
Cadmium	106-1	2034	1917	1592	1847	12.39	cps
Cadmium	108-1	0	4	13	6	114.53	cps
Calcium	43-1	1358142	1342729	1352045	1350972	0.57	cps
Calcium	44-1	22591919	22370527	22441709	22468052	0.50	cps
Chromium	52-2	3034	3267	3177	3159	3.73	cps
Cobalt	59-2	4367	4357	4351	4359	0.19	cps
Copper	63-2	4011	3874	3941	3942	1.73	cps
Dysprosium	156-1	8	0	0	3	173.21	cps
Dysprosium	156-2	10	13	10	11	17.30	cps
Erbium	164-1	25	42	50	39	32.73	cps
Erbium	164-2	27	13	27	22	34.66	cps
Gadolinium	160-1	42	17	25	28	45.82	cps
Gadolinium	160-2	70	93	100	88	17.95	cps
Holmium	165-1	6624554	6550023	6658200	6610926	0.84	cps
Holmium	165-2	3476149	3494220	3507627	3492666	0.45	cps
Indium	115-1	4124936	4081879	4048753	4085189	0.94	cps
Indium	115-2	887403	885707	889708	887606	0.23	cps
Iron	56-2	5479	5340	5201	5340	2.60	cps
Iron	57-2	7302	6919	7096	7106	2.70	cps
Krypton	83-1	207	203	233	214	7.67	cps
Lead	206-1	1828	1928	1750	1835	4.86	cps
Lead	207-1	1583	1522	1517	1541	2.40	cps
Lead	208-1	7123	7001	6584	6903	4.09	cps
Lithium	6-1	1738771	1726413	1719685	1728289	0.56	cps
Magnesium	24-2	389400	385287	383095	385927	0.83	cps

LB Number : LB102728 Operator : Jaswal
 Lab Sample ID : K2721-01LX5 Instrumnet Name : P7
 Client Sample ID : SS003RW114R-190506L Dilution Factor : 5
 Date & Time Acquired :: 2019-05-13 16:02:05 DataFile Name : 042SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	64718	64029	64136	64294	0.58	cps
Molybdenum	94-1	1058	1117	942	1039	8.58	cps
Molybdenum	95-1	1525	1625	1433	1528	6.28	cps
Molybdenum	96-1	1575	1709	1659	1647	4.09	cps
Molybdenum	97-1	1075	1025	917	1006	8.05	cps
Molybdenum	98-1	2667	2409	2325	2467	7.22	cps
Neodymium	150-1	0	7	0	2	173.21	cps
Neodymium	150-2	10	10	3	8	49.52	cps
Nickel	60-2	4644	4581	4584	4603	0.77	cps
Phosphorus	31-2	83	100	92	92	9.09	cps
Potassium	39-2	155457	155895	158125	156492	0.91	cps
Rhodium	103-1	3604363	3576513	3554594	3578490	0.70	cps
Rhodium	103-2	1753696	1745612	1759773	1753027	0.41	cps
Scandium	45-1	2704540	2673445	2674286	2684091	0.66	cps
Scandium	45-2	118589	118636	119188	118805	0.28	cps
Selenium	77-2	0	3	0	1	173.21	cps
Selenium	78-2	26	22	35	28	24.05	cps
Selenium	82-1	134	142	65	114	37.05	cps
Silicon	28-1	9555273	9461917	9477534	9498242	0.53	cps
Silver	109-1	458	417	483	453	7.44	cps
Silver	107-1	550	550	525	542	2.66	cps
Sodium	23-2	6888334	6880338	6819426	6862699	0.55	cps
Strontium	86-1	258411	252980	255032	255474	1.07	cps
Strontium	88-1	2209850	2197506	2182626	2196661	0.62	cps
Sulfur	34-1	1901970	1867262	1882313	1883848	0.92	cps
Terbium	159-1	6675395	6633085	6667588	6658689	0.34	cps
Terbium	159-2	3360563	3369270	3367904	3365913	0.14	cps
Thallium	203-1	467	358	358	394	15.86	cps
Thallium	205-1	892	950	850	897	5.60	cps
Thorium	232-1	578	539	528	548	4.79	cps
Tin	118-1	700	800	783	761	7.04	cps
Titanium	47-1	308	433	267	336	25.81	cps
Uranium	238-1	18380	17855	17646	17960	2.11	cps
Vanadium	51-2	733	637	760	710	9.14	cps
Yttrium	89-1	4384996	4374380	4538659	4432678	2.07	cps
Yttrium	89-2	660013	666630	663828	663490	0.50	cps

LB Number :	LB102728	Operator :	Jaswal
Lab Sample ID :	K2721-01LX5	Instrumnet Name :	P7
Client Sample ID :	SS003RW114R-190506L	Dilution Factor :	5
Date & Time Acquired ::	2019-05-13 16:02:05	DataFile Name :	042SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zinc	66-2	1193	1233	1367	1265	7.18	cps
Zirconium	90-1	425	417	325	389	14.27	cps
Zirconium	91-1	83	108	50	81	36.33	cps

LB Number : LB102728 Operator : Jaswal
 Lab Sample ID : K2721-02 Instrumnet Name : P7
 Client Sample ID : SS003RW114R-190506M Dilution Factor : 1
 Date & Time Acquired :: 2019-05-13 16:05:42 DataFile Name : 043SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	537975	542778	538591	539781	0.48	cps
Antimony	121-1	2712567	2725074	2760538	2732726	0.91	cps
Arsenic	75-2	87037	89064	88858	88320	1.26	cps
Barium	135-1	3781656	3808225	3865947	3818609	1.13	cps
Barium	137-1	6984746	7070723	7160344	7071937	1.24	cps
Beryllium	9-1	714892	709483	705949	710108	0.63	cps
Bismuth	209-1	3651041	3632820	3631181	3638348	0.30	cps
Bismuth	209-2	2267966	2281944	2278858	2276256	0.32	cps
Boron	10-1	229894	235755	234380	233343	1.31	cps
Boron	11-1	1032375	1032570	1053330	1039425	1.16	cps
Cadmium	111-1	745704	747158	746397	746420	0.10	cps
Cadmium	106-1	86513	87754	87260	87176	0.72	cps
Cadmium	108-1	58717	58353	58684	58584	0.34	cps
Calcium	43-1	6488707	6491288	6530113	6503369	0.36	cps
Calcium	44-1	105519950	105493594	106274421	105762655	0.42	cps
Chromium	52-2	769145	772903	773604	771884	0.31	cps
Cobalt	59-2	1163585	1169685	1166006	1166425	0.26	cps
Copper	63-2	1463954	1484579	1475263	1474598	0.70	cps
Dysprosium	156-1	117	100	192	136	35.88	cps
Dysprosium	156-2	107	103	97	102	4.98	cps
Erbium	164-1	75	167	92	111	43.95	cps
Erbium	164-2	43	93	57	64	40.18	cps
Gadolinium	160-1	58	117	50	75	48.43	cps
Gadolinium	160-2	103	87	107	99	10.84	cps
Holmium	165-1	5855999	5860967	5982981	5899982	1.22	cps
Holmium	165-2	3105125	3142738	3118048	3121970	0.61	cps
Indium	115-1	3427643	3408049	3436196	3423963	0.42	cps
Indium	115-2	732214	742607	734730	736517	0.74	cps
Iron	56-2	32957242	33217958	32831588	33002263	0.60	cps
Iron	57-2	844584	850875	843090	846183	0.49	cps
Krypton	83-1	277	333	253	288	14.30	cps
Lead	206-1	2899533	2902953	2938752	2913746	0.75	cps
Lead	207-1	2593672	2581505	2620787	2598655	0.77	cps
Lead	208-1	12183949	12158767	12346710	12229809	0.83	cps
Lithium	6-1	1538103	1524823	1528089	1530338	0.45	cps
Magnesium	24-2	7830381	7861184	7732594	7808053	0.86	cps

LB Number : LB102728 Operator : Jaswal
 Lab Sample ID : K2721-02 Instrumnet Name : P7
 Client Sample ID : SS003RW114R-190506M Dilution Factor : 1
 Date & Time Acquired :: 2019-05-13 16:05:42 DataFile Name : 043SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	1256717	1278753	1269270	1268247	0.87	cps
Molybdenum	94-1	6192553	6206466	6301142	6233387	0.95	cps
Molybdenum	95-1	7574351	7600036	7730319	7634902	1.10	cps
Molybdenum	96-1	8426385	8452926	8563849	8481054	0.86	cps
Molybdenum	97-1	4759767	4768255	4851452	4793158	1.06	cps
Molybdenum	98-1	12303952	12336248	12577559	12405920	1.21	cps
Neodymium	150-1	427	360	393	393	8.47	cps
Neodymium	150-2	37	33	47	39	17.85	cps
Nickel	60-2	300563	303595	303532	302563	0.57	cps
Phosphorus	31-2	183	100	150	144	29.04	cps
Potassium	39-2	3572900	3595733	3552807	3573813	0.60	cps
Rhodium	103-1	2856906	2844725	2897939	2866523	0.97	cps
Rhodium	103-2	1428530	1442969	1437912	1436470	0.51	cps
Scandium	45-1	2285540	2270182	2286117	2280613	0.40	cps
Scandium	45-2	98968	100189	100417	99858	0.78	cps
Selenium	77-2	2664	2724	2634	2674	1.71	cps
Selenium	78-2	8990	8827	8801	8873	1.15	cps
Selenium	82-1	57211	57218	57414	57281	0.20	cps
Silicon	28-1	41269428	41835778	42570649	41891952	1.56	cps
Silver	109-1	3105351	3102623	3121585	3109853	0.33	cps
Silver	107-1	3232631	3227452	3270439	3243507	0.72	cps
Sodium	23-2	40856903	40726723	40331310	40638312	0.67	cps
Strontium	86-1	2001427	2001453	2028952	2010611	0.79	cps
Strontium	88-1	18039502	18156745	18264229	18153492	0.62	cps
Sulfur	34-1	6621284	6610015	6680441	6637247	0.57	cps
Terbium	159-1	5852915	5868836	5951819	5891190	0.90	cps
Terbium	159-2	3005079	3037336	2997096	3013170	0.71	cps
Thallium	203-1	3505284	3519944	3553423	3526217	0.70	cps
Thallium	205-1	9069066	9094115	9195182	9119454	0.73	cps
Thorium	232-1	4651	4473	3484	4203	14.96	cps
Tin	118-1	2392408	2390179	2403972	2395520	0.31	cps
Titanium	47-1	1935935	1927896	1938053	1933961	0.28	cps
Uranium	238-1	15453824	15868794	15973850	15765489	1.74	cps
Vanadium	51-2	631470	633457	631786	632238	0.17	cps
Yttrium	89-1	3719290	3692207	3718106	3709868	0.41	cps
Yttrium	89-2	566511	569737	570721	568990	0.39	cps

LB Number :	LB102728	Operator :	Jaswal
Lab Sample ID :	K2721-02	Instrumnet Name :	P7
Client Sample ID :	SS003RW114R-190506M	Dilution Factor :	1
Date & Time Acquired ::	2019-05-13 16:05:42	DataFile Name :	043SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zinc	66-2	238200	240320	239480	239333	0.45	cps
Zirconium	90-1	5189909	5198244	5256654	5214936	0.70	cps
Zirconium	91-1	1109799	1112806	1120280	1114295	0.48	cps

LB Number : LB102728 Operator : Jaswal
 Lab Sample ID : K2721-03 Instrumnet Name : P7
 Client Sample ID : SS003RW114R-190506M Dilution Factor : 1
 Date & Time Acquired :: 2019-05-13 16:09:19 DataFile Name : 044SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	511143	508707	504414	508088	0.67	cps
Antimony	121-1	2742924	2727850	2722255	2731010	0.39	cps
Arsenic	75-2	83893	84142	83831	83955	0.20	cps
Barium	135-1	3832566	3810711	3811309	3818196	0.33	cps
Barium	137-1	7084281	7098122	7075747	7086050	0.16	cps
Beryllium	9-1	686737	674235	671349	677441	1.21	cps
Bismuth	209-1	3590212	3573728	3566376	3576772	0.34	cps
Bismuth	209-2	2214877	2216015	2163654	2198182	1.36	cps
Boron	10-1	224949	222335	224762	224015	0.65	cps
Boron	11-1	1008615	1005294	1006354	1006754	0.17	cps
Cadmium	111-1	736513	740277	740134	738974	0.29	cps
Cadmium	106-1	85491	84702	84275	84823	0.73	cps
Cadmium	108-1	58922	57069	57224	57738	1.78	cps
Calcium	43-1	6410592	6387936	6347483	6382004	0.50	cps
Calcium	44-1	104938534	104245357	103555109	104246333	0.66	cps
Chromium	52-2	743410	744139	741703	743084	0.17	cps
Cobalt	59-2	1125481	1126122	1120641	1124081	0.27	cps
Copper	63-2	1422809	1427751	1418063	1422874	0.34	cps
Dysprosium	156-1	58	100	75	78	26.96	cps
Dysprosium	156-2	67	80	73	73	9.09	cps
Erbium	164-1	133	67	150	117	37.80	cps
Erbium	164-2	87	77	60	74	18.10	cps
Gadolinium	160-1	100	92	67	86	20.15	cps
Gadolinium	160-2	83	73	110	89	21.32	cps
Holmium	165-1	5807668	5831710	5877203	5838860	0.60	cps
Holmium	165-2	3055604	3066406	2977192	3033067	1.61	cps
Indium	115-1	3391444	3389039	3402217	3394234	0.21	cps
Indium	115-2	716368	721167	695795	711110	1.90	cps
Iron	56-2	31943556	31826583	31593569	31787903	0.56	cps
Iron	57-2	813727	810475	807115	810439	0.41	cps
Krypton	83-1	217	237	360	271	28.63	cps
Lead	206-1	2912827	2899911	2904900	2905879	0.22	cps
Lead	207-1	2608940	2608081	2595181	2604067	0.30	cps
Lead	208-1	12246215	12257750	12224232	12242732	0.14	cps
Lithium	6-1	1450150	1437912	1427305	1438455	0.79	cps
Magnesium	24-2	7463227	7430378	7356040	7416548	0.74	cps

LB Number : LB102728 Operator : Jaswal
 Lab Sample ID : K2721-03 Instrumnet Name : P7
 Client Sample ID : SS003RW114R-190506M Dilution Factor : 1
 Date & Time Acquired :: 2019-05-13 16:09:19 DataFile Name : 044SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	1221312	1224595	1215266	1220391	0.39	cps
Molybdenum	94-1	6251594	6229906	6260961	6247487	0.25	cps
Molybdenum	95-1	7650743	7637762	7634438	7640981	0.11	cps
Molybdenum	96-1	8507654	8487856	8495821	8497110	0.12	cps
Molybdenum	97-1	4800174	4778135	4775549	4784619	0.28	cps
Molybdenum	98-1	12445151	12392470	12416623	12418081	0.21	cps
Neodymium	150-1	300	413	400	371	16.69	cps
Neodymium	150-2	23	37	37	32	23.90	cps
Nickel	60-2	290426	290621	291169	290739	0.13	cps
Phosphorus	31-2	175	117	117	136	24.75	cps
Potassium	39-2	3447911	3413806	3369871	3410529	1.15	cps
Rhodium	103-1	2857551	2835567	2859735	2850951	0.47	cps
Rhodium	103-2	1399515	1400269	1367248	1389011	1.36	cps
Scandium	45-1	2247179	2222502	2200758	2223480	1.04	cps
Scandium	45-2	95179	95277	91098	93851	2.54	cps
Selenium	77-2	2527	2630	2524	2560	2.37	cps
Selenium	78-2	8495	8386	8645	8509	1.53	cps
Selenium	82-1	56130	55554	55401	55695	0.69	cps
Silicon	28-1	40623040	40909458	41136405	40889635	0.63	cps
Silver	109-1	3116405	3095637	3116141	3109395	0.38	cps
Silver	107-1	3260737	3256812	3221990	3246513	0.66	cps
Sodium	23-2	38688459	38518773	38291497	38499576	0.52	cps
Strontium	86-1	2021123	1996631	1991707	2003154	0.79	cps
Strontium	88-1	18190405	18086698	18178693	18151932	0.31	cps
Sulfur	34-1	6500401	6491224	6450517	6480714	0.41	cps
Terbium	159-1	5846034	5897372	5892014	5878473	0.48	cps
Terbium	159-2	2934213	2955043	2865881	2918379	1.60	cps
Thallium	203-1	3511863	3527327	3537475	3525555	0.37	cps
Thallium	205-1	9077038	9136438	9180948	9131475	0.57	cps
Thorium	232-1	1433	1628	1450	1504	7.17	cps
Tin	118-1	2400917	2390691	2392441	2394683	0.23	cps
Titanium	47-1	1925560	1887092	1891846	1901499	1.10	cps
Uranium	238-1	15810481	15931232	15880677	15874130	0.38	cps
Vanadium	51-2	608813	606599	602592	606001	0.52	cps
Yttrium	89-1	3669068	3661221	3659074	3663121	0.14	cps
Yttrium	89-2	553292	554632	535993	547972	1.90	cps

LB Number :	LB102728	Operator :	Jaswal
Lab Sample ID :	K2721-03	Instrumnet Name :	P7
Client Sample ID :	SS003RW114R-190506M	Dilution Factor :	1
Date & Time Acquired ::	2019-05-13 16:09:19	DataFile Name :	044SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zinc	66-2	232632	231003	232533	232056	0.39	cps
Zirconium	90-1	5221033	5198625	5204323	5207994	0.22	cps
Zirconium	91-1	1127715	1105997	1114321	1116011	0.98	cps

LB Number : LB102728 Operator : Jaswal
 Lab Sample ID : K2721-01A Instrumnet Name : P7
 Client Sample ID : SS003RW114R-190506A Dilution Factor : 1
 Date & Time Acquired :: 2019-05-13 16:12:57 DataFile Name : 045SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	485519	480088	474926	480177	1.10	cps
Antimony	121-1	2662686	2651444	2611980	2642037	1.01	cps
Arsenic	75-2	82154	81121	81524	81600	0.64	cps
Barium	135-1	3726196	3716706	3690911	3711271	0.49	cps
Barium	137-1	6920208	6899819	6875583	6898537	0.32	cps
Beryllium	9-1	642796	632529	625879	633735	1.34	cps
Bismuth	209-1	3566170	3631778	3782845	3660264	3.04	cps
Bismuth	209-2	1587053	2018860	2402910	2002941	20.38	cps
Boron	10-1	211305	211704	209349	210786	0.60	cps
Boron	11-1	945085	942800	942323	943403	0.16	cps
Cadmium	111-1	720707	715836	712405	716316	0.58	cps
Cadmium	106-1	81878	81668	82230	81925	0.35	cps
Cadmium	108-1	55931	56801	56366	56366	0.77	cps
Calcium	43-1	6127376	6059734	6038308	6075139	0.77	cps
Calcium	44-1	99892158	99066425	98333852	99097479	0.79	cps
Chromium	52-2	717755	702081	700888	706908	1.33	cps
Cobalt	59-2	1080787	1071289	1063769	1071948	0.80	cps
Copper	63-2	1374453	1360127	1351735	1362105	0.84	cps
Dysprosium	156-1	133	108	92	111	18.88	cps
Dysprosium	156-2	103	70	77	83	21.17	cps
Erbium	164-1	83	150	175	136	34.81	cps
Erbium	164-2	60	57	53	57	5.89	cps
Gadolinium	160-1	100	50	50	67	43.30	cps
Gadolinium	160-2	90	127	103	107	17.40	cps
Holmium	165-1	5836179	5978291	6278052	6030841	3.74	cps
Holmium	165-2	2197160	2768039	3316653	2760617	20.28	cps
Indium	115-1	3350366	3419175	3584498	3451346	3.49	cps
Indium	115-2	503830	639111	773872	638938	21.13	cps
Iron	56-2	30775269	30400872	29945677	30373939	1.37	cps
Iron	57-2	782408	772806	769791	775002	0.85	cps
Krypton	83-1	203	253	287	248	16.93	cps
Lead	206-1	2839591	2849391	2835717	2841566	0.25	cps
Lead	207-1	2545936	2542890	2533543	2540790	0.25	cps
Lead	208-1	11979097	12020587	11997735	11999140	0.17	cps
Lithium	6-1	1355254	1368691	1405724	1376556	1.90	cps
Magnesium	24-2	7071614	6960860	6867978	6966817	1.46	cps

LB Number : LB102728 Operator : Jaswal
 Lab Sample ID : K2721-01A Instrumnet Name : P7
 Client Sample ID : SS003RW114R-190506A Dilution Factor : 1
 Date & Time Acquired :: 2019-05-13 16:12:57 DataFile Name : 045SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	1173032	1157552	1155967	1162184	0.81	cps
Molybdenum	94-1	6040696	6005681	5983593	6009990	0.48	cps
Molybdenum	95-1	7434176	7367141	7346454	7382590	0.62	cps
Molybdenum	96-1	8234980	8208296	8141728	8195001	0.59	cps
Molybdenum	97-1	4660254	4651273	4287030	4532852	4.70	cps
Molybdenum	98-1	12062349	12018592	11963108	12014683	0.41	cps
Neodymium	150-1	307	320	320	316	2.44	cps
Neodymium	150-2	30	53	43	42	27.72	cps
Nickel	60-2	280933	278519	277663	279038	0.61	cps
Phosphorus	31-2	150	208	108	156	32.29	cps
Potassium	39-2	3247971	3214551	3199419	3220647	0.77	cps
Rhodium	103-1	2818078	2886824	3015488	2906797	3.45	cps
Rhodium	103-2	993805	1249823	1500784	1248137	20.31	cps
Scandium	45-1	2150540	2184941	2287356	2207612	3.22	cps
Scandium	45-2	65110	81858	98497	81822	20.40	cps
Selenium	77-2	2420	2394	2460	2425	1.38	cps
Selenium	78-2	8143	8139	8169	8150	0.20	cps
Selenium	82-1	54689	54076	53788	54184	0.85	cps
Silicon	28-1	38456699	38700523	38770711	38642644	0.43	cps
Silver	109-1	3040338	3009821	2992634	3014264	0.80	cps
Silver	107-1	3165461	3128301	3130623	3141462	0.66	cps
Sodium	23-2	36555263	36127012	35781681	36154652	1.07	cps
Strontium	86-1	1941554	1927734	1927410	1932233	0.42	cps
Strontium	88-1	17577788	17517933	17431488	17509070	0.42	cps
Sulfur	34-1	6161838	6097230	6087252	6115440	0.66	cps
Terbium	159-1	5824843	5992256	6256666	6024588	3.61	cps
Terbium	159-2	2112961	2666683	3176813	2652152	20.06	cps
Thallium	203-1	3422734	3450103	3417051	3429963	0.52	cps
Thallium	205-1	8933091	8984776	8897099	8938322	0.49	cps
Thorium	232-1	1200	1389	1167	1252	9.57	cps
Tin	118-1	2342067	2323595	2303940	2323201	0.82	cps
Titanium	47-1	1818827	1814067	1785225	1806040	1.01	cps
Uranium	238-1	15457064	15449451	15331639	15412718	0.46	cps
Vanadium	51-2	583108	578249	571733	577697	0.99	cps
Yttrium	89-1	3630406	3702154	3864838	3732466	3.22	cps
Yttrium	89-2	390602	491722	593960	492095	20.66	cps

LB Number :	LB102728	Operator :	Jaswal
Lab Sample ID :	K2721-01A	Instrumnet Name :	P7
Client Sample ID :	SS003RW114R-190506A	Dilution Factor :	1
Date & Time Acquired ::	2019-05-13 16:12:57	DataFile Name :	045SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zinc	66-2	224061	221355	219540	221652	1.03	cps
Zirconium	90-1	5048520	5020408	4985616	5018182	0.63	cps
Zirconium	91-1	1076361	1066111	1061763	1068079	0.70	cps

LB Number :	LB102728	Operator :	Jaswal
Lab Sample ID :	K2721-04	Instrumnet Name :	P7
Client Sample ID :	DUP-0519-190506	Dilution Factor :	1
Date & Time Acquired ::	2019-05-13 16:16:33	DataFile Name :	046SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	92	142	133	122	21.92	cps
Antimony	121-1	7677	7277	7652	7536	2.98	cps
Arsenic	75-2	186	180	193	186	3.53	cps
Barium	135-1	44990	44698	44388	44692	0.67	cps
Barium	137-1	78556	76779	77776	77704	1.15	cps
Beryllium	9-1	307	270	197	258	21.73	cps
Bismuth	209-1	3626192	3582587	3579030	3595936	0.73	cps
Bismuth	209-2	2196018	2203425	2183820	2194421	0.45	cps
Boron	10-1	95081	95466	95870	95472	0.41	cps
Boron	11-1	438546	437593	436596	437578	0.22	cps
Cadmium	111-1	1381	1291	1398	1357	4.24	cps
Cadmium	106-1	1458	1333	1517	1436	6.52	cps
Cadmium	108-1	33	25	38	32	19.92	cps
Calcium	43-1	5284406	5268000	5214626	5255678	0.69	cps
Calcium	44-1	86037775	86002108	85326160	85788681	0.47	cps
Chromium	52-2	10754	10454	10054	10420	3.37	cps
Cobalt	59-2	15822	16019	15679	15840	1.08	cps
Copper	63-2	12459	12752	12852	12688	1.61	cps
Dysprosium	156-1	25	17	75	39	81.12	cps
Dysprosium	156-2	13	27	23	21	32.88	cps
Erbium	164-1	92	142	133	122	21.92	cps
Erbium	164-2	63	67	53	61	11.36	cps
Gadolinium	160-1	67	42	42	50	28.87	cps
Gadolinium	160-2	80	113	87	93	18.90	cps
Holmium	165-1	5776702	5747723	5768621	5764348	0.26	cps
Holmium	165-2	2949509	2951694	2923180	2941461	0.54	cps
Indium	115-1	3386180	3361462	3346641	3364761	0.59	cps
Indium	115-2	706331	708590	697797	704240	0.81	cps
Iron	56-2	18479	17811	17255	17848	3.43	cps
Iron	57-2	24554	24838	25439	24944	1.81	cps
Krypton	83-1	240	267	227	244	8.33	cps
Lead	206-1	6113	5796	6285	6065	4.09	cps
Lead	207-1	5468	5018	4929	5138	5.63	cps
Lead	208-1	24548	23570	23297	23805	2.76	cps
Lithium	6-1	1296074	1283289	1276936	1285433	0.76	cps
Magnesium	24-2	1338420	1332712	1308081	1326404	1.22	cps

LB Number :	LB102728	Operator :	Jaswal
Lab Sample ID :	K2721-04	Instrumnet Name :	P7
Client Sample ID :	DUP-0519-190506	Dilution Factor :	1
Date & Time Acquired ::	2019-05-13 16:16:33	DataFile Name :	046SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	235232	234526	231223	233660	0.92	cps
Molybdenum	94-1	5593	5151	4651	5132	9.18	cps
Molybdenum	95-1	8428	8178	7694	8100	4.60	cps
Molybdenum	96-1	9562	8895	7627	8695	11.30	cps
Molybdenum	97-1	5485	5135	4701	5107	7.69	cps
Molybdenum	98-1	13732	13173	11530	12812	8.93	cps
Neodymium	150-1	33	60	40	44	31.23	cps
Neodymium	150-2	17	10	7	11	45.82	cps
Nickel	60-2	16633	16516	16243	16464	1.22	cps
Phosphorus	31-2	83	108	108	100	14.43	cps
Potassium	39-2	537437	532484	523535	531152	1.33	cps
Rhodium	103-1	2851891	2845114	2799420	2832142	1.01	cps
Rhodium	103-2	1352014	1358726	1343610	1351450	0.56	cps
Scandium	45-1	2076766	2053902	2038306	2056325	0.94	cps
Scandium	45-2	86849	87295	84975	86373	1.43	cps
Selenium	77-2	10	17	17	14	26.66	cps
Selenium	78-2	46	39	48	44	11.03	cps
Selenium	82-1	343	288	373	335	12.98	cps
Silicon	28-1	34976556	34849147	34488167	34771290	0.73	cps
Silver	109-1	1325	1133	1225	1228	7.81	cps
Silver	107-1	1492	1242	950	1228	22.08	cps
Sodium	23-2	24450735	24230876	23882808	24188140	1.18	cps
Strontium	86-1	1036948	1023744	1014149	1024947	1.12	cps
Strontium	88-1	9349334	9386204	9310487	9348675	0.41	cps
Sulfur	34-1	6165262	6173864	6101879	6147002	0.64	cps
Terbium	159-1	5772733	5787893	5758156	5772927	0.26	cps
Terbium	159-2	2842065	2844716	2831770	2839517	0.24	cps
Thallium	203-1	2800	1684	1500	1995	35.28	cps
Thallium	205-1	5985	4943	3967	4965	20.32	cps
Thorium	232-1	206	150	194	183	16.03	cps
Tin	118-1	6160	6669	6077	6302	5.09	cps
Titanium	47-1	1425	1300	1067	1264	14.39	cps
Uranium	238-1	83962	82259	80137	82119	2.33	cps
Vanadium	51-2	2107	2180	2224	2170	2.72	cps
Yttrium	89-1	3574497	3533490	3506902	3538297	0.96	cps
Yttrium	89-2	524520	524887	517325	522244	0.82	cps

LB Number :	LB102728	Operator :	Jaswal
Lab Sample ID :	K2721-04	Instrumnet Name :	P7
Client Sample ID :	DUP-0519-190506	Dilution Factor :	1
Date & Time Acquired ::	2019-05-13 16:16:33	DataFile Name :	046SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zinc	66-2	1563	1660	1690	1638	4.04	cps
Zirconium	90-1	2042	1725	1183	1650	26.31	cps
Zirconium	91-1	433	367	308	369	16.93	cps

LB Number :	LB102728	Operator :	Jaswal
Lab Sample ID :	CCV70	Instrumnet Name :	P7
Client Sample ID :	CCV70	Dilution Factor :	1
Date & Time Acquired ::	2019-05-13 16:20:10	DataFile Name :	047CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	3033678	3040579	3064002	3046086	0.52	cps
Antimony	121-1	2541128	2532561	2559405	2544365	0.54	cps
Arsenic	75-2	85011	86273	86512	85932	0.94	cps
Barium	135-1	3675438	3647837	3656686	3659987	0.39	cps
Barium	137-1	6840483	6802685	6849828	6830998	0.37	cps
Beryllium	9-1	677937	679193	691015	682715	1.06	cps
Bismuth	209-1	3542070	3506485	3530837	3526464	0.52	cps
Bismuth	209-2	2280124	2281021	2300113	2287086	0.49	cps
Boron	10-1	123173	124249	126668	124697	1.44	cps
Boron	11-1	540093	545162	550776	545344	0.98	cps
Cadmium	111-1	827468	823617	823607	824897	0.27	cps
Cadmium	106-1	94924	92711	93582	93739	1.19	cps
Cadmium	108-1	62885	63797	63219	63300	0.73	cps
Calcium	43-1	4511457	4503397	4553554	4522803	0.60	cps
Calcium	44-1	73092704	73366231	74227277	73562070	0.80	cps
Chromium	52-2	765563	770791	776378	770911	0.70	cps
Cobalt	59-2	1134385	1145920	1144787	1141697	0.56	cps
Copper	63-2	1611018	1630009	1640832	1627286	0.93	cps
Dysprosium	156-1	133	100	133	122	15.75	cps
Dysprosium	156-2	73	110	77	87	23.40	cps
Erbium	164-1	50	42	50	47	10.18	cps
Erbium	164-2	17	17	17	17	0.00	cps
Gadolinium	160-1	83	75	67	75	11.11	cps
Gadolinium	160-2	120	107	103	110	8.01	cps
Holmium	165-1	5997283	5948236	5963382	5969634	0.42	cps
Holmium	165-2	3244059	3258919	3258226	3253735	0.26	cps
Indium	115-1	3426202	3427488	3416820	3423503	0.17	cps
Indium	115-2	767259	774877	780658	774265	0.87	cps
Iron	56-2	168765265	168087209	169479043	168777172	0.41	cps
Iron	57-2	4121723	4150376	4186201	4152767	0.78	cps
Krypton	83-1	170	193	233	199	16.11	cps
Lead	206-1	2760116	2711004	2736641	2735920	0.90	cps
Lead	207-1	2546786	2512298	2521738	2526941	0.71	cps
Lead	208-1	11801437	11659685	11751531	11737551	0.61	cps
Lithium	6-1	1336819	1334568	1350814	1340734	0.66	cps
Magnesium	24-2	32188297	32107158	32277851	32191102	0.27	cps

LB Number :	LB102728	Operator :	Jaswal
Lab Sample ID :	CCV70	Instrumnet Name :	P7
Client Sample ID :	CCV70	Dilution Factor :	1
Date & Time Acquired ::	2019-05-13 16:20:10	DataFile Name :	047CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	996000	1004398	1012667	1004355	0.83	cps
Molybdenum	94-1	5753916	5777530	5829917	5787121	0.67	cps
Molybdenum	95-1	6993237	7020931	7054014	7022727	0.43	cps
Molybdenum	96-1	7805163	7772088	7828359	7801870	0.36	cps
Molybdenum	97-1	4117871	4083708	4106745	4102774	0.42	cps
Molybdenum	98-1	11361335	11341771	11376973	11360026	0.16	cps
Neodymium	150-1	440	367	420	409	9.27	cps
Neodymium	150-2	87	60	67	71	19.52	cps
Nickel	60-2	304344	306514	307256	306038	0.49	cps
Phosphorus	31-2	29438	28428	28954	28940	1.75	cps
Potassium	39-2	16159637	16170042	16193144	16174274	0.11	cps
Rhodium	103-1	2900434	2859493	2853568	2871165	0.89	cps
Rhodium	103-2	1464086	1470666	1471147	1468633	0.27	cps
Scandium	45-1	2259480	2255058	2275567	2263368	0.48	cps
Scandium	45-2	103941	104639	105133	104571	0.57	cps
Selenium	77-2	2754	2847	2604	2735	4.49	cps
Selenium	78-2	9535	9525	9503	9521	0.17	cps
Selenium	82-1	57444	57032	57693	57390	0.58	cps
Silicon	28-1	2120418	2151204	2204816	2158813	1.98	cps
Silver	109-1	3300437	3291977	3315099	3302504	0.35	cps
Silver	107-1	3449727	3453102	3454340	3452390	0.07	cps
Sodium	23-2	63324362	63328351	63667868	63440194	0.31	cps
Strontium	86-1	908772	910943	913232	910982	0.24	cps
Strontium	88-1	8223197	8217214	8295982	8245464	0.53	cps
Sulfur	34-1	485744	484627	489150	486507	0.48	cps
Terbium	159-1	5985251	5961330	6004574	5983718	0.36	cps
Terbium	159-2	3109815	3139478	3145903	3131732	0.61	cps
Thallium	203-1	3365219	3326243	3357963	3349808	0.62	cps
Thallium	205-1	8711860	8707155	8779332	8732783	0.46	cps
Thorium	232-1	15138570	15029300	15005422	15057764	0.47	cps
Tin	118-1	2322593	2324177	2323191	2323320	0.03	cps
Titanium	47-1	1839422	1836418	1850821	1842220	0.41	cps
Uranium	238-1	15345074	15152771	15146213	15214686	0.74	cps
Vanadium	51-2	635732	638324	645763	639940	0.81	cps
Yttrium	89-1	3756123	3733636	3752527	3747429	0.32	cps
Yttrium	89-2	602919	604270	603474	603554	0.11	cps

LB Number :	LB102728	Operator :	Jaswal
Lab Sample ID :	CCV70	Instrumnet Name :	P7
Client Sample ID :	CCV70	Dilution Factor :	1
Date & Time Acquired ::	2019-05-13 16:20:10	DataFile Name :	047CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zinc	66-2	288476	293647	294282	292135	1.09	cps
Zirconium	90-1	4938595	4940979	4975192	4951589	0.41	cps
Zirconium	91-1	1051582	1051864	1060123	1054523	0.46	cps

LB Number :	LB102728	Operator :	Jaswal
Lab Sample ID :	CCB70	Instrumnet Name :	P7
Client Sample ID :	CCB70	Dilution Factor :	1
Date & Time Acquired ::	2019-05-13 16:23:48	DataFile Name :	048CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	300	283	333	306	8.33	cps
Antimony	121-1	2250	2667	2609	2509	9.00	cps
Arsenic	75-2	64	51	31	48	33.69	cps
Barium	135-1	425	358	533	439	20.13	cps
Barium	137-1	800	800	717	772	6.23	cps
Beryllium	9-1	230	203	190	208	9.80	cps
Bismuth	209-1	4048572	3967082	3930351	3982002	1.52	cps
Bismuth	209-2	2537418	2563890	2561075	2554128	0.57	cps
Boron	10-1	7394	6568	6068	6677	10.03	cps
Boron	11-1	31467	29697	27467	29544	6.78	cps
Cadmium	111-1	1389	1273	1212	1291	6.98	cps
Cadmium	106-1	1734	1658	1600	1664	4.02	cps
Cadmium	108-1	17	13	42	24	66.81	cps
Calcium	43-1	625	475	508	536	14.69	cps
Calcium	44-1	12998	11697	11772	12156	6.01	cps
Chromium	52-2	383	423	443	417	7.33	cps
Cobalt	59-2	133	143	140	139	3.67	cps
Copper	63-2	720	790	780	763	4.96	cps
Dysprosium	156-1	0	0	0	0	0.00	cps
Dysprosium	156-2	3	0	0	1	173.21	cps
Erbium	164-1	8	17	25	17	50.01	cps
Erbium	164-2	10	0	13	8	89.21	cps
Gadolinium	160-1	25	8	42	25	66.68	cps
Gadolinium	160-2	83	70	73	76	9.18	cps
Holmium	165-1	6135981	6005091	6015456	6052176	1.20	cps
Holmium	165-2	3218179	3254687	3221465	3231444	0.62	cps
Indium	115-1	3810805	3713960	3729055	3751273	1.39	cps
Indium	115-2	819873	831066	827047	825996	0.69	cps
Iron	56-2	18167	17795	16643	17535	4.53	cps
Iron	57-2	517	383	422	441	15.56	cps
Krypton	83-1	193	157	193	181	11.69	cps
Lead	206-1	883	778	878	846	7.02	cps
Lead	207-1	800	811	844	819	2.83	cps
Lead	208-1	3356	3256	3556	3389	4.51	cps
Lithium	6-1	1438654	1419632	1414929	1424405	0.88	cps
Magnesium	24-2	3150	2717	2942	2937	7.38	cps

LB Number :	LB102728	Operator :	Jaswal
Lab Sample ID :	CCB70	Instrumnet Name :	P7
Client Sample ID :	CCB70	Dilution Factor :	1
Date & Time Acquired ::	2019-05-13 16:23:48	DataFile Name :	048CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	153	120	117	130	15.60	cps
Molybdenum	94-1	1842	1642	1425	1636	12.74	cps
Molybdenum	95-1	2825	2650	2192	2556	12.80	cps
Molybdenum	96-1	3125	2650	2475	2750	12.23	cps
Molybdenum	97-1	1650	1483	1608	1581	5.49	cps
Molybdenum	98-1	4234	3934	3726	3965	6.45	cps
Neodymium	150-1	0	0	0	0	0.00	cps
Neodymium	150-2	0	0	0	0	0.00	cps
Nickel	60-2	60	80	50	63	24.12	cps
Phosphorus	31-2	83	108	75	89	19.52	cps
Potassium	39-2	7719	8019	7519	7752	3.25	cps
Rhodium	103-1	3357430	3294130	3284167	3311909	1.20	cps
Rhodium	103-2	1631367	1652221	1639897	1641162	0.64	cps
Scandium	45-1	2400449	2353273	2346690	2366804	1.24	cps
Scandium	45-2	104109	104982	103236	104109	0.84	cps
Selenium	77-2	0	3	0	1	173.21	cps
Selenium	78-2	39	39	24	34	25.20	cps
Selenium	82-1	45	88	44	59	42.68	cps
Silicon	28-1	134264	128935	122852	128683	4.44	cps
Silver	109-1	1067	892	1125	1028	11.81	cps
Silver	107-1	1133	975	933	1014	10.41	cps
Sodium	23-2	9587	9237	8661	9161	5.10	cps
Strontium	86-1	383	483	400	422	12.69	cps
Strontium	88-1	1058	1183	975	1072	9.78	cps
Sulfur	34-1	179222	179679	176962	178621	0.81	cps
Terbium	159-1	6188928	6090108	6081326	6120120	0.98	cps
Terbium	159-2	3096395	3141104	3118791	3118763	0.72	cps
Thallium	203-1	1083	1050	867	1000	11.67	cps
Thallium	205-1	2400	2475	2142	2339	7.48	cps
Thorium	232-1	3489	3562	3223	3425	5.21	cps
Tin	118-1	1008	1050	933	997	5.93	cps
Titanium	47-1	242	325	233	267	19.01	cps
Uranium	238-1	1642	1592	1592	1609	1.79	cps
Vanadium	51-2	73	73	40	62	30.93	cps
Yttrium	89-1	3959273	3899934	3884466	3914558	1.01	cps
Yttrium	89-2	605103	610825	608245	608057	0.47	cps

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Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zinc	66-2	877	993	980	950	6.72	cps
Zirconium	90-1	883	917	967	922	4.55	cps
Zirconium	91-1	258	225	225	236	8.15	cps