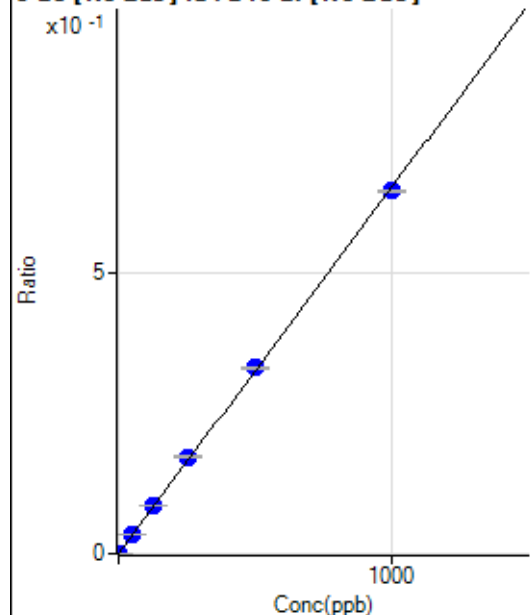


Batch Folder: D:\ICP-MS Data\P7121219MS1.b\
Analysis File: P7121219MS1.batch.bin
DA Date-Time: 2019-12-13 01:52:10
Calibration Title:
Calibration Method: External Calibration
VIS Interpolation Fit:

Level	Standard Data File	Sample Name	Acq. Date-Time
1	003CALB.d	S00	2019-12-12 15:28:24
2	004CALS.d	S02	2019-12-12 15:32:01
3	005CALS.d	S03	2019-12-12 15:36:40
4	006CALS.d	S04	2019-12-12 15:40:52
5	007CALS.d	S05	2019-12-12 15:44:43
6	008CALS.d	S06	2019-12-12 15:48:31
7	009CALS.d	S07	2019-12-12 15:52:18
8	010CALS.d	S08	2019-12-12 15:56:06

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

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	77.78	0.0000	P	18.9
2	☐	1.000	1.040	2779.96	0.0007	P	2.1
3	☐	50.000	52.682	134088.83	0.0344	P	0.6
4	☐	125.000	132.954	324149.67	0.0868	P	0.6
5	☐	250.000	264.861	629276.92	0.1730	P	0.4
6	☐	500.000	507.819	1187031.67	0.3316	P	1.2
7	☐	1000.000	991.247	2295100.51	0.6472	P	0.6
8	☐			322.23	0.0001	P	16.3

$$y = 6.5294\text{E-}004 * x + 1.9126\text{E-}005$$

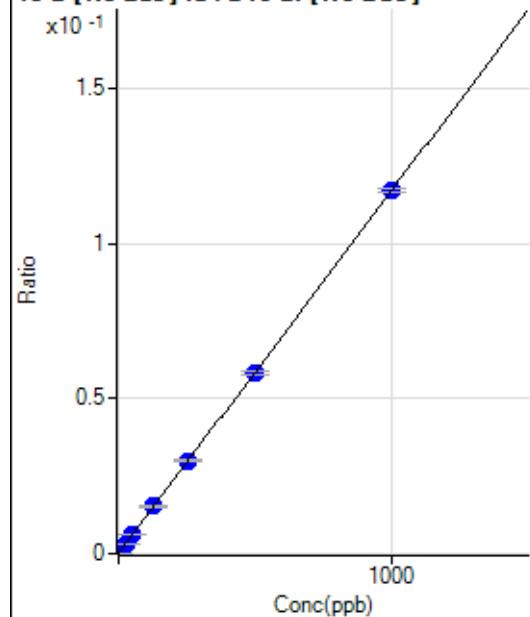
$$R = 0.9998$$

$$DL = 0.01665$$

$$BEC = 0.02929$$

Weight: <None>

Min Conc: 0

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

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	533.36	0.0001	P	11.0
2	☐	25.000	24.222	11802.33	0.0030	P	3.5
3	☐	50.000	51.210	23852.94	0.0061	P	1.0
4	☐	125.000	129.827	57189.38	0.0153	P	2.5
5	☐	250.000	255.537	109251.57	0.0300	P	1.1
6	☐	500.000	496.230	208293.36	0.0582	P	2.3
7	☐	1000.000	999.856	415273.39	0.1171	P	1.2
8	☐			9378.26	0.0027	P	7.6

$$y = 1.1700\text{E-}004 * x + 1.3114\text{E-}004$$

$$R = 1.0000$$

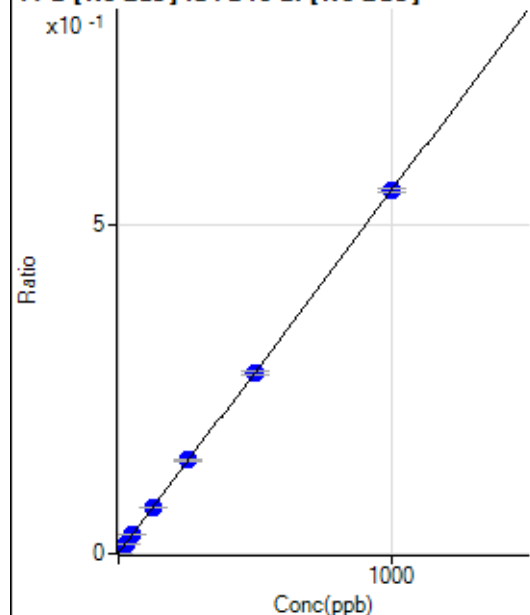
$$DL = 0.3696$$

$$BEC = 1.121$$

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	2372.51	0.0006	P	6.0
2	☐	25.000	24.819	56804.99	0.0143	P	1.7
3	☐	50.000	50.181	110098.89	0.0283	P	1.0
4	☐	125.000	127.195	264069.49	0.0707	P	0.6
5	☐	250.000	257.613	519070.77	0.1427	P	1.8
6	☐	500.000	497.078	983508.42	0.2747	P	1.6
7	☐	1000.000	999.279	1956368.17	0.5517	P	1.2
8	☐			44291.00	0.0126	P	11.4

$$y = 5.5153\text{E-}004 * x + 5.8312\text{E-}004$$

R = 1.0000

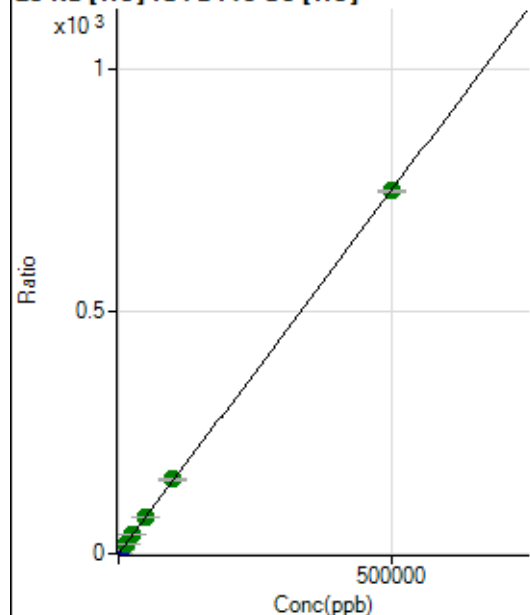
DL = 0.1913

BEC = 1.057

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	10912.68	0.0267	P	3.7
2	☐	500.000	527.093	336001.69	0.8166	P	1.3
3	☐	5000.000	5298.674	3152536.16	7.9679	P	0.5
4	☐	12500.000	13383.034	7710123.26	20.0842	A	0.5
5	☐	25000.000	26900.935	15669422.75	40.3439	A	0.5
6	☐	50000.000	51481.527	30121056.23	77.1835	A	0.2
7	☐	100000.00	102768.30	59736827.03	154.0485	A	1.9
8	☐	500000.00	499178.05	295494762.1	748.1593	A	0.7

$$y = 0.0015 * x + 0.0267$$

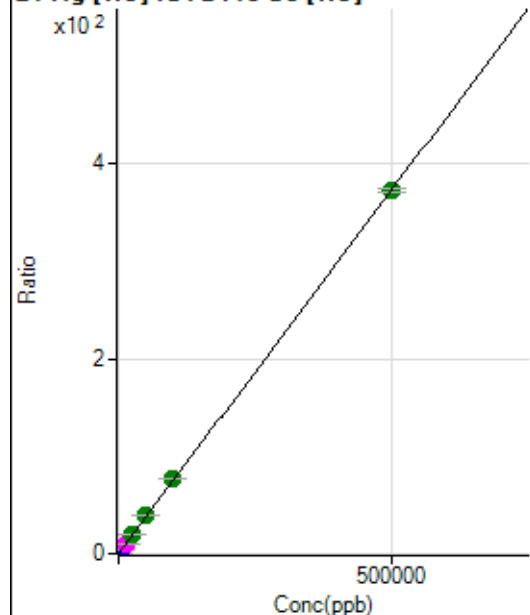
R = 1.0000

DL = 1.977

BEC = 17.79

Weight: <None>

Min Conc: 0

24 Mg [He] ISTD:45 Sc [He]

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	358.35	0.0009	P	20.7
2	☐	500.000	551.713	169860.28	0.4128	P	1.7
3	☐	5000.000	5414.055	1599770.20	4.0434	P	0.7
4	☐	12500.000	13670.651	3918903.34	10.2083	M	0.6
5	☐	25000.000	27324.367	7924393.84	20.4031	A	0.8
6	☐	50000.000	52252.041	15226041.66	39.0159	A	0.6
7	☐	100000.00	103131.32	29860837.48	77.0058	A	1.9
8	☐	500000.00	498998.85	147154510.2	372.5879	A	1.0

$$y = 7.4667\text{E-}004 * x + 8.7598\text{E-}004$$

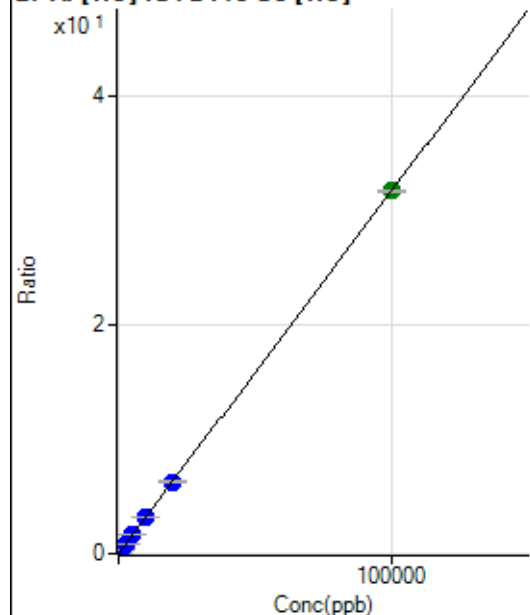
$$R = 1.0000$$

$$DL = 0.7273$$

$$BEC = 1.173$$

Weight: <None>

Min Conc: 0

27 Al [He] ISTD:45 Sc [He]

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	58.34	0.0001	P	13.4
2	☐	20.000	19.486	2597.55	0.0063	P	1.6
3	☐	1000.000	1029.268	129016.10	0.3261	P	0.9
4	☐	2500.000	2604.976	316749.64	0.8251	P	0.1
5	☐	5000.000	5169.365	635878.25	1.6372	P	0.8
6	☐	10000.000	9983.415	1233873.59	3.1617	P	0.3
7	☐	20000.000	19765.886	2427519.61	6.2597	P	1.6
8	☐	100000.00	100037.09	12512477.10	31.6803	A	0.7

$$y = 3.1668\text{E-}004 * x + 1.4242\text{E-}004$$

$$R = 1.0000$$

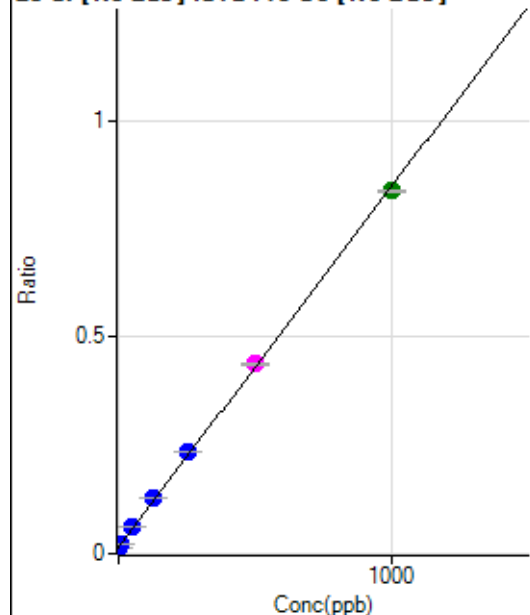
$$DL = 0.1814$$

$$BEC = 0.4497$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	141995.52	0.0141	P	1.4
2	☐	10.000	10.552	225878.03	0.0229	P	0.7
3	☐	50.000	56.624	592751.87	0.0612	P	0.8
4	☐	125.000	136.114	1179806.24	0.1275	P	0.2
5	☐	250.000	266.735	2160606.64	0.2363	P	0.9
6	☐	500.000	510.191	4014879.25	0.4391	M	1.0
7	☐	1000.000	988.995	7755442.62	0.8380	A	0.3
8	☐			1947085.44	0.2107	P	0.8

$$y = 8.3308\text{E-}004 * x + 0.0141$$

$$R = 0.9997$$

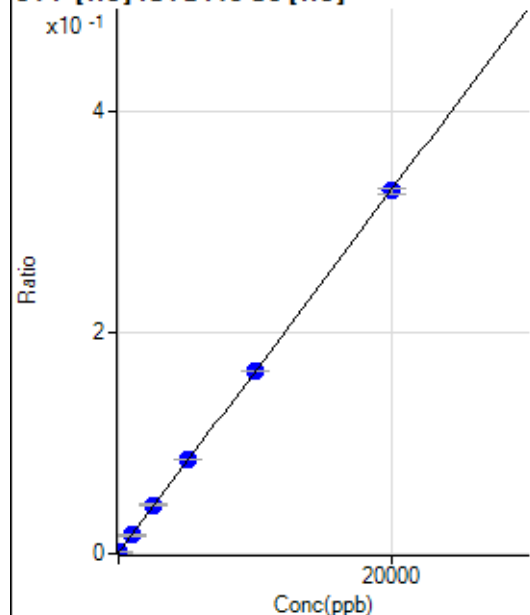
$$DL = 0.6961$$

$$BEC = 16.89$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	-26.452	158.34	0.0004	P	18.5
2	☐	0.000	26.452	516.70	0.0013	P	9.2
3	☐	1000.000	982.157	6710.09	0.0170	P	5.1
4	☐	2500.000	2617.613	16829.47	0.0438	P	3.4
5	☐	5000.000	5112.848	32953.80	0.0848	P	0.7
6	☐	10000.000	10019.472	64576.64	0.1655	P	0.7
7	☐	20000.000	19948.243	127449.66	0.3286	P	1.5
8	☐			136.12	0.0003	P	11.3

$$y = 1.6433\text{E-}005 * x + 8.2167\text{E-}004$$

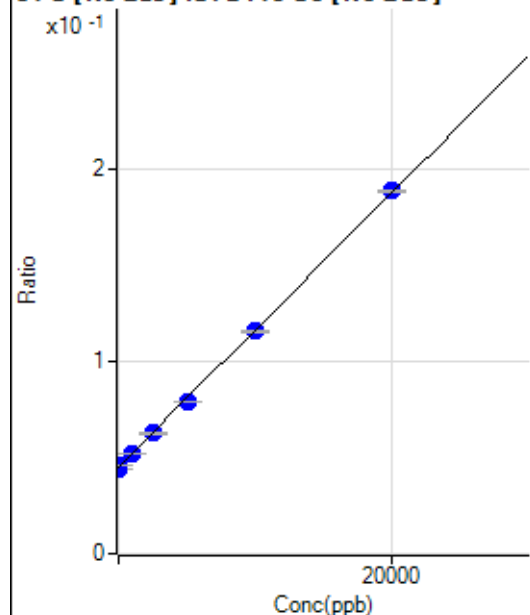
$$R = 1.0000$$

$$DL = 17.13$$

$$BEC = 50$$

Weight: <None>

Min Conc: 0

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	-117.534	446912.96	0.0443	P	0.6
2	☐	0.000	117.534	454083.76	0.0460	P	0.3
3	☐	1000.000	969.316	503563.90	0.0520	P	0.2
4	☐	2500.000	2453.939	579500.81	0.0626	P	1.0
5	☐	5000.000	4738.940	721334.76	0.0789	P	0.2
6	☐	10000.000	9892.525	1057023.62	0.1156	P	0.5
7	☐	20000.000	20126.294	1744736.76	0.1885	P	0.6
8	☐			384057.80	0.0416	P	0.9

$$y = 7.1251\text{E-}006 * x + 0.0451$$

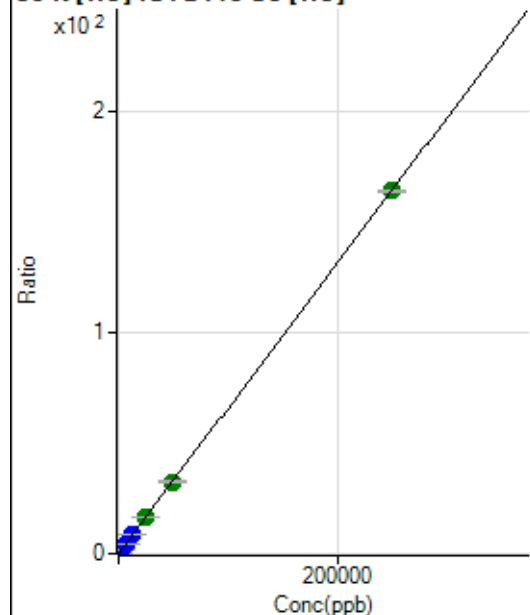
R = 0.9998

DL = 86.98

BEC = 6333

Weight: <None>

Min Conc: 0

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	17636.10	0.0431	P	2.2
2	☐	500.000	514.019	156474.50	0.3803	P	1.3
3	☐	2500.000	2566.622	683273.98	1.7270	P	0.5
4	☐	6250.000	6470.879	1646317.65	4.2884	P	0.6
5	☐	12500.000	12803.789	3279334.64	8.4432	P	1.0
6	☐	25000.000	24897.127	6391207.17	16.3771	A	0.6
7	☐	50000.000	49636.623	12645165.30	32.6077	A	1.6
8	☐	250000.00	250061.55	64814993.81	164.0987	A	0.4

$$y = 6.5606\text{E-}004 * x + 0.0431$$

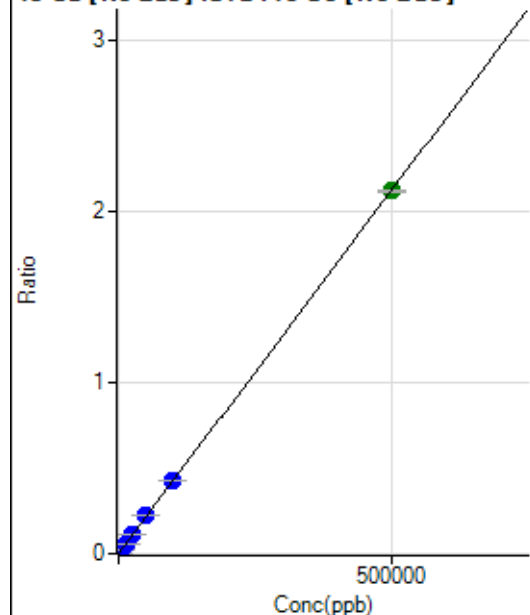
R = 1.0000

DL = 4.288

BEC = 65.68

Weight: <None>

Min Conc: 0

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

	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	388.91	0.0000	P	13.3
2	☐	500.000	507.772	21713.85	0.0022	P	1.7
3	☐	5000.000	5301.306	218549.66	0.0226	P	0.9
4	☐	12500.000	13519.074	532380.37	0.0575	P	1.3
5	☐	25000.000	26965.543	1048799.64	0.1147	P	0.3
6	☐	50000.000	51885.341	2017532.19	0.2207	P	0.6
7	☐	100000.00	101540.84	3996217.23	0.4318	P	0.6
8	☐	500000.00	499376.52	19623098.53	2.1234	A	0.8

$$y = 4.2520\text{E-}006 * x + 3.8570\text{E-}005$$

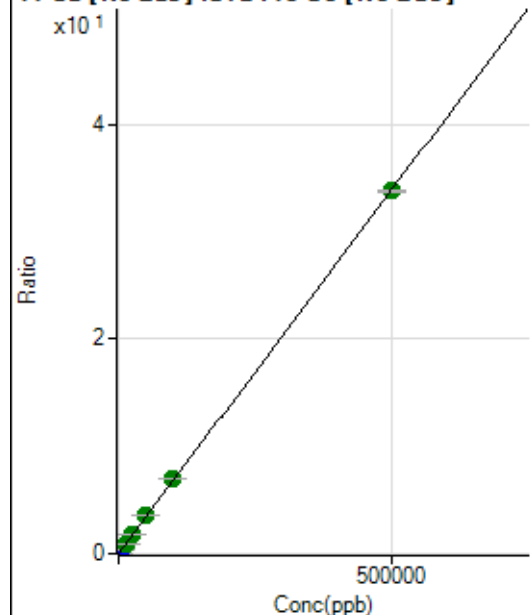
$$R = 1.0000$$

$$DL = 3.609$$

$$BEC = 9.071$$

Weight: <None>

Min Conc: 0

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

	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	11427.37	0.0011	P	2.0
2	☐	500.000	513.195	354791.18	0.0359	P	0.4
3	☐	5000.000	5287.574	3478973.73	0.3594	P	0.1
4	☐	12500.000	13383.283	8404298.63	0.9080	A	0.9
5	☐	25000.000	26825.886	16632541.69	1.8190	A	0.3
6	☐	50000.000	52057.471	32264268.08	3.5287	A	0.0
7	☐	100000.00	103552.93	64953610.48	7.0183	A	0.5
8	☐	500000.00	498967.40	312473673.6	33.8131	A	0.8

$$y = 6.7764\text{E-}005 * x + 0.0011$$

$$R = 1.0000$$

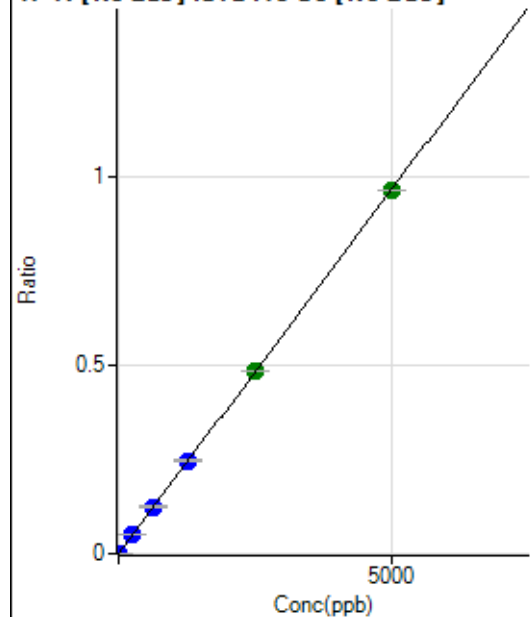
$$DL = 0.9875$$

$$BEC = 16.71$$

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	111.12	0.0000	P	17.7
2	☐	5.000	5.102	9839.75	0.0010	P	3.0
3	☐	250.000	252.714	472324.68	0.0488	P	0.3
4	☐	625.000	645.078	1152820.54	0.1245	P	0.7
5	☐	1250.000	1280.233	2260128.63	0.2472	P	0.6
6	☐	2500.000	2513.672	4437188.25	0.4853	A	0.1
7	☐	5000.000	4982.960	8903518.34	0.9620	A	0.1
8	☐			2472.53	0.0003	P	7.5

$$y = 1.9306\text{E-}004 * x + 1.0995\text{E-}005$$

$$R = 1.0000$$

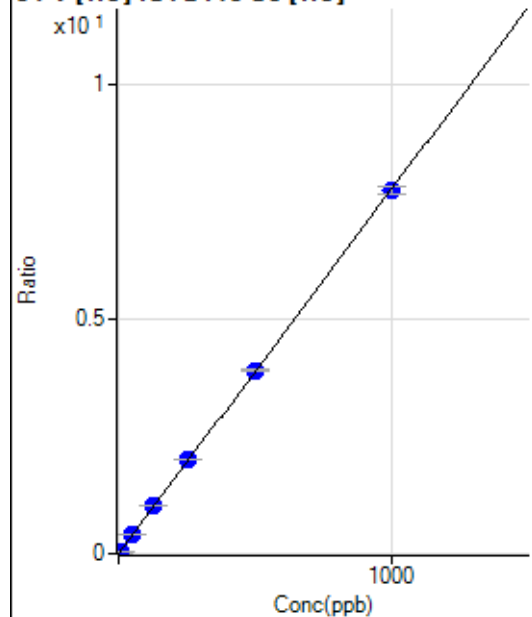
$$DL = 0.03028$$

$$BEC = 0.05695$$

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	12.22	0.0000	P	14.9
2	☐	5.000	5.313	17000.05	0.0413	P	1.3
3	☐	50.000	51.308	157746.34	0.3987	P	1.0
4	☐	125.000	130.012	387843.75	1.0103	P	0.3
5	☐	250.000	258.904	781395.91	2.0118	P	0.4
6	☐	500.000	502.895	1525011.63	3.9078	P	0.5
7	☐	1000.000	995.633	3000104.43	7.7366	P	2.0
8	☐			812.26	0.0021	P	1.4

$$y = 0.0078 * x + 2.9827\text{E-}005$$

$$R = 0.9999$$

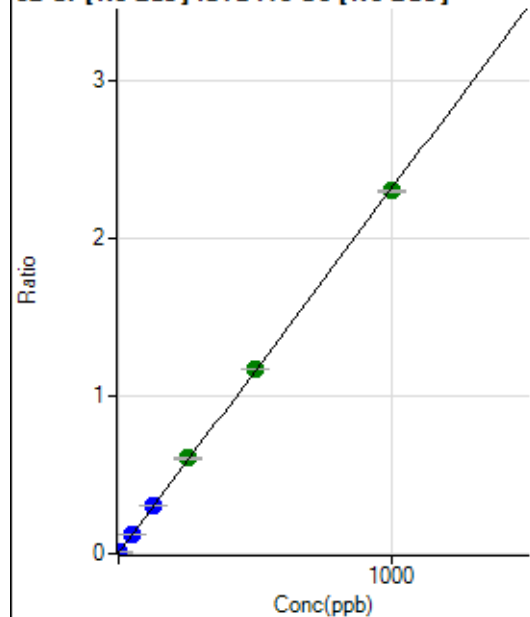
$$DL = 0.00172$$

$$BEC = 0.003839$$

Weight: <None>

Min Conc: 0

52 Cr [No Gas] ISTD:45 Sc [No Gas]



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	28832.79	0.0029	P	0.8
2	☐	2.000	2.052	75133.58	0.0076	P	0.6
3	☐	50.000	51.896	1189577.96	0.1229	P	0.3
4	☐	125.000	132.047	2853710.69	0.3083	P	0.5
5	☐	250.000	260.318	5532413.53	0.6050	A	0.7
6	☐	500.000	505.387	10715234.70	1.1719	A	0.0
7	☐	1000.000	993.751	21300935.38	2.3016	A	0.6
8	☐			590808.93	0.0639	P	0.5

$$y = 0.0023 * x + 0.0029$$

$$R = 0.9999$$

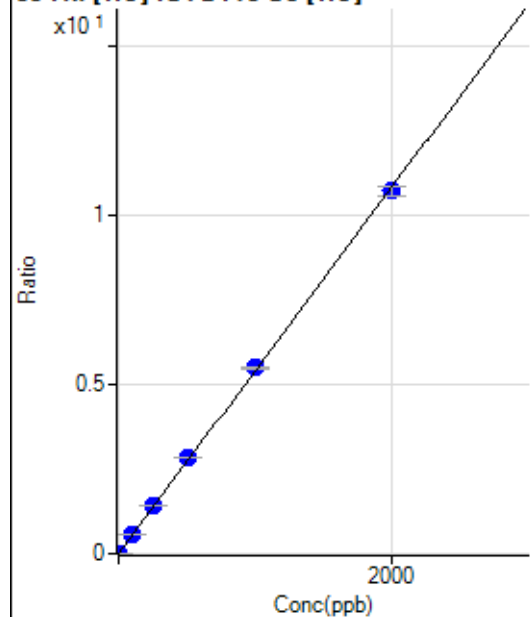
$$DL = 0.03036$$

$$BEC = 1.235$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	92.22	0.0002	P	29.7
2	☐	1.000	1.072	2478.03	0.0060	P	2.2
3	☐	100.000	105.605	226010.39	0.5712	P	0.8
4	☐	250.000	266.544	553373.81	1.4415	P	0.4
5	☐	500.000	527.854	1108632.92	2.8544	P	0.8
6	☐	1000.000	1017.216	2146576.96	5.5005	P	0.8
7	☐	2000.000	1982.080	4155744.35	10.7176	P	2.4
8	☐			14941.12	0.0378	P	2.2

$$y = 0.0054 * x + 2.2492E-004$$

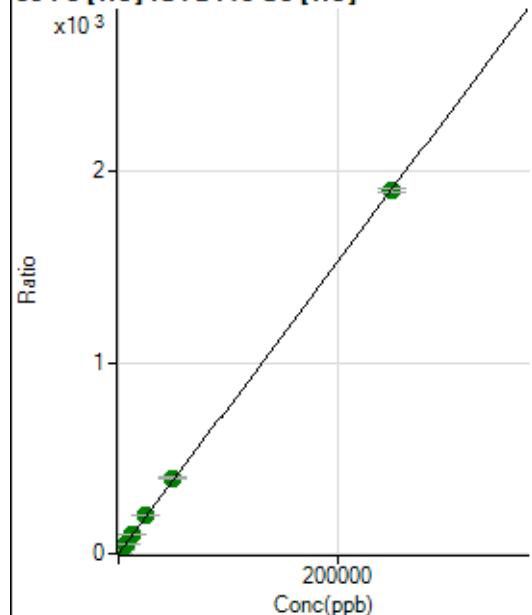
$$R = 0.9998$$

$$DL = 0.03704$$

$$BEC = 0.0416$$

Weight: <None>

Min Conc: 0

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

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	4832.43	0.0118	P	4.6
2	☐	50.000	55.862	179721.21	0.4368	P	1.2
3	☐	2500.000	2727.211	8213656.26	20.7601	A	0.6
4	☐	6250.000	6930.801	20247023.60	52.7405	A	0.4
5	☐	12500.000	13770.214	40693644.89	104.7740	A	0.6
6	☐	25000.000	26542.162	78808259.17	201.9415	A	0.6
7	☐	50000.000	52143.546	153842133.0	396.7139	A	1.7
8	☐	250000.00	249334.27	749180750.0	1,896.918	A	1.0

$$y = 0.0076 * x + 0.0118$$

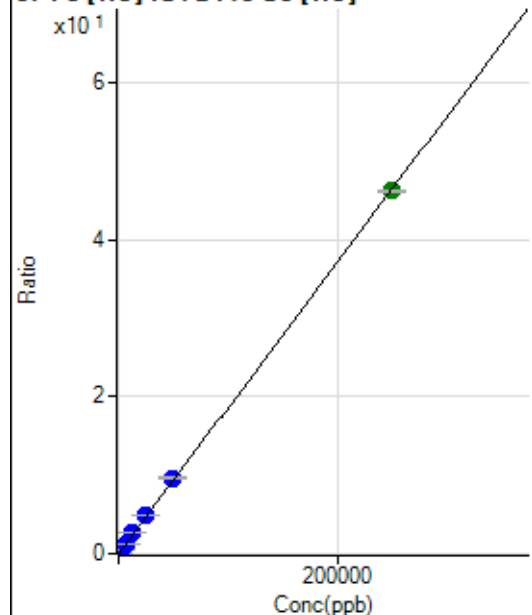
$$R = 0.9999$$

$$DL = 0.2145$$

$$BEC = 1.551$$

Weight: <None>

Min Conc: 0

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

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	179.64	0.0004	P	10.1
2	☐	50.000	58.189	4611.96	0.0112	P	6.6
3	☐	2500.000	2771.561	203199.70	0.5136	P	0.2
4	☐	6250.000	7031.746	499958.27	1.3023	P	0.5
5	☐	12500.000	13929.361	1001830.59	2.5794	P	0.4
6	☐	25000.000	26640.553	1925025.33	4.9328	P	0.5
7	☐	50000.000	52089.762	3739731.10	9.6445	P	2.3
8	☐	250000.00	249324.26	18232236.06	46.1612	A	0.7

$$y = 1.8514E-004 * x + 4.3891E-004$$

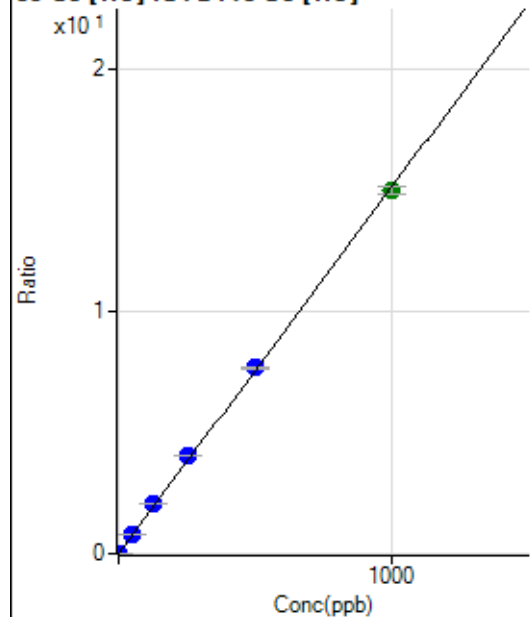
$$R = 0.9999$$

$$DL = 0.7181$$

$$BEC = 2.371$$

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	92.23	0.0002	P	6.5
2	☐	1.000	1.036	6549.34	0.0159	P	2.1
3	☐	50.000	53.708	321843.59	0.8134	P	0.4
4	☐	125.000	134.813	783716.55	2.0415	P	0.2
5	☐	250.000	268.018	1576303.75	4.0584	P	0.7
6	☐	500.000	507.634	2999680.93	7.6865	P	1.0
7	☐	1000.000	990.267	5814053.18	14.9942	A	2.3
8	☐			10686.24	0.0270	P	2.2

$$y = 0.0151 * x + 2.2541E-004$$

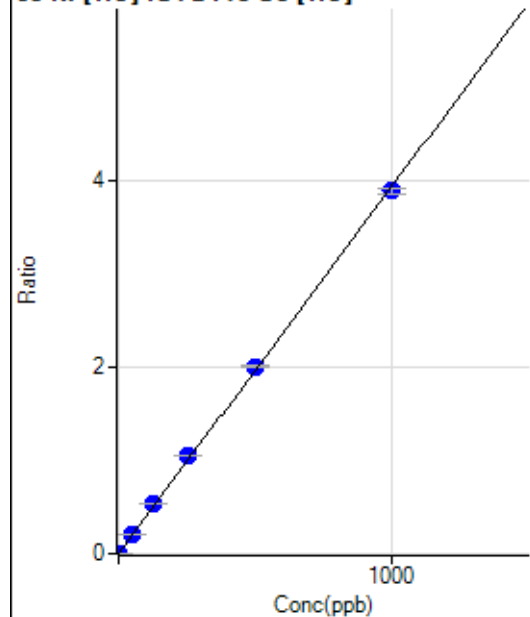
$$R = 0.9998$$

$$DL = 0.002902$$

$$BEC = 0.01489$$

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	67.78	0.0002	P	14.6
2	☐	1.000	1.104	1859.04	0.0045	P	0.9
3	☐	50.000	54.478	85054.78	0.2150	P	1.0
4	☐	125.000	135.886	205754.03	0.5360	P	0.5
5	☐	250.000	267.628	409912.69	1.0554	P	0.9
6	☐	500.000	510.080	784968.97	2.0114	P	1.1
7	☐	1000.000	988.968	1512255.85	3.8997	P	1.9
8	☐			29218.18	0.0740	P	0.4

$$y = 0.0039 * x + 1.6540E-004$$

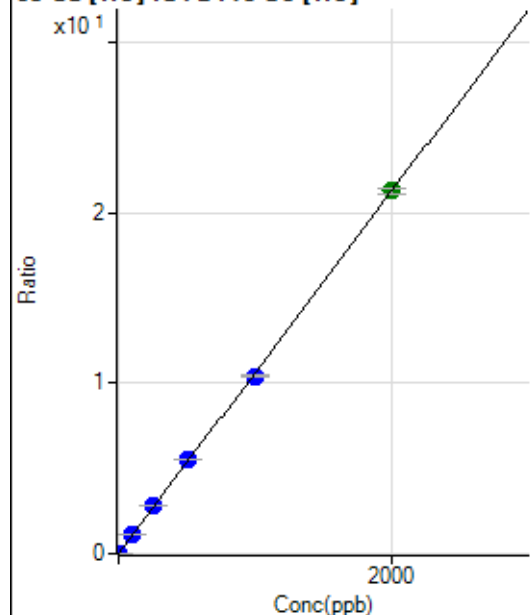
$$R = 0.9997$$

$$DL = 0.01842$$

$$BEC = 0.04195$$

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	988.94	0.0024	P	2.3
2	☐	2.000	2.017	9813.42	0.0239	P	1.9
3	☐	100.000	106.372	448230.06	1.1329	P	0.1
4	☐	250.000	266.436	1087956.15	2.8340	P	0.3
5	☐	500.000	519.331	2144608.61	5.5216	P	0.3
6	☐	1000.000	980.443	4067264.11	10.4221	P	1.0
7	☐	2000.000	2002.573	8253792.79	21.2848	A	1.9
8	☐			12751.25	0.0323	P	2.5

$$y = 0.0106 * x + 0.0024$$

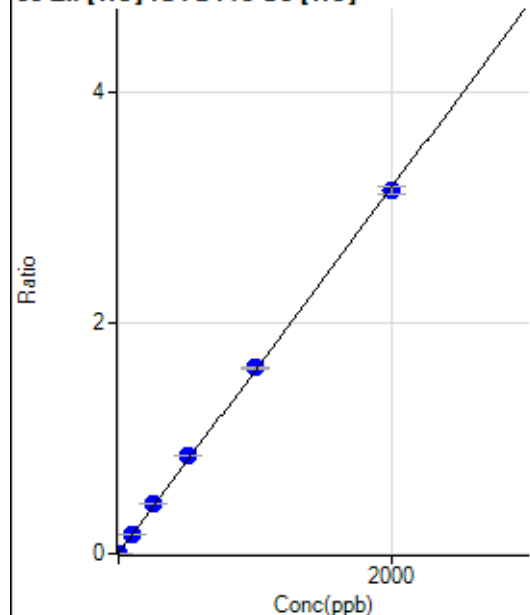
$$R = 0.9999$$

$$DL = 0.0154$$

$$BEC = 0.2273$$

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	1285.64	0.0031	P	4.8
2	☐	2.000	1.519	2281.32	0.0055	P	2.5
3	☐	100.000	106.528	67942.82	0.1717	P	1.3
4	☐	250.000	273.022	167077.33	0.4352	P	0.5
5	☐	500.000	535.036	330085.71	0.8499	P	0.9
6	☐	1000.000	1013.470	627134.57	1.6070	P	0.6
7	☐	2000.000	1981.303	1217022.46	3.1386	P	2.2
8	☐			15982.26	0.0405	P	2.1

$$y = 0.0016 * x + 0.0031$$

$$R = 0.9998$$

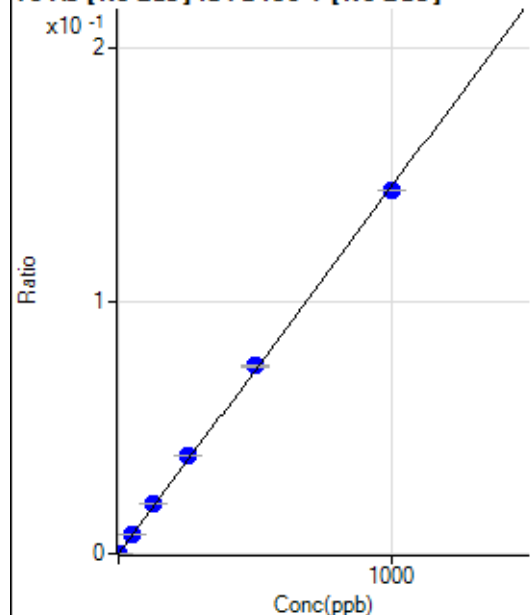
$$DL = 0.2877$$

$$BEC = 1.985$$

Weight: <None>

Min Conc: 0

75 As [No Gas] ISTD:89 Y [No Gas]



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	-1857.37	-0.0001	P	-9.4
2	☐	1.000	0.908	717.53	0.0000	P	36.5
3	☐	50.000	53.626	145128.79	0.0077	P	1.1
4	☐	125.000	134.873	359325.77	0.0195	P	0.6
5	☐	250.000	266.293	708930.51	0.0386	P	1.0
6	☐	500.000	511.403	1358309.07	0.0742	P	0.6
7	☐	1000.000	988.810	2633727.39	0.1436	P	0.1
8	☐			-1110.79	-0.0001	P	-7.7

$$y = 1.4530E-004 * x - 9.4433E-005$$

$$R = 0.9997$$

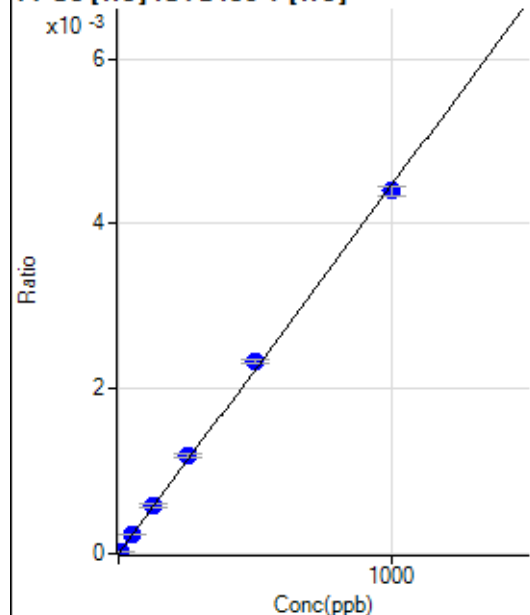
$$DL = 0.1839$$

$$BEC = -0.6499$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	0.00	0.0000	P	
2	☐	5.000	6.663	71.11	0.0000	P	16.7
3	☐	50.000	51.961	538.91	0.0002	P	4.2
4	☐	125.000	129.317	1304.53	0.0006	P	9.5
5	☐	250.000	264.340	2710.30	0.0012	P	4.0
6	☐	500.000	521.398	5384.41	0.0023	P	1.7
7	☐	1000.000	985.070	9975.77	0.0044	P	2.9
8	☐			6.67	0.0000	P	1.4

$$y = 4.4663E-006 * x + 0.0000E+000$$

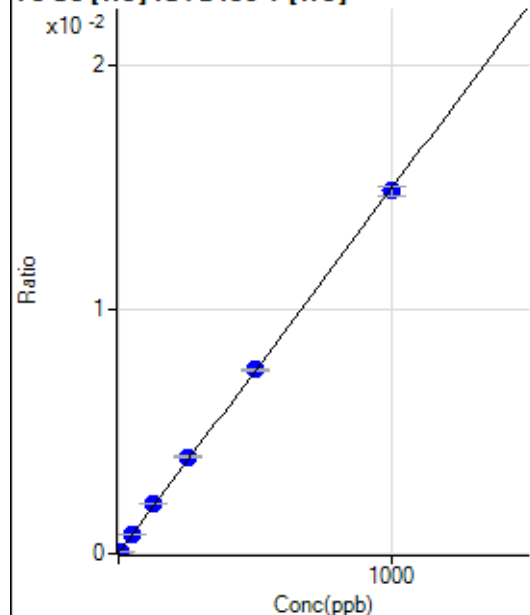
$$R = 0.9995$$

$$DL = 0$$

$$BEC = 0$$

Weight: <None>

Min Conc: 0

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

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	52.47	0.0000	P	26.1
2	☐	5.000	6.073	269.76	0.0001	P	3.1
3	☐	50.000	52.721	1881.00	0.0008	P	0.6
4	☐	125.000	134.600	4593.97	0.0020	P	1.8
5	☐	250.000	264.273	9117.74	0.0040	P	1.9
6	☐	500.000	503.337	17448.24	0.0075	P	1.0
7	☐	1000.000	993.422	33718.74	0.0149	P	2.7
8	☐			75.93	0.0000	P	9.5

$$y = 1.4946\text{E-}005 * x + 2.2085\text{E-}005$$

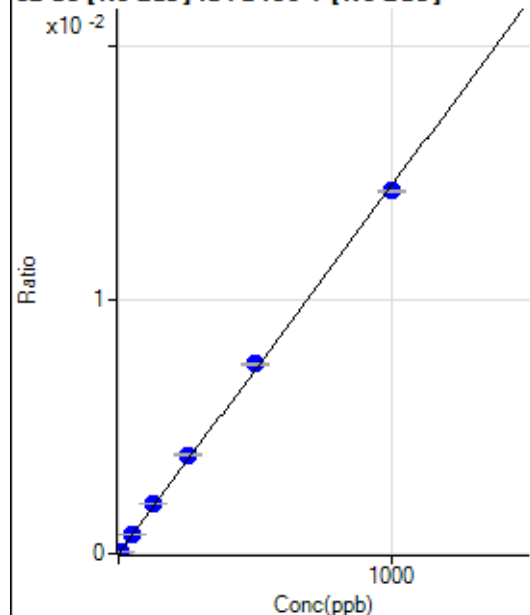
$$R = 0.9999$$

$$DL = 1.159$$

$$BEC = 1.478$$

Weight: <None>

Min Conc: 0

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

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	21.35	0.0000	P	50.5
2	☐	5.000	5.575	1569.49	0.0001	P	5.6
3	☐	50.000	53.928	14755.95	0.0008	P	1.3
4	☐	125.000	136.800	36548.20	0.0020	P	0.4
5	☐	250.000	268.625	71518.13	0.0039	P	0.8
6	☐	500.000	515.084	136644.43	0.0075	P	1.1
7	☐	1000.000	986.128	262175.69	0.0143	P	0.6
8	☐			178.48	0.0000	P	53.6

$$y = 1.4492\text{E-}005 * x + 1.0897\text{E-}006$$

$$R = 0.9996$$

$$DL = 0.114$$

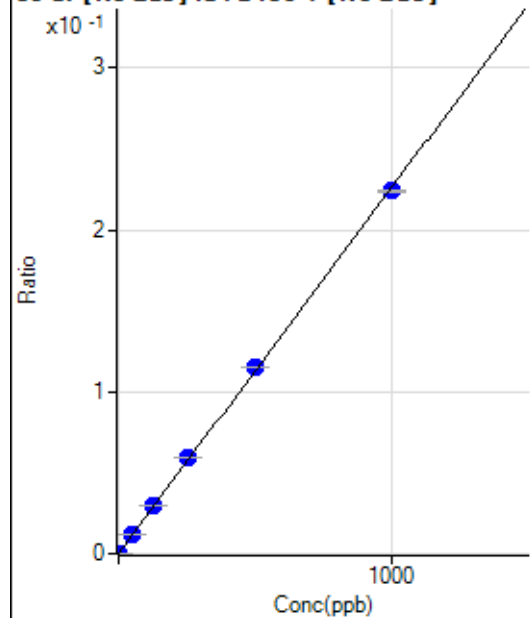
$$BEC = 0.07519$$

Weight: <None>

Min Conc: 0

83 Kr [No Gas] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			925.60		P	0.7
2	☐			986.72		P	2.8
3	☐			945.60		P	5.5
4	☐			936.71		P	5.4
5	☐			930.05		P	3.6
6	☐			916.71		P	1.6
7	☐			923.38		P	2.7
8	☐			998.94		P	9.6

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	1461.25	0.0001	P	6.8
2	☐	1.000	1.023	5854.23	0.0003	P	4.1
3	☐	50.000	52.151	223480.19	0.0119	P	1.1
4	☐	125.000	132.796	554010.37	0.0301	P	0.1
5	☐	250.000	262.278	1089334.48	0.0593	P	0.7
6	☐	500.000	508.590	2103895.29	0.1149	P	0.2
7	☐	1000.000	991.553	4109429.26	0.2240	P	0.5
8	☐			17875.58	0.0010	P	0.2

$$y = 2.2586E-004 * x + 7.4198E-005$$

$$R = 0.9998$$

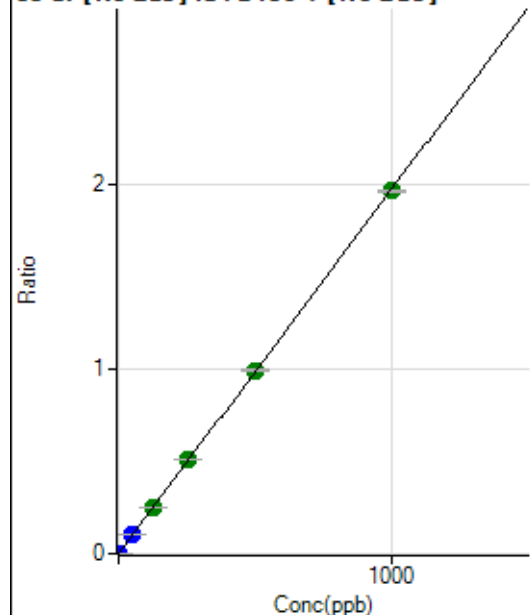
$$DL = 0.06718$$

$$BEC = 0.3285$$

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	300.02	0.0000	P	1.4
2	☐	1.000	1.019	38914.87	0.0020	P	1.5
3	☐	50.000	51.286	1912433.98	0.1014	P	0.4
4	☐	125.000	128.653	4687836.34	0.2544	A	0.3
5	☐	250.000	257.755	9361122.08	0.5097	A	0.4
6	☐	500.000	503.191	18212788.08	0.9950	A	0.6
7	☐	1000.000	995.945	36125606.36	1.9694	A	0.2
8	☐			146207.25	0.0082	P	1.4

$$y = 0.0020 * x + 1.5244E-005$$

$$R = 1.0000$$

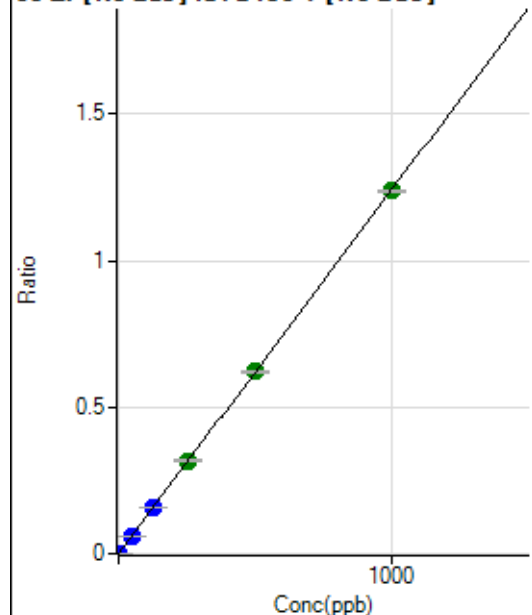
$$DL = 0.0003326$$

$$BEC = 0.007709$$

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	1077.86	0.0001	P	6.3
2	☐	1.000	0.877	21909.23	0.0011	P	2.3
3	☐	50.000	49.882	1167948.44	0.0619	P	0.3
4	☐	125.000	127.774	2921867.47	0.1586	P	0.5
5	☐	250.000	256.409	5843715.76	0.3182	A	0.4
6	☐	500.000	500.574	11368435.67	0.6211	A	0.6
7	☐	1000.000	997.770	22709101.55	1.2380	A	0.3
8	☐			6204.39	0.0003	P	3.7

$$y = 0.0012 * x + 5.4726E-005$$

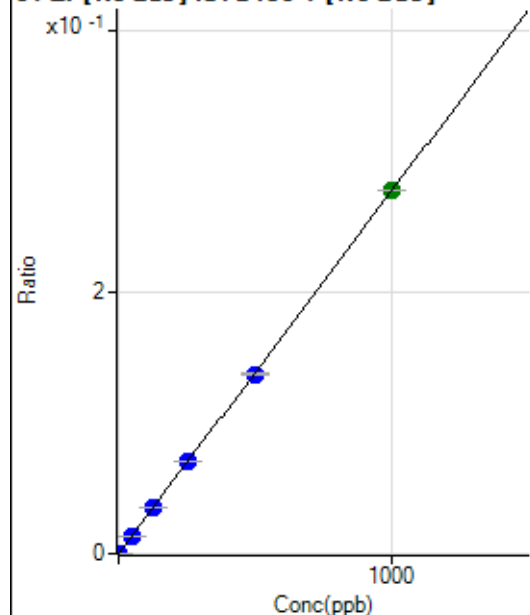
$$R = 1.0000$$

$$DL = 0.008313$$

$$BEC = 0.04411$$

Weight: <None>

Min Conc: 0

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

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	238.90	0.0000	P	10.0
2	☐	1.000	0.899	5014.99	0.0003	P	4.7
3	☐	50.000	50.039	262110.66	0.0139	P	0.6
4	☐	125.000	128.577	657809.13	0.0357	P	0.4
5	☐	250.000	254.299	1296614.35	0.0706	P	0.8
6	☐	500.000	494.908	2514632.93	0.1374	P	1.1
7	☐	1000.000	1001.022	5097155.76	0.2779	A	0.2
8	☐			1447.36	0.0001	P	11.7

$$y = 2.7758\text{E-}004 * x + 1.2132\text{E-}005$$

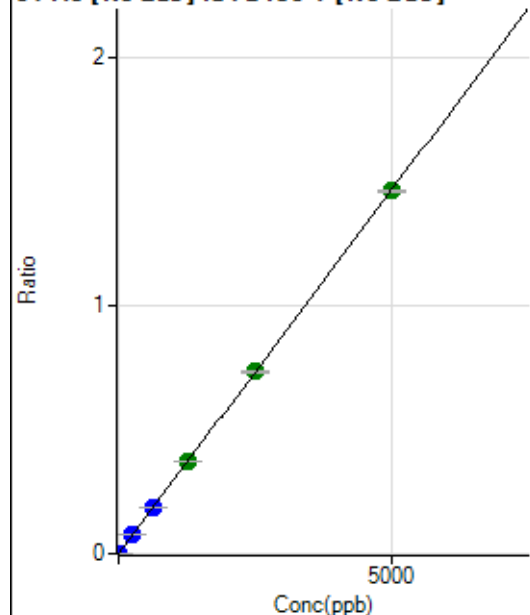
$$R = 1.0000$$

$$DL = 0.01309$$

$$BEC = 0.04371$$

Weight: <None>

Min Conc: 0

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

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	452.81	0.0000	P	25.0
2	☐	5.000	5.009	28601.71	0.0015	P	0.6
3	☐	250.000	252.737	1397981.79	0.0741	P	0.4
4	☐	625.000	639.129	3453853.03	0.1875	P	1.0
5	☐	1250.000	1275.030	6868074.46	0.3740	A	0.5
6	☐	2500.000	2505.008	13446886.93	0.7347	A	0.7
7	☐	5000.000	4989.336	26842013.10	1.4633	A	0.4
8	☐			19519.56	0.0011	P	1.7

$$y = 2.9328\text{E-}004 * x + 2.3023\text{E-}005$$

$$R = 1.0000$$

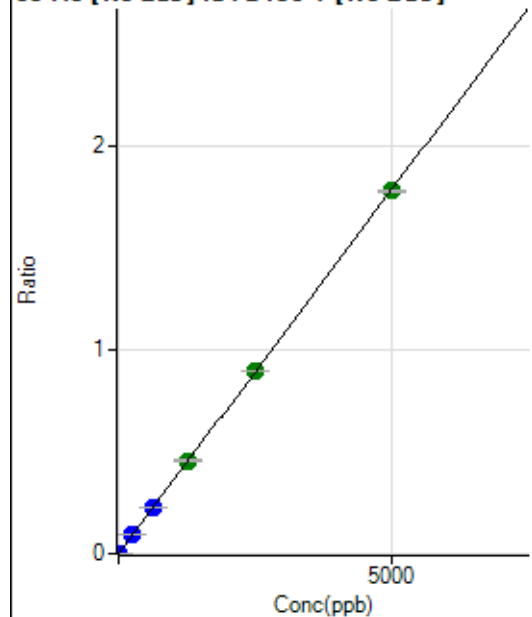
$$DL = 0.05879$$

$$BEC = 0.0785$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	125.00	0.0000	P	27.8
2	☐	5.000	5.283	36310.98	0.0019	P	0.9
3	☐	250.000	253.470	1707676.17	0.0906	P	0.9
4	☐	625.000	636.433	4189786.86	0.2274	P	0.8
5	☐	1250.000	1279.877	8398493.42	0.4573	A	1.1
6	☐	2500.000	2508.272	16403280.57	0.8962	A	0.8
7	☐	5000.000	4986.792	32685269.48	1.7818	A	0.8
8	☐			30269.13	0.0017	P	1.1

$$y = 3.5730E-004 * x + 6.3372E-006$$

$$R = 1.0000$$

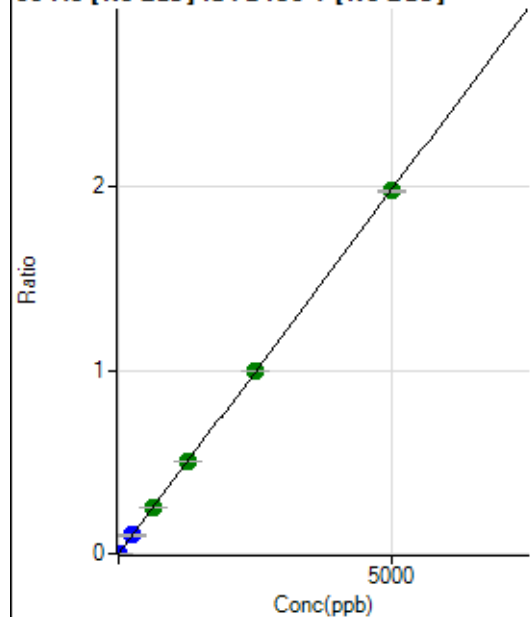
$$DL = 0.01482$$

$$BEC = 0.01774$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	219.46	0.0000	P	12.5
2	☐	5.000	5.247	40110.10	0.0021	P	1.2
3	☐	250.000	251.991	1884947.68	0.1000	P	0.9
4	☐	625.000	637.248	4657883.22	0.2528	A	0.3
5	☐	1250.000	1274.753	9287416.62	0.5057	A	0.5
6	☐	2500.000	2509.924	18223895.89	0.9957	A	0.7
7	☐	5000.000	4987.219	36291588.31	1.9784	A	0.7
8	☐			39670.25	0.0022	P	3.6

$$y = 3.9669E-004 * x + 1.1157E-005$$

$$R = 1.0000$$

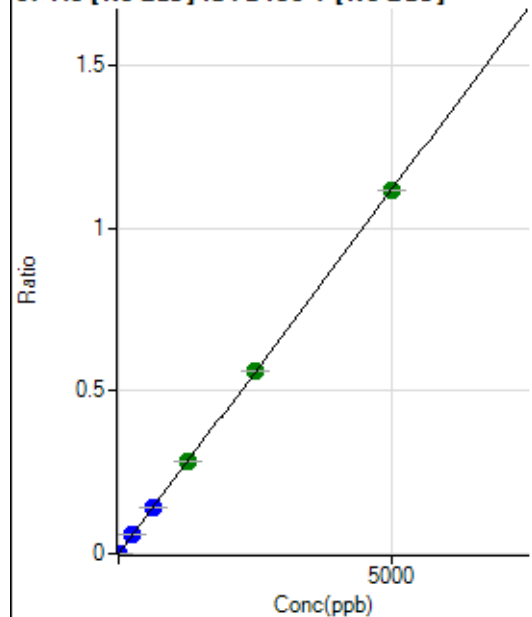
$$DL = 0.01053$$

$$BEC = 0.02813$$

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	91.67	0.0000	P	32.6
2	☐	5.000	5.287	22757.85	0.0012	P	2.3
3	☐	250.000	253.211	1067965.48	0.0566	P	0.7
4	☐	625.000	640.416	2639514.47	0.1433	P	0.2
5	☐	1250.000	1279.141	5254866.44	0.2861	A	0.4
6	☐	2500.000	2506.219	10260561.77	0.5606	A	0.6
7	☐	5000.000	4987.517	20464039.00	1.1156	A	0.1
8	☐			17850.84	0.0010	P	1.8

$$y = 2.2368\text{E-}004 * x + 4.6570\text{E-}006$$

$$R = 1.0000$$

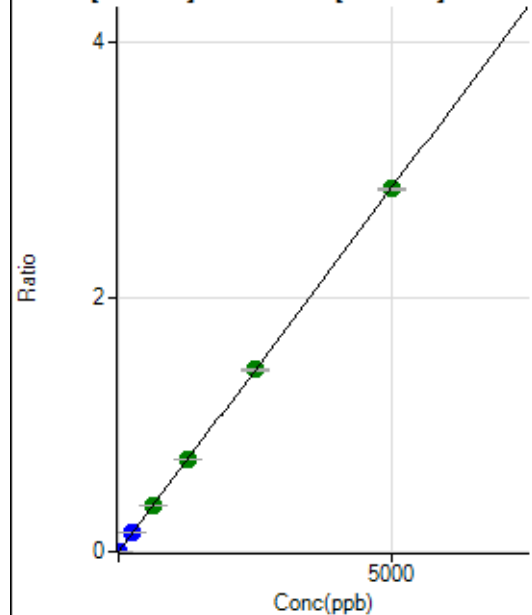
$$DL = 0.02034$$

$$BEC = 0.02082$$

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	213.90	0.0000	P	3.4
2	☐	5.000	5.298	58225.38	0.0030	P	0.8
3	☐	250.000	252.745	2722184.52	0.1444	P	0.7
4	☐	625.000	636.648	6700793.46	0.3637	A	0.4
5	☐	1250.000	1274.474	13370115.84	0.7280	A	0.5
6	☐	2500.000	2506.893	26208470.20	1.4319	A	0.7
7	☐	5000.000	4988.841	52270130.68	2.8496	A	0.8
8	☐			45852.79	0.0026	P	2.2

$$y = 5.7119\text{E-}004 * x + 1.0870\text{E-}005$$

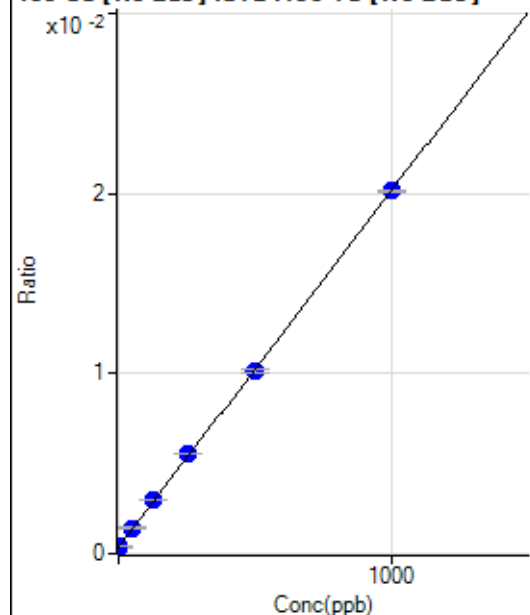
$$R = 1.0000$$

$$DL = 0.001958$$

$$BEC = 0.01903$$

Weight: <None>

Min Conc: 0

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	7719.05	0.0004	P	3.0
2	☐	1.000	2.581	8600.16	0.0004	P	1.6
3	☐	50.000	54.736	30453.17	0.0014	P	1.1
4	☐	125.000	133.362	62829.09	0.0030	P	0.4
5	☐	250.000	261.276	117039.25	0.0055	P	0.6
6	☐	500.000	493.608	213781.68	0.0101	P	1.3
7	☐	1000.000	999.093	425078.37	0.0201	P	0.9
8	☐			7933.12	0.0004	P	1.8

$$y = 1.9806\text{E-}005 * x + 3.5319\text{E-}004$$

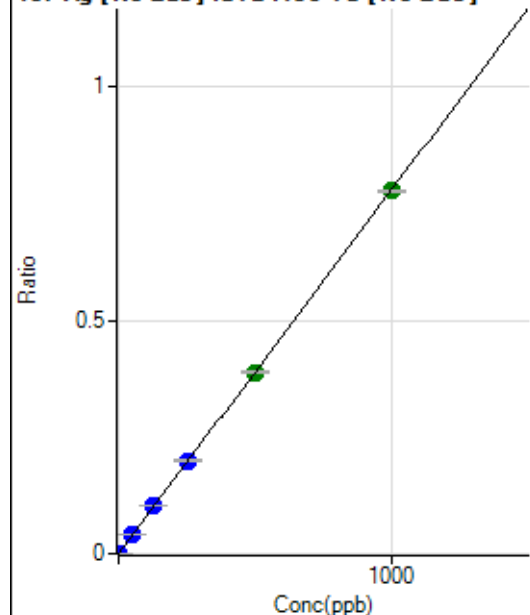
$$R = 0.9999$$

$$DL = 1.605$$

$$BEC = 17.83$$

Weight: <None>

Min Conc: 0

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	225.01	0.0000	P	6.3
2	☐	1.000	2.571	42821.34	0.0020	P	0.9
3	☐	50.000	53.971	890950.81	0.0421	P	0.8
4	☐	125.000	133.538	2182675.68	0.1040	P	0.8
5	☐	250.000	255.834	4219370.53	0.1993	P	0.7
6	☐	500.000	499.412	8210819.89	0.3891	A	0.7
7	☐	1000.000	997.568	16401033.35	0.7771	A	0.2
8	☐			1730.74	0.0001	P	7.8

$$y = 7.7900\text{E-}004 * x + 1.0292\text{E-}005$$

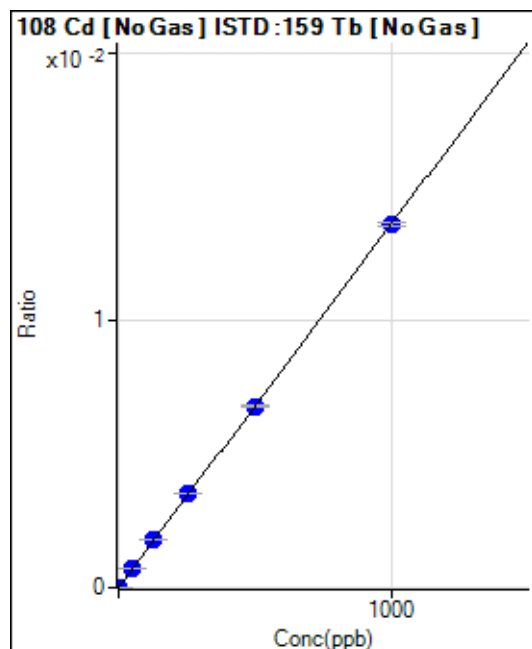
$$R = 1.0000$$

$$DL = 0.002517$$

$$BEC = 0.01321$$

Weight: <None>

Min Conc: 0



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	18.06	0.0000	P	36.1
2	☐	1.000	1.010	309.73	0.0000	P	8.7
3	☐	50.000	53.044	15294.62	0.0007	P	3.6
4	☐	125.000	133.711	38151.49	0.0018	P	1.1
5	☐	250.000	259.217	74617.36	0.0035	P	1.2
6	☐	500.000	498.784	143116.98	0.0068	P	0.6
7	☐	1000.000	997.063	286056.78	0.0136	P	0.9
8	☐			101.39	0.0000	P	12.7

$$y = 1.3593\text{E-}005 * x + 8.2772\text{E-}007$$

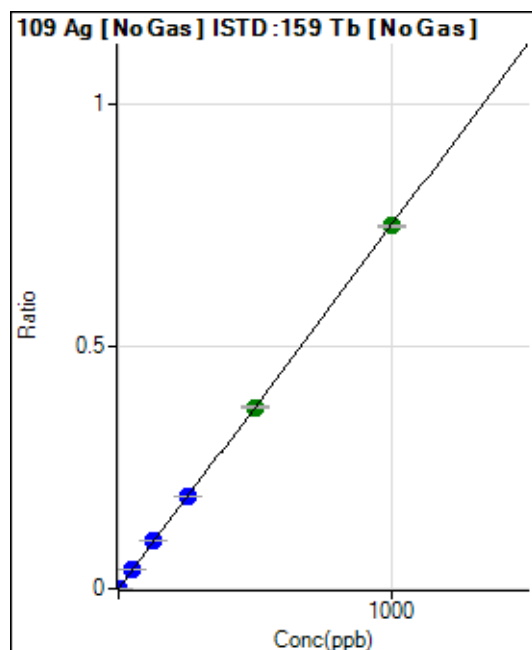
$$R = 0.9999$$

$$DL = 0.06596$$

$$BEC = 0.06089$$

Weight: <None>

Min Conc: 0



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	63.89	0.0000	P	20.4
2	☐	1.000	2.563	41046.81	0.0019	P	0.4
3	☐	50.000	53.859	857987.90	0.0405	P	0.1
4	☐	125.000	133.699	2108935.11	0.1005	P	1.0
5	☐	250.000	254.980	4058675.96	0.1917	P	0.2
6	☐	500.000	499.564	7927169.88	0.3756	A	0.4
7	☐	1000.000	997.691	15830942.54	0.7501	A	0.6
8	☐			1525.14	0.0001	P	4.2

$$y = 7.5185\text{E-}004 * x + 2.9253\text{E-}006$$

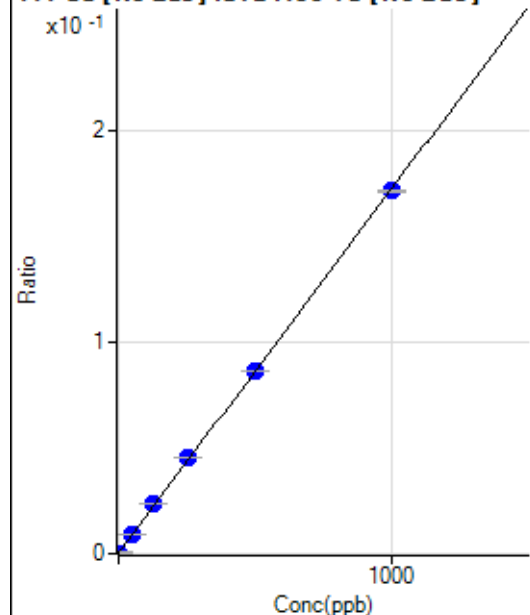
$$R = 1.0000$$

$$DL = 0.002378$$

$$BEC = 0.003891$$

Weight: <None>

Min Conc: 0

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

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	5421.25	0.0002	P	2.8
2	☐	1.000	1.185	9619.18	0.0005	P	1.7
3	☐	50.000	53.847	201815.53	0.0095	P	0.3
4	☐	125.000	135.690	495694.35	0.0236	P	0.5
5	☐	250.000	262.817	963936.70	0.0455	P	0.8
6	☐	500.000	500.728	1826060.93	0.0865	P	0.2
7	☐	1000.000	994.903	3622981.07	0.1717	P	0.6
8	☐			6203.07	0.0003	P	1.4

$$y = 1.7229\text{E-}004 * x + 2.4806\text{E-}004$$

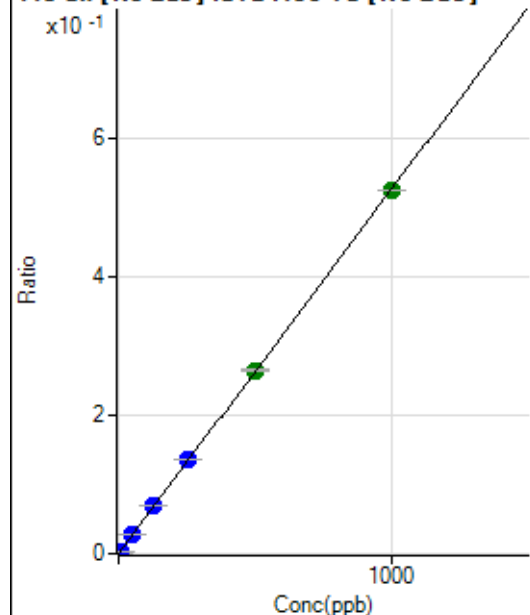
$$R = 0.9999$$

$$DL = 0.1195$$

$$BEC = 1.44$$

Weight: <None>

Min Conc: 0

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

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	1950.21	0.0001	P	13.8
2	☐	5.000	5.409	62338.94	0.0029	P	2.0
3	☐	50.000	52.063	581317.54	0.0274	P	0.4
4	☐	125.000	131.949	1456078.98	0.0694	P	0.4
5	☐	250.000	256.916	2858997.52	0.1350	P	0.4
6	☐	500.000	503.374	5582482.07	0.2645	A	0.5
7	☐	1000.000	995.610	11039689.31	0.5231	A	0.1
8	☐			6376.72	0.0003	P	3.1

$$y = 5.2530\text{E-}004 * x + 8.9159\text{E-}005$$

$$R = 1.0000$$

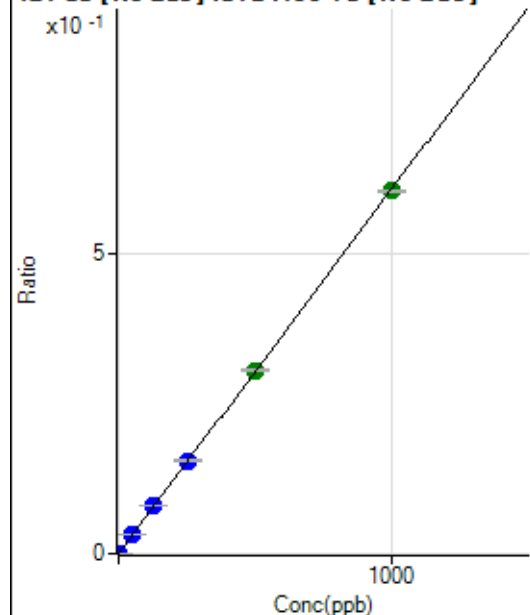
$$DL = 0.0705$$

$$BEC = 0.1697$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	263.90	0.0000	P	24.9
2	☐	2.000	2.008	26119.46	0.0012	P	1.4
3	☐	50.000	51.299	658409.66	0.0311	P	0.4
4	☐	125.000	131.016	1664764.49	0.0794	P	0.7
5	☐	250.000	255.867	3280504.82	0.1550	P	0.5
6	☐	500.000	503.798	6439017.16	0.3051	A	0.5
7	☐	1000.000	995.817	12727206.27	0.6030	A	0.2
8	☐			14043.69	0.0007	P	7.5

$$y = 6.0557\text{E-}004 * x + 1.2091\text{E-}005$$

$$R = 1.0000$$

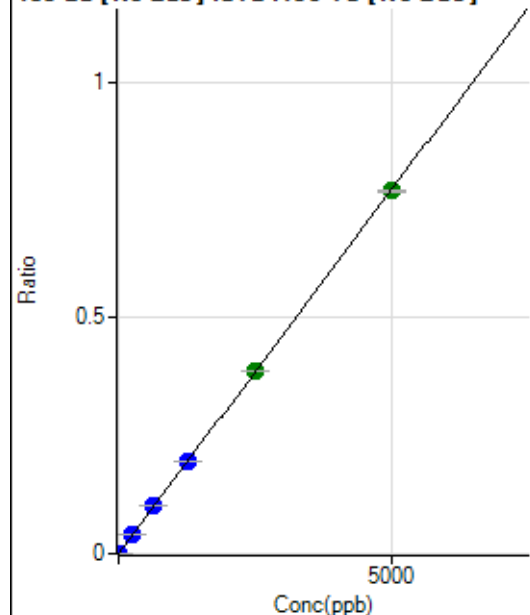
$$DL = 0.01494$$

$$BEC = 0.01997$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	75.00	0.0000	P	50.5
2	☐	10.000	10.391	34170.60	0.0016	P	2.8
3	☐	250.000	259.820	849294.45	0.0401	P	0.3
4	☐	625.000	652.548	2112193.04	0.1007	P	0.4
5	☐	1250.000	1269.436	4146111.77	0.1958	P	0.6
6	☐	2500.000	2514.231	8186228.92	0.3879	A	0.3
7	☐	5000.000	4984.091	16227497.41	0.7689	A	0.6
8	☐			2703.15	0.0001	P	2.0

$$y = 1.5427\text{E-}004 * x + 3.4285\text{E-}006$$

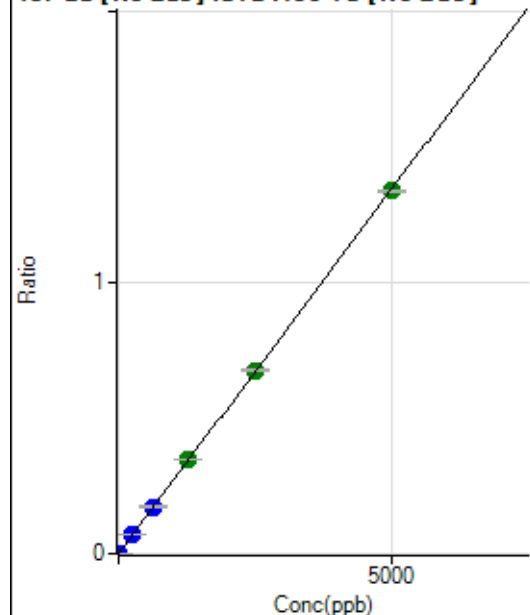
$$R = 1.0000$$

$$DL = 0.03364$$

$$BEC = 0.02222$$

Weight: <None>

Min Conc: 0

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	119.45	0.0000	P	44.6
2	☐	10.000	10.480	60013.87	0.0028	P	1.0
3	☐	250.000	258.591	1472231.14	0.0695	P	0.8
4	☐	625.000	646.033	3641973.13	0.1736	P	0.7
5	☐	1250.000	1287.635	7324405.89	0.3460	A	0.9
6	☐	2500.000	2516.881	14272780.70	0.6763	A	0.6
7	☐	5000.000	4979.091	28235738.83	1.3379	A	0.3
8	☐			4631.54	0.0002	P	7.2

$$y = 2.6869E-004 * x + 5.4640E-006$$

$$R = 1.0000$$

$$DL = 0.02724$$

$$BEC = 0.02034$$

Weight: <None>

Min Conc: 0

150 Nd [No Gas] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐			11.11		P	91.7
2	☐			8.89		P	86.6
3	☐			62.23		P	22.3
4	☐			182.23		P	18.4
5	☐			346.68		P	10.2
6	☐			660.04		P	4.4
7	☐			1233.43		P	4.8
8	☐			128.89		P	3.0

150 Nd [He] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			4.44		P	114.
2	☐			8.89		P	21.6
3	☐			12.22		P	31.5
4	☐			25.56		P	49.4
5	☐			41.11		P	46.8
6	☐			57.78		P	12.0
7	☐			106.67		P	14.3
8	☐			65.55		P	16.3

156 Dy [No Gas] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			25.00		P	33.3
2	☐			41.67		P	91.7
3	☐			33.34		P	43.3
4	☐			80.56		P	31.6
5	☐			100.01		P	28.9
6	☐			141.67		P	17.6
7	☐			308.35		P	18.7
8	☐			105.56		P	4.6

156 Dy [He] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			28.89		P	17.6
2	☐			36.67		P	9.1
3	☐			40.00		P	36.3
4	☐			62.22		P	8.2
5	☐			103.34		P	6.4
6	☐			166.67		P	12.5
7	☐			344.45		P	5.0
8	☐			55.56		P	3.5

160 Gd [No Gas] Noavailable calibration poin_

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			122.23		P	28.4
2	☐			147.23		P	14.2
3	☐			166.67		P	10.0
4	☐			163.90		P	24.0
5	☐			161.12		P	11.9
6	☐			205.57		P	33.8
7	☐			227.79		P	14.8
8	☐			175.01		P	9.5

160 Gd [He] No available calibration points

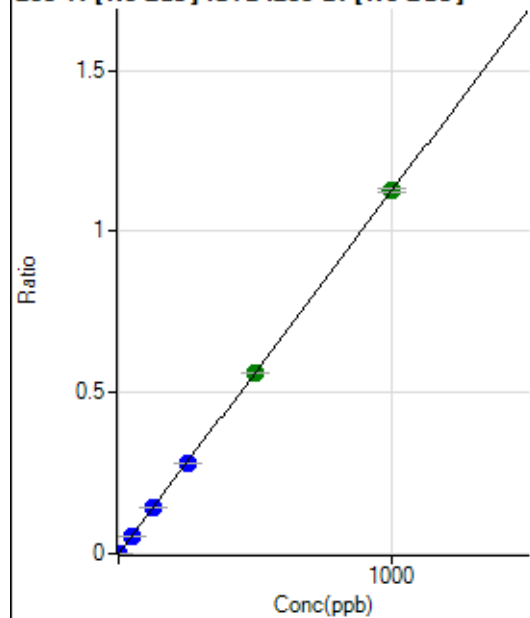
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			338.90		P	4.6
2	☐			298.90		P	17.4
3	☐			275.56		P	21.1
4	☐			302.23		P	10.2
5	☐			342.23		P	18.5
6	☐			312.23		P	9.9
7	☐			257.78		P	8.6
8	☐			316.68		P	7.9

164 Er [No Gas] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			116.67		P	14.3
2	☐			119.45		P	21.3
3	☐			122.23		P	3.9
4	☐			147.23		P	25.5
5	☐			147.23		P	8.6
6	☐			116.67		P	24.7
7	☐			177.79		P	13.5
8	☐			163.90		P	32.7

164 Er [He] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			80.00		P	22.1
2	☐			57.78		P	13.3
3	☐			85.56		P	4.5
4	☐			71.11		P	7.2
5	☐			77.78		P	15.0
6	☐			92.23		P	11.0
7	☐			112.23		P	13.7
8	☐			91.11		P	15.2

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	855.62	0.0001	P	7.8
2	☐	1.000	0.946	14358.28	0.0011	P	4.1
3	☐	50.000	49.271	701281.59	0.0555	P	0.4
4	☐	125.000	126.893	1778146.68	0.1427	P	0.9
5	☐	250.000	248.609	3472943.30	0.2796	P	1.2
6	☐	500.000	498.578	6810918.99	0.5607	A	0.5
7	☐	1000.000	1000.859	13337684.85	1.1255	A	1.0
8	☐			2967.14	0.0003	P	4.1

$$y = 0.0011 * x + 6.5215E-005$$

$$R = 1.0000$$

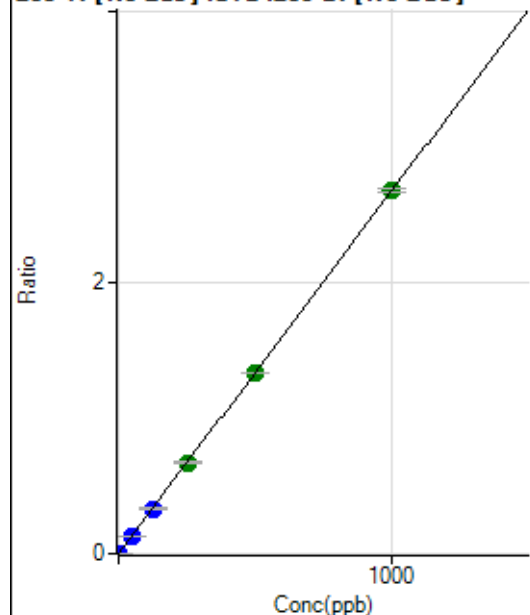
$$DL = 0.01362$$

$$BEC = 0.058$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	1177.88	0.0001	P	0.8
2	☐	1.000	0.968	34047.50	0.0027	P	2.4
3	☐	50.000	49.454	1671345.73	0.1322	P	0.5
4	☐	125.000	124.330	4138199.79	0.3322	P	0.7
5	☐	250.000	251.712	8352235.78	0.6725	A	0.9
6	☐	500.000	498.001	16160322.06	1.3304	A	0.3
7	☐	1000.000	1000.683	31678968.42	2.6732	A	1.1
8	☐			6560.29	0.0007	P	11.6

$$y = 0.0027 * x + 8.9815E-005$$

$$R = 1.0000$$

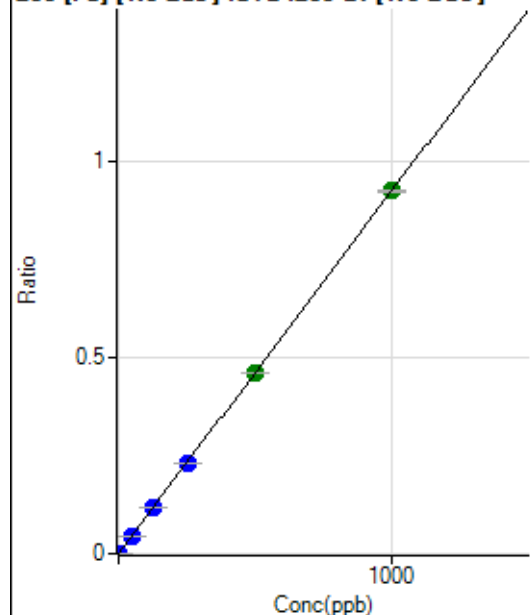
$$DL = 0.0007903$$

$$BEC = 0.03362$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	1648.30	0.0001	P	1.0
2	☐	1.000	0.926	12476.50	0.0010	P	0.7
3	☐	50.000	49.208	575955.70	0.0456	P	0.7
4	☐	125.000	126.413	1455342.23	0.1168	P	0.7
5	☐	250.000	248.088	2846433.48	0.2292	P	0.9
6	☐	500.000	498.759	5594872.58	0.4606	A	0.6
7	☐	1000.000	1000.962	10953122.35	0.9242	A	0.4
8	☐			37378.87	0.0037	P	0.5

$$y = 9.2323E-004 * x + 1.2569E-004$$

$$R = 1.0000$$

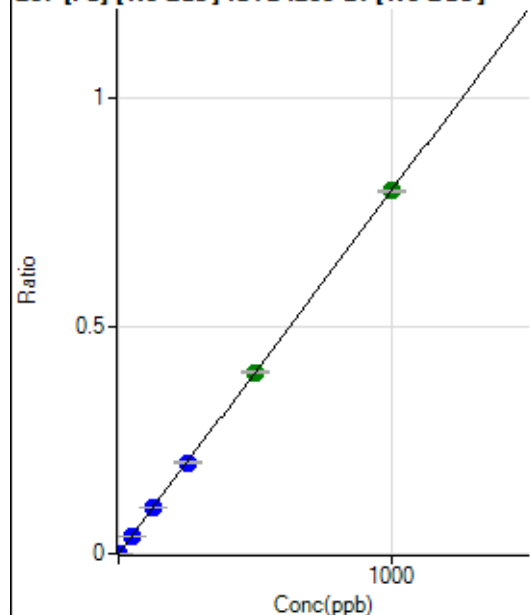
$$DL = 0.004086$$

$$BEC = 0.1361$$

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	1448.27	0.0001	P	8.5
2	☐	1.000	0.928	10823.25	0.0009	P	0.2
3	☐	50.000	49.552	500791.86	0.0396	P	1.7
4	☐	125.000	126.626	1258795.75	0.1011	P	0.3
5	☐	250.000	250.835	2485039.93	0.2001	P	0.9
6	☐	500.000	499.725	4840339.17	0.3985	A	0.4
7	☐	1000.000	999.748	9446187.71	0.7971	A	0.2
8	☐			32560.94	0.0033	P	2.4

$$y = 7.9717E-004 * x + 1.1046E-004$$

$$R = 1.0000$$

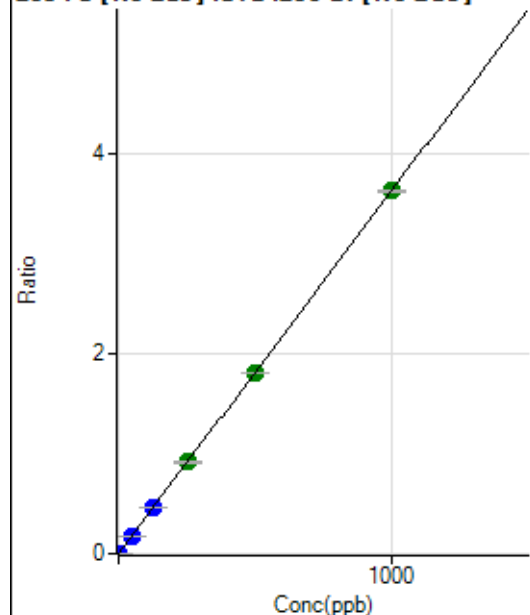
$$DL = 0.03519$$

$$BEC = 0.1386$$

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	6009.93	0.0005	P	2.6
2	☐	1.000	0.940	49273.86	0.0039	P	0.8
3	☐	50.000	49.705	2289052.55	0.1811	P	1.1
4	☐	125.000	126.234	5719002.57	0.4591	P	0.6
5	☐	250.000	251.706	11365000.11	0.9150	A	0.5
6	☐	500.000	499.070	22031837.36	1.8138	A	0.6
7	☐	1000.000	999.899	43060212.19	3.6335	A	0.2
8	☐			147402.26	0.0147	P	1.1

$$y = 0.0036 * x + 4.5823E-004$$

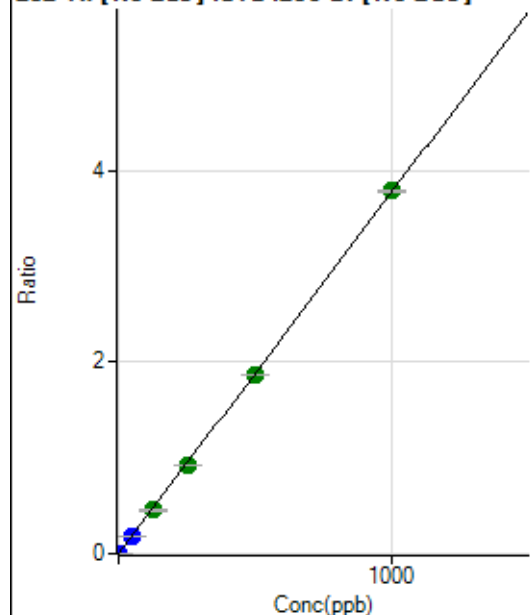
$$R = 1.0000$$

$$DL = 0.009744$$

$$BEC = 0.1261$$

Weight: <None>

Min Conc: 0

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	2365.11	0.0002	P	1.3
2	☐	1.000	0.845	42836.18	0.0034	P	2.4
3	☐	50.000	46.391	2213570.17	0.1751	P	0.8
4	☐	125.000	120.021	5639194.63	0.4527	A	0.5
5	☐	250.000	246.275	11534870.51	0.9287	A	0.3
6	☐	500.000	494.554	22651479.67	1.8647	A	0.3
7	☐	1000.000	1004.457	44881372.30	3.7872	A	0.6
8	☐			10343.26	0.0010	P	0.9

$$y = 0.0038 * x + 1.8037E-004$$

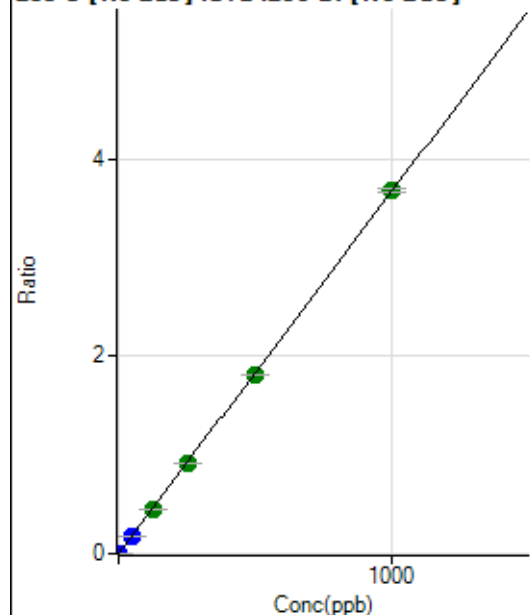
$$R = 1.0000$$

$$DL = 0.001805$$

$$BEC = 0.04784$$

Weight: <None>

Min Conc: 0

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	2403.10	0.0002	P	9.2
2	☐	1.000	0.921	45328.23	0.0036	P	1.8
3	☐	50.000	47.555	2209288.64	0.1747	P	1.3
4	☐	125.000	121.357	5551619.61	0.4457	A	0.2
5	☐	250.000	250.892	11441138.80	0.9211	A	0.4
6	☐	500.000	495.134	22080166.29	1.8177	A	0.7
7	☐	1000.000	1002.788	43625028.75	3.6812	A	0.9
8	☐			5209.59	0.0005	P	10.3

$$y = 0.0037 * x + 1.8333E-004$$

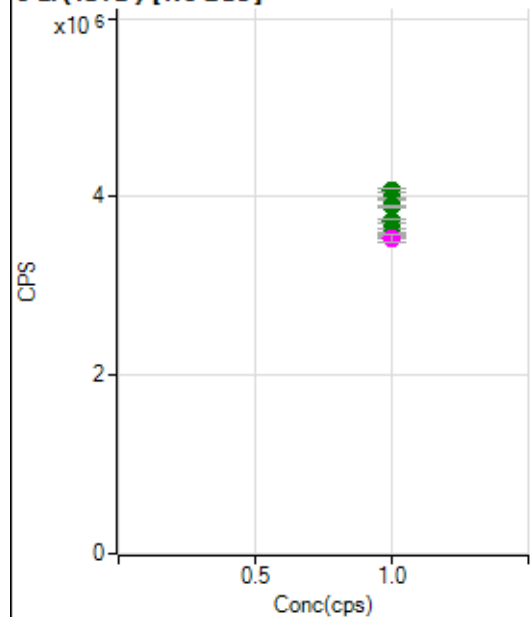
$$R = 1.0000$$

$$DL = 0.01384$$

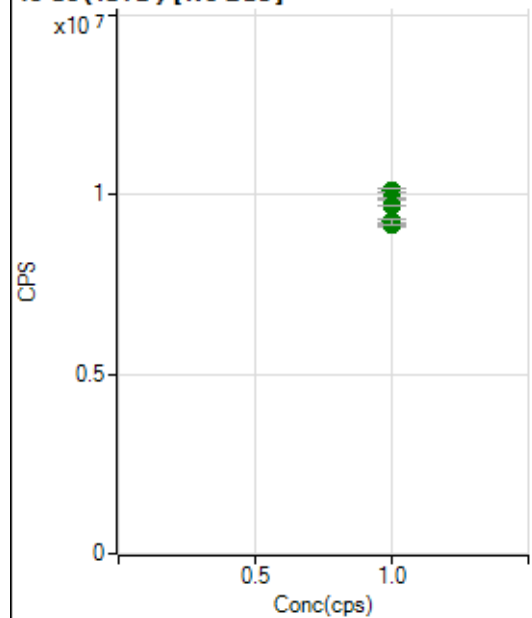
$$BEC = 0.04994$$

Weight: <None>

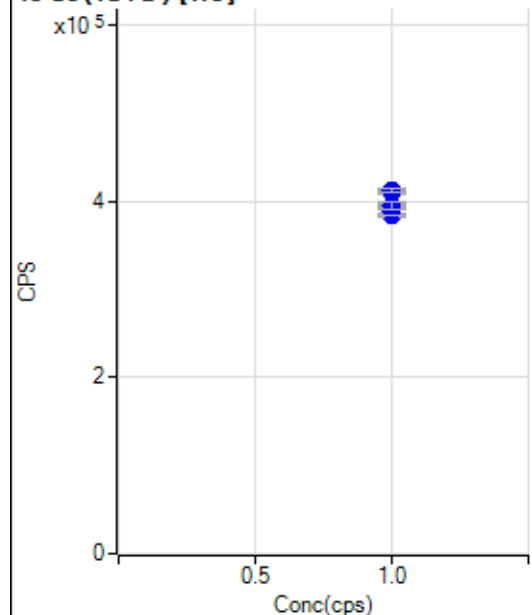
Min Conc: 0

6 Li (ISTD) [No Gas]

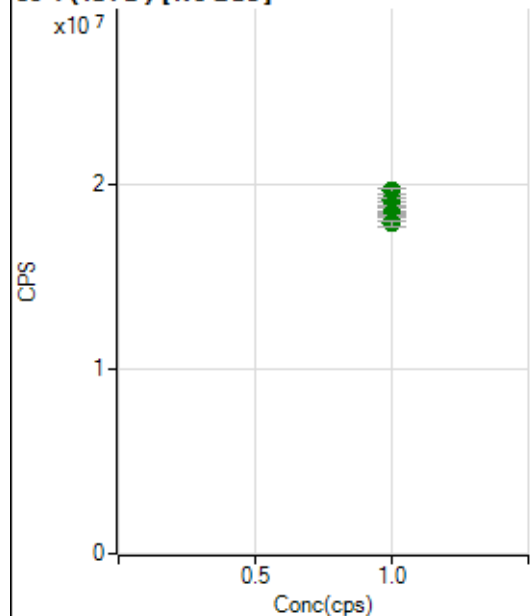
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		4067450.25		A	1.2
2	☐	1.000		3980220.15		A	0.5
3	☐	1.000		3896041.47		A	0.4
4	☐	1.000		3733348.07		A	1.3
5	☐	1.000		3638333.18		A	0.2
6	☐	1.000		3579992.38		A	0.7
7	☐	1.000		3545931.06		A	0.3
8	☐	1.000		3534545.16		M	2.4

45 Sc (ISTD) [No Gas]

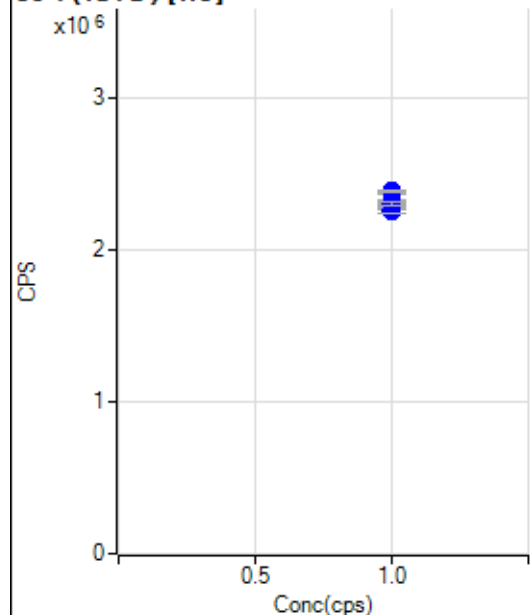
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		10092657.78		A	1.1
2	☐	1.000		9880523.66		A	0.2
3	☐	1.000		9678927.65		A	0.4
4	☐	1.000		9256127.64		A	1.3
5	☐	1.000		9144096.82		A	0.6
6	☐	1.000		9143262.44		A	0.4
7	☐	1.000		9255050.64		A	0.8
8	☐	1.000		9241112.01		A	1.9

45 Sc (ISTD) [He]

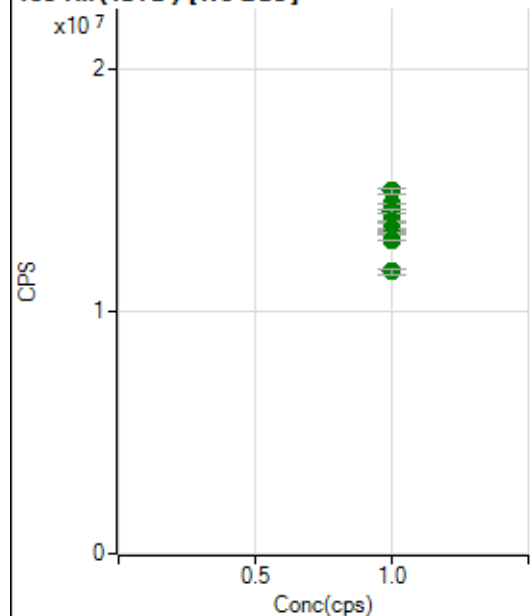
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		409338.01		P	1.2
2	☐	1.000		411457.29		P	0.9
3	☐	1.000		395655.66		P	0.7
4	☐	1.000		383893.06		P	0.6
5	☐	1.000		388410.78		P	1.2
6	☐	1.000		390252.46		P	0.0
7	☐	1.000		387900.38		P	2.5
8	☐	1.000		394993.64		P	1.8

89 Y (ISTD) [No Gas]

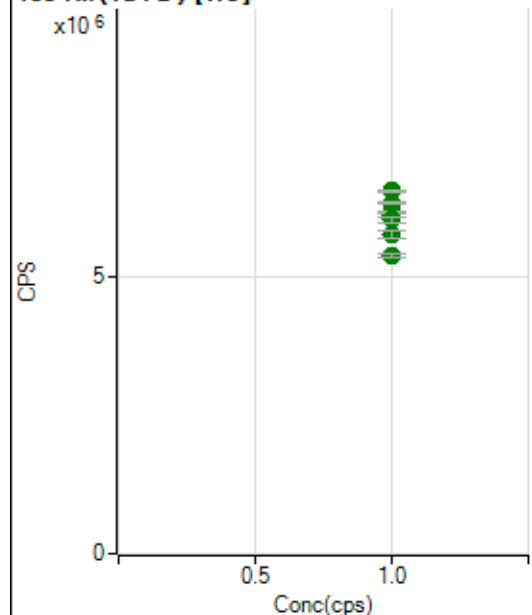
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		19684134.71		A	1.4
2	☐	1.000		19170148.33		A	0.9
3	☐	1.000		18855103.89		A	0.6
4	☐	1.000		18425468.47		A	1.2
5	☐	1.000		18366282.22		A	0.9
6	☐	1.000		18303735.14		A	0.9
7	☐	1.000		18343572.09		A	0.6
8	☐	1.000		17904819.59		A	1.8

89 Y(ISTD) [He]

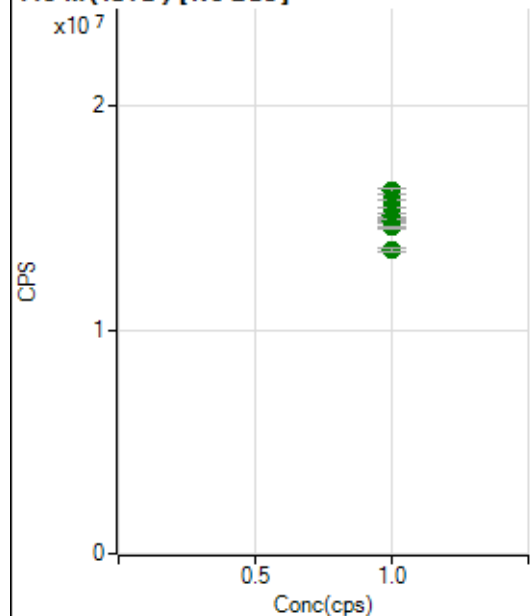
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		2374360.76		P	0.6
2	☐	1.000		2390224.56		P	0.3
3	☐	1.000		2322147.95		P	0.7
4	☐	1.000		2259073.27		P	1.2
5	☐	1.000		2295860.97		P	1.1
6	☐	1.000		2312394.37		P	1.3
7	☐	1.000		2268583.63		P	2.7
8	☐	1.000		2307724.22		P	1.4

103 Rh(ISTD) [No Gas]

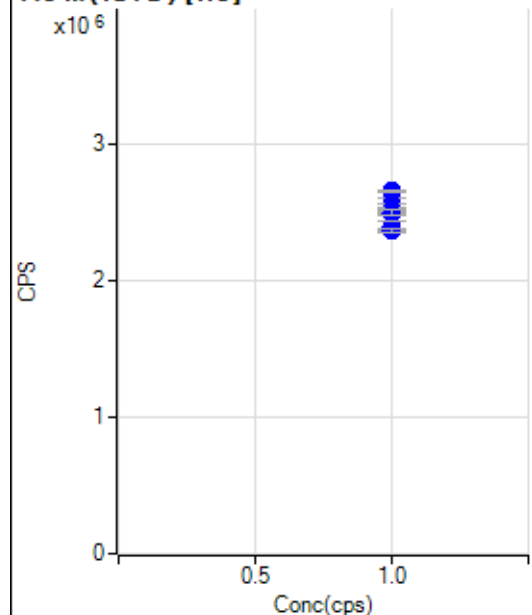
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		14982926.72		A	1.4
2	☐	1.000		14477812.13		A	0.1
3	☐	1.000		14119603.27		A	0.8
4	☐	1.000		13699787.28		A	0.6
5	☐	1.000		13401562.45		A	0.4
6	☐	1.000		13216477.73		A	1.1
7	☐	1.000		12966221.99		A	0.3
8	☐	1.000		11643527.78		A	1.9

103 Rh (ISTD) [He]

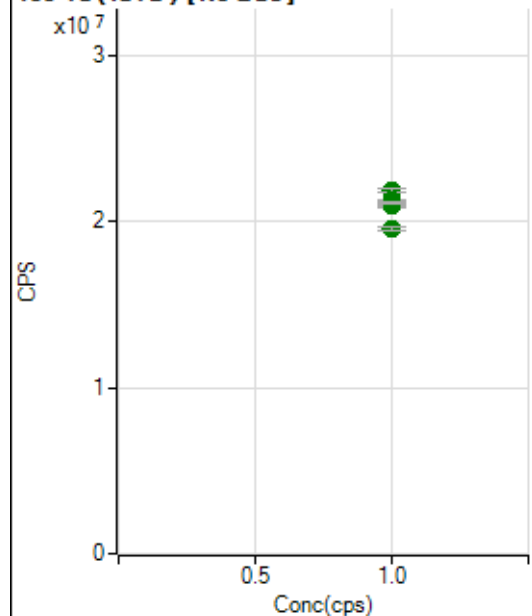
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		6340062.61		A	0.2
2	☐	1.000		6554445.73		A	0.5
3	☐	1.000		6328769.56		A	0.4
4	☐	1.000		6126219.70		A	1.2
5	☐	1.000		6151981.79		A	0.7
6	☐	1.000		6034961.30		A	1.5
7	☐	1.000		5759618.53		A	2.8
8	☐	1.000		5382909.16		A	0.9

115 In (ISTD) [No Gas]

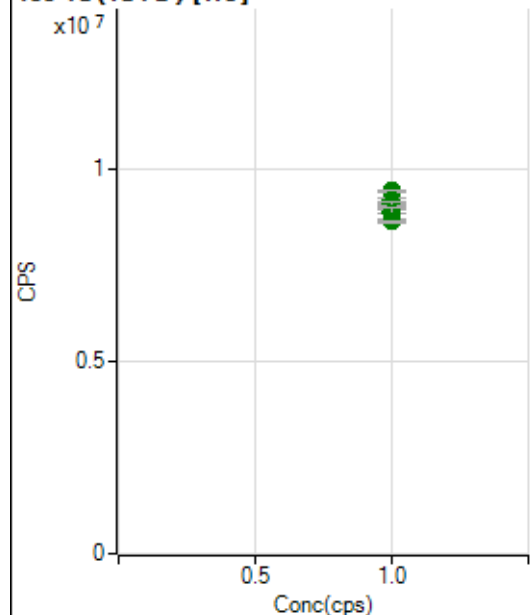
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		16201472.76		A	1.2
2	☐	1.000		15803234.27		A	0.2
3	☐	1.000		15460135.67		A	0.1
4	☐	1.000		15072819.89		A	1.2
5	☐	1.000		14947057.33		A	0.9
6	☐	1.000		14856249.00		A	0.8
7	☐	1.000		14571413.40		A	0.8
8	☐	1.000		13588450.63		A	1.6

115 In (ISTD) [He]

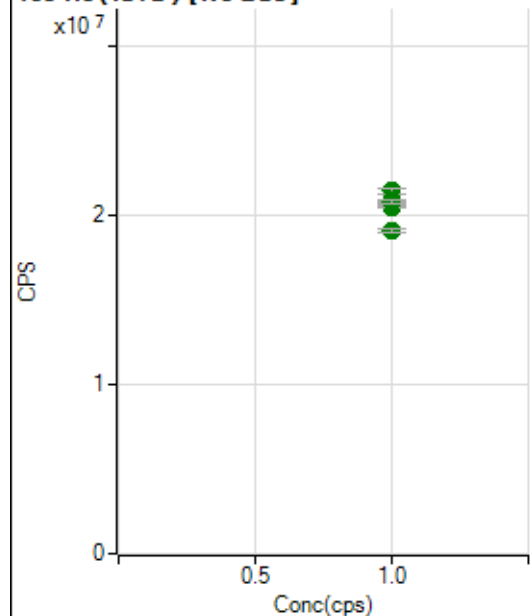
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		2600343.16		P	0.2
2	☐	1.000		2655474.40		P	0.7
3	☐	1.000		2560592.61		P	0.4
4	☐	1.000		2493661.86		P	0.8
5	☐	1.000		2512606.86		P	1.8
6	☐	1.000		2497078.66		P	1.4
7	☐	1.000		2399752.70		P	2.8
8	☐	1.000		2366232.24		P	1.5

159 Tb (ISTD) [No Gas]

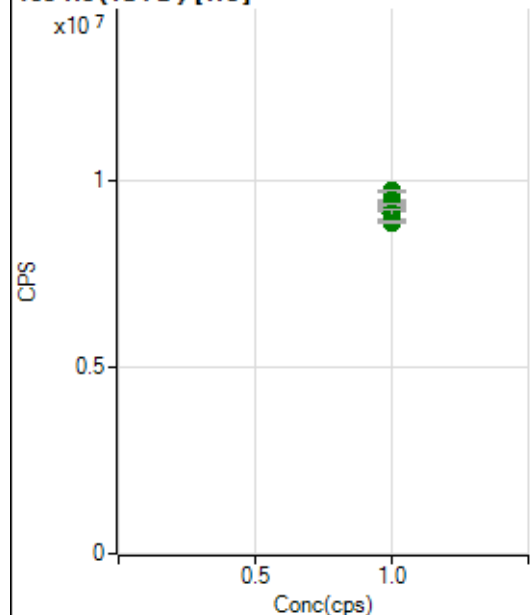
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		21852278.56		A	1.1
2	☐	1.000		21270418.71		A	0.5
3	☐	1.000		21186667.19		A	0.6
4	☐	1.000		20981156.91		A	1.5
5	☐	1.000		21170791.63		A	0.9
6	☐	1.000		21105545.24		A	0.9
7	☐	1.000		21104982.47		A	0.5
8	☐	1.000		19550573.32		A	1.1

159 Tb (ISTD) [He]

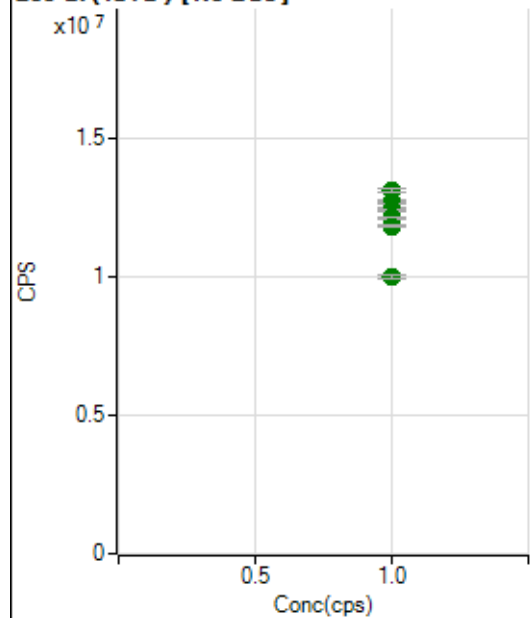
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		9444620.07		A	0.5
2	☐	1.000		9212738.47		A	0.7
3	☐	1.000		9031396.18		A	0.4
4	☐	1.000		8916275.77		A	1.1
5	☐	1.000		9089912.43		A	0.4
6	☐	1.000		9111023.34		A	0.8
7	☐	1.000		8879349.52		A	3.3
8	☐	1.000		8638878.14		A	0.4

165 Ho (ISTD) [No Gas]

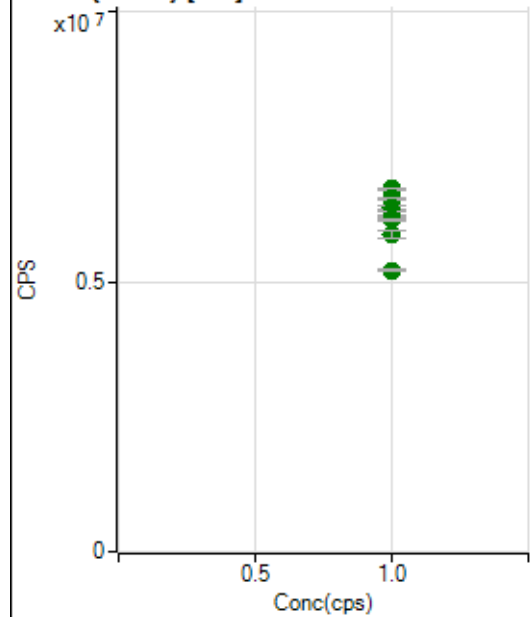
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		21444175.83		A	1.4
2	☐	1.000		20873050.12		A	0.8
3	☐	1.000		20766283.97		A	0.2
4	☐	1.000		20502224.42		A	0.9
5	☐	1.000		20799442.65		A	0.6
6	☐	1.000		20778167.82		A	0.7
7	☐	1.000		20804674.94		A	0.9
8	☐	1.000		19144729.77		A	1.2

165 Ho (ISTD) [He]

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		9722811.32		A	0.8
2	☐	1.000		9482277.57		A	0.2
3	☐	1.000		9296332.36		A	0.6
4	☐	1.000		9195300.42		A	0.9
5	☐	1.000		9385313.47		A	0.6
6	☐	1.000		9357990.62		A	0.3
7	☐	1.000		9108615.84		A	2.8
8	☐	1.000		8881599.52		A	0.9

209 Bi (ISTD) [No Gas]

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		13113910.64		A	1.1
2	☐	1.000		12725244.12		A	0.6
3	☐	1.000		12643113.42		A	0.4
4	☐	1.000		12457095.65		A	1.0
5	☐	1.000		12420738.56		A	0.8
6	☐	1.000		12147433.29		A	0.8
7	☐	1.000		11851119.82		A	0.5
8	☐	1.000		10016612.21		A	1.1

209 Bi (ISTD) [He]

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		6715861.78		A	0.9
2	☐	1.000		6537454.00		A	0.4
3	☐	1.000		6371963.44		A	0.6
4	☐	1.000		6208227.75		A	0.8
5	☐	1.000		6301691.71		A	0.4
6	☐	1.000		6140457.97		A	0.4
7	☐	1.000		5872169.22		A	2.6
8	☐	1.000		5206153.15		A	0.9

US EPA Tune Check Sample Report

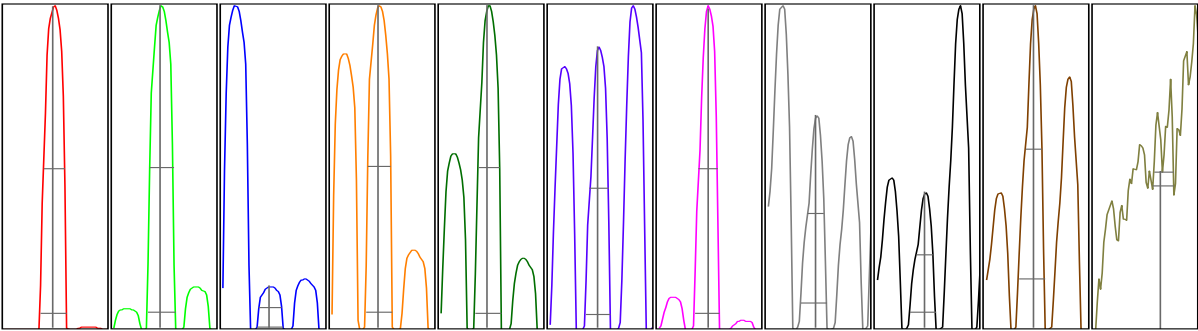
Batch Folder D:\ICP-MS Data\P7121219MS1.b
Report Comment
Instrument Name G8403A JP14410463

[No Gas]

Mass	Count (Mean)	RSD% (Actual)	RSD% (Required)	RSD% (Flag)
9	13916	0.79	5.00	
24	1454124	1.08	5.00	
25	190494	1.02	5.00	
26	223701	0.87	5.00	
59	131388	0.93	5.00	
113	18404	0.96	5.00	
115	212482	1.22	5.00	
206	51651	0.79	5.00	
207	49467	0.68	5.00	
208	111455	0.87	5.00	
220	114	5.75		

Mass	Replicate 1 Count	Replicate 2 Count	Replicate 3 Count	Replicate 4 Count	Replicate 5 Count
9	14019	14015	13941	13836	13771
24	1471593	1466520	1455650	1442031	1434828
25	192674	192198	190485	188386	188726
26	225570	225658	223796	221521	221959
59	132666	132454	131481	129885	130453
113	18614	18547	18391	18264	18205
115	215258	214995	212023	210754	209381
206	52092	51976	51724	51321	51141
207	49439	49868	49744	49097	49189
208	112434	112395	111488	110336	110623
220	104	112	118	121	114

Integration Time [sec] = 0.1



Mass	Peak Height	Axis (Actual)	Axis (Required)	Axis (Flag)	Width-X% (Actual)	Width-X% (Required)	Width- X% (Flag)
9	23220	8.95	8.9 - 9.1		0.776	0.900	
24	2315560	23.90	23.9 - 24.1		0.825	0.900	
25	305501	24.90	24.9 - 25.1		0.750	0.900	
26	358640	25.90	25.9 - 26.1		0.783	0.900	
59	221670	58.90	58.9 - 59.1		0.781	0.900	
113	35274	112.95	112.9 - 113.1		0.731	0.900	
115	402997	115.00	114.9 - 115.1		0.731	0.900	
206	101210	205.95	205.9 - 206.1		0.749	0.900	
207	91765	206.95	206.9 - 207.1		0.744	0.900	
208	216734	207.95	207.9 - 208.1		0.750	0.900	
220	113	220.45	-		0.587		

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

Tune Parameters

Plasma Paramters

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

Lenses Parameters

ParameterName	Value	Unit	ParameterName	Value	Unit	ParameterName	Value	Unit
Extract 1	0.0	V	Omega Lens	7.4	V	Deflect	13.2	V
Extract 2	-135.0	V	Cell Entrance	-30	V	Plate Bias	-35	V
Omega Bias	-65	V	Cell Exit	-50	V			

Cell Parameters

ParameterName	Value	Unit	ParameterName	Value	Unit	ParameterName	Value	Unit
Use Gas	No		OctP Bias	-8.0	V	Energy Discrimination		5.0 V
He Flow	0.0	mL/min	OctP RF	190	V			

[He]

Mass	Count (Mean)	RSD% (Actual)	RSD% (Required)
59	32533	1.92	
89	455766	2.08	
205	39785	1.25	

Mass	Replicate 1 Count	Replicate 2 Count	Replicate 3 Count	Replicate 4 Count	Replicate 5 Count
59	32846	31433	32947	32786	32654
89	459688	438937	460233	461815	458159
205	39769	38929	40053	40079	40093

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	6.6	V	Deflect	1.8	V
Extract 2	-115.0	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 :	LB106731	Operator :	Jaswal
Lab Sample ID :	S0	Instrumnet Name :	P7
Client Sample ID :	S0	Dilution Factor :	1
Date & Time Acquired ::	2019-12-12 15:28:24	DataFile Name :	003CALB.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	0.06	0.01	-0.06	0.00	N/A	ppb
Antimony	121-1	0.00	0.01	0.00	0.00	N/A	ppb
Arsenic	75-1	0.05	-0.07	0.02	0.00	N/A	ppb
Barium	135-1	-0.01	0.00	0.01	0.00	N/A	ppb
Barium	137-1	-0.01	0.00	0.01	0.00	N/A	ppb
Beryllium	9-1	0.01	0.00	0.00	0.00	N/A	ppb
Bismuth	209-1				100		%
Bismuth	209-2				100		%
Boron	10-1	0.14	-0.04	-0.10	0.00	N/A	ppb
Boron	11-1	-0.05	-0.02	0.07	0.00	N/A	ppb
Cadmium	111-1	-0.04	-0.01	0.04	0.00	N/A	ppb
Cadmium	106-1	-0.48	-0.10	0.58	0.00	N/A	ppb
Cadmium	108-1	-0.02	0.02	-0.01	0.00	N/A	ppb
Calcium	43-1	-0.32	1.33	-1.01	0.00	N/A	ppb
Calcium	44-1	-0.07	-0.29	0.36	0.00	N/A	ppb
Chromium	52-1	0.01	0.00	-0.01	0.00	N/A	ppb
Cobalt	59-2	0.00	0.00	0.00	0.00	N/A	ppb
Copper	63-2	0.00	-0.01	0.00	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	-0.04	0.00	N/A	ppb
Iron	57-2	-0.13	-0.15	0.28	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	0.01	-0.01	0.00	0.00	N/A	ppb
Lead	208-1	0.00	0.00	0.00	0.00	N/A	ppb
Lithium	6-1				100		%
Magnesium	24-2	-0.18	-0.10	0.28	0.00	N/A	ppb

LB Number :	LB106731	Operator :	Jaswal
Lab Sample ID :	S0	Instrumnet Name :	P7
Client Sample ID :	S0	Dilution Factor :	1
Date & Time Acquired ::	2019-12-12 15:28:24	DataFile Name :	003CALB.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	0.01	-0.01	0.01	0.00	N/A	ppb
Molybdenum	94-1	-0.02	0.01	0.01	0.00	N/A	ppb
Molybdenum	95-1	0.00	0.00	0.01	0.00	N/A	ppb
Molybdenum	96-1	0.00	0.00	0.00	0.00	N/A	ppb
Molybdenum	97-1	-0.01	0.00	0.01	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	0.00	0.00	0.00	N/A	ppb
Phosphorus	31-2	-29.22	-28.71	-21.42	-26.45		ppb
Potassium	39-2	-1.56	0.32	1.24	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	-0.23	-0.22	0.45	0.00	N/A	ppb
Selenium	82-1	0.01	0.03	-0.04	0.00	N/A	ppb
Silicon	28-1	-0.16	0.27	-0.10	0.00	N/A	ppb
Silver	109-1	0.00	0.00	0.00	0.00	N/A	ppb
Silver	107-1	0.00	0.00	0.00	0.00	N/A	ppb
Sodium	23-2	-0.08	-0.62	0.69	0.00	N/A	ppb
Strontium	86-1	0.02	-0.02	0.00	0.00	N/A	ppb
Strontium	88-1	0.00	0.00	0.00	0.00	N/A	ppb
Sulfur	34-1	-86.22	-104.50	-161.88	-117.53		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	-0.03	0.02	0.00	N/A	ppb
Titanium	47-1	0.00	-0.01	0.01	0.00	N/A	ppb
Uranium	238-1	0.00	0.01	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 :	LB106731	Operator :	Jaswal
Lab Sample ID :	S0	Instrumnet Name :	P7
Client Sample ID :	S0	Dilution Factor :	1
Date & Time Acquired ::	2019-12-12 15:28:24	DataFile Name :	003CALB.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zinc	66-2	-0.05	-0.06	0.11	0.00	N/A	ppb
Zirconium	90-1	0.00	0.00	0.00	0.00	N/A	ppb
Zirconium	91-1	0.00	0.00	0.00	0.00	N/A	ppb

LB Number :	LB106731	Operator :	Jaswal
Lab Sample ID :	S2	Instrumnet Name :	P7
Client Sample ID :	S2	Dilution Factor :	1
Date & Time Acquired ::	2019-12-12 15:32:01	DataFile Name :	004CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	19.57	19.74	19.14	19.49	1.59	ppb
Antimony	121-1	2.04	1.99	2.00	2.01	1.42	ppb
Arsenic	75-1	0.95	0.80	0.98	0.91	10.37	ppb
Barium	135-1	10.52	10.06	10.60	10.39	2.82	ppb
Barium	137-1	10.59	10.40	10.45	10.48	0.96	ppb
Beryllium	9-1	1.02	1.04	1.06	1.04	2.14	ppb
Bismuth	209-1				97		%
Bismuth	209-2				97		%
Boron	10-1	23.61	23.81	25.24	24.22	3.67	ppb
Boron	11-1	24.71	24.45	25.29	24.82	1.73	ppb
Cadmium	111-1	1.24	1.16	1.16	1.18	3.85	ppb
Cadmium	106-1	2.93	2.53	2.28	2.58	12.51	ppb
Cadmium	108-1	1.12	0.98	0.94	1.01	9.20	ppb
Calcium	43-1	517.64	504.18	501.49	507.77	1.70	ppb
Calcium	44-1	510.81	514.22	514.55	513.20	0.40	ppb
Chromium	52-1	2.07	2.03	2.06	2.05	1.02	ppb
Cobalt	59-2	1.01	1.05	1.05	1.04	2.17	ppb
Copper	63-2	2.00	2.06	1.99	2.02	2.08	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				97		%
Holmium	165-2				98		%
Indium	115-1				98		%
Indium	115-2				102		%
Iron	56-2	56.27	56.28	55.04	55.86	1.28	ppb
Iron	57-2	56.23	62.81	55.53	58.19	6.91	ppb
Krypton	83-1						cps
Lead	206-1	0.92	0.93	0.92	0.93	0.83	ppb
Lead	207-1	0.93	0.93	0.93	0.93	0.22	ppb
Lead	208-1	0.94	0.95	0.93	0.94	0.96	ppb
Lithium	6-1				98		%
Magnesium	24-2	557.16	557.41	540.57	551.71	1.75	ppb

LB Number :	LB106731	Operator :	Jaswal
Lab Sample ID :	S2	Instrumnet Name :	P7
Client Sample ID :	S2	Dilution Factor :	1
Date & Time Acquired ::	2019-12-12 15:32:01	DataFile Name :	004CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	1.10	1.06	1.06	1.07	2.25	ppb
Molybdenum	94-1	5.04	5.01	4.98	5.01	0.61	ppb
Molybdenum	95-1	5.23	5.32	5.30	5.28	0.91	ppb
Molybdenum	96-1	5.32	5.19	5.24	5.25	1.23	ppb
Molybdenum	97-1	5.40	5.31	5.16	5.29	2.33	ppb
Molybdenum	98-1	5.27	5.35	5.28	5.30	0.78	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	1.09	1.11	1.11	1.10	0.97	ppb
Phosphorus	31-2	18.37	29.56	31.42	26.45	26.68	ppb
Potassium	39-2	509.35	522.65	510.05	514.02	1.46	ppb
Rhodium	103-1				97		%
Rhodium	103-2				103		%
Scandium	45-1				98		%
Scandium	45-2				101		%
Selenium	77-2	6.54	7.83	5.61	6.66	16.75	ppb
Selenium	78-2	6.23	5.81	6.18	6.07	3.84	ppb
Selenium	82-1	5.93	5.47	5.32	5.57	5.65	ppb
Silicon	28-1	10.32	10.67	10.67	10.55	1.93	ppb
Silver	109-1	2.57	2.55	2.57	2.56	0.36	ppb
Silver	107-1	2.57	2.60	2.55	2.57	0.87	ppb
Sodium	23-2	528.93	533.01	519.34	527.09	1.33	ppb
Strontium	86-1	0.96	1.06	1.05	1.02	5.46	ppb
Strontium	88-1	1.00	1.02	1.03	1.02	1.51	ppb
Sulfur	34-1	100.64	137.32	114.64	117.53	15.75	ppb
Terbium	159-1				97		%
Terbium	159-2				98		%
Thallium	203-1	0.90	0.99	0.95	0.95	4.31	ppb
Thallium	205-1	0.96	1.00	0.95	0.97	2.51	ppb
Thorium	232-1	0.86	0.85	0.82	0.85	2.51	ppb
Tin	118-1	5.53	5.37	5.32	5.41	2.04	ppb
Titanium	47-1	4.93	5.21	5.17	5.10	2.99	ppb
Uranium	238-1	0.92	0.94	0.90	0.92	1.93	ppb
Vanadium	51-2	5.27	5.28	5.39	5.31	1.26	ppb
Yttrium	89-1				97		%
Yttrium	89-2				101		%

LB Number :	LB106731	Operator :	Jaswal
Lab Sample ID :	S2	Instrumnet Name :	P7
Client Sample ID :	S2	Dilution Factor :	1
Date & Time Acquired ::	2019-12-12 15:32:01	DataFile Name :	004CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zinc	66-2	1.45	1.62	1.48	1.52	5.80	ppb
Zirconium	90-1	0.89	0.89	0.85	0.88	2.37	ppb
Zirconium	91-1	0.91	0.85	0.93	0.90	4.93	ppb

LB Number :	LB106731	Operator :	Jaswal
Lab Sample ID :	S3	Instrumnet Name :	P7
Client Sample ID :	S3	Dilution Factor :	1
Date & Time Acquired ::	2019-12-12 15:36:40	DataFile Name :	005CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	1027.42	1039.71	1020.66	1029.27	0.94	ppb
Antimony	121-1	51.50	51.09	51.30	51.30	0.40	ppb
Arsenic	75-1	53.80	53.00	54.08	53.63	1.05	ppb
Barium	135-1	259.12	259.80	260.53	259.82	0.27	ppb
Barium	137-1	256.33	259.67	259.77	258.59	0.76	ppb
Beryllium	9-1	52.66	52.40	52.98	52.68	0.55	ppb
Bismuth	209-1				96		%
Bismuth	209-2				95		%
Boron	10-1	50.86	50.95	51.83	51.21	1.05	ppb
Boron	11-1	50.57	49.59	50.38	50.18	1.03	ppb
Cadmium	111-1	54.00	53.73	53.81	53.85	0.26	ppb
Cadmium	106-1	54.15	55.68	54.38	54.74	1.51	ppb
Cadmium	108-1	51.04	53.26	54.83	53.04	3.58	ppb
Calcium	43-1	5348.27	5255.12	5300.53	5301.31	0.88	ppb
Calcium	44-1	5284.17	5287.10	5291.45	5287.57	0.07	ppb
Chromium	52-1	51.92	51.70	52.07	51.90	0.35	ppb
Cobalt	59-2	53.96	53.68	53.49	53.71	0.44	ppb
Copper	63-2	106.25	106.48	106.38	106.37	0.11	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				97		%
Holmium	165-2				96		%
Indium	115-1				95		%
Indium	115-2				98		%
Iron	56-2	2726.75	2743.53	2711.35	2727.21	0.59	ppb
Iron	57-2	2766.79	2769.83	2778.06	2771.56	0.21	ppb
Krypton	83-1						cps
Lead	206-1	48.86	49.54	49.23	49.21	0.69	ppb
Lead	207-1	48.65	50.34	49.67	49.55	1.72	ppb
Lead	208-1	49.08	50.19	49.85	49.71	1.15	ppb
Lithium	6-1				96		%
Magnesium	24-2	5442.60	5427.10	5372.47	5414.06	0.68	ppb

LB Number :	LB106731	Operator :	Jaswal
Lab Sample ID :	S3	Instrumnet Name :	P7
Client Sample ID :	S3	Dilution Factor :	1
Date & Time Acquired ::	2019-12-12 15:36:40	DataFile Name :	005CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	104.72	106.47	105.63	105.60	0.83	ppb
Molybdenum	94-1	252.38	251.83	254.00	252.74	0.45	ppb
Molybdenum	95-1	252.00	252.32	256.08	253.47	0.89	ppb
Molybdenum	96-1	250.75	250.51	254.71	251.99	0.94	ppb
Molybdenum	97-1	252.67	251.85	255.12	253.21	0.67	ppb
Molybdenum	98-1	250.85	252.89	254.49	252.75	0.72	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	54.83	54.75	53.85	54.48	1.00	ppb
Phosphorus	31-2	1010.25	1014.76	921.46	982.16	5.36	ppb
Potassium	39-2	2578.00	2569.74	2552.13	2566.62	0.51	ppb
Rhodium	103-1				94		%
Rhodium	103-2				100		%
Scandium	45-1				96		%
Scandium	45-2				97		%
Selenium	77-2	49.46	53.09	53.33	51.96	4.18	ppb
Selenium	78-2	52.38	53.02	52.76	52.72	0.62	ppb
Selenium	82-1	53.50	53.58	54.71	53.93	1.25	ppb
Silicon	28-1	56.18	56.42	57.28	56.62	1.02	ppb
Silver	109-1	53.83	53.86	53.89	53.86	0.06	ppb
Silver	107-1	53.84	53.62	54.45	53.97	0.80	ppb
Sodium	23-2	5318.44	5306.93	5270.66	5298.67	0.47	ppb
Strontium	86-1	52.34	51.52	52.59	52.15	1.07	ppb
Strontium	88-1	51.07	51.33	51.46	51.29	0.39	ppb
Sulfur	34-1	988.98	961.01	957.95	969.32	1.76	ppb
Terbium	159-1				97		%
Terbium	159-2				96		%
Thallium	203-1	49.47	49.12	49.23	49.27	0.36	ppb
Thallium	205-1	49.19	49.48	49.70	49.45	0.51	ppb
Thorium	232-1	45.99	46.55	46.64	46.39	0.76	ppb
Tin	118-1	52.24	52.12	51.83	52.06	0.40	ppb
Titanium	47-1	251.74	253.04	253.36	252.71	0.34	ppb
Uranium	238-1	46.84	48.03	47.80	47.56	1.33	ppb
Vanadium	51-2	50.97	51.91	51.04	51.31	1.02	ppb
Yttrium	89-1				96		%
Yttrium	89-2				98		%

LB Number :	LB106731	Operator :	Jaswal
Lab Sample ID :	S3	Instrumnet Name :	P7
Client Sample ID :	S3	Dilution Factor :	1
Date & Time Acquired ::	2019-12-12 15:36:40	DataFile Name :	005CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zinc	66-2	104.95	107.06	107.57	106.53	1.30	ppb
Zirconium	90-1	50.01	49.76	49.88	49.88	0.26	ppb
Zirconium	91-1	49.88	49.84	50.40	50.04	0.62	ppb

LB Number :	LB106731	Operator :	Jaswal
Lab Sample ID :	S4	Instrumnet Name :	P7
Client Sample ID :	S4	Dilution Factor :	1
Date & Time Acquired ::	2019-12-12 15:40:52	DataFile Name :	006CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	2608.26	2604.97	2601.69	2604.98	0.13	ppb
Antimony	121-1	130.01	131.18	131.87	131.02	0.72	ppb
Arsenic	75-1	134.06	135.58	134.97	134.87	0.57	ppb
Barium	135-1	651.23	651.03	655.38	652.55	0.38	ppb
Barium	137-1	642.99	644.00	651.11	646.03	0.68	ppb
Beryllium	9-1	132.09	133.60	133.17	132.95	0.59	ppb
Bismuth	209-1				95		%
Bismuth	209-2				92		%
Boron	10-1	127.94	127.96	133.58	129.83	2.50	ppb
Boron	11-1	126.70	126.86	128.02	127.20	0.57	ppb
Cadmium	111-1	134.97	136.15	135.95	135.69	0.46	ppb
Cadmium	106-1	132.83	134.13	133.13	133.36	0.51	ppb
Cadmium	108-1	133.49	132.40	135.24	133.71	1.07	ppb
Calcium	43-1	13389.27	13717.29	13450.66	13519.07	1.29	ppb
Calcium	44-1	13251.09	13448.92	13449.83	13383.28	0.86	ppb
Chromium	52-1	132.03	132.73	131.38	132.05	0.51	ppb
Cobalt	59-2	135.10	134.45	134.89	134.81	0.24	ppb
Copper	63-2	267.06	265.49	266.76	266.44	0.31	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				96		%
Holmium	165-2				95		%
Indium	115-1				93		%
Indium	115-2				96		%
Iron	56-2	6958.61	6910.15	6923.64	6930.80	0.36	ppb
Iron	57-2	7069.22	7026.27	6999.75	7031.75	0.50	ppb
Krypton	83-1						cps
Lead	206-1	125.49	126.43	127.32	126.41	0.72	ppb
Lead	207-1	126.25	127.11	126.52	126.63	0.35	ppb
Lead	208-1	125.34	126.79	126.57	126.23	0.62	ppb
Lithium	6-1				92		%
Magnesium	24-2	13616.43	13629.61	13765.91	13670.65	0.61	ppb

LB Number :	LB106731	Operator :	Jaswal
Lab Sample ID :	S4	Instrumnet Name :	P7
Client Sample ID :	S4	Dilution Factor :	1
Date & Time Acquired ::	2019-12-12 15:40:52	DataFile Name :	006CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	266.38	265.62	267.63	266.54	0.38	ppb
Molybdenum	94-1	632.16	640.17	645.05	639.13	1.02	ppb
Molybdenum	95-1	630.92	636.87	641.50	636.43	0.83	ppb
Molybdenum	96-1	635.17	638.82	637.75	637.25	0.29	ppb
Molybdenum	97-1	641.82	638.84	640.59	640.42	0.23	ppb
Molybdenum	98-1	639.74	634.22	635.99	636.65	0.44	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	136.06	136.47	135.12	135.89	0.51	ppb
Phosphorus	31-2	2580.99	2549.79	2722.06	2617.61	3.51	ppb
Potassium	39-2	6492.21	6424.71	6495.71	6470.88	0.62	ppb
Rhodium	103-1				91		%
Rhodium	103-2				97		%
Scandium	45-1				92		%
Scandium	45-2				94		%
Selenium	77-2	119.50	125.36	143.09	129.32	9.50	ppb
Selenium	78-2	133.56	137.45	132.79	134.60	1.86	ppb
Selenium	82-1	136.23	136.84	137.32	136.80	0.40	ppb
Silicon	28-1	135.84	136.39	136.11	136.11	0.20	ppb
Silver	109-1	132.36	133.85	134.89	133.70	0.95	ppb
Silver	107-1	132.80	133.10	134.72	133.54	0.77	ppb
Sodium	23-2	13323.38	13378.74	13446.98	13383.03	0.46	ppb
Strontium	86-1	132.82	132.85	132.72	132.80	0.05	ppb
Strontium	88-1	129.10	128.43	128.43	128.65	0.30	ppb
Sulfur	34-1	2530.48	2478.49	2352.84	2453.94	3.72	ppb
Terbium	159-1				96		%
Terbium	159-2				94		%
Thallium	203-1	125.75	126.93	128.00	126.89	0.89	ppb
Thallium	205-1	123.56	124.17	125.27	124.33	0.70	ppb
Thorium	232-1	120.27	119.39	120.40	120.02	0.46	ppb
Tin	118-1	131.38	132.26	132.20	131.95	0.37	ppb
Titanium	47-1	645.78	649.32	640.13	645.08	0.72	ppb
Uranium	238-1	121.53	121.02	121.52	121.36	0.24	ppb
Vanadium	51-2	130.49	129.76	129.78	130.01	0.32	ppb
Yttrium	89-1				94		%
Yttrium	89-2				95		%

LB Number :	LB106731	Operator :	Jaswal
Lab Sample ID :	S4	Instrumnet Name :	P7
Client Sample ID :	S4	Dilution Factor :	1
Date & Time Acquired ::	2019-12-12 15:40:52	DataFile Name :	006CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zinc	66-2	274.57	271.67	272.83	273.02	0.54	ppb
Zirconium	90-1	126.99	128.09	128.25	127.77	0.54	ppb
Zirconium	91-1	128.06	128.92	128.75	128.58	0.36	ppb

LB Number :	LB106731	Operator :	Jaswal
Lab Sample ID :	S5	Instrumnet Name :	P7
Client Sample ID :	S5	Dilution Factor :	1
Date & Time Acquired ::	2019-12-12 15:44:43	DataFile Name :	007CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	5194.06	5124.59	5189.44	5169.36	0.75	ppb
Antimony	121-1	257.05	254.33	256.23	255.87	0.55	ppb
Arsenic	75-1	265.29	264.38	269.21	266.29	0.96	ppb
Barium	135-1	1272.58	1260.86	1274.86	1269.44	0.59	ppb
Barium	137-1	1300.48	1284.01	1278.42	1287.64	0.89	ppb
Beryllium	9-1	265.06	263.84	265.68	264.86	0.35	ppb
Bismuth	209-1				95		%
Bismuth	209-2				94		%
Boron	10-1	252.57	258.29	255.75	255.54	1.12	ppb
Boron	11-1	252.77	258.14	261.92	257.61	1.79	ppb
Cadmium	111-1	261.79	261.40	265.26	262.82	0.81	ppb
Cadmium	106-1	259.34	262.16	262.33	261.28	0.64	ppb
Cadmium	108-1	259.59	256.00	262.06	259.22	1.18	ppb
Calcium	43-1	26873.78	27033.45	26989.40	26965.54	0.31	ppb
Calcium	44-1	26894.07	26857.60	26725.99	26825.89	0.33	ppb
Chromium	52-1	258.28	261.95	260.72	260.32	0.72	ppb
Cobalt	59-2	267.96	266.29	269.81	268.02	0.66	ppb
Copper	63-2	521.27	518.42	518.30	519.33	0.32	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				97		%
Holmium	165-2				97		%
Indium	115-1				92		%
Indium	115-2				97		%
Iron	56-2	13851.00	13700.78	13758.87	13770.21	0.55	ppb
Iron	57-2	13971.80	13869.82	13946.46	13929.36	0.38	ppb
Krypton	83-1						cps
Lead	206-1	245.50	249.19	249.58	248.09	0.91	ppb
Lead	207-1	248.40	251.03	253.08	250.83	0.94	ppb
Lead	208-1	250.38	252.24	252.50	251.71	0.46	ppb
Lithium	6-1				89		%
Magnesium	24-2	27500.30	27095.03	27377.78	27324.37	0.76	ppb

LB Number :	LB106731	Operator :	Jaswal
Lab Sample ID :	S5	Instrumnet Name :	P7
Client Sample ID :	S5	Dilution Factor :	1
Date & Time Acquired ::	2019-12-12 15:44:43	DataFile Name :	007CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	530.72	522.76	530.08	527.85	0.84	ppb
Molybdenum	94-1	1278.80	1277.87	1268.41	1275.03	0.45	ppb
Molybdenum	95-1	1275.53	1295.03	1269.07	1279.88	1.06	ppb
Molybdenum	96-1	1274.03	1282.01	1268.22	1274.75	0.54	ppb
Molybdenum	97-1	1274.97	1284.17	1278.29	1279.14	0.36	ppb
Molybdenum	98-1	1267.09	1278.84	1277.49	1274.47	0.50	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	270.36	265.53	266.99	267.63	0.93	ppb
Phosphorus	31-2	5100.05	5082.94	5155.55	5112.85	0.74	ppb
Potassium	39-2	12816.96	12670.99	12923.41	12803.79	0.99	ppb
Rhodium	103-1				89		%
Rhodium	103-2				97		%
Scandium	45-1				91		%
Scandium	45-2				95		%
Selenium	77-2	266.03	253.11	273.87	264.34	3.97	ppb
Selenium	78-2	269.70	263.45	259.66	264.27	1.92	ppb
Selenium	82-1	266.20	270.39	269.29	268.63	0.81	ppb
Silicon	28-1	263.73	267.76	268.72	266.74	0.99	ppb
Silver	109-1	254.96	254.52	255.46	254.98	0.19	ppb
Silver	107-1	256.99	253.88	256.63	255.83	0.66	ppb
Sodium	23-2	27049.29	26817.24	26836.27	26900.93	0.48	ppb
Strontium	86-1	260.15	263.69	262.99	262.28	0.71	ppb
Strontium	88-1	257.91	258.57	256.78	257.75	0.35	ppb
Sulfur	34-1	4752.60	4744.57	4719.65	4738.94	0.36	ppb
Terbium	159-1				97		%
Terbium	159-2				96		%
Thallium	203-1	245.32	250.66	249.84	248.61	1.16	ppb
Thallium	205-1	250.76	254.34	250.04	251.71	0.92	ppb
Thorium	232-1	245.67	246.95	246.20	246.28	0.26	ppb
Tin	118-1	257.96	255.89	256.89	256.92	0.40	ppb
Titanium	47-1	1272.54	1287.77	1280.38	1280.23	0.59	ppb
Uranium	238-1	250.29	251.94	250.44	250.89	0.36	ppb
Vanadium	51-2	259.81	257.73	259.17	258.90	0.41	ppb
Yttrium	89-1				93		%
Yttrium	89-2				97		%

LB Number :	LB106731	Operator :	Jaswal
Lab Sample ID :	S5	Instrumnet Name :	P7
Client Sample ID :	S5	Dilution Factor :	1
Date & Time Acquired ::	2019-12-12 15:44:43	DataFile Name :	007CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zinc	66-2	535.59	530.11	539.41	535.04	0.87	ppb
Zirconium	90-1	255.73	257.67	255.83	256.41	0.43	ppb
Zirconium	91-1	252.36	256.24	254.29	254.30	0.76	ppb

LB Number :	LB106731	Operator :	Jaswal
Lab Sample ID :	S6	Instrumnet Name :	P7
Client Sample ID :	S6	Dilution Factor :	1
Date & Time Acquired ::	2019-12-12 15:48:31	DataFile Name :	008CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	9947.20	10013.19	9989.86	9983.42	0.34	ppb
Antimony	121-1	506.42	504.05	500.93	503.80	0.55	ppb
Arsenic	75-1	514.18	511.68	508.35	511.40	0.57	ppb
Barium	135-1	2521.46	2516.11	2505.13	2514.23	0.33	ppb
Barium	137-1	2519.62	2531.33	2499.69	2516.88	0.64	ppb
Beryllium	9-1	504.18	514.73	504.55	507.82	1.18	ppb
Bismuth	209-1				93		%
Bismuth	209-2				91		%
Boron	10-1	485.49	508.28	494.92	496.23	2.31	ppb
Boron	11-1	488.12	503.85	499.26	497.08	1.63	ppb
Cadmium	111-1	501.80	499.65	500.73	500.73	0.21	ppb
Cadmium	106-1	501.34	491.01	488.47	493.61	1.38	ppb
Cadmium	108-1	496.56	501.99	497.80	498.78	0.57	ppb
Calcium	43-1	51968.25	51563.92	52123.85	51885.34	0.56	ppb
Calcium	44-1	52041.56	52082.90	52047.96	52057.47	0.04	ppb
Chromium	52-1	505.31	505.54	505.32	505.39	0.03	ppb
Cobalt	59-2	501.72	509.60	511.59	507.63	1.03	ppb
Copper	63-2	969.42	985.09	986.81	980.44	0.98	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				97		%
Holmium	165-2				96		%
Indium	115-1				92		%
Indium	115-2				96		%
Iron	56-2	26350.66	26668.15	26607.68	26542.16	0.64	ppb
Iron	57-2	26498.85	26672.78	26750.03	26640.55	0.48	ppb
Krypton	83-1						cps
Lead	206-1	498.81	501.69	495.78	498.76	0.59	ppb
Lead	207-1	500.36	501.28	497.54	499.72	0.39	ppb
Lead	208-1	500.98	500.79	495.44	499.07	0.63	ppb
Lithium	6-1				88		%
Magnesium	24-2	51996.30	52189.84	52569.98	52252.04	0.56	ppb

LB Number :	LB106731	Operator :	Jaswal
Lab Sample ID :	S6	Instrumnet Name :	P7
Client Sample ID :	S6	Dilution Factor :	1
Date & Time Acquired ::	2019-12-12 15:48:31	DataFile Name :	008CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	1007.40	1022.68	1021.56	1017.22	0.84	ppb
Molybdenum	94-1	2511.62	2517.01	2486.40	2505.01	0.65	ppb
Molybdenum	95-1	2517.09	2522.68	2485.04	2508.27	0.81	ppb
Molybdenum	96-1	2515.87	2522.84	2491.06	2509.92	0.67	ppb
Molybdenum	97-1	2506.32	2521.20	2491.14	2506.22	0.60	ppb
Molybdenum	98-1	2515.55	2517.10	2488.03	2506.89	0.65	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	504.05	514.50	511.69	510.08	1.06	ppb
Phosphorus	31-2	10080.88	10042.37	9935.17	10019.47	0.75	ppb
Potassium	39-2	24970.92	24727.70	24992.76	24897.13	0.59	ppb
Rhodium	103-1				88		%
Rhodium	103-2				95		%
Scandium	45-1				91		%
Scandium	45-2				95		%
Selenium	77-2	525.29	527.81	511.09	521.40	1.73	ppb
Selenium	78-2	497.28	505.68	507.05	503.34	1.05	ppb
Selenium	82-1	514.81	521.04	509.39	515.08	1.13	ppb
Silicon	28-1	507.40	507.20	515.98	510.19	0.98	ppb
Silver	109-1	499.10	501.53	498.06	499.56	0.36	ppb
Silver	107-1	503.22	498.94	496.08	499.41	0.72	ppb
Sodium	23-2	51456.30	51403.31	51584.97	51481.53	0.18	ppb
Strontium	86-1	508.45	509.89	507.43	508.59	0.24	ppb
Strontium	88-1	500.07	506.30	503.20	503.19	0.62	ppb
Sulfur	34-1	9822.89	9886.09	9968.59	9892.53	0.74	ppb
Terbium	159-1				97		%
Terbium	159-2				96		%
Thallium	203-1	500.57	495.74	499.43	498.58	0.51	ppb
Thallium	205-1	498.99	498.83	496.17	498.00	0.32	ppb
Thorium	232-1	495.76	495.19	492.72	494.55	0.33	ppb
Tin	118-1	504.42	505.45	500.26	503.37	0.55	ppb
Titanium	47-1	2514.55	2512.06	2514.41	2513.67	0.06	ppb
Uranium	238-1	492.86	498.93	493.62	495.13	0.67	ppb
Vanadium	51-2	500.05	503.90	504.74	502.89	0.50	ppb
Yttrium	89-1				93		%
Yttrium	89-2				97		%

LB Number :	LB106731	Operator :	Jaswal
Lab Sample ID :	S6	Instrumnet Name :	P7
Client Sample ID :	S6	Dilution Factor :	1
Date & Time Acquired ::	2019-12-12 15:48:31	DataFile Name :	008CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zinc	66-2	1007.72	1019.87	1012.81	1013.47	0.60	ppb
Zirconium	90-1	502.44	502.17	497.12	500.57	0.60	ppb
Zirconium	91-1	491.04	501.14	492.54	494.91	1.10	ppb

LB Number :	LB106731	Operator :	Jaswal
Lab Sample ID :	S7	Instrumnet Name :	P7
Client Sample ID :	S7	Dilution Factor :	1
Date & Time Acquired ::	2019-12-12 15:52:18	DataFile Name :	009CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	19673.35	19514.48	20109.82	19765.89	1.56	ppb
Antimony	121-1	998.14	995.80	993.52	995.82	0.23	ppb
Arsenic	75-1	988.57	990.01	987.85	988.81	0.11	ppb
Barium	135-1	5015.23	4980.12	4956.92	4984.09	0.59	ppb
Barium	137-1	4961.67	4991.95	4983.66	4979.09	0.31	ppb
Beryllium	9-1	991.04	985.53	997.17	991.25	0.59	ppb
Bismuth	209-1				90		%
Bismuth	209-2				87		%
Boron	10-1	990.89	994.81	1013.87	999.86	1.23	ppb
Boron	11-1	987.40	999.05	1011.38	999.28	1.20	ppb
Cadmium	111-1	996.90	988.70	999.11	994.90	0.55	ppb
Cadmium	106-1	1006.22	1001.60	989.47	999.09	0.87	ppb
Cadmium	108-1	1006.11	996.88	988.19	997.06	0.90	ppb
Calcium	43-1	101187.49	102244.50	101190.54	101540.84	0.60	ppb
Calcium	44-1	103318.59	104106.57	103233.63	103552.93	0.46	ppb
Chromium	52-1	997.10	996.90	987.25	993.75	0.57	ppb
Cobalt	59-2	989.17	968.46	1013.18	990.27	2.26	ppb
Copper	63-2	2000.96	1965.84	2040.92	2002.57	1.88	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				97		%
Holmium	165-2				94		%
Indium	115-1				90		%
Indium	115-2				92		%
Iron	56-2	52204.22	51243.95	52982.46	52143.55	1.67	ppb
Iron	57-2	51770.53	51101.33	53397.42	52089.76	2.27	ppb
Krypton	83-1						cps
Lead	206-1	996.83	1001.81	1004.25	1000.96	0.38	ppb
Lead	207-1	997.56	1002.28	999.40	999.75	0.24	ppb
Lead	208-1	997.21	1000.59	1001.90	999.90	0.24	ppb
Lithium	6-1				87		%
Magnesium	24-2	103059.57	101167.70	105166.72	103131.33	1.94	ppb

LB Number :	LB106731	Operator :	Jaswal
Lab Sample ID :	S7	Instrumnet Name :	P7
Client Sample ID :	S7	Dilution Factor :	1
Date & Time Acquired ::	2019-12-12 15:52:18	DataFile Name :	009CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	1974.80	1939.37	2032.07	1982.08	2.36	ppb
Molybdenum	94-1	4983.02	4973.82	5011.17	4989.34	0.39	ppb
Molybdenum	95-1	4982.39	4947.14	5030.85	4986.79	0.84	ppb
Molybdenum	96-1	4987.96	4952.84	5020.85	4987.22	0.68	ppb
Molybdenum	97-1	4983.04	4995.25	4984.26	4987.52	0.13	ppb
Molybdenum	98-1	5026.78	4988.40	4951.35	4988.84	0.76	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	981.37	975.34	1010.20	988.97	1.88	ppb
Phosphorus	31-2	19794.32	19758.25	20292.15	19948.24	1.50	ppb
Potassium	39-2	49495.42	48914.68	50499.77	49636.62	1.62	ppb
Rhodium	103-1				87		%
Rhodium	103-2				91		%
Scandium	45-1				92		%
Scandium	45-2				95		%
Selenium	77-2	984.35	957.26	1013.60	985.07	2.86	ppb
Selenium	78-2	979.88	976.07	1024.32	993.42	2.70	ppb
Selenium	82-1	980.15	987.36	990.87	986.13	0.55	ppb
Silicon	28-1	992.59	988.56	985.83	988.99	0.34	ppb
Silver	109-1	1003.08	999.25	990.75	997.69	0.63	ppb
Silver	107-1	995.22	999.09	998.39	997.57	0.21	ppb
Sodium	23-2	102568.95	100962.50	104773.46	102768.30	1.86	ppb
Strontium	86-1	988.99	996.98	988.69	991.55	0.47	ppb
Strontium	88-1	998.04	996.35	993.45	995.94	0.23	ppb
Sulfur	34-1	20118.00	20290.05	19970.83	20126.29	0.79	ppb
Terbium	159-1				97		%
Terbium	159-2				94		%
Thallium	203-1	992.83	998.30	1011.45	1000.86	0.96	ppb
Thallium	205-1	993.17	996.13	1012.75	1000.68	1.05	ppb
Thorium	232-1	997.86	1004.93	1010.59	1004.46	0.63	ppb
Tin	118-1	994.34	995.40	997.09	995.61	0.14	ppb
Titanium	47-1	4980.01	4980.38	4988.48	4982.96	0.10	ppb
Uranium	238-1	998.31	996.86	1013.19	1002.79	0.90	ppb
Vanadium	51-2	986.65	982.05	1018.20	995.63	1.98	ppb
Yttrium	89-1				93		%
Yttrium	89-2				96		%

LB Number :	LB106731	Operator :	Jaswal
Lab Sample ID :	S7	Instrumnet Name :	P7
Client Sample ID :	S7	Dilution Factor :	1
Date & Time Acquired ::	2019-12-12 15:52:18	DataFile Name :	009CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zinc	66-2	1986.89	1934.91	2022.11	1981.30	2.21	ppb
Zirconium	90-1	997.46	1000.55	995.31	997.77	0.26	ppb
Zirconium	91-1	999.95	1002.84	1000.28	1001.02	0.16	ppb

LB Number :	LB106731	Operator :	Jaswal
Lab Sample ID :	S8	Instrumnet Name :	P7
Client Sample ID :	S8	Dilution Factor :	1
Date & Time Acquired ::	2019-12-12 15:56:06	DataFile Name :	010CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	100842.40	99691.54	99577.35	100037.10	0.70	ppb
Antimony	121-1	1.09	1.15	1.26	1.17	7.63	ppb
Arsenic	75-1	0.22	0.26	0.19	0.22	14.76	ppb
Barium	135-1	0.90	0.86	0.86	0.87	2.09	ppb
Barium	137-1	0.89	0.79	0.90	0.86	7.33	ppb
Beryllium	9-1	0.13	0.11	0.09	0.11	20.60	ppb
Bismuth	209-1				76		%
Bismuth	209-2				78		%
Boron	10-1	23.46	21.19	20.10	21.59	7.95	ppb
Boron	11-1	24.36	21.58	19.17	21.70	11.96	ppb
Cadmium	111-1	0.43	0.39	0.38	0.40	6.60	ppb
Cadmium	106-1	3.07	2.57	2.34	2.66	14.00	ppb
Cadmium	108-1	0.29	0.30	0.38	0.32	15.13	ppb
Calcium	43-1	499922.06	495299.82	502907.68	499376.52	0.77	ppb
Calcium	44-1	500102.22	494661.14	502138.85	498967.40	0.77	ppb
Chromium	52-1	26.55	26.32	26.34	26.40	0.48	ppb
Cobalt	59-2	1.73	1.81	1.78	1.77	2.18	ppb
Copper	63-2	2.90	2.75	2.79	2.81	2.72	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				89		%
Holmium	165-2				91		%
Indium	115-1				84		%
Indium	115-2				91		%
Iron	56-2	251962.82	249127.24	246912.75	249334.27	1.02	ppb
Iron	57-2	251168.37	247537.14	249267.28	249324.26	0.73	ppb
Krypton	83-1						cps
Lead	206-1	3.90	3.93	3.89	3.91	0.51	ppb
Lead	207-1	4.03	3.84	3.95	3.94	2.47	ppb
Lead	208-1	3.97	3.89	3.91	3.92	1.12	ppb
Lithium	6-1				87		%
Magnesium	24-2	504582.83	494928.60	497485.13	498998.85	1.00	ppb

LB Number :	LB106731	Operator :	Jaswal
Lab Sample ID :	S8	Instrumnet Name :	P7
Client Sample ID :	S8	Dilution Factor :	1
Date & Time Acquired ::	2019-12-12 15:56:06	DataFile Name :	010CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	7.13	6.89	6.85	6.96	2.18	ppb
Molybdenum	94-1	3.66	3.69	3.57	3.64	1.77	ppb
Molybdenum	95-1	4.67	4.70	4.77	4.71	1.09	ppb
Molybdenum	96-1	5.75	5.57	5.35	5.56	3.57	ppb
Molybdenum	97-1	4.47	4.50	4.34	4.44	1.85	ppb
Molybdenum	98-1	4.58	4.42	4.40	4.47	2.23	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	18.75	18.78	18.63	18.72	0.43	ppb
Phosphorus	31-2	-31.66	-27.01	-28.49	-29.05		ppb
Potassium	39-2	251206.26	249463.00	249515.40	250061.56	0.40	ppb
Rhodium	103-1				78		%
Rhodium	103-2				85		%
Scandium	45-1				92		%
Scandium	45-2				96		%
Selenium	77-2	0.66	0.65	0.64	0.65	1.38	ppb
Selenium	78-2	0.48	0.88	0.80	0.72	29.07	ppb
Selenium	82-1	0.85	0.19	0.81	0.61	60.11	ppb
Silicon	28-1	235.22	238.29	234.57	236.03	0.84	ppb
Silver	109-1	0.10	0.10	0.10	0.10	4.37	ppb
Silver	107-1	0.11	0.10	0.09	0.10	8.84	ppb
Sodium	23-2	503036.22	497509.76	496988.17	499178.05	0.67	ppb
Strontium	86-1	4.10	4.09	4.08	4.09	0.27	ppb
Strontium	88-1	4.19	4.10	4.08	4.12	1.36	ppb
Sulfur	34-1	-461.84	-562.83	-473.88	-499.52		ppb
Terbium	159-1				89		%
Terbium	159-2				91		%
Thallium	203-1	0.22	0.21	0.19	0.21	5.31	ppb
Thallium	205-1	0.24	0.21	0.18	0.21	13.47	ppb
Thorium	232-1	0.23	0.22	0.23	0.23	1.05	ppb
Tin	118-1	0.47	0.45	0.43	0.45	4.25	ppb
Titanium	47-1	1.45	1.27	1.27	1.33	7.82	ppb
Uranium	238-1	0.10	0.10	0.08	0.09	15.95	ppb
Vanadium	51-2	0.26	0.26	0.26	0.26	1.46	ppb
Yttrium	89-1				91		%
Yttrium	89-2				97		%

LB Number :	LB106731	Operator :	Jaswal
Lab Sample ID :	S8	Instrumnet Name :	P7
Client Sample ID :	S8	Dilution Factor :	1
Date & Time Acquired ::	2019-12-12 15:56:06	DataFile Name :	010CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zinc	66-2	24.17	23.10	23.49	23.59	2.28	ppb
Zirconium	90-1	0.24	0.22	0.24	0.24	4.44	ppb
Zirconium	91-1	0.28	0.21	0.25	0.25	13.76	ppb

LB Number :	LB106731	Operator :	Jaswal
Lab Sample ID :	ICV01	Instrumnet Name :	P7
Client Sample ID :	ICV01	Dilution Factor :	1
Date & Time Acquired ::	2019-12-12 16:02:06	DataFile Name :	011ICV01.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	490.69	478.51	480.44	483.21	1.35	ppb
Antimony	121-1	191.14	193.56	192.11	192.27	0.63	ppb
Arsenic	75-1	205.74	206.58	206.44	206.26	0.22	ppb
Barium	135-1	97.52	99.74	99.49	98.92	1.23	ppb
Barium	137-1	98.45	99.73	99.90	99.36	0.80	ppb
Beryllium	9-1	94.38	97.87	95.47	95.91	1.86	ppb
Bismuth	209-1				96		%
Bismuth	209-2				98		%
Boron	10-1	5.68	5.76	5.92	5.79	2.09	ppb
Boron	11-1	5.93	5.76	5.77	5.82	1.70	ppb
Cadmium	111-1	99.93	101.55	101.39	100.96	0.88	ppb
Cadmium	106-1	80.35	77.49	80.64	79.49	2.18	ppb
Cadmium	108-1	80.37	82.87	85.56	82.94	3.13	ppb
Calcium	43-1	2018.21	2040.52	2059.55	2039.43	1.01	ppb
Calcium	44-1	2023.82	2055.47	2066.00	2048.43	1.07	ppb
Chromium	52-1	91.53	92.28	93.06	92.29	0.83	ppb
Cobalt	59-2	99.44	98.78	98.60	98.94	0.45	ppb
Copper	63-2	98.75	97.91	97.59	98.09	0.61	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				98		%
Holmium	165-2				100		%
Indium	115-1				100		%
Indium	115-2				106		%
Iron	56-2	1097.21	1091.37	1085.13	1091.24	0.55	ppb
Iron	57-2	1141.13	1137.07	1142.55	1140.25	0.25	ppb
Krypton	83-1						cps
Lead	206-1	199.14	199.24	201.88	200.09	0.78	ppb
Lead	207-1	198.82	199.41	201.36	199.86	0.66	ppb
Lead	208-1	202.27	202.39	203.37	202.68	0.30	ppb
Lithium	6-1				104		%
Magnesium	24-2	1289.36	1294.57	1266.75	1283.56	1.15	ppb

LB Number :	LB106731	Operator :	Jaswal
Lab Sample ID :	ICV01	Instrumnet Name :	P7
Client Sample ID :	ICV01	Dilution Factor :	1
Date & Time Acquired ::	2019-12-12 16:02:06	DataFile Name :	011ICV01.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	95.51	94.91	95.41	95.28	0.34	ppb
Molybdenum	94-1	0.36	0.38	0.45	0.40	11.64	ppb
Molybdenum	95-1	0.45	0.47	0.48	0.47	4.20	ppb
Molybdenum	96-1	0.47	0.46	0.46	0.47	1.78	ppb
Molybdenum	97-1	0.47	0.47	0.44	0.46	4.19	ppb
Molybdenum	98-1	0.47	0.47	0.46	0.47	0.69	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	99.80	99.69	99.55	99.68	0.13	ppb
Phosphorus	31-2	-36.01	-31.33	-34.97	-34.10		ppb
Potassium	39-2	1996.22	1995.28	1958.58	1983.36	1.08	ppb
Rhodium	103-1				100		%
Rhodium	103-2				108		%
Scandium	45-1				105		%
Scandium	45-2				107		%
Selenium	77-2	211.41	204.62	195.30	203.78	3.97	ppb
Selenium	78-2	200.05	202.83	205.38	202.76	1.31	ppb
Selenium	82-1	199.47	203.82	203.33	202.21	1.18	ppb
Silicon	28-1	4.08	4.17	4.33	4.19	2.96	ppb
Silver	109-1	98.25	99.51	99.94	99.23	0.89	ppb
Silver	107-1	99.16	98.45	100.19	99.27	0.88	ppb
Sodium	23-2	2068.64	2068.26	2052.22	2063.04	0.45	ppb
Strontium	86-1	2.30	2.28	2.33	2.30	0.92	ppb
Strontium	88-1	2.28	2.28	2.27	2.28	0.38	ppb
Sulfur	34-1	-341.68	-385.06	-287.46	-338.06		ppb
Terbium	159-1				98		%
Terbium	159-2				100		%
Thallium	203-1	200.10	202.08	201.81	201.33	0.53	ppb
Thallium	205-1	206.11	205.17	205.26	205.51	0.25	ppb
Thorium	232-1	0.06	0.06	0.07	0.06	8.43	ppb
Tin	118-1	0.26	0.25	0.25	0.25	1.90	ppb
Titanium	47-1	0.44	0.32	0.40	0.39	15.95	ppb
Uranium	238-1	0.02	0.02	0.02	0.02	17.37	ppb
Vanadium	51-2	94.74	93.69	94.43	94.28	0.57	ppb
Yttrium	89-1				101		%
Yttrium	89-2				106		%

LB Number :	LB106731	Operator :	Jaswal
Lab Sample ID :	ICV01	Instrumnet Name :	P7
Client Sample ID :	ICV01	Dilution Factor :	1
Date & Time Acquired ::	2019-12-12 16:02:06	DataFile Name :	011ICV01.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zinc	66-2	198.89	201.33	198.65	199.62	0.74	ppb
Zirconium	90-1	0.04	0.05	0.06	0.05	23.55	ppb
Zirconium	91-1	0.11	0.10	0.11	0.11	3.38	ppb

LB Number : LB106731 Operator : Jaswal
 Lab Sample ID : ICB01 Instrumnet Name : P7
 Client Sample ID : ICB01 Dilution Factor : 1
 Date & Time Acquired :: 2019-12-12 16:05:43 DataFile Name : 012CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	1.30	0.40	0.71	0.80	57.12	ppb
Antimony	121-1	0.20	0.23	0.24	0.23	8.91	ppb
Arsenic	75-1	-0.10	-0.04	0.04	-0.03		ppb
Barium	135-1	0.01	0.01	0.00	0.00	128.17	ppb
Barium	137-1	0.00	0.00	0.01	0.00	406.44	ppb
Beryllium	9-1	0.04	0.02	0.02	0.03	37.44	ppb
Bismuth	209-1				97		%
Bismuth	209-2				99		%
Boron	10-1	3.63	4.05	3.96	3.88	5.66	ppb
Boron	11-1	4.46	4.25	3.91	4.21	6.52	ppb
Cadmium	111-1	0.20	0.16	0.15	0.17	15.89	ppb
Cadmium	106-1	2.25	1.90	1.75	1.96	13.05	ppb
Cadmium	108-1	0.03	0.04	0.08	0.05	61.77	ppb
Calcium	43-1	4.42	-0.12	1.28	1.86	125.05	ppb
Calcium	44-1	2.89	3.06	2.40	2.78	12.29	ppb
Chromium	52-1	0.06	0.05	0.07	0.06	21.71	ppb
Cobalt	59-2	0.01	0.01	0.00	0.01	67.72	ppb
Copper	63-2	-0.06	-0.04	-0.07	-0.06		ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				98		%
Holmium	165-2				100		%
Indium	115-1				101		%
Indium	115-2				105		%
Iron	56-2	2.21	2.22	2.15	2.19	1.73	ppb
Iron	57-2	3.07	2.69	3.38	3.05	11.46	ppb
Krypton	83-1						cps
Lead	206-1	0.03	0.02	0.02	0.02	16.53	ppb
Lead	207-1	0.03	0.04	0.02	0.03	29.01	ppb
Lead	208-1	0.03	0.03	0.02	0.03	34.05	ppb
Lithium	6-1				105		%
Magnesium	24-2	4.21	3.64	4.58	4.14	11.33	ppb

LB Number : LB106731 Operator : Jaswal
 Lab Sample ID : ICB01 Instrumnet Name : P7
 Client Sample ID : ICB01 Dilution Factor : 1
 Date & Time Acquired :: 2019-12-12 16:05:43 DataFile Name : 012CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	-0.01	-0.01	0.00	0.00		ppb
Molybdenum	94-1	0.04	0.06	0.04	0.05	21.47	ppb
Molybdenum	95-1	0.06	0.09	0.08	0.08	15.17	ppb
Molybdenum	96-1	0.06	0.06	0.08	0.07	17.44	ppb
Molybdenum	97-1	0.05	0.06	0.08	0.06	22.08	ppb
Molybdenum	98-1	0.07	0.08	0.08	0.07	8.65	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	-0.01	0.00	-0.01	0.00		ppb
Phosphorus	31-2	-34.87	-26.59	-32.43	-31.30		ppb
Potassium	39-2	13.62	14.60	15.02	14.41	4.97	ppb
Rhodium	103-1				101		%
Rhodium	103-2				108		%
Scandium	45-1				105		%
Scandium	45-2				106		%
Selenium	77-2	0.00	0.30	0.00	0.10	173.21	ppb
Selenium	78-2	-0.09	-0.14	0.11	-0.04		ppb
Selenium	82-1	0.33	0.13	0.41	0.29	48.72	ppb
Silicon	28-1	1.51	2.07	1.70	1.76	16.09	ppb
Silver	109-1	0.01	0.02	0.02	0.01	10.52	ppb
Silver	107-1	0.01	0.01	0.00	0.01	46.82	ppb
Sodium	23-2	18.77	18.20	18.72	18.56	1.68	ppb
Strontium	86-1	-0.03	0.02	0.02	0.00	836.62	ppb
Strontium	88-1	0.00	0.00	0.00	0.00		ppb
Sulfur	34-1	-341.59	-429.55	-348.28	-373.14		ppb
Terbium	159-1				99		%
Terbium	159-2				101		%
Thallium	203-1	0.06	0.06	0.07	0.06	8.02	ppb
Thallium	205-1	0.06	0.07	0.06	0.07	9.46	ppb
Thorium	232-1	0.04	0.03	0.04	0.04	6.83	ppb
Tin	118-1	0.06	0.07	0.07	0.07	15.00	ppb
Titanium	47-1	-0.01	-0.01	0.01	0.00		ppb
Uranium	238-1	0.01	0.00	0.01	0.01	61.65	ppb
Vanadium	51-2	0.01	0.01	0.01	0.01	41.27	ppb
Yttrium	89-1				102		%
Yttrium	89-2				105		%

LB Number :	LB106731	Operator :	Jaswal
Lab Sample ID :	ICB01	Instrumnet Name :	P7
Client Sample ID :	ICB01	Dilution Factor :	1
Date & Time Acquired ::	2019-12-12 16:05:43	DataFile Name :	012CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zinc	66-2	-0.72	-0.74	-0.71	-0.73		ppb
Zirconium	90-1	0.00	0.00	0.00	0.00	111.65	ppb
Zirconium	91-1	0.00	0.02	0.00	0.00	370.67	ppb

LB Number : LB106731 Operator : Jaswal
 Lab Sample ID : ICSA01 Instrumnet Name : P7
 Client Sample ID : ICSA01 Dilution Factor : 1
 Date & Time Acquired :: 2019-12-12 16:09:21 DataFile Name : 013ICSA01.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	92828.38	91492.01	90748.61	91689.67	1.15	ppb
Antimony	121-1	1.19	1.25	1.21	1.22	2.75	ppb
Arsenic	75-1	2.01	1.90	1.89	1.93	3.38	ppb
Barium	135-1	1.35	1.46	1.40	1.40	4.14	ppb
Barium	137-1	1.45	1.39	1.47	1.44	3.10	ppb
Beryllium	9-1	0.30	0.35	0.28	0.31	12.05	ppb
Bismuth	209-1				88		%
Bismuth	209-2				88		%
Boron	10-1	3.62	3.99	3.55	3.72	6.29	ppb
Boron	11-1	4.15	4.00	4.02	4.06	1.98	ppb
Cadmium	111-1	0.83	0.89	0.83	0.85	3.80	ppb
Cadmium	106-1	1.57	1.66	1.69	1.64	3.83	ppb
Cadmium	108-1	15.25	15.11	14.31	14.89	3.42	ppb
Calcium	43-1	98235.94	98860.57	98292.21	98462.90	0.35	ppb
Calcium	44-1	97977.43	98324.88	98486.44	98262.92	0.26	ppb
Chromium	52-1	19.39	19.52	19.36	19.42	0.43	ppb
Cobalt	59-2	1.21	1.19	1.19	1.20	0.72	ppb
Copper	63-2	7.36	7.37	7.24	7.32	1.01	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				97		%
Holmium	165-2				97		%
Indium	115-1				93		%
Indium	115-2				97		%
Iron	56-2	103095.68	102965.73	101060.93	102374.11	1.11	ppb
Iron	57-2	102515.74	102166.09	100564.77	101748.87	1.02	ppb
Krypton	83-1						cps
Lead	206-1	4.52	4.58	4.58	4.56	0.83	ppb
Lead	207-1	4.11	4.24	4.19	4.18	1.56	ppb
Lead	208-1	4.29	4.36	4.35	4.34	0.90	ppb
Lithium	6-1				94		%
Magnesium	24-2	102370.31	101486.04	100601.89	101486.08	0.87	ppb

LB Number :	LB106731	Operator :	Jaswal
Lab Sample ID :	ICSA01	Instrumnet Name :	P7
Client Sample ID :	ICSA01	Dilution Factor :	1
Date & Time Acquired ::	2019-12-12 16:09:21	DataFile Name :	013ICSA01.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	7.73	7.72	7.52	7.66	1.60	ppb
Molybdenum	94-1	1326.51	1315.40	1332.67	1324.86	0.66	ppb
Molybdenum	95-1	1932.49	1917.49	1923.68	1924.55	0.39	ppb
Molybdenum	96-1	1848.88	1839.40	1839.12	1842.47	0.30	ppb
Molybdenum	97-1	1925.46	1910.86	1925.90	1920.74	0.45	ppb
Molybdenum	98-1	1918.70	1910.11	1922.93	1917.25	0.34	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	5.18	5.32	5.23	5.25	1.31	ppb
Phosphorus	31-2	97603.03	96053.09	96221.32	96625.81	0.88	ppb
Potassium	39-2	99077.06	98089.72	97858.89	98341.89	0.66	ppb
Rhodium	103-1				90		%
Rhodium	103-2				96		%
Scandium	45-1				99		%
Scandium	45-2				100		%
Selenium	77-2	1.27	0.31	0.00	0.53	125.38	ppb
Selenium	78-2	0.21	0.60	0.15	0.32	77.13	ppb
Selenium	82-1	-0.17	0.03	0.64	0.17	252.57	ppb
Silicon	28-1	22.44	22.70	21.94	22.36	1.73	ppb
Silver	109-1	0.06	0.04	0.06	0.05	16.59	ppb
Silver	107-1	0.04	0.05	0.04	0.04	13.43	ppb
Sodium	23-2	101673.82	101107.41	100700.17	101160.47	0.48	ppb
Strontium	86-1	34.13	33.76	34.47	34.12	1.04	ppb
Strontium	88-1	33.62	33.36	34.00	33.66	0.95	ppb
Sulfur	34-1	88103.70	87697.32	86705.53	87502.18	0.82	ppb
Terbium	159-1				97		%
Terbium	159-2				97		%
Thallium	203-1	0.27	0.38	0.41	0.35	20.09	ppb
Thallium	205-1	0.30	0.38	0.45	0.37	19.48	ppb
Thorium	232-1	0.05	0.05	0.05	0.05	8.63	ppb
Tin	118-1	0.19	0.19	0.20	0.19	2.44	ppb
Titanium	47-1	1920.73	1923.40	1917.84	1920.65	0.14	ppb
Uranium	238-1	0.02	0.04	0.02	0.03	29.84	ppb
Vanadium	51-2	0.17	0.18	0.16	0.17	7.23	ppb
Yttrium	89-1				98		%
Yttrium	89-2				100		%

LB Number :	LB106731	Operator :	Jaswal
Lab Sample ID :	ICSA01	Instrumnet Name :	P7
Client Sample ID :	ICSA01	Dilution Factor :	1
Date & Time Acquired ::	2019-12-12 16:09:21	DataFile Name :	013ICSA01.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zinc	66-2	9.28	9.92	9.13	9.44	4.43	ppb
Zirconium	90-1	0.03	0.05	0.06	0.05	35.89	ppb
Zirconium	91-1	0.05	0.03	0.05	0.04	25.08	ppb

LB Number :	LB106731	Operator :	Jaswal
Lab Sample ID :	ICSAB01	Instrumnet Name :	P7
Client Sample ID :	ICSAB01	Dilution Factor :	1
Date & Time Acquired ::	2019-12-12 16:12:59	DataFile Name :	014ICSB.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	90549.19	90480.14	91251.48	90760.27	0.47	ppb
Antimony	121-1	20.73	20.68	20.69	20.70	0.12	ppb
Arsenic	75-1	21.94	21.70	22.14	21.93	1.02	ppb
Barium	135-1	21.53	21.88	21.77	21.73	0.82	ppb
Barium	137-1	21.27	21.21	21.06	21.18	0.50	ppb
Beryllium	9-1	19.88	20.12	19.87	19.96	0.69	ppb
Bismuth	209-1				89		%
Bismuth	209-2				89		%
Boron	10-1	52.56	53.84	54.36	53.58	1.72	ppb
Boron	11-1	54.49	55.21	53.51	54.40	1.57	ppb
Cadmium	111-1	19.81	20.07	19.97	19.95	0.65	ppb
Cadmium	106-1	25.57	26.34	24.79	25.57	3.04	ppb
Cadmium	108-1	37.25	36.96	36.15	36.79	1.54	ppb
Calcium	43-1	97714.16	97043.48	97826.30	97527.98	0.43	ppb
Calcium	44-1	97031.69	96973.28	97480.20	97161.72	0.29	ppb
Chromium	52-1	38.10	38.13	38.15	38.12	0.07	ppb
Cobalt	59-2	20.55	20.83	20.78	20.72	0.74	ppb
Copper	63-2	26.66	26.20	26.15	26.34	1.08	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				98		%
Holmium	165-2				98		%
Indium	115-1				95		%
Indium	115-2				98		%
Iron	56-2	101815.33	101466.94	101725.57	101669.28	0.18	ppb
Iron	57-2	101295.71	101003.61	100967.23	101088.85	0.18	ppb
Krypton	83-1						cps
Lead	206-1	24.12	24.22	24.51	24.28	0.83	ppb
Lead	207-1	23.10	23.01	23.24	23.12	0.49	ppb
Lead	208-1	23.58	23.65	23.75	23.66	0.35	ppb
Lithium	6-1				94		%
Magnesium	24-2	101027.19	100076.47	99939.68	100347.78	0.59	ppb

LB Number :	LB106731	Operator :	Jaswal
Lab Sample ID :	ICSAB01	Instrumnet Name :	P7
Client Sample ID :	ICSAB01	Dilution Factor :	1
Date & Time Acquired ::	2019-12-12 16:12:59	DataFile Name :	014ICSB.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	26.88	27.34	26.97	27.06	0.90	ppb
Molybdenum	94-1	1428.46	1430.73	1420.50	1426.57	0.38	ppb
Molybdenum	95-1	1965.42	1948.12	1947.94	1953.82	0.51	ppb
Molybdenum	96-1	1891.33	1881.15	1879.00	1883.83	0.35	ppb
Molybdenum	97-1	1961.01	1958.09	1948.92	1956.01	0.32	ppb
Molybdenum	98-1	1950.89	1953.49	1947.21	1950.53	0.16	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	24.44	24.40	23.78	24.21	1.52	ppb
Phosphorus	31-2	95788.55	95585.18	97240.14	96204.62	0.94	ppb
Potassium	39-2	98142.50	96879.49	97377.96	97466.65	0.65	ppb
Rhodium	103-1				90		%
Rhodium	103-2				97		%
Scandium	45-1				100		%
Scandium	45-2				101		%
Selenium	77-2	17.19	19.61	25.42	20.74	20.39	ppb
Selenium	78-2	19.78	20.28	18.00	19.35	6.20	ppb
Selenium	82-1	19.29	19.60	18.51	19.13	2.92	ppb
Silicon	28-1	72.80	73.17	73.14	73.04	0.28	ppb
Silver	109-1	18.12	18.73	18.39	18.41	1.65	ppb
Silver	107-1	18.40	18.62	18.69	18.57	0.82	ppb
Sodium	23-2	100180.18	99595.75	99193.67	99656.53	0.50	ppb
Strontium	86-1	85.40	84.96	84.85	85.07	0.34	ppb
Strontium	88-1	83.43	83.59	83.45	83.49	0.11	ppb
Sulfur	34-1	84946.05	85981.40	85507.74	85478.40	0.61	ppb
Terbium	159-1				98		%
Terbium	159-2				99		%
Thallium	203-1	20.05	19.94	20.13	20.04	0.46	ppb
Thallium	205-1	20.09	20.07	20.16	20.10	0.22	ppb
Thorium	232-1	0.03	0.03	0.03	0.03	11.65	ppb
Tin	118-1	50.76	51.70	51.12	51.19	0.93	ppb
Titanium	47-1	1959.03	1970.01	1960.18	1963.07	0.31	ppb
Uranium	238-1	49.96	50.31	50.24	50.17	0.37	ppb
Vanadium	51-2	19.35	19.13	19.19	19.22	0.57	ppb
Yttrium	89-1				98		%
Yttrium	89-2				102		%

LB Number :	LB106731	Operator :	Jaswal
Lab Sample ID :	ICSAB01	Instrumnet Name :	P7
Client Sample ID :	ICSAB01	Dilution Factor :	1
Date & Time Acquired ::	2019-12-12 16:12:59	DataFile Name :	014ICSB.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zinc	66-2	26.71	28.01	27.49	27.40	2.40	ppb
Zirconium	90-1	50.25	50.43	50.26	50.32	0.20	ppb
Zirconium	91-1	50.39	49.91	50.01	50.10	0.51	ppb

LB Number :	LB106731	Operator :	Jaswal
Lab Sample ID :	CCV87	Instrumnet Name :	P7
Client Sample ID :	CCV87	Dilution Factor :	1
Date & Time Acquired ::	2019-12-12 16:16:37	DataFile Name :	015CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	51935.61	52168.87	51778.68	51961.05	0.38	ppb
Antimony	121-1	527.95	525.84	526.74	526.84	0.20	ppb
Arsenic	75-1	510.75	514.23	518.12	514.37	0.72	ppb
Barium	135-1	2706.64	2708.41	2724.54	2713.20	0.36	ppb
Barium	137-1	2703.98	2716.19	2724.37	2714.85	0.38	ppb
Beryllium	9-1	529.66	534.25	529.42	531.11	0.51	ppb
Bismuth	209-1				85		%
Bismuth	209-2				85		%
Boron	10-1	539.17	547.90	552.47	546.51	1.24	ppb
Boron	11-1	529.90	541.40	543.87	538.39	1.39	ppb
Cadmium	111-1	531.97	534.02	536.42	534.14	0.42	ppb
Cadmium	106-1	547.27	535.46	540.31	541.01	1.10	ppb
Cadmium	108-1	530.02	529.05	543.01	534.03	1.46	ppb
Calcium	43-1	246154.87	243646.33	245783.82	245195.01	0.55	ppb
Calcium	44-1	245556.08	241080.15	245174.56	243936.93	1.02	ppb
Chromium	52-1	529.65	529.38	528.35	529.13	0.13	ppb
Cobalt	59-2	503.33	506.64	509.06	506.34	0.57	ppb
Copper	63-2	1046.72	1051.39	1047.90	1048.67	0.23	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				96		%
Holmium	165-2				96		%
Indium	115-1				91		%
Indium	115-2				96		%
Iron	56-2	124538.12	123066.52	123252.67	123619.10	0.65	ppb
Iron	57-2	124418.15	124337.24	123745.69	124167.03	0.30	ppb
Krypton	83-1						cps
Lead	206-1	537.65	534.79	539.78	537.41	0.47	ppb
Lead	207-1	537.38	532.36	535.87	535.20	0.48	ppb
Lead	208-1	537.06	535.10	537.47	536.54	0.24	ppb
Lithium	6-1				94		%
Magnesium	24-2	244242.41	244497.46	243482.50	244074.12	0.22	ppb

LB Number :	LB106731	Operator :	Jaswal
Lab Sample ID :	CCV87	Instrumnet Name :	P7
Client Sample ID :	CCV87	Dilution Factor :	1
Date & Time Acquired ::	2019-12-12 16:16:37	DataFile Name :	015CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	1050.18	1039.84	1045.16	1045.06	0.49	ppb
Molybdenum	94-1	2687.35	2723.13	2707.37	2705.95	0.66	ppb
Molybdenum	95-1	2704.22	2738.03	2738.40	2726.88	0.72	ppb
Molybdenum	96-1	2700.32	2735.82	2726.96	2721.03	0.68	ppb
Molybdenum	97-1	2707.47	2733.14	2715.89	2718.84	0.48	ppb
Molybdenum	98-1	2730.92	2733.33	2704.77	2723.00	0.58	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	505.40	505.35	517.17	509.31	1.34	ppb
Phosphorus	31-2	3252.64	3370.70	3218.96	3280.76	2.43	ppb
Potassium	39-2	121988.68	122067.15	122121.16	122058.99	0.05	ppb
Rhodium	103-1				87		%
Rhodium	103-2				93		%
Scandium	45-1				100		%
Scandium	45-2				102		%
Selenium	77-2	496.20	520.13	516.37	510.90	2.52	ppb
Selenium	78-2	532.26	528.61	519.03	526.63	1.30	ppb
Selenium	82-1	514.48	516.63	518.68	516.60	0.41	ppb
Silicon	28-1	808.32	836.14	847.13	830.53	2.41	ppb
Silver	109-1	540.11	542.69	546.79	543.20	0.62	ppb
Silver	107-1	543.30	537.67	547.78	542.92	0.93	ppb
Sodium	23-2	241726.17	247611.82	247958.19	245765.40	1.43	ppb
Strontium	86-1	517.00	522.18	523.87	521.02	0.69	ppb
Strontium	88-1	521.93	519.76	520.58	520.76	0.21	ppb
Sulfur	34-1	2689.32	2718.34	2809.61	2739.09	2.29	ppb
Terbium	159-1				95		%
Terbium	159-2				96		%
Thallium	203-1	540.75	532.84	538.68	537.42	0.76	ppb
Thallium	205-1	540.43	533.15	539.61	537.73	0.74	ppb
Thorium	232-1	135.55	133.91	133.53	134.33	0.80	ppb
Tin	118-1	550.21	552.39	556.51	553.04	0.58	ppb
Titanium	47-1	2670.83	2641.31	2678.04	2663.39	0.73	ppb
Uranium	238-1	537.10	538.51	540.85	538.82	0.35	ppb
Vanadium	51-2	525.89	525.43	525.02	525.45	0.08	ppb
Yttrium	89-1				97		%
Yttrium	89-2				101		%

LB Number :	LB106731	Operator :	Jaswal
Lab Sample ID :	CCV87	Instrumnet Name :	P7
Client Sample ID :	CCV87	Dilution Factor :	1
Date & Time Acquired ::	2019-12-12 16:16:37	DataFile Name :	015CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zinc	66-2	1003.35	1019.98	1008.22	1010.52	0.85	ppb
Zirconium	90-1	528.45	534.84	533.10	532.13	0.62	ppb
Zirconium	91-1	511.37	519.38	517.18	515.98	0.80	ppb

LB Number :	LB106731	Operator :	Jaswal
Lab Sample ID :	CCB87	Instrumnet Name :	P7
Client Sample ID :	CCB87	Dilution Factor :	1
Date & Time Acquired ::	2019-12-12 16:20:20	DataFile Name :	016CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	3.69	3.71	3.38	3.60	5.15	ppb
Antimony	121-1	0.44	0.54	0.56	0.51	12.18	ppb
Arsenic	75-1	0.06	-0.07	0.07	0.02	331.69	ppb
Barium	135-1	0.26	0.25	0.25	0.25	2.61	ppb
Barium	137-1	0.22	0.22	0.18	0.21	10.59	ppb
Beryllium	9-1	0.11	0.07	0.08	0.09	21.88	ppb
Bismuth	209-1				99		%
Bismuth	209-2				99		%
Boron	10-1	11.00	10.27	10.77	10.68	3.51	ppb
Boron	11-1	11.26	9.89	9.86	10.34	7.74	ppb
Cadmium	111-1	0.25	0.25	0.33	0.28	16.37	ppb
Cadmium	106-1	2.02	2.47	3.44	2.64	27.44	ppb
Cadmium	108-1	0.09	0.05	0.12	0.09	40.39	ppb
Calcium	43-1	23.05	21.24	16.52	20.27	16.65	ppb
Calcium	44-1	23.35	22.51	19.18	21.68	10.19	ppb
Chromium	52-1	0.07	0.07	0.07	0.07	4.07	ppb
Cobalt	59-2	0.03	0.02	0.03	0.03	19.68	ppb
Copper	63-2	0.09	0.05	0.06	0.07	30.76	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				100		%
Holmium	165-2				100		%
Indium	115-1				103		%
Indium	115-2				105		%
Iron	56-2	9.77	8.84	8.06	8.89	9.63	ppb
Iron	57-2	10.28	8.92	8.22	9.14	11.47	ppb
Krypton	83-1						cps
Lead	206-1	0.11	0.11	0.12	0.11	6.86	ppb
Lead	207-1	0.11	0.12	0.12	0.12	6.09	ppb
Lead	208-1	0.11	0.12	0.12	0.12	3.33	ppb
Lithium	6-1				104		%
Magnesium	24-2	16.43	15.93	14.79	15.72	5.37	ppb

LB Number :	LB106731	Operator :	Jaswal
Lab Sample ID :	CCB87	Instrumnet Name :	P7
Client Sample ID :	CCB87	Dilution Factor :	1
Date & Time Acquired ::	2019-12-12 16:20:20	DataFile Name :	016CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	0.06	0.06	0.05	0.06	15.52	ppb
Molybdenum	94-1	0.58	0.59	0.61	0.60	3.12	ppb
Molybdenum	95-1	0.68	0.63	0.69	0.67	5.14	ppb
Molybdenum	96-1	0.65	0.65	0.59	0.63	5.94	ppb
Molybdenum	97-1	0.66	0.64	0.71	0.67	5.20	ppb
Molybdenum	98-1	0.69	0.65	0.66	0.67	3.51	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.03	0.02	0.00	0.02	109.81	ppb
Phosphorus	31-2	-38.25	-33.72	-34.99	-35.65		ppb
Potassium	39-2	33.56	30.99	32.31	32.28	3.99	ppb
Rhodium	103-1				102		%
Rhodium	103-2				108		%
Scandium	45-1				107		%
Scandium	45-2				106		%
Selenium	77-2	0.30	0.00	0.59	0.30	99.24	ppb
Selenium	78-2	0.32	0.44	0.43	0.40	15.88	ppb
Selenium	82-1	0.20	0.16	0.11	0.16	31.33	ppb
Silicon	28-1	3.24	3.14	2.74	3.04	8.79	ppb
Silver	109-1	0.07	0.07	0.06	0.07	9.49	ppb
Silver	107-1	0.06	0.06	0.06	0.06	3.35	ppb
Sodium	23-2	47.66	45.34	41.47	44.82	6.98	ppb
Strontium	86-1	0.04	0.07	0.05	0.05	35.73	ppb
Strontium	88-1	0.05	0.05	0.04	0.05	6.51	ppb
Sulfur	34-1	-798.55	-656.31	-555.95	-670.27		ppb
Terbium	159-1				101		%
Terbium	159-2				101		%
Thallium	203-1	0.13	0.11	0.13	0.12	6.91	ppb
Thallium	205-1	0.13	0.15	0.13	0.14	7.81	ppb
Thorium	232-1	0.03	0.03	0.04	0.03	9.89	ppb
Tin	118-1	0.18	0.17	0.20	0.18	10.33	ppb
Titanium	47-1	0.32	0.26	0.28	0.28	11.90	ppb
Uranium	238-1	0.04	0.06	0.05	0.05	12.71	ppb
Vanadium	51-2	0.03	0.02	0.02	0.03	23.17	ppb
Yttrium	89-1				104		%
Yttrium	89-2				106		%

LB Number :	LB106731	Operator :	Jaswal
Lab Sample ID :	CCB87	Instrumnet Name :	P7
Client Sample ID :	CCB87	Dilution Factor :	1
Date & Time Acquired ::	2019-12-12 16:20:20	DataFile Name :	016CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zinc	66-2	-0.65	-0.73	-0.73	-0.70		ppb
Zirconium	90-1	0.08	0.08	0.09	0.09	9.97	ppb
Zirconium	91-1	0.07	0.07	0.09	0.07	15.65	ppb

LB Number :	LB106731	Operator :	Jaswal
Lab Sample ID :	K6169-16	Instrumnet Name :	P7
Client Sample ID :	MC0BY7	Dilution Factor :	1
Date & Time Acquired ::	2019-12-12 16:23:58	DataFile Name :	017SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	9.57	8.75	7.54	8.62	11.83	ppb
Antimony	121-1	0.45	0.48	0.50	0.48	5.45	ppb
Arsenic	75-1	1.13	1.03	1.08	1.08	4.72	ppb
Barium	135-1	254.22	256.72	257.70	256.21	0.70	ppb
Barium	137-1	255.06	254.31	254.99	254.79	0.16	ppb
Beryllium	9-1	0.02	0.05	0.03	0.03	47.81	ppb
Bismuth	209-1				95		%
Bismuth	209-2				95		%
Boron	10-1	316.46	320.87	324.16	320.50	1.21	ppb
Boron	11-1	320.20	323.54	331.42	325.05	1.77	ppb
Cadmium	111-1	0.38	0.27	0.20	0.28	32.42	ppb
Cadmium	106-1	3.66	2.28	1.51	2.49	43.76	ppb
Cadmium	108-1	0.13	0.27	0.17	0.19	36.90	ppb
Calcium	43-1	74968.01	75017.18	74655.71	74880.30	0.26	ppb
Calcium	44-1	77065.14	77432.26	77171.21	77222.87	0.24	ppb
Chromium	52-1	1.92	1.98	2.03	1.98	2.82	ppb
Cobalt	59-2	0.68	0.69	0.69	0.69	1.20	ppb
Copper	63-2	0.48	0.46	0.48	0.47	2.01	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				103		%
Holmium	165-2				103		%
Indium	115-1				102		%
Indium	115-2				106		%
Iron	56-2	6.62	4.29	3.82	4.91	30.55	ppb
Iron	57-2	257.52	269.12	256.53	261.06	2.68	ppb
Krypton	83-1						cps
Lead	206-1	0.46	0.47	0.44	0.46	3.51	ppb
Lead	207-1	0.45	0.45	0.49	0.47	4.81	ppb
Lead	208-1	0.45	0.46	0.47	0.46	1.80	ppb
Lithium	6-1				105		%
Magnesium	24-2	47240.58	47275.39	47109.20	47208.39	0.19	ppb

LB Number :	LB106731	Operator :	Jaswal
Lab Sample ID :	K6169-16	Instrumnet Name :	P7
Client Sample ID :	MC0BY7	Dilution Factor :	1
Date & Time Acquired ::	2019-12-12 16:23:58	DataFile Name :	017SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	135.38	134.99	136.36	135.58	0.52	ppb
Molybdenum	94-1	2.88	2.85	3.04	2.93	3.52	ppb
Molybdenum	95-1	4.20	4.09	4.25	4.18	1.97	ppb
Molybdenum	96-1	4.09	4.00	4.05	4.05	1.06	ppb
Molybdenum	97-1	4.13	4.13	4.12	4.12	0.12	ppb
Molybdenum	98-1	4.18	4.15	4.26	4.20	1.42	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	8.11	7.96	8.21	8.10	1.54	ppb
Phosphorus	31-2	-31.03	-23.07	-21.69	-25.26		ppb
Potassium	39-2	6311.04	6317.58	6267.34	6298.65	0.43	ppb
Rhodium	103-1				99		%
Rhodium	103-2				105		%
Scandium	45-1				110		%
Scandium	45-2				110		%
Selenium	77-2	0.29	0.87	0.29	0.48	69.51	ppb
Selenium	78-2	0.29	0.54	1.22	0.69	70.00	ppb
Selenium	82-1	1.22	1.58	1.19	1.33	16.36	ppb
Silicon	28-1	12028.25	12045.17	12050.54	12041.32	0.10	ppb
Silver	109-1	0.03	0.02	0.04	0.03	21.32	ppb
Silver	107-1	0.02	0.03	0.03	0.02	23.53	ppb
Sodium	23-2	144163.32	143602.88	143973.01	143913.07	0.20	ppb
Strontium	86-1	198.62	199.59	201.89	200.04	0.84	ppb
Strontium	88-1	199.99	199.93	199.55	199.83	0.12	ppb
Sulfur	34-1	10185.67	10149.01	10174.15	10169.61	0.18	ppb
Terbium	159-1				103		%
Terbium	159-2				103		%
Thallium	203-1	0.12	0.12	0.11	0.12	5.26	ppb
Thallium	205-1	0.13	0.13	0.12	0.13	3.13	ppb
Thorium	232-1	0.01	0.02	0.01	0.01	10.11	ppb
Tin	118-1	0.01	0.02	0.00	0.01	77.44	ppb
Titanium	47-1	0.83	1.03	0.91	0.92	10.53	ppb
Uranium	238-1	2.96	2.98	2.99	2.98	0.63	ppb
Vanadium	51-2	0.95	0.89	0.90	0.91	3.08	ppb
Yttrium	89-1				106		%
Yttrium	89-2				109		%

LB Number :	LB106731	Operator :	Jaswal
Lab Sample ID :	K6169-16	Instrumnet Name :	P7
Client Sample ID :	MC0BY7	Dilution Factor :	1
Date & Time Acquired ::	2019-12-12 16:23:58	DataFile Name :	017SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zinc	66-2	10.77	10.81	10.83	10.80	0.29	ppb
Zirconium	90-1	0.06	0.07	0.10	0.08	23.97	ppb
Zirconium	91-1	0.05	0.08	0.11	0.08	39.37	ppb

LB Number :	LB106731	Operator :	Jaswal
Lab Sample ID :	K6058-11DLX5	Instrumnet Name :	P7
Client Sample ID :	MBFR02DL	Dilution Factor :	5
Date & Time Acquired ::	2019-12-12 16:27:39	DataFile Name :	018SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	807.27	802.49	812.95	807.57	0.65	ppb
Antimony	121-1	0.12	0.14	0.14	0.13	10.05	ppb
Arsenic	75-1	1.05	1.04	1.18	1.09	6.96	ppb
Barium	135-1	14.51	15.23	14.78	14.84	2.46	ppb
Barium	137-1	15.03	14.94	14.84	14.94	0.62	ppb
Beryllium	9-1	0.13	0.16	0.11	0.13	16.73	ppb
Bismuth	209-1				99		%
Bismuth	209-2				100		%
Boron	10-1	20.76	20.00	19.85	20.20	2.42	ppb
Boron	11-1	20.22	19.87	19.28	19.79	2.41	ppb
Cadmium	111-1	1.28	1.33	1.31	1.30	2.10	ppb
Cadmium	106-1	2.85	2.42	3.20	2.82	13.86	ppb
Cadmium	108-1	1.07	1.14	1.28	1.16	8.96	ppb
Calcium	43-1	4027.48	4023.47	4026.49	4025.81	0.05	ppb
Calcium	44-1	4061.08	4068.95	4055.42	4061.82	0.17	ppb
Chromium	52-1	0.31	0.34	0.36	0.34	6.72	ppb
Cobalt	59-2	2.01	2.01	1.99	2.00	0.50	ppb
Copper	63-2	2.00	2.02	2.06	2.02	1.47	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				101		%
Holmium	165-2				102		%
Indium	115-1				103		%
Indium	115-2				107		%
Iron	56-2	129.11	131.77	132.86	131.25	1.47	ppb
Iron	57-2	147.48	140.66	147.34	145.16	2.69	ppb
Krypton	83-1						cps
Lead	206-1	369.82	351.27	372.19	364.43	3.14	ppb
Lead	207-1	332.32	339.58	338.00	336.63	1.13	ppb
Lead	208-1	354.59	352.92	358.86	355.46	0.86	ppb
Lithium	6-1				104		%
Magnesium	24-2	3632.32	3627.26	3633.68	3631.09	0.09	ppb

LB Number :	LB106731	Operator :	Jaswal
Lab Sample ID :	K6058-11DLX5	Instrumnet Name :	P7
Client Sample ID :	MBFR02DL	Dilution Factor :	5
Date & Time Acquired ::	2019-12-12 16:27:39	DataFile Name :	018SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	156.32	157.74	157.97	157.34	0.57	ppb
Molybdenum	94-1	0.19	0.26	0.29	0.25	21.45	ppb
Molybdenum	95-1	0.11	0.08	0.10	0.10	15.52	ppb
Molybdenum	96-1	0.10	0.10	0.13	0.11	13.64	ppb
Molybdenum	97-1	0.10	0.13	0.09	0.11	20.33	ppb
Molybdenum	98-1	0.08	0.10	0.09	0.09	11.58	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	4.58	4.65	4.63	4.62	0.75	ppb
Phosphorus	31-2	-23.73	-29.44	-23.69	-25.62		ppb
Potassium	39-2	875.85	873.06	881.34	876.75	0.48	ppb
Rhodium	103-1				102		%
Rhodium	103-2				110		%
Scandium	45-1				108		%
Scandium	45-2				108		%
Selenium	77-2	0.29	0.29	0.00	0.19	86.61	ppb
Selenium	78-2	-0.30	0.07	0.35	0.04	854.59	ppb
Selenium	82-1	0.15	0.75	0.27	0.39	79.81	ppb
Silicon	28-1	1607.80	1592.67	1593.38	1597.95	0.53	ppb
Silver	109-1	0.02	0.03	0.03	0.03	6.10	ppb
Silver	107-1	0.02	0.03	0.03	0.03	23.41	ppb
Sodium	23-2	7769.36	7771.17	7759.70	7766.74	0.08	ppb
Strontium	86-1	16.04	16.18	16.11	16.11	0.45	ppb
Strontium	88-1	16.11	16.10	16.20	16.14	0.35	ppb
Sulfur	34-1	14919.13	14936.44	14913.68	14923.08	0.08	ppb
Terbium	159-1				102		%
Terbium	159-2				103		%
Thallium	203-1	0.06	0.07	0.08	0.07	14.14	ppb
Thallium	205-1	0.07	0.08	0.08	0.07	7.88	ppb
Thorium	232-1	0.01	0.01	0.01	0.01	23.11	ppb
Tin	118-1	0.03	0.06	0.05	0.05	31.97	ppb
Titanium	47-1	0.23	0.19	0.20	0.21	9.65	ppb
Uranium	238-1	0.01	0.02	0.01	0.01	52.60	ppb
Vanadium	51-2	0.15	0.16	0.14	0.15	6.77	ppb
Yttrium	89-1				105		%
Yttrium	89-2				108		%

LB Number :	LB106731	Operator :	Jaswal
Lab Sample ID :	K6058-11DLX5	Instrumnet Name :	P7
Client Sample ID :	MBFR02DL	Dilution Factor :	5
Date & Time Acquired ::	2019-12-12 16:27:39	DataFile Name :	018SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zinc	66-2	281.67	284.98	284.19	283.61	0.61	ppb
Zirconium	90-1	0.10	0.09	0.10	0.10	8.29	ppb
Zirconium	91-1	0.11	0.09	0.12	0.11	12.61	ppb

LB Number :	LB106731	Operator :	Jaswal
Lab Sample ID :	K6169-16DLREX5	Instrumnet Name :	P7
Client Sample ID :	MC0BY7DL	Dilution Factor :	5
Date & Time Acquired ::	2019-12-12 16:31:15	DataFile Name :	019SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	2.80	2.72	2.30	2.61	10.42	ppb
Antimony	121-1	0.07	0.07	0.07	0.07	0.39	ppb
Arsenic	75-1	1.05	1.24	0.91	1.07	15.32	ppb
Barium	135-1	6.05	5.78	5.78	5.87	2.59	ppb
Barium	137-1	6.02	5.80	5.70	5.84	2.84	ppb
Beryllium	9-1	0.15	0.08	0.03	0.09	67.24	ppb
Bismuth	209-1				98		%
Bismuth	209-2				100		%
Boron	10-1	10.20	9.80	9.77	9.92	2.44	ppb
Boron	11-1	10.35	9.60	9.95	9.97	3.76	ppb
Cadmium	111-1	0.42	0.09	0.27	0.26	61.91	ppb
Cadmium	106-1	4.01	0.59	2.84	2.48	70.07	ppb
Cadmium	108-1	0.10	0.06	0.00	0.05	100.33	ppb
Calcium	43-1	5337.13	5113.40	5130.47	5193.67	2.40	ppb
Calcium	44-1	5322.99	5112.62	5064.48	5166.70	2.66	ppb
Chromium	52-1	0.26	0.18	0.15	0.19	28.69	ppb
Cobalt	59-2	0.03	0.05	0.03	0.04	17.98	ppb
Copper	63-2	0.41	0.41	0.37	0.39	5.90	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				99		%
Holmium	165-2				102		%
Indium	115-1				101		%
Indium	115-2				107		%
Iron	56-2	15.50	15.14	15.58	15.41	1.54	ppb
Iron	57-2	35.13	32.35	35.34	34.27	4.87	ppb
Krypton	83-1						cps
Lead	206-1	0.26	0.16	0.12	0.18	39.75	ppb
Lead	207-1	0.27	0.17	0.11	0.18	43.99	ppb
Lead	208-1	0.26	0.16	0.12	0.18	39.29	ppb
Lithium	6-1				102		%
Magnesium	24-2	998.95	998.09	998.37	998.47	0.04	ppb

LB Number :	LB106731	Operator :	Jaswal
Lab Sample ID :	K6169-16DLREX5	Instrumnet Name :	P7
Client Sample ID :	MC0BY7DL	Dilution Factor :	5
Date & Time Acquired ::	2019-12-12 16:31:15	DataFile Name :	019SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	5.18	5.28	5.36	5.27	1.74	ppb
Molybdenum	94-1	0.15	0.09	0.10	0.11	24.71	ppb
Molybdenum	95-1	0.16	0.12	0.13	0.14	12.61	ppb
Molybdenum	96-1	0.12	0.12	0.11	0.12	6.04	ppb
Molybdenum	97-1	0.15	0.12	0.12	0.13	13.02	ppb
Molybdenum	98-1	0.16	0.13	0.10	0.13	23.90	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.28	0.28	0.28	0.28	0.59	ppb
Phosphorus	31-2	-14.02	-10.81	-16.64	-13.82		ppb
Potassium	39-2	618.42	618.50	622.00	619.64	0.33	ppb
Rhodium	103-1				101		%
Rhodium	103-2				109		%
Scandium	45-1				104		%
Scandium	45-2				107		%
Selenium	77-2	0.00	0.00	0.00	0.00	N/A	ppb
Selenium	78-2	0.09	0.13	-0.16	0.02	791.37	ppb
Selenium	82-1	-0.09	0.12	0.60	0.21	169.00	ppb
Silicon	28-1	508.50	493.00	484.14	495.22	2.49	ppb
Silver	109-1	0.03	0.02	0.04	0.03	25.44	ppb
Silver	107-1	0.02	0.02	0.03	0.02	29.92	ppb
Sodium	23-2	3837.65	3800.43	3867.12	3835.07	0.87	ppb
Strontium	86-1	33.33	31.68	31.65	32.22	2.98	ppb
Strontium	88-1	32.81	31.36	31.41	31.86	2.57	ppb
Sulfur	34-1	1893.01	1657.12	1585.12	1711.75	9.41	ppb
Terbium	159-1				100		%
Terbium	159-2				102		%
Thallium	203-1	0.10	0.06	0.06	0.07	29.75	ppb
Thallium	205-1	0.11	0.08	0.06	0.08	35.35	ppb
Thorium	232-1	0.01	0.01	0.00	0.01	43.67	ppb
Tin	118-1	0.06	0.06	0.04	0.05	27.38	ppb
Titanium	47-1	0.09	0.10	0.10	0.10	6.80	ppb
Uranium	238-1	0.13	0.08	0.05	0.09	48.83	ppb
Vanadium	51-2	0.04	0.04	0.03	0.04	24.57	ppb
Yttrium	89-1				103		%
Yttrium	89-2				107		%

LB Number :	LB106731	Operator :	Jaswal
Lab Sample ID :	K6169-16DLREX5	Instrumnet Name :	P7
Client Sample ID :	MC0BY7DL	Dilution Factor :	5
Date & Time Acquired ::	2019-12-12 16:31:15	DataFile Name :	019SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zinc	66-2	2.43	2.42	2.33	2.40	2.20	ppb
Zirconium	90-1	0.02	0.02	0.02	0.02	21.80	ppb
Zirconium	91-1	0.03	0.02	0.02	0.02	10.92	ppb

LB Number :	LB106731	Operator :	Jaswal
Lab Sample ID :	K6169-16DLX5	Instrumnet Name :	P7
Client Sample ID :	MC0BY7DL	Dilution Factor :	5
Date & Time Acquired ::	2019-12-12 16:41:02	DataFile Name :	020SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	1.90	2.56	3.08	2.51	23.54	ppb
Antimony	121-1	0.04	0.07	0.07	0.06	25.74	ppb
Arsenic	75-1	0.82	0.92	0.99	0.91	9.49	ppb
Barium	135-1	5.42	5.68	5.54	5.55	2.31	ppb
Barium	137-1	5.46	5.57	5.35	5.46	2.06	ppb
Beryllium	9-1	0.01	0.01	0.00	0.01	103.65	ppb
Bismuth	209-1				98		%
Bismuth	209-2				100		%
Boron	10-1	7.03	7.48	7.62	7.38	4.15	ppb
Boron	11-1	7.47	7.68	7.17	7.44	3.44	ppb
Cadmium	111-1	0.04	0.11	0.05	0.06	59.78	ppb
Cadmium	106-1	0.37	1.17	0.49	0.68	63.16	ppb
Cadmium	108-1	0.02	0.02	0.01	0.02	46.16	ppb
Calcium	43-1	4844.92	4932.97	4987.21	4921.70	1.46	ppb
Calcium	44-1	4929.28	4946.22	4950.95	4942.15	0.23	ppb
Chromium	52-1	0.10	0.09	0.07	0.08	19.11	ppb
Cobalt	59-2	0.04	0.04	0.03	0.04	14.77	ppb
Copper	63-2	0.34	0.31	0.36	0.34	8.19	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				100		%
Holmium	165-2				101		%
Indium	115-1				101		%
Indium	115-2				104		%
Iron	56-2	15.21	14.89	14.83	14.98	1.34	ppb
Iron	57-2	31.51	30.73	33.82	32.02	5.03	ppb
Krypton	83-1						cps
Lead	206-1	0.13	0.11	0.09	0.11	18.35	ppb
Lead	207-1	0.15	0.11	0.10	0.12	22.30	ppb
Lead	208-1	0.13	0.11	0.09	0.11	17.83	ppb
Lithium	6-1				100		%
Magnesium	24-2	992.59	997.06	988.88	992.84	0.41	ppb

LB Number :	LB106731	Operator :	Jaswal
Lab Sample ID :	K6169-16DLX5	Instrumnet Name :	P7
Client Sample ID :	MC0BY7DL	Dilution Factor :	5
Date & Time Acquired ::	2019-12-12 16:41:02	DataFile Name :	020SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	5.09	5.29	5.19	5.19	1.89	ppb
Molybdenum	94-1	0.07	0.08	0.06	0.07	11.68	ppb
Molybdenum	95-1	0.05	0.05	0.08	0.06	32.35	ppb
Molybdenum	96-1	0.05	0.07	0.07	0.06	14.10	ppb
Molybdenum	97-1	0.05	0.05	0.06	0.05	17.13	ppb
Molybdenum	98-1	0.04	0.06	0.05	0.05	10.64	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.26	0.25	0.29	0.27	8.29	ppb
Phosphorus	31-2	-15.41	-14.53	-20.65	-16.86		ppb
Potassium	39-2	615.60	612.06	611.75	613.14	0.35	ppb
Rhodium	103-1				101		%
Rhodium	103-2				108		%
Scandium	45-1				104		%
Scandium	45-2				105		%
Selenium	77-2	0.00	0.00	0.00	0.00	N/A	ppb
Selenium	78-2	-0.27	0.28	-0.04	-0.01		ppb
Selenium	82-1	0.04	0.21	-0.05	0.07	188.88	ppb
Silicon	28-1	482.09	484.49	481.94	482.84	0.30	ppb
Silver	109-1	0.01	0.02	0.01	0.01	29.46	ppb
Silver	107-1	0.01	0.02	0.01	0.01	44.48	ppb
Sodium	23-2	3859.54	3850.32	3820.18	3843.35	0.54	ppb
Strontium	86-1	30.87	31.11	30.72	30.90	0.64	ppb
Strontium	88-1	30.23	30.48	30.41	30.37	0.43	ppb
Sulfur	34-1	1865.52	1885.10	1901.26	1883.96	0.95	ppb
Terbium	159-1				100		%
Terbium	159-2				101		%
Thallium	203-1	0.02	0.02	0.02	0.02	18.07	ppb
Thallium	205-1	0.02	0.02	0.02	0.02	7.96	ppb
Thorium	232-1	0.00	0.00	0.01	0.00	16.18	ppb
Tin	118-1	-0.01	0.00	0.00	0.00		ppb
Titanium	47-1	0.14	0.11	0.10	0.11	18.78	ppb
Uranium	238-1	0.01	0.01	0.01	0.01	11.28	ppb
Vanadium	51-2	0.02	0.03	0.03	0.03	17.12	ppb
Yttrium	89-1				102		%
Yttrium	89-2				104		%

LB Number :	LB106731	Operator :	Jaswal
Lab Sample ID :	K6169-16DLX5	Instrumnet Name :	P7
Client Sample ID :	MC0BY7DL	Dilution Factor :	5
Date & Time Acquired ::	2019-12-12 16:41:02	DataFile Name :	020SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zinc	66-2	2.21	2.08	2.30	2.20	5.01	ppb
Zirconium	90-1	0.01	0.02	0.02	0.02	24.62	ppb
Zirconium	91-1	0.02	0.03	0.02	0.02	18.99	ppb

LB Number :	LB106731	Operator :	Jaswal
Lab Sample ID :	CCV88	Instrumnet Name :	P7
Client Sample ID :	CCV88	Dilution Factor :	1
Date & Time Acquired ::	2019-12-12 16:44:39	DataFile Name :	021CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	52332.13	51908.88	52013.83	52084.95	0.42	ppb
Antimony	121-1	518.59	518.94	525.95	521.16	0.80	ppb
Arsenic	75-1	498.08	503.35	508.15	503.19	1.00	ppb
Barium	135-1	2670.68	2706.52	2692.40	2689.87	0.67	ppb
Barium	137-1	2660.81	2701.24	2699.17	2687.07	0.85	ppb
Beryllium	9-1	519.08	521.80	521.37	520.75	0.28	ppb
Bismuth	209-1				84		%
Bismuth	209-2				84		%
Boron	10-1	524.98	540.80	541.70	535.83	1.76	ppb
Boron	11-1	521.28	535.95	534.54	530.59	1.53	ppb
Cadmium	111-1	513.91	518.39	532.60	521.64	1.87	ppb
Cadmium	106-1	519.08	526.73	531.72	525.85	1.21	ppb
Cadmium	108-1	517.56	524.62	530.12	524.10	1.20	ppb
Calcium	43-1	242709.77	246521.11	242796.42	244009.10	0.89	ppb
Calcium	44-1	243589.00	244864.81	243333.62	243929.15	0.34	ppb
Chromium	52-1	527.98	529.68	523.92	527.19	0.56	ppb
Cobalt	59-2	506.71	511.53	509.90	509.38	0.48	ppb
Copper	63-2	1055.25	1053.44	1042.25	1050.31	0.67	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				94		%
Holmium	165-2				95		%
Indium	115-1				89		%
Indium	115-2				93		%
Iron	56-2	124512.34	125342.46	122847.05	124233.95	1.02	ppb
Iron	57-2	125318.87	125648.13	124571.54	125179.51	0.44	ppb
Krypton	83-1						cps
Lead	206-1	534.52	532.01	532.23	532.92	0.26	ppb
Lead	207-1	534.07	533.08	534.30	533.81	0.12	ppb
Lead	208-1	532.70	532.82	532.38	532.64	0.04	ppb
Lithium	6-1				92		%
Magnesium	24-2	248848.51	247063.66	246691.50	247534.56	0.47	ppb

LB Number :	LB106731	Operator :	Jaswal
Lab Sample ID :	CCV88	Instrumnet Name :	P7
Client Sample ID :	CCV88	Dilution Factor :	1
Date & Time Acquired ::	2019-12-12 16:44:39	DataFile Name :	021CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	1041.52	1054.36	1045.29	1047.05	0.63	ppb
Molybdenum	94-1	2663.67	2703.91	2687.91	2685.16	0.75	ppb
Molybdenum	95-1	2681.58	2736.21	2708.79	2708.86	1.01	ppb
Molybdenum	96-1	2677.14	2725.80	2701.14	2701.36	0.90	ppb
Molybdenum	97-1	2687.10	2738.45	2697.17	2707.58	1.00	ppb
Molybdenum	98-1	2681.10	2720.66	2704.45	2702.07	0.74	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	503.38	510.02	508.28	507.23	0.68	ppb
Phosphorus	31-2	3308.56	3459.98	3289.75	3352.76	2.78	ppb
Potassium	39-2	121611.47	120814.34	120249.56	120891.79	0.57	ppb
Rhodium	103-1				84		%
Rhodium	103-2				90		%
Scandium	45-1				95		%
Scandium	45-2				98		%
Selenium	77-2	518.86	532.49	507.18	519.51	2.44	ppb
Selenium	78-2	517.46	509.68	514.69	513.94	0.77	ppb
Selenium	82-1	503.66	510.40	509.83	507.96	0.74	ppb
Silicon	28-1	799.86	823.25	823.79	815.63	1.68	ppb
Silver	109-1	534.25	533.91	537.00	535.05	0.32	ppb
Silver	107-1	532.58	528.72	535.95	532.41	0.68	ppb
Sodium	23-2	250578.74	246834.06	244461.92	247291.58	1.25	ppb
Strontium	86-1	513.58	515.83	516.74	515.38	0.32	ppb
Strontium	88-1	519.13	519.47	519.68	519.43	0.05	ppb
Sulfur	34-1	3094.10	3179.45	3152.83	3142.13	1.39	ppb
Terbium	159-1				94		%
Terbium	159-2				94		%
Thallium	203-1	538.05	538.55	534.40	537.00	0.42	ppb
Thallium	205-1	536.74	534.14	530.88	533.92	0.55	ppb
Thorium	232-1	134.72	135.01	133.80	134.51	0.47	ppb
Tin	118-1	545.15	536.58	548.61	543.45	1.14	ppb
Titanium	47-1	2648.33	2659.54	2659.83	2655.90	0.25	ppb
Uranium	238-1	541.74	541.16	534.01	538.97	0.80	ppb
Vanadium	51-2	520.01	526.52	523.60	523.38	0.62	ppb
Yttrium	89-1				94		%
Yttrium	89-2				98		%

LB Number :	LB106731	Operator :	Jaswal
Lab Sample ID :	CCV88	Instrumnet Name :	P7
Client Sample ID :	CCV88	Dilution Factor :	1
Date & Time Acquired ::	2019-12-12 16:44:39	DataFile Name :	021CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zinc	66-2	1012.52	1015.28	1015.76	1014.52	0.17	ppb
Zirconium	90-1	526.20	528.03	528.04	527.42	0.20	ppb
Zirconium	91-1	505.07	512.15	512.88	510.03	0.85	ppb

LB Number : LB106731 Operator : Jaswal
 Lab Sample ID : CCB88 Instrumnet Name : P7
 Client Sample ID : CCB88 Dilution Factor : 1
 Date & Time Acquired :: 2019-12-12 16:48:22 DataFile Name : 022CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	1.22	0.56	0.99	0.92	36.49	ppb
Antimony	121-1	0.46	0.54	0.60	0.53	13.45	ppb
Arsenic	75-1	0.07	0.09	0.03	0.07	46.08	ppb
Barium	135-1	0.17	0.10	0.07	0.11	49.71	ppb
Barium	137-1	0.19	0.15	0.09	0.14	35.56	ppb
Beryllium	9-1	0.06	0.05	0.05	0.06	6.66	ppb
Bismuth	209-1				98		%
Bismuth	209-2				98		%
Boron	10-1	10.39	10.09	8.32	9.60	11.67	ppb
Boron	11-1	10.71	9.79	8.76	9.75	9.99	ppb
Cadmium	111-1	0.13	0.25	0.16	0.18	34.64	ppb
Cadmium	106-1	1.03	2.70	1.63	1.78	47.51	ppb
Cadmium	108-1	0.07	0.07	0.05	0.06	12.56	ppb
Calcium	43-1	16.63	6.32	7.90	10.28	53.99	ppb
Calcium	44-1	15.94	9.22	5.61	10.26	51.10	ppb
Chromium	52-1	0.02	0.02	0.04	0.03	30.79	ppb
Cobalt	59-2	0.01	0.01	0.01	0.01	14.48	ppb
Copper	63-2	0.00	0.02	0.01	0.01	139.23	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				99		%
Holmium	165-2				99		%
Indium	115-1				100		%
Indium	115-2				102		%
Iron	56-2	3.12	3.25	3.11	3.16	2.48	ppb
Iron	57-2	2.98	3.65	4.11	3.58	15.81	ppb
Krypton	83-1						cps
Lead	206-1	0.08	0.06	0.06	0.07	17.25	ppb
Lead	207-1	0.09	0.06	0.05	0.06	30.74	ppb
Lead	208-1	0.08	0.06	0.05	0.06	19.84	ppb
Lithium	6-1				101		%
Magnesium	24-2	5.48	5.07	5.37	5.30	4.03	ppb

LB Number :	LB106731	Operator :	Jaswal
Lab Sample ID :	CCB88	Instrumnet Name :	P7
Client Sample ID :	CCB88	Dilution Factor :	1
Date & Time Acquired ::	2019-12-12 16:48:22	DataFile Name :	022CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	0.00	0.02	0.01	0.01	111.05	ppb
Molybdenum	94-1	0.51	0.42	0.41	0.45	11.82	ppb
Molybdenum	95-1	0.52	0.51	0.45	0.49	7.93	ppb
Molybdenum	96-1	0.57	0.48	0.38	0.48	20.23	ppb
Molybdenum	97-1	0.59	0.50	0.54	0.54	8.56	ppb
Molybdenum	98-1	0.57	0.48	0.48	0.51	10.65	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.00	-0.01	0.01	0.00	336.93	ppb
Phosphorus	31-2	-34.53	-36.68	-34.36	-35.19		ppb
Potassium	39-2	17.01	16.40	17.11	16.84	2.29	ppb
Rhodium	103-1				100		%
Rhodium	103-2				105		%
Scandium	45-1				103		%
Scandium	45-2				103		%
Selenium	77-2	0.00	0.00	0.00	0.00	N/A	ppb
Selenium	78-2	0.09	0.32	-0.15	0.09	271.73	ppb
Selenium	82-1	0.19	0.07	0.23	0.16	50.22	ppb
Silicon	28-1	3.20	2.75	2.28	2.74	16.82	ppb
Silver	109-1	0.05	0.04	0.03	0.04	28.99	ppb
Silver	107-1	0.05	0.04	0.03	0.04	24.05	ppb
Sodium	23-2	27.39	26.10	25.61	26.37	3.48	ppb
Strontium	86-1	0.03	0.09	0.08	0.07	46.89	ppb
Strontium	88-1	0.03	0.02	0.01	0.02	44.75	ppb
Sulfur	34-1	-417.73	-491.41	-381.93	-430.36		ppb
Terbium	159-1				99		%
Terbium	159-2				99		%
Thallium	203-1	0.11	0.08	0.06	0.09	30.21	ppb
Thallium	205-1	0.11	0.10	0.08	0.10	13.34	ppb
Thorium	232-1	0.04	0.03	0.03	0.03	8.48	ppb
Tin	118-1	0.17	0.22	0.22	0.20	15.23	ppb
Titanium	47-1	0.21	0.18	0.17	0.19	10.80	ppb
Uranium	238-1	0.04	0.04	0.02	0.03	29.06	ppb
Vanadium	51-2	0.01	0.01	0.01	0.01	28.03	ppb
Yttrium	89-1				101		%
Yttrium	89-2				102		%

LB Number :	LB106731	Operator :	Jaswal
Lab Sample ID :	CCB88	Instrumnet Name :	P7
Client Sample ID :	CCB88	Dilution Factor :	1
Date & Time Acquired ::	2019-12-12 16:48:22	DataFile Name :	022CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zinc	66-2	-0.88	-0.87	-0.71	-0.82		ppb
Zirconium	90-1	0.06	0.07	0.08	0.07	9.33	ppb
Zirconium	91-1	0.05	0.07	0.07	0.06	16.36	ppb

LB Number :	LB106731	Operator :	Jaswal
Lab Sample ID :	CRI	Instrumnet Name :	P7
Client Sample ID :	CRI	Dilution Factor :	1
Date & Time Acquired ::	2019-12-12 17:23:11	DataFile Name :	023SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	20.71	22.07	21.91	21.56	3.45	ppb
Antimony	121-1	1.90	1.93	2.02	1.95	3.15	ppb
Arsenic	75-1	0.77	0.95	1.15	0.96	19.67	ppb
Barium	135-1	10.07	9.64	9.84	9.85	2.21	ppb
Barium	137-1	9.51	9.86	9.91	9.76	2.22	ppb
Beryllium	9-1	0.99	0.87	0.97	0.94	6.99	ppb
Bismuth	209-1				98		%
Bismuth	209-2				100		%
Boron	10-1	23.13	24.93	23.68	23.91	3.86	ppb
Boron	11-1	23.81	24.34	24.70	24.29	1.84	ppb
Cadmium	111-1	0.97	0.96	1.13	1.02	9.31	ppb
Cadmium	106-1	1.09	1.00	2.90	1.66	64.26	ppb
Cadmium	108-1	1.00	0.96	1.12	1.03	8.24	ppb
Calcium	43-1	486.62	477.89	493.14	485.88	1.57	ppb
Calcium	44-1	485.80	485.96	488.09	486.62	0.26	ppb
Chromium	52-1	1.92	1.91	1.93	1.92	0.65	ppb
Cobalt	59-2	0.98	1.02	1.05	1.02	3.38	ppb
Copper	63-2	1.95	1.97	1.93	1.95	1.08	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				100		%
Indium	115-1				101		%
Indium	115-2				102		%
Iron	56-2	54.30	54.09	54.01	54.13	0.28	ppb
Iron	57-2	58.20	61.24	57.34	58.93	3.47	ppb
Krypton	83-1						cps
Lead	206-1	0.87	0.81	0.82	0.83	3.52	ppb
Lead	207-1	0.90	0.91	0.86	0.89	3.13	ppb
Lead	208-1	0.88	0.87	0.87	0.87	0.82	ppb
Lithium	6-1				103		%
Magnesium	24-2	555.95	555.76	558.14	556.61	0.24	ppb

LB Number :	LB106731	Operator :	Jaswal
Lab Sample ID :	CRI	Instrumnet Name :	P7
Client Sample ID :	CRI	Dilution Factor :	1
Date & Time Acquired ::	2019-12-12 17:23:11	DataFile Name :	023SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	0.98	0.98	1.07	1.01	5.49	ppb
Molybdenum	94-1	4.80	4.63	4.60	4.68	2.26	ppb
Molybdenum	95-1	4.80	4.87	4.79	4.82	0.87	ppb
Molybdenum	96-1	4.89	4.95	4.99	4.95	1.00	ppb
Molybdenum	97-1	4.88	4.91	5.01	4.93	1.41	ppb
Molybdenum	98-1	4.82	4.95	4.86	4.88	1.39	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	1.06	1.04	1.00	1.03	2.62	ppb
Phosphorus	31-2	3.49	30.40	14.75	16.22	83.34	ppb
Potassium	39-2	515.03	508.90	509.75	511.22	0.65	ppb
Rhodium	103-1				100		%
Rhodium	103-2				108		%
Scandium	45-1				103		%
Scandium	45-2				105		%
Selenium	77-2	5.85	4.27	4.83	4.98	16.17	ppb
Selenium	78-2	5.68	5.91	5.24	5.61	6.08	ppb
Selenium	82-1	5.58	5.85	5.52	5.65	3.17	ppb
Silicon	28-1	9.83	9.74	9.91	9.83	0.86	ppb
Silver	109-1	1.03	1.03	1.03	1.03	0.19	ppb
Silver	107-1	1.06	1.04	1.07	1.06	1.89	ppb
Sodium	23-2	527.39	520.20	531.91	526.50	1.12	ppb
Strontium	86-1	0.94	0.98	1.10	1.01	8.46	ppb
Strontium	88-1	0.94	0.97	0.96	0.96	1.43	ppb
Sulfur	34-1	266.77	192.87	244.85	234.83	16.16	ppb
Terbium	159-1				100		%
Terbium	159-2				101		%
Thallium	203-1	0.86	0.87	0.84	0.86	1.43	ppb
Thallium	205-1	0.89	0.89	0.88	0.89	0.62	ppb
Thorium	232-1	0.81	0.79	0.81	0.80	1.42	ppb
Tin	118-1	5.06	4.89	5.21	5.06	3.14	ppb
Titanium	47-1	5.03	4.65	5.11	4.93	5.02	ppb
Uranium	238-1	0.83	0.84	0.86	0.84	1.32	ppb
Vanadium	51-2	5.04	5.17	5.25	5.15	2.03	ppb
Yttrium	89-1				101		%
Yttrium	89-2				103		%

LB Number :	LB106731	Operator :	Jaswal
Lab Sample ID :	CRI	Instrumnet Name :	P7
Client Sample ID :	CRI	Dilution Factor :	1
Date & Time Acquired ::	2019-12-12 17:23:11	DataFile Name :	023SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zinc	66-2	1.21	1.46	1.46	1.38	10.60	ppb
Zirconium	90-1	0.90	0.86	0.87	0.88	2.02	ppb
Zirconium	91-1	0.91	0.86	0.89	0.89	2.71	ppb

LB Number : LB106731 Operator : Jaswal
 Lab Sample ID : PB125430BL Instrumnet Name : P7
 Client Sample ID : PB125430BL Dilution Factor : 1
 Date & Time Acquired :: 2019-12-12 17:28:36 DataFile Name : 024CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	-0.20	-0.33	-0.33	-0.29		ppb
Antimony	121-1	0.01	0.01	0.01	0.01	19.86	ppb
Arsenic	75-1	-0.04	-0.03	0.04	-0.01		ppb
Barium	135-1	-0.01	-0.02	-0.01	-0.01		ppb
Barium	137-1	-0.01	-0.01	-0.02	-0.01		ppb
Beryllium	9-1	0.00	-0.01	-0.01	-0.01		ppb
Bismuth	209-1				98		%
Bismuth	209-2				99		%
Boron	10-1	1.00	0.75	0.80	0.85	15.22	ppb
Boron	11-1	0.95	0.80	1.01	0.92	11.49	ppb
Cadmium	111-1	0.01	0.08	0.08	0.06	70.28	ppb
Cadmium	106-1	0.20	1.05	0.99	0.75	63.72	ppb
Cadmium	108-1	0.05	0.04	0.05	0.05	16.15	ppb
Calcium	43-1	-1.30	-3.40	-3.43	-2.71		ppb
Calcium	44-1	-2.58	-4.37	-3.64	-3.53		ppb
Chromium	52-1	0.01	-0.01	0.00	0.00	707.65	ppb
Cobalt	59-2	-0.01	0.00	0.00	-0.01		ppb
Copper	63-2	-0.08	-0.09	-0.08	-0.09		ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				98		%
Holmium	165-2				100		%
Indium	115-1				100		%
Indium	115-2				102		%
Iron	56-2	-0.46	-0.37	-0.41	-0.41		ppb
Iron	57-2	-0.40	0.37	0.30	0.09	469.59	ppb
Krypton	83-1						cps
Lead	206-1	-0.01	-0.02	-0.02	-0.02		ppb
Lead	207-1	-0.02	-0.01	-0.01	-0.01		ppb
Lead	208-1	-0.02	-0.01	-0.02	-0.02		ppb
Lithium	6-1				103		%
Magnesium	24-2	-0.39	-0.36	-0.55	-0.43		ppb

LB Number :	LB106731	Operator :	Jaswal
Lab Sample ID :	PB125430BL	Instrumnet Name :	P7
Client Sample ID :	PB125430BL	Dilution Factor :	1
Date & Time Acquired ::	2019-12-12 17:28:36	DataFile Name :	024CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	-0.03	-0.02	-0.03	-0.03		ppb
Molybdenum	94-1	0.01	0.06	0.02	0.03	100.40	ppb
Molybdenum	95-1	0.00	-0.01	0.00	0.00		ppb
Molybdenum	96-1	-0.01	0.00	-0.01	0.00		ppb
Molybdenum	97-1	0.01	0.00	0.00	0.00	157.60	ppb
Molybdenum	98-1	-0.01	0.00	0.00	0.00		ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	-0.01	-0.01	-0.02	-0.02		ppb
Phosphorus	31-2	-32.17	-33.35	-41.68	-35.73		ppb
Potassium	39-2	1.81	3.40	3.59	2.93	33.24	ppb
Rhodium	103-1				99		%
Rhodium	103-2				107		%
Scandium	45-1				103		%
Scandium	45-2				104		%
Selenium	77-2	0.00	0.00	0.00	0.00	N/A	ppb
Selenium	78-2	-0.20	0.15	-0.10	-0.05		ppb
Selenium	82-1	0.30	-0.16	-0.01	0.04	577.56	ppb
Silicon	28-1	-0.34	-0.09	0.11	-0.11		ppb
Silver	109-1	0.00	0.00	0.00	0.00	236.42	ppb
Silver	107-1	-0.01	0.00	-0.01	-0.01		ppb
Sodium	23-2	1.94	1.11	1.71	1.58	27.10	ppb
Strontium	86-1	0.02	0.05	0.04	0.04	38.45	ppb
Strontium	88-1	-0.01	0.00	-0.01	-0.01		ppb
Sulfur	34-1	110.04	71.69	172.55	118.09	43.11	ppb
Terbium	159-1				99		%
Terbium	159-2				100		%
Thallium	203-1	0.00	0.00	0.00	0.00		ppb
Thallium	205-1	0.00	0.00	0.00	0.00	181.57	ppb
Thorium	232-1	0.01	0.01	0.01	0.01	21.69	ppb
Tin	118-1	-0.02	-0.02	-0.02	-0.02		ppb
Titanium	47-1	0.01	0.01	-0.01	0.00	478.90	ppb
Uranium	238-1	0.00	0.00	0.00	0.00	214.86	ppb
Vanadium	51-2	0.00	0.00	0.00	0.00		ppb
Yttrium	89-1				101		%
Yttrium	89-2				102		%

LB Number :	LB106731	Operator :	Jaswal
Lab Sample ID :	PB125430BL	Instrumnet Name :	P7
Client Sample ID :	PB125430BL	Dilution Factor :	1
Date & Time Acquired ::	2019-12-12 17:28:36	DataFile Name :	024CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zinc	66-2	-1.05	-0.83	-0.82	-0.90		ppb
Zirconium	90-1	0.01	0.02	0.02	0.02	22.19	ppb
Zirconium	91-1	0.01	0.00	0.00	0.00	83.50	ppb

LB Number :	LB106731	Operator :	Jaswal
Lab Sample ID :	PB125430BS	Instrumnet Name :	P7
Client Sample ID :	PB125430BS	Dilution Factor :	1
Date & Time Acquired ::	2019-12-12 17:32:14	DataFile Name :	025LCS6.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	9999.07	9964.96	9972.99	9979.01	0.18	ppb
Antimony	121-1	497.28	499.56	518.03	504.96	2.25	ppb
Arsenic	75-1	496.20	492.98	519.23	502.80	2.85	ppb
Barium	135-1	2476.50	2467.19	2569.85	2504.51	2.27	ppb
Barium	137-1	2482.34	2462.02	2588.09	2510.82	2.70	ppb
Beryllium	9-1	489.38	493.14	511.52	498.01	2.38	ppb
Bismuth	209-1				93		%
Bismuth	209-2				91		%
Boron	10-1	472.07	476.28	502.15	483.50	3.37	ppb
Boron	11-1	461.27	477.55	498.01	478.94	3.84	ppb
Cadmium	111-1	477.95	486.45	507.04	490.48	3.05	ppb
Cadmium	106-1	492.23	489.81	512.46	498.17	2.50	ppb
Cadmium	108-1	486.58	490.76	504.72	494.02	1.92	ppb
Calcium	43-1	49644.02	50209.29	52978.35	50943.89	3.50	ppb
Calcium	44-1	50616.90	50916.69	53249.14	51594.24	2.79	ppb
Chromium	52-1	484.71	492.51	509.69	495.64	2.58	ppb
Cobalt	59-2	498.93	496.77	492.16	495.95	0.70	ppb
Copper	63-2	954.90	948.39	943.88	949.06	0.58	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				96		%
Indium	115-1				94		%
Indium	115-2				97		%
Iron	56-2	26341.24	26174.08	25934.40	26149.90	0.78	ppb
Iron	57-2	26348.07	26206.23	26109.09	26221.13	0.46	ppb
Krypton	83-1						cps
Lead	206-1	487.43	486.15	511.06	494.88	2.83	ppb
Lead	207-1	487.43	485.54	510.83	494.60	2.85	ppb
Lead	208-1	486.55	487.76	507.83	494.05	2.42	ppb
Lithium	6-1				95		%
Magnesium	24-2	53143.79	52424.87	52242.72	52603.79	0.91	ppb

LB Number :	LB106731	Operator :	Jaswal
Lab Sample ID :	PB125430BS	Instrumnet Name :	P7
Client Sample ID :	PB125430BS	Dilution Factor :	1
Date & Time Acquired ::	2019-12-12 17:32:14	DataFile Name :	025LCS6.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	1002.03	1003.96	991.53	999.17	0.67	ppb
Molybdenum	94-1	2439.27	2425.98	2554.47	2473.24	2.86	ppb
Molybdenum	95-1	2437.73	2424.26	2556.18	2472.72	2.94	ppb
Molybdenum	96-1	2409.01	2430.38	2562.44	2467.27	3.37	ppb
Molybdenum	97-1	2414.91	2428.05	2555.94	2466.30	3.16	ppb
Molybdenum	98-1	2422.49	2432.79	2560.12	2471.80	3.10	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	501.58	499.32	497.00	499.30	0.46	ppb
Phosphorus	31-2	10183.76	10002.32	9980.45	10055.51	1.11	ppb
Potassium	39-2	25174.59	24860.28	24731.01	24921.96	0.92	ppb
Rhodium	103-1				91		%
Rhodium	103-2				97		%
Scandium	45-1				96		%
Scandium	45-2				98		%
Selenium	77-2	511.24	498.51	488.44	499.40	2.29	ppb
Selenium	78-2	513.54	507.53	523.33	514.80	1.55	ppb
Selenium	82-1	491.56	502.08	524.75	506.13	3.35	ppb
Silicon	28-1	515.88	528.39	551.56	531.94	3.40	ppb
Silver	109-1	490.25	495.65	512.13	499.35	2.28	ppb
Silver	107-1	499.47	493.88	514.84	502.73	2.16	ppb
Sodium	23-2	52715.22	51829.54	51444.46	51996.41	1.25	ppb
Strontium	86-1	488.08	488.75	517.42	498.08	3.36	ppb
Strontium	88-1	489.51	487.11	516.77	497.80	3.31	ppb
Sulfur	34-1	9861.91	9881.55	10549.21	10097.56	3.87	ppb
Terbium	159-1				98		%
Terbium	159-2				96		%
Thallium	203-1	485.52	485.70	511.46	494.23	3.02	ppb
Thallium	205-1	483.73	479.97	508.91	490.87	3.21	ppb
Thorium	232-1	475.44	475.57	506.05	485.69	3.63	ppb
Tin	118-1	494.80	500.47	519.57	504.95	2.57	ppb
Titanium	47-1	2417.32	2446.92	2549.18	2471.14	2.80	ppb
Uranium	238-1	478.54	474.54	500.65	484.58	2.90	ppb
Vanadium	51-2	497.12	492.39	491.85	493.79	0.59	ppb
Yttrium	89-1				96		%
Yttrium	89-2				98		%

LB Number :	LB106731	Operator :	Jaswal
Lab Sample ID :	PB125430BS	Instrumnet Name :	P7
Client Sample ID :	PB125430BS	Dilution Factor :	1
Date & Time Acquired ::	2019-12-12 17:32:14	DataFile Name :	025LCS6.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zinc	66-2	995.45	989.32	992.25	992.34	0.31	ppb
Zirconium	90-1	484.05	489.47	514.67	496.06	3.29	ppb
Zirconium	91-1	470.30	474.18	501.66	482.04	3.55	ppb

LB Number :	LB106731	Operator :	Jaswal
Lab Sample ID :	K6219-01	Instrumnet Name :	P7
Client Sample ID :	391202021.0	Dilution Factor :	1
Date & Time Acquired ::	2019-12-12 17:35:52	DataFile Name :	026SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	3.40	3.01	3.08	3.16	6.57	ppb
Antimony	121-1	0.60	0.65	0.68	0.64	6.11	ppb
Arsenic	75-1	4.69	5.05	5.78	5.17	10.76	ppb
Barium	135-1	558.07	566.15	564.34	562.85	0.75	ppb
Barium	137-1	560.71	560.86	556.62	559.40	0.43	ppb
Beryllium	9-1	0.03	0.04	0.03	0.03	27.17	ppb
Bismuth	209-1				105		%
Bismuth	209-2				103		%
Boron	10-1	66.88	68.95	64.95	66.93	2.99	ppb
Boron	11-1	65.62	67.33	65.03	66.00	1.81	ppb
Cadmium	111-1	0.14	0.17	0.27	0.19	33.78	ppb
Cadmium	106-1	0.87	1.10	1.98	1.32	44.30	ppb
Cadmium	108-1	0.12	0.12	0.13	0.12	4.59	ppb
Calcium	43-1	57183.32	57214.51	56779.31	57059.05	0.43	ppb
Calcium	44-1	59114.98	58867.56	58153.41	58711.98	0.85	ppb
Chromium	52-1	0.12	0.15	0.16	0.14	14.44	ppb
Cobalt	59-2	0.03	0.03	0.02	0.03	21.15	ppb
Copper	63-2	8.90	8.99	9.11	9.00	1.12	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				108		%
Holmium	165-2				107		%
Indium	115-1				107		%
Indium	115-2				107		%
Iron	56-2	1.71	1.86	1.70	1.76	5.05	ppb
Iron	57-2	191.89	193.50	185.75	190.38	2.15	ppb
Krypton	83-1						cps
Lead	206-1	0.47	0.47	0.47	0.47	0.40	ppb
Lead	207-1	0.47	0.48	0.47	0.47	1.27	ppb
Lead	208-1	0.47	0.46	0.46	0.47	1.10	ppb
Lithium	6-1				106		%
Magnesium	24-2	14027.21	14113.45	14024.97	14055.21	0.36	ppb

LB Number :	LB106731	Operator :	Jaswal
Lab Sample ID :	K6219-01	Instrumnet Name :	P7
Client Sample ID :	391202021.0	Dilution Factor :	1
Date & Time Acquired ::	2019-12-12 17:35:52	DataFile Name :	026SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	0.05	0.07	0.05	0.06	24.90	ppb
Molybdenum	94-1	0.37	0.37	0.41	0.38	5.69	ppb
Molybdenum	95-1	0.51	0.42	0.53	0.48	11.98	ppb
Molybdenum	96-1	0.48	0.49	0.52	0.50	3.94	ppb
Molybdenum	97-1	0.52	0.52	0.47	0.50	6.11	ppb
Molybdenum	98-1	0.50	0.50	0.51	0.50	1.97	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.08	0.07	0.06	0.07	11.63	ppb
Phosphorus	31-2	-9.56	26.76	-14.31	0.96	2338.07	ppb
Potassium	39-2	1293.97	1315.29	1279.84	1296.36	1.38	ppb
Rhodium	103-1				104		%
Rhodium	103-2				111		%
Scandium	45-1				109		%
Scandium	45-2				110		%
Selenium	77-2	0.58	1.15	0.29	0.67	65.43	ppb
Selenium	78-2	-0.17	-0.04	0.23	0.01	2997.47	ppb
Selenium	82-1	0.24	0.41	0.44	0.36	29.63	ppb
Silicon	28-1	9863.78	9775.70	9659.72	9766.40	1.05	ppb
Silver	109-1	0.10	0.13	0.19	0.14	34.29	ppb
Silver	107-1	0.11	0.14	0.19	0.14	28.13	ppb
Sodium	23-2	13041.66	13036.85	12859.00	12979.17	0.80	ppb
Strontium	86-1	141.86	141.31	142.68	141.95	0.49	ppb
Strontium	88-1	141.20	141.03	141.79	141.34	0.28	ppb
Sulfur	34-1	2806.11	2811.39	2698.08	2771.86	2.31	ppb
Terbium	159-1				109		%
Terbium	159-2				107		%
Thallium	203-1	0.66	0.59	0.49	0.58	14.70	ppb
Thallium	205-1	0.70	0.59	0.50	0.60	16.42	ppb
Thorium	232-1	0.05	0.04	0.04	0.04	6.18	ppb
Tin	118-1	0.25	0.28	0.25	0.26	7.03	ppb
Titanium	47-1	0.78	0.77	0.82	0.79	3.46	ppb
Uranium	238-1	1.12	1.09	1.09	1.10	1.60	ppb
Vanadium	51-2	5.28	5.23	5.17	5.23	1.06	ppb
Yttrium	89-1				108		%
Yttrium	89-2				109		%

LB Number :	LB106731	Operator :	Jaswal
Lab Sample ID :	K6219-01	Instrumnet Name :	P7
Client Sample ID :	391202021.0	Dilution Factor :	1
Date & Time Acquired ::	2019-12-12 17:35:52	DataFile Name :	026SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zinc	66-2	5.32	5.21	5.52	5.35	2.92	ppb
Zirconium	90-1	0.03	0.04	0.04	0.04	18.72	ppb
Zirconium	91-1	0.02	0.04	0.03	0.03	33.93	ppb

LB Number :	LB106731	Operator :	Jaswal
Lab Sample ID :	K6220-01	Instrumnet Name :	P7
Client Sample ID :	391205119.9	Dilution Factor :	1
Date & Time Acquired ::	2019-12-12 17:39:28	DataFile Name :	027SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	237.07	250.98	246.73	244.93	2.91	ppb
Antimony	121-1	0.46	0.51	0.49	0.49	5.61	ppb
Arsenic	75-1	6.66	6.32	6.87	6.62	4.25	ppb
Barium	135-1	47.89	47.60	48.60	48.03	1.07	ppb
Barium	137-1	48.46	47.97	48.54	48.32	0.64	ppb
Beryllium	9-1	0.05	0.05	0.08	0.06	24.79	ppb
Bismuth	209-1				107		%
Bismuth	209-2				100		%
Boron	10-1	133.35	135.53	138.42	135.77	1.87	ppb
Boron	11-1	136.35	136.58	138.76	137.23	0.97	ppb
Cadmium	111-1	0.22	0.08	0.08	0.13	63.65	ppb
Cadmium	106-1	1.73	0.24	0.33	0.77	108.75	ppb
Cadmium	108-1	0.11	0.12	0.27	0.17	51.57	ppb
Calcium	43-1	105041.06	103515.71	105582.91	104713.22	1.02	ppb
Calcium	44-1	104482.19	103624.26	105916.16	104674.20	1.11	ppb
Chromium	52-1	2.05	2.03	2.14	2.07	2.83	ppb
Cobalt	59-2	0.31	0.31	0.30	0.31	1.99	ppb
Copper	63-2	15.73	16.36	16.58	16.22	2.71	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				111		%
Holmium	165-2				104		%
Indium	115-1				110		%
Indium	115-2				105		%
Iron	56-2	1283.12	1276.89	1350.53	1303.51	3.13	ppb
Iron	57-2	1622.55	1703.18	1690.91	1672.21	2.60	ppb
Krypton	83-1						cps
Lead	206-1	3.75	3.70	3.76	3.74	0.89	ppb
Lead	207-1	3.57	3.59	3.72	3.63	2.30	ppb
Lead	208-1	3.67	3.64	3.75	3.69	1.59	ppb
Lithium	6-1				107		%
Magnesium	24-2	30038.14	31223.03	31511.54	30924.24	2.52	ppb

LB Number :	LB106731	Operator :	Jaswal
Lab Sample ID :	K6220-01	Instrumnet Name :	P7
Client Sample ID :	391205119.9	Dilution Factor :	1
Date & Time Acquired ::	2019-12-12 17:39:28	DataFile Name :	027SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	27.13	28.24	28.21	27.86	2.27	ppb
Molybdenum	94-1	0.60	0.62	0.61	0.61	2.43	ppb
Molybdenum	95-1	0.52	0.54	0.49	0.52	4.63	ppb
Molybdenum	96-1	0.56	0.54	0.52	0.54	3.10	ppb
Molybdenum	97-1	0.61	0.51	0.47	0.53	13.14	ppb
Molybdenum	98-1	0.52	0.56	0.53	0.54	3.67	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	1.94	1.99	1.92	1.95	1.76	ppb
Phosphorus	31-2	6.56	3.08	-12.51	-0.96		ppb
Potassium	39-2	4968.05	5114.97	5147.03	5076.69	1.88	ppb
Rhodium	103-1				106		%
Rhodium	103-2				107		%
Scandium	45-1				112		%
Scandium	45-2				107		%
Selenium	77-2	1.44	1.50	1.50	1.48	2.18	ppb
Selenium	78-2	1.06	1.52	1.60	1.39	20.73	ppb
Selenium	82-1	1.00	1.26	0.98	1.08	14.36	ppb
Silicon	28-1	12209.80	11846.42	12219.82	12092.01	1.76	ppb
Silver	109-1	0.18	0.22	0.21	0.20	8.13	ppb
Silver	107-1	0.17	0.19	0.21	0.19	8.95	ppb
Sodium	23-2	13737.76	14310.71	14363.48	14137.32	2.45	ppb
Strontium	86-1	264.10	264.33	270.86	266.43	1.44	ppb
Strontium	88-1	268.64	263.64	271.31	267.87	1.45	ppb
Sulfur	34-1	11145.13	10838.74	11364.84	11116.24	2.38	ppb
Terbium	159-1				112		%
Terbium	159-2				105		%
Thallium	203-1	0.15	0.17	0.17	0.16	8.49	ppb
Thallium	205-1	0.15	0.16	0.17	0.16	4.73	ppb
Thorium	232-1	0.05	0.05	0.05	0.05	3.22	ppb
Tin	118-1	0.85	0.87	0.85	0.86	1.06	ppb
Titanium	47-1	17.34	17.25	18.13	17.58	2.73	ppb
Uranium	238-1	3.68	3.62	3.75	3.68	1.78	ppb
Vanadium	51-2	6.93	7.10	7.24	7.09	2.20	ppb
Yttrium	89-1				111		%
Yttrium	89-2				106		%

LB Number :	LB106731	Operator :	Jaswal
Lab Sample ID :	K6220-01	Instrumnet Name :	P7
Client Sample ID :	391205119.9	Dilution Factor :	1
Date & Time Acquired ::	2019-12-12 17:39:28	DataFile Name :	027SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zinc	66-2	87.17	90.28	91.49	89.65	2.49	ppb
Zirconium	90-1	0.13	0.13	0.14	0.13	2.68	ppb
Zirconium	91-1	0.13	0.13	0.14	0.13	4.98	ppb

LB Number :	LB106731	Operator :	Jaswal
Lab Sample ID :	K6219-01DUP	Instrumnet Name :	P7
Client Sample ID :	391202021.0DUP	Dilution Factor :	1
Date & Time Acquired ::	2019-12-12 17:43:06	DataFile Name :	028SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	2.08	3.20	2.40	2.56	22.70	ppb
Antimony	121-1	0.28	0.31	0.30	0.30	3.85	ppb
Arsenic	75-1	7.89	8.39	8.47	8.25	3.83	ppb
Barium	135-1	550.39	560.45	546.86	552.57	1.28	ppb
Barium	137-1	548.04	557.03	543.27	549.45	1.27	ppb
Beryllium	9-1	0.01	0.01	0.01	0.01	44.66	ppb
Bismuth	209-1				106		%
Bismuth	209-2				101		%
Boron	10-1	61.89	61.11	63.02	62.01	1.55	ppb
Boron	11-1	61.41	62.04	61.90	61.78	0.53	ppb
Cadmium	111-1	0.02	0.08	0.03	0.04	79.84	ppb
Cadmium	106-1	-0.10	0.70	-0.06	0.18	252.80	ppb
Cadmium	108-1	0.07	0.02	0.11	0.06	69.32	ppb
Calcium	43-1	56404.37	57506.02	55960.05	56623.48	1.41	ppb
Calcium	44-1	57466.27	58607.20	57235.26	57769.58	1.27	ppb
Chromium	52-1	0.22	0.28	0.21	0.24	17.00	ppb
Cobalt	59-2	0.02	0.02	0.02	0.02	20.06	ppb
Copper	63-2	8.78	9.07	8.86	8.90	1.70	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				108		%
Holmium	165-2				104		%
Indium	115-1				106		%
Indium	115-2				103		%
Iron	56-2	1.08	1.36	1.13	1.19	12.61	ppb
Iron	57-2	184.69	195.01	188.11	189.27	2.78	ppb
Krypton	83-1						cps
Lead	206-1	0.37	0.33	0.35	0.35	4.74	ppb
Lead	207-1	0.38	0.36	0.35	0.36	4.42	ppb
Lead	208-1	0.36	0.36	0.36	0.36	1.21	ppb
Lithium	6-1				101		%
Magnesium	24-2	13926.08	14580.25	14017.74	14174.69	2.50	ppb

LB Number :	LB106731	Operator :	Jaswal
Lab Sample ID :	K6219-01DUP	Instrumnet Name :	P7
Client Sample ID :	391202021.0DUP	Dilution Factor :	1
Date & Time Acquired ::	2019-12-12 17:43:06	DataFile Name :	028SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	0.06	0.04	0.04	0.05	19.65	ppb
Molybdenum	94-1	0.15	0.13	0.10	0.13	22.81	ppb
Molybdenum	95-1	0.14	0.14	0.16	0.15	10.09	ppb
Molybdenum	96-1	0.16	0.15	0.15	0.16	3.15	ppb
Molybdenum	97-1	0.17	0.19	0.15	0.17	11.23	ppb
Molybdenum	98-1	0.13	0.16	0.17	0.15	12.03	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.08	0.10	0.09	0.09	14.19	ppb
Phosphorus	31-2	-2.50	-0.59	-4.68	-2.59		ppb
Potassium	39-2	1265.68	1311.56	1288.47	1288.57	1.78	ppb
Rhodium	103-1				102		%
Rhodium	103-2				107		%
Scandium	45-1				105		%
Scandium	45-2				103		%
Selenium	77-2	0.00	0.31	0.00	0.10	173.21	ppb
Selenium	78-2	0.38	-0.09	0.13	0.14	166.16	ppb
Selenium	82-1	0.22	0.17	0.40	0.26	46.17	ppb
Silicon	28-1	9501.84	9696.33	9413.27	9537.14	1.52	ppb
Silver	109-1	0.09	0.11	0.10	0.10	7.32	ppb
Silver	107-1	0.09	0.10	0.12	0.11	14.25	ppb
Sodium	23-2	12885.58	13391.70	12879.10	13052.13	2.25	ppb
Strontium	86-1	138.99	143.07	140.18	140.75	1.49	ppb
Strontium	88-1	140.52	140.82	137.90	139.75	1.15	ppb
Sulfur	34-1	2622.23	2836.90	2585.49	2681.54	5.06	ppb
Terbium	159-1				108		%
Terbium	159-2				104		%
Thallium	203-1	0.05	0.05	0.04	0.05	13.90	ppb
Thallium	205-1	0.06	0.05	0.05	0.06	14.62	ppb
Thorium	232-1	0.00	0.01	0.00	0.00	264.51	ppb
Tin	118-1	0.08	0.11	0.08	0.09	15.31	ppb
Titanium	47-1	0.77	0.77	0.63	0.72	11.54	ppb
Uranium	238-1	1.06	1.07	1.09	1.07	1.27	ppb
Vanadium	51-2	5.21	5.46	5.26	5.31	2.49	ppb
Yttrium	89-1				106		%
Yttrium	89-2				103		%

LB Number :	LB106731	Operator :	Jaswal
Lab Sample ID :	K6219-01DUP	Instrumnet Name :	P7
Client Sample ID :	391202021.0DUP	Dilution Factor :	1
Date & Time Acquired ::	2019-12-12 17:43:06	DataFile Name :	028SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zinc	66-2	5.82	6.10	5.59	5.84	4.35	ppb
Zirconium	90-1	0.01	0.01	0.01	0.01	7.53	ppb
Zirconium	91-1	0.01	0.00	0.02	0.01	104.19	ppb

LB Number :	LB106731	Operator :	Jaswal
Lab Sample ID :	K6219-01LX5	Instrumnet Name :	P7
Client Sample ID :	391202021.0L	Dilution Factor :	5
Date & Time Acquired ::	2019-12-12 17:46:42	DataFile Name :	029SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	0.34	0.28	0.89	0.51	66.48	ppb
Antimony	121-1	0.04	0.04	0.05	0.04	19.61	ppb
Arsenic	75-1	1.86	2.25	2.22	2.11	10.32	ppb
Barium	135-1	111.72	112.07	111.43	111.74	0.29	ppb
Barium	137-1	112.60	113.28	111.58	112.49	0.76	ppb
Beryllium	9-1	0.01	0.00	0.00	0.00	322.62	ppb
Bismuth	209-1				99		%
Bismuth	209-2				97		%
Boron	10-1	16.15	15.46	15.68	15.76	2.25	ppb
Boron	11-1	15.84	15.85	15.85	15.85	0.06	ppb
Cadmium	111-1	0.08	0.01	0.09	0.06	71.05	ppb
Cadmium	106-1	0.95	0.01	1.11	0.69	86.36	ppb
Cadmium	108-1	0.02	0.04	0.01	0.02	59.91	ppb
Calcium	43-1	11422.99	11282.10	11424.80	11376.63	0.72	ppb
Calcium	44-1	11553.67	11513.43	11624.59	11563.90	0.49	ppb
Chromium	52-1	0.11	0.10	0.08	0.10	16.04	ppb
Cobalt	59-2	0.00	0.00	0.00	0.00		ppb
Copper	63-2	1.81	1.81	1.83	1.82	0.70	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				99		%
Holmium	165-2				98		%
Indium	115-1				98		%
Indium	115-2				99		%
Iron	56-2	-0.04	-0.09	-0.06	-0.06		ppb
Iron	57-2	36.01	38.60	39.38	38.00	4.64	ppb
Krypton	83-1						cps
Lead	206-1	0.11	0.11	0.11	0.11	0.93	ppb
Lead	207-1	0.13	0.13	0.11	0.13	10.89	ppb
Lead	208-1	0.11	0.11	0.11	0.11	3.80	ppb
Lithium	6-1				91		%
Magnesium	24-2	2778.01	2773.36	2841.74	2797.70	1.37	ppb

LB Number :	LB106731	Operator :	Jaswal
Lab Sample ID :	K6219-01LX5	Instrumnet Name :	P7
Client Sample ID :	391202021.0L	Dilution Factor :	5
Date & Time Acquired ::	2019-12-12 17:46:42	DataFile Name :	029SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	-0.01	-0.01	-0.02	-0.01		ppb
Molybdenum	94-1	0.02	0.06	0.06	0.05	43.33	ppb
Molybdenum	95-1	0.05	0.03	0.05	0.04	20.24	ppb
Molybdenum	96-1	0.04	0.06	0.05	0.05	20.13	ppb
Molybdenum	97-1	0.05	0.05	0.06	0.05	15.22	ppb
Molybdenum	98-1	0.04	0.04	0.06	0.05	23.60	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.00	0.01	0.00	0.00	143.29	ppb
Phosphorus	31-2	-30.92	-29.45	-31.88	-30.75		ppb
Potassium	39-2	261.03	264.32	262.47	262.61	0.63	ppb
Rhodium	103-1				95		%
Rhodium	103-2				101		%
Scandium	45-1				94		%
Scandium	45-2				97		%
Selenium	77-2	0.32	0.32	0.00	0.21	86.60	ppb
Selenium	78-2	0.23	-0.52	0.03	-0.09		ppb
Selenium	82-1	-0.01	-0.09	0.00	-0.03		ppb
Silicon	28-1	1901.54	1872.74	1901.94	1892.07	0.89	ppb
Silver	109-1	0.03	0.03	0.03	0.03	9.29	ppb
Silver	107-1	0.03	0.03	0.03	0.03	12.76	ppb
Sodium	23-2	2561.37	2568.70	2564.17	2564.75	0.14	ppb
Strontium	86-1	27.94	28.03	28.22	28.06	0.50	ppb
Strontium	88-1	27.73	27.73	27.72	27.73	0.02	ppb
Sulfur	34-1	11.91	-138.04	-166.42	-97.52		ppb
Terbium	159-1				99		%
Terbium	159-2				98		%
Thallium	203-1	0.00	0.01	-0.01	0.00	440.48	ppb
Thallium	205-1	0.01	0.01	0.01	0.01	11.92	ppb
Thorium	232-1	0.02	0.02	0.02	0.02	9.93	ppb
Tin	118-1	0.00	0.02	0.00	0.01	232.59	ppb
Titanium	47-1	0.15	0.15	0.19	0.16	13.71	ppb
Uranium	238-1	0.22	0.22	0.22	0.22	0.88	ppb
Vanadium	51-2	1.08	0.99	1.05	1.04	4.54	ppb
Yttrium	89-1				97		%
Yttrium	89-2				98		%

LB Number :	LB106731	Operator :	Jaswal
Lab Sample ID :	K6219-01LX5	Instrumnet Name :	P7
Client Sample ID :	391202021.0L	Dilution Factor :	5
Date & Time Acquired ::	2019-12-12 17:46:42	DataFile Name :	029SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zinc	66-2	0.57	0.63	0.70	0.64	10.35	ppb
Zirconium	90-1	0.00	0.00	0.00	0.00	98.55	ppb
Zirconium	91-1	0.01	0.00	-0.01	0.00	2928.53	ppb

LB Number :	LB106731	Operator :	Jaswal
Lab Sample ID :	K6219-01MS	Instrumnet Name :	P7
Client Sample ID :	391202021.0MS	Dilution Factor :	1
Date & Time Acquired ::	2019-12-12 17:50:19	DataFile Name :	030SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	1885.73	1865.35	1878.88	1876.66	0.55	ppb
Antimony	121-1	770.92	773.46	771.11	771.83	0.18	ppb
Arsenic	75-1	828.36	841.13	816.04	828.51	1.51	ppb
Barium	135-1	754.57	758.28	756.74	756.53	0.25	ppb
Barium	137-1	771.43	765.35	765.54	767.44	0.45	ppb
Beryllium	9-1	196.19	196.09	195.12	195.80	0.30	ppb
Bismuth	209-1				105		%
Bismuth	209-2				99		%
Boron	10-1	325.38	332.93	339.20	332.50	2.08	ppb
Boron	11-1	323.74	336.89	340.52	333.72	2.64	ppb
Cadmium	111-1	201.50	203.02	203.27	202.60	0.47	ppb
Cadmium	106-1	159.15	156.55	158.82	158.17	0.89	ppb
Cadmium	108-1	170.34	172.55	171.85	171.58	0.66	ppb
Calcium	43-1	58230.53	58872.48	57920.87	58341.29	0.83	ppb
Calcium	44-1	59047.55	59240.85	59283.06	59190.49	0.21	ppb
Chromium	52-1	393.83	395.74	393.57	394.38	0.30	ppb
Cobalt	59-2	205.40	207.61	206.05	206.35	0.55	ppb
Copper	63-2	314.14	319.59	316.42	316.72	0.86	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				108		%
Holmium	165-2				102		%
Indium	115-1				102		%
Indium	115-2				100		%
Iron	56-2	3198.54	3195.50	3209.51	3201.18	0.23	ppb
Iron	57-2	3384.50	3405.57	3422.64	3404.24	0.56	ppb
Krypton	83-1						cps
Lead	206-1	966.81	969.55	975.14	970.50	0.44	ppb
Lead	207-1	967.43	969.20	971.90	969.51	0.23	ppb
Lead	208-1	966.64	965.53	974.83	969.00	0.52	ppb
Lithium	6-1				100		%
Magnesium	24-2	16125.26	16199.06	16010.99	16111.77	0.59	ppb

LB Number :	LB106731	Operator :	Jaswal
Lab Sample ID :	K6219-01MS	Instrumnet Name :	P7
Client Sample ID :	391202021.0MS	Dilution Factor :	1
Date & Time Acquired ::	2019-12-12 17:50:19	DataFile Name :	030SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	200.91	199.11	201.06	200.36	0.54	ppb
Molybdenum	94-1	272.88	274.47	271.30	272.88	0.58	ppb
Molybdenum	95-1	393.18	393.52	392.32	393.00	0.16	ppb
Molybdenum	96-1	376.24	377.64	378.33	377.40	0.28	ppb
Molybdenum	97-1	391.87	394.86	390.97	392.57	0.52	ppb
Molybdenum	98-1	395.43	392.85	393.37	393.88	0.35	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	515.90	518.15	518.65	517.57	0.28	ppb
Phosphorus	31-2	6179.52	6303.04	6194.03	6225.53	1.08	ppb
Potassium	39-2	11097.33	11112.91	11048.14	11086.13	0.30	ppb
Rhodium	103-1				99		%
Rhodium	103-2				104		%
Scandium	45-1				100		%
Scandium	45-2				100		%
Selenium	77-2	2318.77	2302.80	2279.03	2300.20	0.87	ppb
Selenium	78-2	2283.33	2286.02	2284.11	2284.49	0.06	ppb
Selenium	82-1	2283.71	2279.26	2277.83	2280.27	0.13	ppb
Silicon	28-1	10357.15	10379.89	10295.87	10344.31	0.42	ppb
Silver	109-1	73.76	74.12	74.55	74.14	0.54	ppb
Silver	107-1	74.66	74.34	74.40	74.47	0.23	ppb
Sodium	23-2	15816.66	16064.70	16036.81	15972.72	0.85	ppb
Strontium	86-1	342.80	346.37	342.51	343.89	0.63	ppb
Strontium	88-1	338.93	341.93	341.65	340.84	0.49	ppb
Sulfur	34-1	2477.95	2556.55	2510.58	2515.03	1.57	ppb
Terbium	159-1				108		%
Terbium	159-2				103		%
Thallium	203-1	1928.87	1960.44	1961.65	1950.32	0.95	ppb
Thallium	205-1	1925.91	1941.86	1955.97	1941.25	0.77	ppb
Thorium	232-1	0.04	0.05	0.05	0.05	13.45	ppb
Tin	118-1	705.83	701.58	702.94	703.45	0.31	ppb
Titanium	47-1	198.43	200.15	198.78	199.12	0.46	ppb
Uranium	238-1	1.12	1.13	1.15	1.13	1.49	ppb
Vanadium	51-2	301.75	305.29	303.06	303.37	0.59	ppb
Yttrium	89-1				103		%
Yttrium	89-2				102		%

LB Number :	LB106731	Operator :	Jaswal
Lab Sample ID :	K6219-01MS	Instrumnet Name :	P7
Client Sample ID :	391202021.0MS	Dilution Factor :	1
Date & Time Acquired ::	2019-12-12 17:50:19	DataFile Name :	030SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zinc	66-2	229.42	231.65	230.52	230.53	0.48	ppb
Zirconium	90-1	0.30	0.33	0.38	0.33	12.24	ppb
Zirconium	91-1	0.57	0.70	0.67	0.65	10.13	ppb

LB Number :	LB106731	Operator :	Jaswal
Lab Sample ID :	K6219-01MSD	Instrumnet Name :	P7
Client Sample ID :	391202021.0MSD	Dilution Factor :	1
Date & Time Acquired ::	2019-12-12 17:53:55	DataFile Name :	031SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	1842.15	1846.69	1868.54	1852.46	0.76	ppb
Antimony	121-1	768.92	772.98	762.01	767.97	0.72	ppb
Arsenic	75-1	809.47	815.63	813.47	812.86	0.38	ppb
Barium	135-1	743.83	751.82	739.36	745.00	0.85	ppb
Barium	137-1	756.58	757.54	752.47	755.53	0.36	ppb
Beryllium	9-1	192.81	194.21	193.28	193.43	0.37	ppb
Bismuth	209-1				104		%
Bismuth	209-2				98		%
Boron	10-1	329.01	342.60	338.13	336.58	2.06	ppb
Boron	11-1	330.65	341.27	335.01	335.65	1.59	ppb
Cadmium	111-1	197.55	200.99	196.29	198.28	1.23	ppb
Cadmium	106-1	156.22	152.02	155.74	154.66	1.49	ppb
Cadmium	108-1	168.56	170.09	168.06	168.90	0.63	ppb
Calcium	43-1	57715.24	58705.23	58738.28	58386.25	1.00	ppb
Calcium	44-1	58942.99	59138.42	59279.16	59120.19	0.29	ppb
Chromium	52-1	387.29	389.42	391.42	389.38	0.53	ppb
Cobalt	59-2	200.49	205.73	204.49	203.57	1.35	ppb
Copper	63-2	310.51	315.51	312.77	312.93	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				106		%
Holmium	165-2				101		%
Indium	115-1				100		%
Indium	115-2				98		%
Iron	56-2	3149.79	3191.20	3165.36	3168.78	0.66	ppb
Iron	57-2	3353.07	3348.32	3353.63	3351.67	0.09	ppb
Krypton	83-1						cps
Lead	206-1	954.39	960.57	973.28	962.75	1.00	ppb
Lead	207-1	959.74	953.62	967.46	960.27	0.72	ppb
Lead	208-1	956.78	959.74	967.68	961.40	0.59	ppb
Lithium	6-1				96		%
Magnesium	24-2	15845.84	16061.04	15996.87	15967.92	0.69	ppb

LB Number :	LB106731	Operator :	Jaswal
Lab Sample ID :	K6219-01MSD	Instrumnet Name :	P7
Client Sample ID :	391202021.0MSD	Dilution Factor :	1
Date & Time Acquired ::	2019-12-12 17:53:55	DataFile Name :	031SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	193.22	199.14	198.89	197.08	1.70	ppb
Molybdenum	94-1	270.19	270.24	273.21	271.21	0.64	ppb
Molybdenum	95-1	388.14	387.30	390.81	388.75	0.47	ppb
Molybdenum	96-1	375.87	372.64	374.75	374.42	0.44	ppb
Molybdenum	97-1	393.16	390.54	392.68	392.13	0.36	ppb
Molybdenum	98-1	392.43	391.56	393.68	392.55	0.27	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	502.87	512.08	507.11	507.35	0.91	ppb
Phosphorus	31-2	5921.02	6165.86	5945.56	6010.81	2.24	ppb
Potassium	39-2	10836.09	11003.12	10960.84	10933.35	0.79	ppb
Rhodium	103-1				97		%
Rhodium	103-2				101		%
Scandium	45-1				96		%
Scandium	45-2				97		%
Selenium	77-2	2263.30	2236.39	2239.93	2246.54	0.65	ppb
Selenium	78-2	2254.39	2252.21	2254.77	2253.79	0.06	ppb
Selenium	82-1	2248.24	2257.64	2276.91	2260.93	0.65	ppb
Silicon	28-1	10221.90	10330.09	10335.14	10295.71	0.62	ppb
Silver	109-1	72.69	73.91	71.84	72.82	1.43	ppb
Silver	107-1	73.16	73.66	72.82	73.22	0.58	ppb
Sodium	23-2	15807.44	16007.38	15808.63	15874.48	0.73	ppb
Strontium	86-1	339.71	342.32	342.28	341.44	0.44	ppb
Strontium	88-1	336.25	338.50	337.90	337.55	0.35	ppb
Sulfur	34-1	2319.68	2522.91	2487.19	2443.26	4.44	ppb
Terbium	159-1				106		%
Terbium	159-2				101		%
Thallium	203-1	1914.29	1909.14	1920.93	1914.79	0.31	ppb
Thallium	205-1	1912.79	1906.52	1921.02	1913.44	0.38	ppb
Thorium	232-1	0.02	0.03	0.02	0.02	6.25	ppb
Tin	118-1	694.70	703.91	696.56	698.39	0.70	ppb
Titanium	47-1	197.56	199.57	199.68	198.93	0.60	ppb
Uranium	238-1	1.12	1.18	1.15	1.15	2.51	ppb
Vanadium	51-2	296.50	300.99	299.55	299.01	0.77	ppb
Yttrium	89-1				101		%
Yttrium	89-2				99		%

LB Number :	LB106731	Operator :	Jaswal
Lab Sample ID :	K6219-01MSD	Instrumnet Name :	P7
Client Sample ID :	391202021.0MSD	Dilution Factor :	1
Date & Time Acquired ::	2019-12-12 17:53:55	DataFile Name :	031SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zinc	66-2	224.98	228.41	224.28	225.89	0.98	ppb
Zirconium	90-1	0.12	0.15	0.15	0.14	10.22	ppb
Zirconium	91-1	0.40	0.44	0.46	0.43	6.35	ppb

LB Number :	LB106731	Operator :	Jaswal
Lab Sample ID :	K6219-01A	Instrumnet Name :	P7
Client Sample ID :	391202021.0A	Dilution Factor :	1
Date & Time Acquired ::	2019-12-12 17:57:32	DataFile Name :	032SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	1883.95	1886.63	1900.59	1890.39	0.47	ppb
Antimony	121-1	761.67	761.55	763.72	762.31	0.16	ppb
Arsenic	75-1	822.95	830.65	821.49	825.03	0.60	ppb
Barium	135-1	742.88	739.59	748.92	743.80	0.64	ppb
Barium	137-1	755.22	756.89	759.04	757.05	0.25	ppb
Beryllium	9-1	193.35	194.14	193.65	193.71	0.21	ppb
Bismuth	209-1				104		%
Bismuth	209-2				98		%
Boron	10-1	332.28	336.13	339.39	335.93	1.06	ppb
Boron	11-1	329.66	336.11	339.99	335.25	1.56	ppb
Cadmium	111-1	199.11	198.83	198.33	198.76	0.20	ppb
Cadmium	106-1	157.65	152.11	155.14	154.97	1.79	ppb
Cadmium	108-1	166.36	167.47	171.46	168.43	1.59	ppb
Calcium	43-1	57692.34	58558.74	58723.71	58324.93	0.95	ppb
Calcium	44-1	59080.28	58956.77	59087.96	59041.67	0.12	ppb
Chromium	52-1	390.23	395.10	396.63	393.99	0.85	ppb
Cobalt	59-2	205.37	205.99	205.71	205.69	0.15	ppb
Copper	63-2	314.81	316.15	318.65	316.53	0.61	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				106		%
Holmium	165-2				100		%
Indium	115-1				100		%
Indium	115-2				97		%
Iron	56-2	3217.87	3205.04	3200.20	3207.70	0.28	ppb
Iron	57-2	3431.86	3404.44	3429.04	3421.78	0.44	ppb
Krypton	83-1						cps
Lead	206-1	970.33	962.05	979.21	970.53	0.88	ppb
Lead	207-1	974.62	958.17	966.37	966.38	0.85	ppb
Lead	208-1	971.47	963.16	973.46	969.36	0.56	ppb
Lithium	6-1				94		%
Magnesium	24-2	16236.97	16153.70	16199.75	16196.81	0.26	ppb

LB Number :	LB106731	Operator :	Jaswal
Lab Sample ID :	K6219-01A	Instrumnet Name :	P7
Client Sample ID :	391202021.0A	Dilution Factor :	1
Date & Time Acquired ::	2019-12-12 17:57:32	DataFile Name :	032SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	199.52	200.24	199.84	199.87	0.18	ppb
Molybdenum	94-1	273.50	274.38	273.78	273.89	0.16	ppb
Molybdenum	95-1	391.11	395.07	391.45	392.55	0.56	ppb
Molybdenum	96-1	380.27	379.37	376.95	378.87	0.45	ppb
Molybdenum	97-1	393.39	394.48	392.64	393.50	0.23	ppb
Molybdenum	98-1	396.34	395.08	388.13	393.18	1.12	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	509.92	516.29	514.62	513.61	0.64	ppb
Phosphorus	31-2	6261.76	6160.80	6189.11	6203.89	0.84	ppb
Potassium	39-2	10993.08	11024.09	11055.10	11024.09	0.28	ppb
Rhodium	103-1				96		%
Rhodium	103-2				100		%
Scandium	45-1				94		%
Scandium	45-2				95		%
Selenium	77-2	2261.29	2266.48	2268.19	2265.32	0.16	ppb
Selenium	78-2	2256.33	2296.00	2296.44	2282.92	1.01	ppb
Selenium	82-1	2266.95	2274.49	2275.82	2272.42	0.21	ppb
Silicon	28-1	10221.94	10236.64	10331.32	10263.30	0.58	ppb
Silver	109-1	72.16	73.04	72.68	72.63	0.61	ppb
Silver	107-1	72.14	71.85	73.83	72.61	1.47	ppb
Sodium	23-2	16109.88	16001.71	16199.51	16103.70	0.62	ppb
Strontium	86-1	343.37	343.64	346.27	344.43	0.47	ppb
Strontium	88-1	340.28	340.99	342.38	341.22	0.31	ppb
Sulfur	34-1	2337.76	2598.36	2623.59	2519.90	6.28	ppb
Terbium	159-1				106		%
Terbium	159-2				101		%
Thallium	203-1	1918.64	1923.46	1955.81	1932.64	1.05	ppb
Thallium	205-1	1928.90	1925.57	1952.69	1935.72	0.76	ppb
Thorium	232-1	0.01	0.02	0.02	0.02	20.75	ppb
Tin	118-1	692.46	693.98	699.25	695.23	0.51	ppb
Titanium	47-1	198.12	198.89	202.18	199.73	1.08	ppb
Uranium	238-1	1.12	1.13	1.14	1.13	0.70	ppb
Vanadium	51-2	300.92	302.12	306.08	303.04	0.89	ppb
Yttrium	89-1				100		%
Yttrium	89-2				97		%

LB Number :	LB106731	Operator :	Jaswal
Lab Sample ID :	K6219-01A	Instrumnet Name :	P7
Client Sample ID :	391202021.0A	Dilution Factor :	1
Date & Time Acquired ::	2019-12-12 17:57:32	DataFile Name :	032SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zinc	66-2	225.49	228.29	227.36	227.05	0.63	ppb
Zirconium	90-1	0.16	0.15	0.18	0.16	7.38	ppb
Zirconium	91-1	0.47	0.48	0.46	0.47	2.71	ppb

LB Number :	LB106731	Operator :	Jaswal
Lab Sample ID :	CCV89	Instrumnet Name :	P7
Client Sample ID :	CCV89	Dilution Factor :	1
Date & Time Acquired ::	2019-12-12 18:01:09	DataFile Name :	033CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	51090.60	50929.82	51315.07	51111.83	0.38	ppb
Antimony	121-1	480.76	481.00	482.89	481.55	0.24	ppb
Arsenic	75-1	473.51	470.61	474.68	472.93	0.44	ppb
Barium	135-1	2438.07	2457.57	2472.80	2456.15	0.71	ppb
Barium	137-1	2453.48	2477.55	2464.40	2465.14	0.49	ppb
Beryllium	9-1	495.50	494.04	494.84	494.79	0.15	ppb
Bismuth	209-1				83		%
Bismuth	209-2				81		%
Boron	10-1	491.90	491.98	502.45	495.44	1.23	ppb
Boron	11-1	488.08	491.51	500.80	493.47	1.33	ppb
Cadmium	111-1	528.72	526.68	527.61	527.67	0.19	ppb
Cadmium	106-1	520.32	513.09	529.20	520.87	1.55	ppb
Cadmium	108-1	523.61	523.99	524.63	524.08	0.10	ppb
Calcium	43-1	246300.36	246355.95	246414.32	246356.88	0.02	ppb
Calcium	44-1	247005.06	245347.90	247822.35	246725.10	0.51	ppb
Chromium	52-1	504.38	500.52	505.93	503.61	0.55	ppb
Cobalt	59-2	485.71	485.33	488.66	486.57	0.37	ppb
Copper	63-2	1012.16	1007.07	1016.97	1012.07	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				91		%
Holmium	165-2				90		%
Indium	115-1				84		%
Indium	115-2				87		%
Iron	56-2	125592.07	125413.28	125148.56	125384.64	0.18	ppb
Iron	57-2	125772.50	126131.07	126137.58	126013.72	0.17	ppb
Krypton	83-1						cps
Lead	206-1	507.76	508.63	512.37	509.59	0.48	ppb
Lead	207-1	489.79	509.51	488.62	495.97	2.37	ppb
Lead	208-1	504.68	511.34	505.20	507.07	0.73	ppb
Lithium	6-1				78		%
Magnesium	24-2	246483.23	244339.03	247430.91	246084.39	0.64	ppb

LB Number :	LB106731	Operator :	Jaswal
Lab Sample ID :	CCV89	Instrumnet Name :	P7
Client Sample ID :	CCV89	Dilution Factor :	1
Date & Time Acquired ::	2019-12-12 18:01:09	DataFile Name :	033CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	994.50	994.49	999.04	996.01	0.26	ppb
Molybdenum	94-1	2480.52	2479.20	2491.48	2483.73	0.27	ppb
Molybdenum	95-1	2475.84	2482.65	2502.29	2486.93	0.55	ppb
Molybdenum	96-1	2482.76	2474.77	2483.64	2480.39	0.20	ppb
Molybdenum	97-1	2479.02	2477.30	2489.64	2481.99	0.27	ppb
Molybdenum	98-1	2481.60	2482.86	2491.32	2485.26	0.21	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	483.60	485.62	488.67	485.96	0.53	ppb
Phosphorus	31-2	9272.54	9364.44	9254.33	9297.10	0.63	ppb
Potassium	39-2	121236.67	121634.61	122251.30	121707.53	0.42	ppb
Rhodium	103-1				78		%
Rhodium	103-2				84		%
Scandium	45-1				83		%
Scandium	45-2				87		%
Selenium	77-2	473.29	502.75	482.21	486.08	3.11	ppb
Selenium	78-2	509.52	506.45	505.32	507.10	0.43	ppb
Selenium	82-1	507.50	507.12	510.10	508.24	0.32	ppb
Silicon	28-1	537.11	539.60	540.82	539.17	0.35	ppb
Silver	109-1	475.78	483.76	479.68	479.74	0.83	ppb
Silver	107-1	480.96	479.72	485.33	482.01	0.61	ppb
Sodium	23-2	246279.30	244796.91	246080.57	245718.93	0.33	ppb
Strontium	86-1	506.57	505.11	501.77	504.49	0.49	ppb
Strontium	88-1	496.71	496.94	497.97	497.20	0.14	ppb
Sulfur	34-1	9753.77	9594.72	9591.80	9646.77	0.96	ppb
Terbium	159-1				91		%
Terbium	159-2				89		%
Thallium	203-1	512.52	507.18	514.72	511.47	0.76	ppb
Thallium	205-1	506.11	503.43	514.59	508.05	1.15	ppb
Thorium	232-1	505.87	501.42	507.68	504.99	0.64	ppb
Tin	118-1	487.70	487.44	493.50	489.55	0.70	ppb
Titanium	47-1	2455.14	2425.60	2449.24	2443.33	0.64	ppb
Uranium	238-1	526.44	518.25	526.48	523.72	0.91	ppb
Vanadium	51-2	497.03	499.08	498.56	498.22	0.21	ppb
Yttrium	89-1				87		%
Yttrium	89-2				89		%

LB Number :	LB106731	Operator :	Jaswal
Lab Sample ID :	CCV89	Instrumnet Name :	P7
Client Sample ID :	CCV89	Dilution Factor :	1
Date & Time Acquired ::	2019-12-12 18:01:09	DataFile Name :	033CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zinc	66-2	979.54	973.38	986.38	979.77	0.66	ppb
Zirconium	90-1	498.90	498.48	497.49	498.29	0.15	ppb
Zirconium	91-1	494.22	489.74	489.45	491.14	0.54	ppb

LB Number : LB106731 Operator : Jaswal
 Lab Sample ID : CCB89 Instrumnet Name : P7
 Client Sample ID : CCB89 Dilution Factor : 1
 Date & Time Acquired :: 2019-12-12 18:04:53 DataFile Name : 034CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	1.78	2.11	1.75	1.88	10.87	ppb
Antimony	121-1	0.60	0.63	0.75	0.66	12.02	ppb
Arsenic	75-1	0.05	0.20	0.26	0.17	63.76	ppb
Barium	135-1	0.17	0.12	0.13	0.14	19.37	ppb
Barium	137-1	0.16	0.14	0.15	0.15	9.50	ppb
Beryllium	9-1	0.08	0.07	0.07	0.07	8.69	ppb
Bismuth	209-1				96		%
Bismuth	209-2				94		%
Boron	10-1	14.70	13.89	12.65	13.75	7.52	ppb
Boron	11-1	13.82	14.51	12.54	13.62	7.35	ppb
Cadmium	111-1	0.24	0.08	0.15	0.16	48.62	ppb
Cadmium	106-1	2.18	0.26	1.28	1.24	77.15	ppb
Cadmium	108-1	0.15	0.10	0.07	0.11	34.85	ppb
Calcium	43-1	15.27	11.12	9.86	12.08	23.42	ppb
Calcium	44-1	13.48	10.57	10.84	11.63	13.82	ppb
Chromium	52-1	0.05	0.03	0.04	0.04	20.55	ppb
Cobalt	59-2	0.03	0.02	0.02	0.02	9.82	ppb
Copper	63-2	0.10	0.09	0.07	0.09	17.45	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				94		%
Holmium	165-2				94		%
Indium	115-1				92		%
Indium	115-2				94		%
Iron	56-2	6.68	7.12	6.41	6.74	5.36	ppb
Iron	57-2	6.23	6.97	7.41	6.87	8.66	ppb
Krypton	83-1						cps
Lead	206-1	0.21	0.21	0.20	0.21	2.44	ppb
Lead	207-1	0.20	0.20	0.18	0.20	6.46	ppb
Lead	208-1	0.21	0.21	0.20	0.21	2.30	ppb
Lithium	6-1				85		%
Magnesium	24-2	12.17	13.06	11.24	12.16	7.48	ppb

LB Number :	LB106731	Operator :	Jaswal
Lab Sample ID :	CCB89	Instrumnet Name :	P7
Client Sample ID :	CCB89	Dilution Factor :	1
Date & Time Acquired ::	2019-12-12 18:04:53	DataFile Name :	034CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	0.05	0.06	0.06	0.06	13.63	ppb
Molybdenum	94-1	0.46	0.46	0.40	0.44	7.26	ppb
Molybdenum	95-1	0.53	0.49	0.48	0.50	4.62	ppb
Molybdenum	96-1	0.50	0.49	0.50	0.49	0.67	ppb
Molybdenum	97-1	0.52	0.48	0.46	0.49	5.42	ppb
Molybdenum	98-1	0.51	0.47	0.52	0.50	5.45	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.03	0.04	0.02	0.03	41.08	ppb
Phosphorus	31-2	-32.01	-34.90	-41.81	-36.24		ppb
Potassium	39-2	14.77	9.63	12.01	12.14	21.21	ppb
Rhodium	103-1				90		%
Rhodium	103-2				97		%
Scandium	45-1				87		%
Scandium	45-2				90		%
Selenium	77-2	0.34	0.00	0.34	0.23	86.61	ppb
Selenium	78-2	0.35	0.11	0.09	0.18	78.17	ppb
Selenium	82-1	0.10	-0.18	0.24	0.06	377.01	ppb
Silicon	28-1	2.10	1.53	1.51	1.72	19.60	ppb
Silver	109-1	0.08	0.06	0.06	0.07	15.48	ppb
Silver	107-1	0.07	0.06	0.07	0.07	6.54	ppb
Sodium	23-2	40.27	40.28	38.10	39.55	3.17	ppb
Strontium	86-1	0.04	0.01	0.06	0.03	67.41	ppb
Strontium	88-1	0.03	0.04	0.02	0.03	17.37	ppb
Sulfur	34-1	-355.05	-232.43	-233.85	-273.78		ppb
Terbium	159-1				94		%
Terbium	159-2				94		%
Thallium	203-1	0.30	0.28	0.26	0.28	7.60	ppb
Thallium	205-1	0.30	0.29	0.27	0.29	6.00	ppb
Thorium	232-1	0.10	0.10	0.10	0.10	0.30	ppb
Tin	118-1	0.22	0.25	0.27	0.25	9.71	ppb
Titanium	47-1	0.21	0.22	0.21	0.21	3.64	ppb
Uranium	238-1	0.03	0.03	0.03	0.03	7.50	ppb
Vanadium	51-2	0.03	0.03	0.04	0.03	15.16	ppb
Yttrium	89-1				91		%
Yttrium	89-2				92		%

LB Number :	LB106731	Operator :	Jaswal
Lab Sample ID :	CCB89	Instrumnet Name :	P7
Client Sample ID :	CCB89	Dilution Factor :	1
Date & Time Acquired ::	2019-12-12 18:04:53	DataFile Name :	034CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zinc	66-2	-0.70	-0.71	-0.72	-0.71		ppb
Zirconium	90-1	0.07	0.07	0.08	0.07	4.04	ppb
Zirconium	91-1	0.04	0.06	0.08	0.06	31.17	ppb

LB Number :	LB106731	Operator :	Jaswal
Lab Sample ID :	S0	Instrumnet Name :	P7
Client Sample ID :	S0	Dilution Factor :	1
Date & Time Acquired ::	2019-12-12 15:28:24	DataFile Name :	003CALB.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	67	58	50	58	14.29	cps
Antimony	121-1	208	333	250	264	24.12	cps
Arsenic	75-1	-1728	-2024	-1820	-1857	-8.15	cps
Barium	135-1	33	83	108	75	50.92	cps
Barium	137-1	58	142	158	119	44.85	cps
Beryllium	9-1	94	72	67	78	18.90	cps
Bismuth	209-1	13013726	13043841	13284165	13113911	1.13	cps
Bismuth	209-2	6782931	6689892	6674762	6715862	0.87	cps
Boron	10-1	600	508	492	533	10.94	cps
Boron	11-1	2259	2300	2559	2373	6.85	cps
Cadmium	111-1	5286	5336	5642	5421	3.55	cps
Cadmium	106-1	7511	7594	8053	7719	3.78	cps
Cadmium	108-1	13	25	17	18	35.25	cps
Calcium	43-1	375	442	350	389	12.18	cps
Calcium	44-1	11355	11113	11814	11427	3.12	cps
Chromium	52-1	28985	28591	28922	28833	0.73	cps
Cobalt	59-2	87	93	97	92	5.52	cps
Copper	63-2	1020	953	993	989	3.39	cps
Dysprosium	156-1	33	17	25	25	33.32	cps
Dysprosium	156-2	33	23	30	29	17.63	cps
Erbium	164-1	117	133	100	117	14.29	cps
Erbium	164-2	87	93	60	80	22.05	cps
Gadolinium	160-1	150	83	133	122	28.39	cps
Gadolinium	160-2	333	357	327	339	4.65	cps
Holmium	165-1	21267110	21277322	21788095	21444176	1.39	cps
Holmium	165-2	9798100	9718952	9651382	9722811	0.76	cps
Indium	115-1	16137205	16039519	16427694	16201473	1.25	cps
Indium	115-2	2594392	2601755	2604883	2600343	0.21	cps
Iron	56-2	5157	4645	4695	4832	5.83	cps
Iron	57-2	172	167	200	180	9.94	cps
Krypton	83-1	920	933	923	926	0.75	cps
Lead	206-1	1617	1650	1678	1648	1.86	cps
Lead	207-1	1572	1339	1433	1448	8.10	cps
Lead	208-1	6006	5806	6217	6010	3.42	cps
Lithium	6-1	4073559	4017624	4111168	4067450	1.16	cps
Magnesium	24-2	308	325	442	358	20.27	cps

LB Number :	LB106731	Operator :	Jaswal
Lab Sample ID :	S0	Instrumnet Name :	P7
Client Sample ID :	S0	Dilution Factor :	1
Date & Time Acquired ::	2019-12-12 15:28:24	DataFile Name :	003CALB.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	107	60	110	92	30.31	cps
Molybdenum	94-1	325	525	508	453	24.51	cps
Molybdenum	95-1	108	100	167	125	29.06	cps
Molybdenum	96-1	192	242	225	219	11.60	cps
Molybdenum	97-1	58	100	117	92	32.77	cps
Molybdenum	98-1	217	217	208	214	2.25	cps
Neodymium	150-1	20	13	0	11	91.66	cps
Neodymium	150-2	10	0	3	4	114.60	cps
Nickel	60-2	80	63	60	68	15.81	cps
Phosphorus	31-2	142	142	192	158	18.23	cps
Potassium	39-2	17452	17536	17920	17636	1.41	cps
Rhodium	103-1	14964998	14775522	15208260	14982927	1.45	cps
Rhodium	103-2	6336926	6351084	6332178	6340063	0.16	cps
Scandium	45-1	10075183	9987296	10215494	10092658	1.14	cps
Scandium	45-2	414888	404972	408154	409338	1.24	cps
Selenium	77-2	0	0	0	0	0.00	cps
Selenium	78-2	44	44	69	52	26.50	cps
Selenium	82-1	23	31	10	21	49.44	cps
Silicon	28-1	140386	142733	142868	141996	0.98	cps
Silver	109-1	50	75	67	64	19.92	cps
Silver	107-1	225	208	242	225	7.41	cps
Sodium	23-2	11013	10421	11305	10913	4.13	cps
Strontium	86-1	1558	1333	1492	1461	7.91	cps
Strontium	88-1	300	300	300	300	0.00	cps
Sulfur	34-1	448404	443192	449142	446913	0.73	cps
Terbium	159-1	21851446	21621006	22084385	21852279	1.06	cps
Terbium	159-2	9483418	9455017	9395425	9444620	0.48	cps
Thallium	203-1	850	783	933	856	8.78	cps
Thallium	205-1	1158	1175	1200	1178	1.78	cps
Thorium	232-1	2367	2367	2361	2365	0.14	cps
Tin	118-1	1992	1642	2217	1950	14.86	cps
Titanium	47-1	108	92	133	111	18.88	cps
Uranium	238-1	2334	2634	2242	2403	8.53	cps
Vanadium	51-2	13	10	13	12	15.73	cps
Yttrium	89-1	19758372	19372913	19921119	19684135	1.43	cps
Yttrium	89-2	2380905	2359037	2383140	2374361	0.56	cps

LB Number :	LB106731	Operator :	Jaswal
Lab Sample ID :	S0	Instrumnet Name :	P7
Client Sample ID :	S0	Dilution Factor :	1
Date & Time Acquired ::	2019-12-12 15:28:24	DataFile Name :	003CALB.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zinc	66-2	1270	1233	1353	1286	4.78	cps
Zirconium	90-1	1117	983	1133	1078	7.63	cps
Zirconium	91-1	267	217	233	239	10.66	cps

LB Number :	LB106731	Operator :	Jaswal
Lab Sample ID :	S2	Instrumnet Name :	P7
Client Sample ID :	S2	Dilution Factor :	1
Date & Time Acquired ::	2019-12-12 15:32:01	DataFile Name :	004CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	2634	2609	2550	2598	1.65	cps
Antimony	121-1	26659	25858	25841	26119	1.79	cps
Arsenic	75-1	826	424	902	718	35.84	cps
Barium	135-1	34761	33099	34652	34171	2.72	cps
Barium	137-1	60943	59604	59495	60014	1.34	cps
Beryllium	9-1	2717	2767	2856	2780	2.53	cps
Bismuth	209-1	12727064	12650160	12798508	12725244	0.58	cps
Bismuth	209-2	6538708	6562211	6511444	6537454	0.39	cps
Boron	10-1	11463	11613	12331	11802	3.93	cps
Boron	11-1	56297	56021	58096	56805	1.98	cps
Cadmium	111-1	9858	9543	9457	9619	2.19	cps
Cadmium	106-1	8786	8586	8428	8600	2.09	cps
Cadmium	108-1	342	300	288	310	9.16	cps
Calcium	43-1	22142	21508	21491	21714	1.71	cps
Calcium	44-1	353412	354573	356388	354791	0.42	cps
Chromium	52-1	75592	74420	75388	75134	0.83	cps
Cobalt	59-2	6452	6598	6598	6549	1.29	cps
Copper	63-2	9837	9937	9667	9813	1.39	cps
Dysprosium	156-1	8	33	83	42	91.66	cps
Dysprosium	156-2	33	40	37	37	9.10	cps
Erbium	164-1	125	92	142	119	21.31	cps
Erbium	164-2	53	53	67	58	13.33	cps
Gadolinium	160-1	125	167	150	147	14.24	cps
Gadolinium	160-2	250	353	293	299	17.36	cps
Holmium	165-1	20710330	21023942	20884878	20873050	0.75	cps
Holmium	165-2	9463856	9482429	9500548	9482278	0.19	cps
Indium	115-1	15773604	15815274	15820824	15803234	0.16	cps
Indium	115-2	2676868	2647089	2642466	2655474	0.70	cps
Iron	56-2	182717	179478	176969	179721	1.60	cps
Iron	57-2	4506	4923	4406	4612	5.94	cps
Krypton	83-1	980	963	1017	987	2.77	cps
Lead	206-1	12439	12506	12484	12477	0.27	cps
Lead	207-1	10810	10782	10877	10823	0.45	cps
Lead	208-1	49432	49304	49086	49274	0.35	cps
Lithium	6-1	3961247	3981753	3997661	3980220	0.46	cps
Magnesium	24-2	173154	170146	166280	169860	2.03	cps

LB Number :	LB106731	Operator :	Jaswal
Lab Sample ID :	S2	Instrumnet Name :	P7
Client Sample ID :	S2	Dilution Factor :	1
Date & Time Acquired ::	2019-12-12 15:32:01	DataFile Name :	004CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	2564	2424	2447	2478	3.03	cps
Molybdenum	94-1	28613	28905	28287	28602	1.08	cps
Molybdenum	95-1	35746	36974	36213	36311	1.71	cps
Molybdenum	96-1	40408	40074	39848	40110	0.70	cps
Molybdenum	97-1	23111	23078	22084	22758	2.56	cps
Molybdenum	98-1	57559	59358	57760	58225	1.69	cps
Neodymium	150-1	0	13	13	9	86.60	cps
Neodymium	150-2	7	10	10	9	21.63	cps
Nickel	60-2	1857	1850	1870	1859	0.55	cps
Phosphorus	31-2	467	533	550	517	8.54	cps
Potassium	39-2	156693	157461	155270	156475	0.71	cps
Rhodium	103-1	14496408	14476019	14461009	14477812	0.12	cps
Rhodium	103-2	6588747	6517388	6557202	6554446	0.55	cps
Scandium	45-1	9886661	9855325	9899585	9880524	0.23	cps
Scandium	45-2	415347	407951	411074	411457	0.90	cps
Selenium	77-2	70	83	60	71	16.46	cps
Selenium	78-2	276	259	274	270	3.39	cps
Selenium	82-1	1658	1558	1492	1569	5.34	cps
Silicon	28-1	224079	226271	227284	225878	0.73	cps
Silver	109-1	41303	40910	40927	41047	0.54	cps
Silver	107-1	42925	43267	42272	42821	1.18	cps
Sodium	23-2	340326	336761	330919	336002	1.41	cps
Strontium	86-1	5543	6060	5960	5854	4.68	cps
Strontium	88-1	38043	39530	39171	38915	1.99	cps
Sulfur	34-1	453177	454317	454757	454084	0.18	cps
Terbium	159-1	21371685	21287662	21151909	21270419	0.52	cps
Terbium	159-2	9271332	9221434	9145450	9212738	0.69	cps
Thallium	203-1	13774	14850	14450	14358	3.79	cps
Thallium	205-1	33744	34780	33619	34048	1.87	cps
Thorium	232-1	43791	42715	42002	42836	2.10	cps
Tin	118-1	64030	61937	61050	62339	2.45	cps
Titanium	47-1	9512	10012	9995	9840	2.89	cps
Uranium	238-1	45256	45925	44804	45328	1.24	cps
Vanadium	51-2	17020	16750	17230	17000	1.42	cps
Yttrium	89-1	19063371	19371896	19075177	19170148	0.91	cps
Yttrium	89-2	2394654	2381812	2394208	2390225	0.30	cps

LB Number :	LB106731	Operator :	Jaswal
Lab Sample ID :	S2	Instrumnet Name :	P7
Client Sample ID :	S2	Dilution Factor :	1
Date & Time Acquired ::	2019-12-12 15:32:01	DataFile Name :	004CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zinc	66-2	2260	2327	2257	2281	1.73	cps
Zirconium	90-1	22118	22376	21233	21909	2.74	cps
Zirconium	91-1	5068	4801	5176	5015	3.85	cps

LB Number :	LB106731	Operator :	Jaswal
Lab Sample ID :	S3	Instrumnet Name :	P7
Client Sample ID :	S3	Dilution Factor :	1
Date & Time Acquired ::	2019-12-12 15:36:40	DataFile Name :	005CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	129255	129305	128489	129016	0.35	cps
Antimony	121-1	658705	660296	656228	658410	0.31	cps
Arsenic	75-1	145678	144221	145487	145129	0.55	cps
Barium	135-1	844017	855102	848764	849294	0.65	cps
Barium	137-1	1454158	1488569	1473966	1472231	1.17	cps
Beryllium	9-1	134288	133718	134261	134089	0.24	cps
Bismuth	209-1	12681507	12593424	12654409	12643113	0.36	cps
Bismuth	209-2	6376383	6328900	6410608	6371963	0.64	cps
Boron	10-1	23736	23795	24028	23853	0.65	cps
Boron	11-1	111141	109116	110040	110099	0.92	cps
Cadmium	111-1	201661	202776	201010	201816	0.44	cps
Cadmium	106-1	30099	31060	30200	30453	1.73	cps
Cadmium	108-1	14666	15463	15755	15295	3.68	cps
Calcium	43-1	220926	217103	217620	218550	0.95	cps
Calcium	44-1	3483745	3485958	3467218	3478974	0.29	cps
Chromium	52-1	1192548	1187697	1188489	1189578	0.22	cps
Cobalt	59-2	324502	319151	321877	321844	0.83	cps
Copper	63-2	449328	445172	450189	448230	0.60	cps
Dysprosium	156-1	42	17	42	33	43.30	cps
Dysprosium	156-2	50	23	47	40	36.33	cps
Erbium	164-1	125	125	117	122	3.94	cps
Erbium	164-2	83	90	83	86	4.50	cps
Gadolinium	160-1	183	167	150	167	10.00	cps
Gadolinium	160-2	260	227	340	276	21.14	cps
Holmium	165-1	20765584	20732230	20801038	20766284	0.17	cps
Holmium	165-2	9337527	9232925	9318545	9296332	0.60	cps
Indium	115-1	15463620	15474273	15442514	15460136	0.10	cps
Indium	115-2	2570059	2563210	2548508	2560593	0.43	cps
Iron	56-2	8242082	8197953	8200934	8213656	0.30	cps
Iron	57-2	203581	201474	204544	203200	0.77	cps
Krypton	83-1	987	887	963	946	5.53	cps
Lead	206-1	573630	577543	576695	575956	0.36	cps
Lead	207-1	493176	506724	502476	500792	1.38	cps
Lead	208-1	2267093	2302410	2297654	2289053	0.84	cps
Lithium	6-1	3903222	3906095	3878807	3896041	0.38	cps
Magnesium	24-2	1614022	1591019	1594270	1599770	0.78	cps

LB Number : LB106731 Operator : Jaswal
 Lab Sample ID : S3 Instrumnet Name : P7
 Client Sample ID : S3 Dilution Factor : 1
 Date & Time Acquired :: 2019-12-12 15:36:40 DataFile Name : 005CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	224932	226069	227030	226010	0.46	cps
Molybdenum	94-1	1396657	1400909	1396379	1397982	0.18	cps
Molybdenum	95-1	1698652	1709634	1714743	1707676	0.48	cps
Molybdenum	96-1	1876602	1884553	1893688	1884948	0.45	cps
Molybdenum	97-1	1066206	1068264	1069427	1067965	0.15	cps
Molybdenum	98-1	2703122	2739269	2724162	2722185	0.67	cps
Neodymium	150-1	73	67	47	62	22.30	cps
Neodymium	150-2	17	10	10	12	31.50	cps
Nickel	60-2	85916	84814	84435	85055	0.90	cps
Phosphorus	31-2	6918	6869	6343	6710	4.75	cps
Potassium	39-2	688707	678702	682413	683274	0.74	cps
Rhodium	103-1	14030597	14247068	14081145	14119603	0.80	cps
Rhodium	103-2	6329207	6304959	6352143	6328770	0.37	cps
Scandium	45-1	9698409	9699215	9639158	9678928	0.36	cps
Scandium	45-2	397083	392541	397343	395656	0.68	cps
Selenium	77-2	513	547	557	539	4.21	cps
Selenium	78-2	1871	1878	1895	1881	0.66	cps
Selenium	82-1	14646	14744	14877	14756	0.79	cps
Silicon	28-1	590354	592342	595559	592752	0.44	cps
Silver	109-1	854432	863943	855589	857988	0.60	cps
Silver	107-1	885707	891267	895878	890951	0.57	cps
Sodium	23-2	3175690	3132600	3149319	3152536	0.69	cps
Strontium	86-1	224403	222060	223978	223480	0.56	cps
Strontium	88-1	1905226	1925014	1907062	1912434	0.57	cps
Sulfur	34-1	505935	504044	500713	503564	0.53	cps
Terbium	159-1	21111682	21332903	21115417	21186667	0.60	cps
Terbium	159-2	9037650	8992064	9064474	9031396	0.41	cps
Thallium	203-1	706223	696357	701264	701282	0.70	cps
Thallium	205-1	1667511	1665534	1680993	1671346	0.50	cps
Thorium	232-1	2201069	2212418	2227224	2213570	0.59	cps
Tin	118-1	581170	586012	576770	581318	0.80	cps
Titanium	47-1	471460	473922	471591	472325	0.29	cps
Uranium	238-1	2182685	2222480	2222701	2209289	1.04	cps
Vanadium	51-2	157288	158353	157598	157746	0.35	cps
Yttrium	89-1	18863901	18962019	18739391	18855104	0.59	cps
Yttrium	89-2	2323905	2305509	2337030	2322148	0.68	cps

LB Number :	LB106731	Operator :	Jaswal
Lab Sample ID :	S3	Instrumnet Name :	P7
Client Sample ID :	S3	Dilution Factor :	1
Date & Time Acquired ::	2019-12-12 15:36:40	DataFile Name :	005CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zinc	66-2	67200	67740	68888	67943	1.27	cps
Zirconium	90-1	1171571	1171592	1160682	1167948	0.54	cps
Zirconium	91-1	261402	262561	262369	262111	0.24	cps

LB Number :	LB106731	Operator :	Jaswal
Lab Sample ID :	S4	Instrumnet Name :	P7
Client Sample ID :	S4	Dilution Factor :	1
Date & Time Acquired ::	2019-12-12 15:40:52	DataFile Name :	006CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	319128	314656	316465	316750	0.71	cps
Antimony	121-1	1680272	1656103	1657918	1664764	0.81	cps
Arsenic	75-1	362249	358145	357583	359326	0.71	cps
Barium	135-1	2143975	2093668	2098937	2112193	1.31	cps
Barium	137-1	3686896	3607165	3631858	3641973	1.12	cps
Beryllium	9-1	326890	323519	322039	324150	0.77	cps
Bismuth	209-1	12597738	12376230	12397319	12457096	0.98	cps
Bismuth	209-2	6242310	6149603	6232770	6208228	0.82	cps
Boron	10-1	57217	55996	58355	57189	2.06	cps
Boron	11-1	267013	261585	263611	264069	1.04	cps
Cadmium	111-1	501534	494140	491409	495694	1.06	cps
Cadmium	106-1	63677	62740	62070	62829	1.28	cps
Cadmium	108-1	38741	37533	38181	38151	1.58	cps
Calcium	43-1	534825	533857	528459	532380	0.64	cps
Calcium	44-1	8440348	8346356	8426192	8404299	0.60	cps
Chromium	52-1	2893979	2834619	2832534	2853711	1.22	cps
Cobalt	59-2	790268	776452	784429	783717	0.88	cps
Copper	63-2	1097301	1076923	1089645	1087956	0.95	cps
Dysprosium	156-1	58	75	108	81	31.60	cps
Dysprosium	156-2	63	67	57	62	8.18	cps
Erbium	164-1	108	150	183	147	25.52	cps
Erbium	164-2	77	67	70	71	7.16	cps
Gadolinium	160-1	208	150	133	164	24.03	cps
Gadolinium	160-2	293	337	277	302	10.25	cps
Holmium	165-1	20715282	20370745	20420646	20502224	0.91	cps
Holmium	165-2	9273225	9101224	9211453	9195300	0.95	cps
Indium	115-1	15276777	15007746	14933937	15072820	1.20	cps
Indium	115-2	2517249	2479610	2484126	2493662	0.82	cps
Iron	56-2	20454823	20053040	20233208	20247024	0.99	cps
Iron	57-2	505753	496262	497860	499958	1.02	cps
Krypton	83-1	930	890	990	937	5.37	cps
Lead	206-1	1461084	1446166	1458777	1455342	0.55	cps
Lead	207-1	1269251	1255425	1251712	1258796	0.73	cps
Lead	208-1	5743012	5707110	5706885	5719003	0.36	cps
Lithium	6-1	3789347	3707841	3702857	3733348	1.30	cps
Magnesium	24-2	3927730	3881326	3947654	3918903	0.87	cps

LB Number :	LB106731	Operator :	Jaswal
Lab Sample ID :	S4	Instrumnet Name :	P7
Client Sample ID :	S4	Dilution Factor :	1
Date & Time Acquired ::	2019-12-12 15:40:52	DataFile Name :	006CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	556483	547808	555830	553374	0.87	cps
Molybdenum	94-1	3465054	3430053	3466452	3453853	0.60	cps
Molybdenum	95-1	4212822	4156979	4199560	4189787	0.70	cps
Molybdenum	96-1	4708852	4629463	4635335	4657883	0.95	cps
Molybdenum	97-1	2682872	2610390	2625281	2639514	1.45	cps
Molybdenum	98-1	6828823	6617766	6655791	6700793	1.68	cps
Neodymium	150-1	147	187	213	182	18.41	cps
Neodymium	150-2	17	20	40	26	49.38	cps
Nickel	60-2	207309	205279	204674	205754	0.67	cps
Phosphorus	31-2	16702	16293	17494	16829	3.63	cps
Potassium	39-2	1661963	1623852	1653138	1646318	1.21	cps
Rhodium	103-1	13794545	13626461	13678356	13699787	0.63	cps
Rhodium	103-2	6198091	6050176	6130393	6126220	1.21	cps
Scandium	45-1	9387788	9146865	9233730	9256128	1.32	cps
Scandium	45-2	386289	381356	384033	383893	0.64	cps
Selenium	77-2	1220	1250	1443	1305	9.29	cps
Selenium	78-2	4614	4636	4532	4594	1.19	cps
Selenium	82-1	36915	36247	36482	36548	0.93	cps
Silicon	28-1	1194465	1168024	1176930	1179806	1.14	cps
Silver	109-1	2123602	2097803	2105401	2108935	0.63	cps
Silver	107-1	2207733	2161543	2178751	2182676	1.07	cps
Sodium	23-2	7723777	7656787	7749806	7710123	0.62	cps
Strontium	86-1	562000	549472	550559	554010	1.25	cps
Strontium	88-1	4770921	4639507	4653081	4687836	1.54	cps
Sulfur	34-1	592840	574238	571425	579501	2.01	cps
Terbium	159-1	21339397	20845212	20758861	20981157	1.49	cps
Terbium	159-2	9021118	8827640	8900069	8916276	1.10	cps
Thallium	203-1	1782061	1767233	1785146	1778147	0.54	cps
Thallium	205-1	4159072	4106070	4149457	4138200	0.68	cps
Thorium	232-1	5714696	5573108	5629780	5639195	1.26	cps
Tin	118-1	1474669	1450092	1443476	1456079	1.13	cps
Titanium	47-1	1170511	1146725	1141226	1152821	1.35	cps
Uranium	238-1	5622409	5500175	5532275	5551620	1.14	cps
Vanadium	51-2	391696	384534	387302	387844	0.93	cps
Yttrium	89-1	18687487	18267461	18321458	18425468	1.24	cps
Yttrium	89-2	2286037	2232662	2258521	2259073	1.18	cps

LB Number :	LB106731	Operator :	Jaswal
Lab Sample ID :	S4	Instrumnet Name :	P7
Client Sample ID :	S4	Dilution Factor :	1
Date & Time Acquired ::	2019-12-12 15:40:52	DataFile Name :	006CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zinc	66-2	169063	165152	167016	167077	1.17	cps
Zirconium	90-1	2945276	2904016	2916311	2921867	0.73	cps
Zirconium	91-1	664498	653949	654981	657809	0.88	cps

LB Number :	LB106731	Operator :	Jaswal
Lab Sample ID :	S5	Instrumnet Name :	P7
Client Sample ID :	S5	Dilution Factor :	1
Date & Time Acquired ::	2019-12-12 15:44:43	DataFile Name :	007CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	630631	636161	640843	635878	0.80	cps
Antimony	121-1	3262127	3268399	3310988	3280505	0.81	cps
Arsenic	75-1	707175	696859	722758	708931	1.84	cps
Barium	135-1	4114102	4127705	4196529	4146112	1.07	cps
Barium	137-1	7322565	7321188	7329464	7324406	0.06	cps
Beryllium	9-1	628851	625998	632982	629277	0.56	cps
Bismuth	209-1	12422321	12315584	12524311	12420739	0.84	cps
Bismuth	209-2	6272680	6312495	6319901	6301692	0.40	cps
Boron	10-1	107834	110275	109646	109252	1.16	cps
Boron	11-1	508613	519418	529182	519071	1.98	cps
Cadmium	111-1	950380	960967	980463	963937	1.58	cps
Cadmium	106-1	115040	117678	118400	117039	1.51	cps
Cadmium	108-1	73963	73862	76027	74617	1.64	cps
Calcium	43-1	1044555	1045242	1056602	1048800	0.65	cps
Calcium	44-1	16664134	16554180	16679311	16632542	0.41	cps
Chromium	52-1	5485817	5534210	5577213	5532414	0.83	cps
Cobalt	59-2	1555456	1580465	1592991	1576304	1.21	cps
Copper	63-2	2124665	2160466	2148695	2144609	0.85	cps
Dysprosium	156-1	133	83	83	100	28.87	cps
Dysprosium	156-2	110	97	103	103	6.45	cps
Erbium	164-1	150	133	158	147	8.65	cps
Erbium	164-2	67	90	77	78	15.05	cps
Gadolinium	160-1	183	150	150	161	11.94	cps
Gadolinium	160-2	347	277	403	342	18.54	cps
Holmium	165-1	20655899	20895478	20846952	20799443	0.61	cps
Holmium	165-2	9326630	9444194	9385116	9385313	0.63	cps
Indium	115-1	14894172	14840351	15106649	14947057	0.94	cps
Indium	115-2	2465471	2518615	2553735	2512607	1.77	cps
Iron	56-2	40401558	40860336	40819041	40693645	0.62	cps
Iron	57-2	991835	1006694	1006964	1001831	0.86	cps
Krypton	83-1	893	960	937	930	3.64	cps
Lead	206-1	2817067	2834828	2887405	2846433	1.29	cps
Lead	207-1	2461151	2465871	2528098	2485040	1.50	cps
Lead	208-1	11306595	11292599	11495807	11365000	1.00	cps
Lithium	6-1	3633119	3633402	3648478	3638333	0.24	cps
Magnesium	24-2	7872065	7930128	7970989	7924394	0.63	cps

LB Number :	LB106731	Operator :	Jaswal
Lab Sample ID :	S5	Instrumnet Name :	P7
Client Sample ID :	S5	Dilution Factor :	1
Date & Time Acquired ::	2019-12-12 15:44:43	DataFile Name :	007CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	1100205	1108022	1117672	1108633	0.79	cps
Molybdenum	94-1	6897794	6815804	6890625	6868074	0.66	cps
Molybdenum	95-1	8381766	8414885	8398830	8398493	0.20	cps
Molybdenum	96-1	9294919	9248737	9318594	9287417	0.38	cps
Molybdenum	97-1	5244829	5223706	5296064	5254866	0.71	cps
Molybdenum	98-1	13310585	13284058	13515705	13370116	0.95	cps
Neodymium	150-1	373	307	360	347	10.18	cps
Neodymium	150-2	30	63	30	41	46.81	cps
Nickel	60-2	408745	410444	410550	409913	0.25	cps
Phosphorus	31-2	32444	33062	33355	32954	1.41	cps
Potassium	39-2	3240066	3275245	3322693	3279335	1.26	cps
Rhodium	103-1	13388297	13359658	13456733	13401562	0.37	cps
Rhodium	103-2	6114472	6146725	6194748	6151982	0.66	cps
Scandium	45-1	9138153	9090175	9203962	9144097	0.62	cps
Scandium	45-2	383358	391962	389913	388411	1.16	cps
Selenium	77-2	2694	2617	2820	2710	3.79	cps
Selenium	78-2	9188	9166	8999	9118	1.13	cps
Selenium	82-1	70969	71281	72305	71518	0.98	cps
Silicon	28-1	2136291	2155616	2189913	2160607	1.26	cps
Silver	109-1	4016957	4060781	4098290	4058676	1.00	cps
Silver	107-1	4195282	4197012	4265818	4219371	0.95	cps
Sodium	23-2	15551387	15764085	15692797	15669423	0.69	cps
Strontium	86-1	1081979	1084430	1101595	1089334	0.98	cps
Strontium	88-1	9379663	9298521	9405182	9361122	0.59	cps
Sulfur	34-1	721759	717450	724796	721335	0.51	cps
Terbium	159-1	20955333	21220029	21337013	21170792	0.92	cps
Terbium	159-2	9061953	9126987	9080797	9089912	0.37	cps
Thallium	203-1	3427499	3471991	3519340	3472943	1.32	cps
Thallium	205-1	8321970	8368429	8366308	8352236	0.31	cps
Thorium	232-1	11508300	11468806	11627505	11534871	0.72	cps
Tin	118-1	2841477	2854288	2881228	2858998	0.71	cps
Titanium	47-1	2245117	2260057	2275212	2260129	0.67	cps
Uranium	238-1	11415325	11392008	11516083	11441139	0.58	cps
Vanadium	51-2	773950	784985	785253	781396	0.83	cps
Yttrium	89-1	18390926	18185629	18522291	18366282	0.92	cps
Yttrium	89-2	2266988	2314888	2305706	2295861	1.11	cps

LB Number :	LB106731	Operator :	Jaswal
Lab Sample ID :	S5	Instrumnet Name :	P7
Client Sample ID :	S5	Dilution Factor :	1
Date & Time Acquired ::	2019-12-12 15:44:43	DataFile Name :	007CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zinc	66-2	326137	330052	334068	330086	1.20	cps
Zirconium	90-1	5836098	5814924	5880126	5843716	0.57	cps
Zirconium	91-1	1288506	1293701	1307636	1296614	0.76	cps

LB Number : LB106731 Operator : Jaswal
 Lab Sample ID : S6 Instrumnet Name : P7
 Client Sample ID : S6 Dilution Factor : 1
 Date & Time Acquired :: 2019-12-12 15:48:31 DataFile Name : 008CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	1229022	1237895	1234704	1233874	0.36	cps
Antimony	121-1	6428429	6422543	6466079	6439017	0.37	cps
Arsenic	75-1	1358332	1352603	1363992	1358309	0.42	cps
Barium	135-1	8153692	8167265	8237730	8186229	0.55	cps
Barium	137-1	14190895	14310945	14316502	14272781	0.50	cps
Beryllium	9-1	1181276	1193205	1186614	1187032	0.50	cps
Bismuth	209-1	12074864	12106620	12260816	12147433	0.82	cps
Bismuth	209-2	6113876	6157823	6149674	6140458	0.38	cps
Boron	10-1	204279	211576	209026	208293	1.78	cps
Boron	11-1	968072	988587	993866	983508	1.39	cps
Cadmium	111-1	1817428	1816535	1844220	1826061	0.86	cps
Cadmium	106-1	215542	212056	213748	213782	0.82	cps
Cadmium	108-1	141502	143594	144254	143117	1.00	cps
Calcium	43-1	2013281	2005518	2033797	2017532	0.72	cps
Calcium	44-1	32135190	32287868	32369746	32264268	0.37	cps
Chromium	52-1	10673973	10720980	10750751	10715235	0.36	cps
Cobalt	59-2	2963809	3012100	3023133	2999681	1.05	cps
Copper	63-2	4020331	4087663	4093798	4067264	1.00	cps
Dysprosium	156-1	117	142	167	142	17.65	cps
Dysprosium	156-2	190	160	150	167	12.49	cps
Erbium	164-1	133	133	83	117	24.74	cps
Erbium	164-2	90	83	103	92	11.04	cps
Gadolinium	160-1	283	183	150	206	33.76	cps
Gadolinium	160-2	347	303	287	312	9.92	cps
Holmium	165-1	20854565	20622103	20857836	20778168	0.65	cps
Holmium	165-2	9333599	9353031	9387341	9357991	0.29	cps
Indium	115-1	14778162	14791894	14998691	14856249	0.83	cps
Indium	115-2	2457857	2508680	2524699	2497079	1.40	cps
Iron	56-2	78215785	79204093	79004899	78808259	0.66	cps
Iron	57-2	1914203	1927886	1932988	1925025	0.50	cps
Krypton	83-1	910	907	933	917	1.59	cps
Lead	206-1	5562188	5608934	5613496	5594873	0.51	cps
Lead	207-1	4817617	4839153	4864247	4840339	0.48	cps
Lead	208-1	21984789	22034101	22076621	22031837	0.21	cps
Lithium	6-1	3588153	3550083	3601740	3579992	0.75	cps
Magnesium	24-2	15146906	15212113	15319107	15226042	0.57	cps

LB Number :	LB106731	Operator :	Jaswal
Lab Sample ID :	S6	Instrumnet Name :	P7
Client Sample ID :	S6	Dilution Factor :	1
Date & Time Acquired ::	2019-12-12 15:48:31	DataFile Name :	008CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	2125211	2158710	2155810	2146577	0.86	cps
Molybdenum	94-1	13409727	13447363	13483571	13446887	0.27	cps
Molybdenum	95-1	16372442	16419572	16417828	16403281	0.16	cps
Molybdenum	96-1	18168682	18231010	18271995	18223896	0.29	cps
Molybdenum	97-1	10205615	10272964	10303107	10260562	0.49	cps
Molybdenum	98-1	26157291	26190671	26277449	26208470	0.24	cps
Neodymium	150-1	627	680	673	660	4.40	cps
Neodymium	150-2	60	50	63	58	12.01	cps
Nickel	60-2	775451	791991	787465	784969	1.09	cps
Phosphorus	31-2	64951	64741	64038	64577	0.74	cps
Potassium	39-2	6408156	6349588	6415877	6391207	0.57	cps
Rhodium	103-1	13106978	13169007	13373448	13216478	1.05	cps
Rhodium	103-2	5950000	6025885	6128999	6034961	1.49	cps
Scandium	45-1	9109469	9145486	9174831	9143262	0.36	cps
Scandium	45-2	390134	390360	390263	390252	0.03	cps
Selenium	77-2	5348	5468	5338	5384	1.34	cps
Selenium	78-2	16992	17581	17772	17448	2.33	cps
Selenium	82-1	135839	137574	136520	136644	0.64	cps
Silicon	28-1	3978760	3992982	4072896	4014879	1.26	cps
Silver	109-1	7865669	7933907	7981934	7927170	0.74	cps
Silver	107-1	8217141	8178052	8237266	8210820	0.37	cps
Sodium	23-2	30097140	30083625	30182404	30121056	0.18	cps
Strontium	86-1	2091949	2099230	2120507	2103895	0.71	cps
Strontium	88-1	18001678	18237805	18398881	18212788	1.10	cps
Sulfur	34-1	1048586	1056850	1065635	1057024	0.81	cps
Terbium	159-1	20961001	21040532	21315103	21105545	0.88	cps
Terbium	159-2	9025807	9166369	9140894	9111023	0.82	cps
Thallium	203-1	6797244	6749348	6886165	6810919	1.02	cps
Thallium	205-1	16096063	16133277	16251625	16160322	0.50	cps
Thorium	232-1	22571304	22604676	22778459	22651480	0.49	cps
Tin	118-1	5555936	5588343	5603168	5582482	0.43	cps
Titanium	47-1	4422325	4435420	4453820	4437188	0.36	cps
Uranium	238-1	21847574	22174790	22218135	22080166	0.92	cps
Vanadium	51-2	1515908	1528483	1530644	1525012	0.52	cps
Yttrium	89-1	18204438	18216428	18490340	18303735	0.88	cps
Yttrium	89-2	2279418	2319430	2338336	2312394	1.30	cps

LB Number :	LB106731	Operator :	Jaswal
Lab Sample ID :	S6	Instrumnet Name :	P7
Client Sample ID :	S6	Dilution Factor :	1
Date & Time Acquired ::	2019-12-12 15:48:31	DataFile Name :	008CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zinc	66-2	623395	631262	626747	627135	0.63	cps
Zirconium	90-1	11349289	11350593	11405425	11368436	0.28	cps
Zirconium	91-1	2481526	2534191	2528182	2514633	1.15	cps

LB Number : LB106731 Operator : Jaswal
 Lab Sample ID : S7 Instrumnet Name : P7
 Client Sample ID : S7 Dilution Factor : 1
 Date & Time Acquired :: 2019-12-12 15:52:18 DataFile Name : 009CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	2415195	2458675	2408688	2427520	1.12	cps
Antimony	121-1	12696963	12726033	12758623	12727206	0.24	cps
Arsenic	75-1	2622982	2630185	2648016	2633727	0.49	cps
Barium	135-1	16252388	16213597	16216507	16227497	0.13	cps
Barium	137-1	28004456	28306215	28396545	28235739	0.73	cps
Beryllium	9-1	2293551	2274474	2317277	2295101	0.93	cps
Bismuth	209-1	11918728	11836596	11798035	11851120	0.52	cps
Bismuth	209-2	5895903	6011100	5709504	5872169	2.59	cps
Boron	10-1	411358	411839	422623	415273	1.53	cps
Boron	11-1	1932242	1949587	1987275	1956368	1.44	cps
Cadmium	111-1	3613152	3600119	3655672	3622981	0.80	cps
Cadmium	106-1	426054	426103	423079	425078	0.41	cps
Cadmium	108-1	287304	285991	284875	286057	0.43	cps
Calcium	43-1	3962243	4005870	4020539	3996217	0.76	cps
Calcium	44-1	64479945	65008014	65372872	64953610	0.69	cps
Chromium	52-1	21265343	21272897	21364567	21300935	0.26	cps
Cobalt	59-2	5806027	5833914	5802218	5814053	0.30	cps
Copper	63-2	8244381	8312656	8204342	8253793	0.66	cps
Dysprosium	156-1	242	342	342	308	18.73	cps
Dysprosium	156-2	340	330	363	344	4.97	cps
Erbium	164-1	192	150	192	178	13.53	cps
Erbium	164-2	103	130	103	112	13.72	cps
Gadolinium	160-1	208	267	208	228	14.79	cps
Gadolinium	160-2	233	263	277	258	8.61	cps
Holmium	165-1	20714428	20676325	21023272	20804675	0.91	cps
Holmium	165-2	9186630	9318437	8820780	9108616	2.83	cps
Indium	115-1	14490187	14510559	14713494	14571413	0.85	cps
Indium	115-2	2414848	2457337	2327073	2399753	2.77	cps
Iron	56-2	153964453	155105670	152456276	153842133	0.86	cps
Iron	57-2	3715773	3764168	3739252	3739731	0.65	cps
Krypton	83-1	927	897	947	923	2.73	cps
Lead	206-1	10970278	10949071	10940018	10953122	0.14	cps
Lead	207-1	9479323	9458571	9400669	9446188	0.43	cps
Lead	208-1	43189585	43037554	42953498	43060212	0.28	cps
Lithium	6-1	3544334	3534495	3558964	3545931	0.35	cps
Magnesium	24-2	29830425	30052673	29699415	29860837	0.60	cps

LB Number : LB106731 Operator : Jaswal
 Lab Sample ID : S7 Instrumnet Name : P7
 Client Sample ID : S7 Dilution Factor : 1
 Date & Time Acquired :: 2019-12-12 15:52:18 DataFile Name : 009CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	4139424	4172019	4155789	4155744	0.39	cps
Molybdenum	94-1	26704649	26689701	27131690	26842013	0.94	cps
Molybdenum	95-1	32530044	32341500	33184264	32685269	1.35	cps
Molybdenum	96-1	36156794	35948452	36769520	36291588	1.18	cps
Molybdenum	97-1	20367128	20443332	20581658	20464039	0.53	cps
Molybdenum	98-1	52466524	52133093	52210775	52270131	0.33	cps
Neodymium	150-1	1300	1187	1213	1233	4.80	cps
Neodymium	150-2	90	110	120	107	14.32	cps
Nickel	60-2	1500098	1530088	1506582	1512256	1.04	cps
Phosphorus	31-2	126415	129502	126432	127450	1.39	cps
Potassium	39-2	12604429	12784219	12546848	12645165	0.98	cps
Rhodium	103-1	12942879	12948520	13007267	12966222	0.28	cps
Rhodium	103-2	5814447	5883368	5581040	5759619	2.75	cps
Scandium	45-1	9208266	9213421	9343465	9255051	0.83	cps
Scandium	45-2	387648	397840	378213	387900	2.53	cps
Selenium	77-2	9944	9977	10007	9976	0.32	cps
Selenium	78-2	33173	34094	33890	33719	1.43	cps
Selenium	82-1	259581	261828	265118	262176	1.06	cps
Silicon	28-1	7743960	7717333	7805035	7755443	0.58	cps
Silver	109-1	15841868	15854681	15796279	15830943	0.19	cps
Silver	107-1	16285392	16424724	16492984	16401033	0.65	cps
Sodium	23-2	59600839	60209878	59399764	59736827	0.71	cps
Strontium	86-1	4083104	4121362	4123822	4109429	0.56	cps
Strontium	88-1	36062638	36048067	36266113	36125606	0.34	cps
Sulfur	34-1	1735420	1747687	1751103	1744737	0.47	cps
Terbium	159-1	21005743	21103318	21205886	21104982	0.47	cps
Terbium	159-2	8960689	9126882	8550478	8879350	3.34	cps
Thallium	203-1	13306599	13287671	13418784	13337685	0.53	cps
Thallium	205-1	31621563	31497133	31918209	31678968	0.68	cps
Thorium	232-1	44841872	44848347	44953898	44881372	0.14	cps
Tin	118-1	10973762	11036443	11108864	11039689	0.61	cps
Titanium	47-1	8853224	8858839	8998492	8903518	0.92	cps
Uranium	238-1	43678802	43315108	43881176	43625029	0.66	cps
Vanadium	51-2	2971996	3035934	2992383	3000104	1.09	cps
Yttrium	89-1	18273076	18296625	18461016	18343572	0.56	cps
Yttrium	89-2	2261730	2333547	2210473	2268584	2.73	cps

LB Number :	LB106731	Operator :	Jaswal
Lab Sample ID :	S7	Instrumnet Name :	P7
Client Sample ID :	S7	Dilution Factor :	1
Date & Time Acquired ::	2019-12-12 15:52:18	DataFile Name :	009CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zinc	66-2	1220113	1219460	1211494	1217022	0.39	cps
Zirconium	90-1	22614874	22714189	22798242	22709102	0.40	cps
Zirconium	91-1	5072117	5093354	5125996	5097156	0.53	cps

LB Number :	LB106731	Operator :	Jaswal
Lab Sample ID :	S8	Instrumnet Name :	P7
Client Sample ID :	S8	Dilution Factor :	1
Date & Time Acquired ::	2019-12-12 15:56:06	DataFile Name :	010CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	12361068	12536191	12640172	12512477	1.13	cps
Antimony	121-1	12940	13949	15242	14044	8.22	cps
Arsenic	75-1	-1083	-1035	-1214	-1111	-8.35	cps
Barium	135-1	2734	2692	2684	2703	0.99	cps
Barium	137-1	4743	4284	4868	4632	6.63	cps
Beryllium	9-1	361	333	272	322	14.11	cps
Bismuth	209-1	9899384	10110297	10040156	10016612	1.07	cps
Bismuth	209-2	5153539	5222127	5242793	5206153	0.90	cps
Boron	10-1	9904	9270	8961	9378	5.12	cps
Boron	11-1	48269	44333	40271	44291	9.03	cps
Cadmium	111-1	6228	6222	6159	6203	0.61	cps
Cadmium	106-1	7994	7961	7844	7933	0.99	cps
Cadmium	108-1	92	96	117	101	13.21	cps
Calcium	43-1	19240541	19532215	20096540	19623099	2.22	cps
Calcium	44-1	306747499	310884082	319789440	312473674	2.13	cps
Chromium	52-1	581749	591237	599441	590809	1.50	cps
Cobalt	59-2	10230	10958	10871	10686	3.72	cps
Copper	63-2	12852	12566	12836	12751	1.26	cps
Dysprosium	156-1	108	108	100	106	4.56	cps
Dysprosium	156-2	57	57	53	56	3.47	cps
Erbium	164-1	125	225	142	164	32.69	cps
Erbium	164-2	80	87	107	91	15.23	cps
Gadolinium	160-1	192	175	158	175	9.53	cps
Gadolinium	160-2	320	290	340	317	7.95	cps
Holmium	165-1	18886478	19210595	19337117	19144730	1.21	cps
Holmium	165-2	8798294	8895290	8951214	8881600	0.87	cps
Indium	115-1	13345719	13686287	13733345	13588451	1.56	cps
Indium	115-2	2330545	2366853	2401299	2366232	1.50	cps
Iron	56-2	741972594	752605039	752964617	749180750	0.83	cps
Iron	57-2	17999586	18198369	18498753	18232236	1.38	cps
Krypton	83-1	947	1110	940	999	9.64	cps
Lead	206-1	36880	37938	37319	37379	1.42	cps
Lead	207-1	32891	32034	32758	32561	1.42	cps
Lead	208-1	147498	147621	147089	147402	0.19	cps
Lithium	6-1	3443415	3550572	3609648	3534545	2.38	cps
Magnesium	24-2	145829866	146740857	148892807	147154510	1.07	cps

LB Number :	LB106731	Operator :	Jaswal
Lab Sample ID :	S8	Instrumnet Name :	P7
Client Sample ID :	S8	Dilution Factor :	1
Date & Time Acquired ::	2019-12-12 15:56:06	DataFile Name :	010CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	15008	14884	14931	14941	0.42	cps
Molybdenum	94-1	19222	19940	19397	19520	1.92	cps
Molybdenum	95-1	29348	30433	31026	30269	2.81	cps
Molybdenum	96-1	40191	40082	38738	39670	2.04	cps
Molybdenum	97-1	17603	18238	17712	17851	1.90	cps
Molybdenum	98-1	46051	45758	45750	45853	0.37	cps
Neodymium	150-1	127	127	133	129	2.99	cps
Neodymium	150-2	70	53	73	66	16.35	cps
Nickel	60-2	28682	29467	29506	29218	1.59	cps
Phosphorus	31-2	117	150	142	136	12.75	cps
Potassium	39-2	63807693	65004585	65632704	64814994	1.43	cps
Rhodium	103-1	11385880	11767459	11777244	11643528	1.92	cps
Rhodium	103-2	5330770	5396499	5421459	5382909	0.87	cps
Scandium	45-1	9051272	9274231	9397833	9241112	1.90	cps
Scandium	45-2	387066	397081	400834	394994	1.80	cps
Selenium	77-2	7	7	7	7	0.00	cps
Selenium	78-2	67	81	80	76	10.63	cps
Selenium	82-1	235	69	232	178	53.13	cps
Silicon	28-1	1901032	1971535	1968690	1947085	2.05	cps
Silver	109-1	1442	1600	1533	1525	5.21	cps
Silver	107-1	1859	1709	1625	1731	6.83	cps
Sodium	23-2	291825065	296087165	298572057	295494762	1.15	cps
Strontium	86-1	17553	17995	18079	17876	1.58	cps
Strontium	88-1	145430	146381	146811	146207	0.48	cps
Sulfur	34-1	378610	381263	392300	384058	1.89	cps
Terbium	159-1	19313686	19703284	19634750	19550573	1.06	cps
Terbium	159-2	8603104	8650432	8663098	8638878	0.37	cps
Thallium	203-1	3042	3017	2842	2967	3.67	cps
Thallium	205-1	7252	6602	5827	6560	10.88	cps
Thorium	232-1	10315	10354	10360	10343	0.23	cps
Tin	118-1	6510	6393	6227	6377	2.23	cps
Titanium	47-1	2634	2384	2400	2473	5.65	cps
Uranium	238-1	5543	5476	4609	5210	10.00	cps
Vanadium	51-2	783	827	827	812	3.08	cps
Yttrium	89-1	17532501	18039294	18142663	17904820	1.82	cps
Yttrium	89-2	2274018	2311970	2337185	2307724	1.38	cps

LB Number :	LB106731	Operator :	Jaswal
Lab Sample ID :	S8	Instrumnet Name :	P7
Client Sample ID :	S8	Dilution Factor :	1
Date & Time Acquired ::	2019-12-12 15:56:06	DataFile Name :	010CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zinc	66-2	16019	15765	16162	15982	1.26	cps
Zirconium	90-1	6135	5993	6485	6204	4.08	cps
Zirconium	91-1	1567	1275	1500	1447	10.56	cps

LB Number :	LB106731	Operator :	Jaswal
Lab Sample ID :	ICV01	Instrumnet Name :	P7
Client Sample ID :	ICV01	Dilution Factor :	1
Date & Time Acquired ::	2019-12-12 16:02:06	DataFile Name :	011ICV01.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	67662	65921	66808	66797	1.30	cps
Antimony	121-1	2489620	2522971	2490407	2500999	0.76	cps
Arsenic	75-1	596362	600482	593028	596624	0.63	cps
Barium	135-1	323632	331223	328612	327822	1.18	cps
Barium	137-1	569039	576823	574672	573511	0.70	cps
Beryllium	9-1	262066	269277	263103	264815	1.47	cps
Bismuth	209-1	12588867	12654731	12595654	12613084	0.29	cps
Bismuth	209-2	6619638	6601959	6616846	6612814	0.14	cps
Boron	10-1	3384	3392	3476	3417	1.48	cps
Boron	11-1	16393	15834	15884	16037	1.93	cps
Cadmium	111-1	375640	381896	379223	378920	0.83	cps
Cadmium	106-1	41821	40635	41746	41401	1.61	cps
Cadmium	108-1	23516	24263	24914	24231	2.89	cps
Calcium	43-1	91785	92723	92589	92366	0.55	cps
Calcium	44-1	1472314	1493999	1485620	1483978	0.74	cps
Chromium	52-1	2284937	2301498	2296151	2294195	0.37	cps
Cobalt	59-2	655104	650110	655033	653416	0.44	cps
Copper	63-2	457605	453298	456051	455651	0.48	cps
Dysprosium	156-1	58	33	58	50	28.88	cps
Dysprosium	156-2	50	20	20	30	57.74	cps
Erbium	164-1	167	242	217	208	18.33	cps
Erbium	164-2	117	97	113	109	9.84	cps
Gadolinium	160-1	217	150	158	175	20.76	cps
Gadolinium	160-2	363	313	320	332	8.17	cps
Holmium	165-1	21156332	21006968	20925060	21029453	0.56	cps
Holmium	165-2	9724754	9654137	9727439	9702110	0.43	cps
Indium	115-1	16351877	16181897	16179609	16237794	0.61	cps
Indium	115-2	2764543	2751307	2758486	2758112	0.24	cps
Iron	56-2	3636470	3613693	3626861	3625675	0.32	cps
Iron	57-2	92099	91685	92992	92259	0.72	cps
Krypton	83-1	990	997	1040	1009	2.69	cps
Lead	206-1	2316093	2329399	2349157	2331550	0.71	cps
Lead	207-1	1996612	2013005	2023177	2010931	0.67	cps
Lead	208-1	9257680	9311367	9313037	9294028	0.34	cps
Lithium	6-1	4251482	4212805	4219232	4227840	0.49	cps
Magnesium	24-2	419187	420479	415322	418329	0.64	cps

LB Number : LB106731 Operator : Jaswal
 Lab Sample ID : ICV01 Instrumnet Name : P7
 Client Sample ID : ICV01 Dilution Factor : 1
 Date & Time Acquired :: 2019-12-12 16:02:06 DataFile Name : 011ICV01.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	224768	223140	226427	224778	0.73	cps
Molybdenum	94-1	2600	2700	3084	2795	9.13	cps
Molybdenum	95-1	3317	3517	3559	3464	3.73	cps
Molybdenum	96-1	3992	3884	3851	3909	1.90	cps
Molybdenum	97-1	2200	2225	2042	2156	4.61	cps
Molybdenum	98-1	5576	5601	5468	5549	1.28	cps
Neodymium	150-1	67	53	53	58	13.32	cps
Neodymium	150-2	3	7	20	10	88.20	cps
Nickel	60-2	171267	170913	172267	171482	0.41	cps
Phosphorus	31-2	100	133	108	114	15.23	cps
Potassium	39-2	588468	587638	582605	586237	0.54	cps
Rhodium	103-1	15039422	14999720	14844809	14961317	0.69	cps
Rhodium	103-2	6863171	6819179	6793033	6825128	0.52	cps
Scandium	45-1	10647825	10639588	10526459	10604624	0.64	cps
Scandium	45-2	435022	434607	438696	436108	0.52	cps
Selenium	77-2	2380	2297	2200	2292	3.93	cps
Selenium	78-2	7593	7674	7798	7689	1.35	cps
Selenium	82-1	57872	59302	58464	58546	1.23	cps
Silicon	28-1	186024	186691	186059	186258	0.20	cps
Silver	109-1	1588818	1610214	1608511	1602514	0.74	cps
Silver	107-1	1661546	1650834	1670768	1661049	0.60	cps
Sodium	23-2	1360311	1358765	1361001	1360025	0.08	cps
Strontium	86-1	11880	11839	11889	11869	0.23	cps
Strontium	88-1	90670	90946	89277	90298	0.99	cps
Sulfur	34-1	454510	450869	453396	452925	0.41	cps
Terbium	159-1	21507046	21522071	21404936	21478018	0.30	cps
Terbium	159-2	9566374	9453971	9414494	9478280	0.83	cps
Thallium	203-1	2833279	2876326	2859000	2856202	0.76	cps
Thallium	205-1	6932076	6936821	6907352	6925416	0.23	cps
Thorium	232-1	5034	4962	5396	5131	4.53	cps
Tin	118-1	4801	4726	4676	4734	1.33	cps
Titanium	47-1	1025	775	933	911	13.88	cps
Uranium	238-1	3376	3159	3084	3206	4.72	cps
Vanadium	51-2	320264	316398	321912	319525	0.89	cps
Yttrium	89-1	20012362	20068636	19832824	19971274	0.62	cps
Yttrium	89-2	2520797	2513225	2522398	2518807	0.19	cps

LB Number :	LB106731	Operator :	Jaswal
Lab Sample ID :	ICV01	Instrumnet Name :	P7
Client Sample ID :	ICV01	Dilution Factor :	1
Date & Time Acquired ::	2019-12-12 16:02:06	DataFile Name :	011ICV01.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zinc	66-2	138288	139838	139290	139139	0.57	cps
Zirconium	90-1	2092	2417	2684	2398	12.36	cps
Zirconium	91-1	858	825	850	845	2.05	cps

LB Number : LB106731 Operator : Jaswal
 Lab Sample ID : ICB01 Instrumnet Name : P7
 Client Sample ID : ICB01 Dilution Factor : 1
 Date & Time Acquired :: 2019-12-12 16:05:43 DataFile Name : 012CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	242	117	158	172	36.96	cps
Antimony	121-1	2892	3309	3417	3206	8.65	cps
Arsenic	75-1	-2177	-2024	-1786	-1996	-9.87	cps
Barium	135-1	100	100	67	89	21.65	cps
Barium	137-1	108	108	158	125	23.09	cps
Beryllium	9-1	194	144	144	161	17.92	cps
Bismuth	209-1	12744864	12895956	12713284	12784702	0.76	cps
Bismuth	209-2	6663045	6673294	6617549	6651296	0.45	cps
Boron	10-1	2359	2600	2534	2498	5.00	cps
Boron	11-1	12898	12581	11680	12386	5.10	cps
Cadmium	111-1	6045	6018	5883	5982	1.45	cps
Cadmium	106-1	8511	8520	8344	8458	1.17	cps
Cadmium	108-1	25	29	42	32	27.15	cps
Calcium	43-1	608	408	467	494	20.80	cps
Calcium	44-1	14082	14366	13732	14060	2.26	cps
Chromium	52-1	31784	31835	32125	31915	0.58	cps
Cobalt	59-2	157	143	107	136	19.10	cps
Copper	63-2	777	857	743	792	7.35	cps
Dysprosium	156-1	25	25	50	33	43.30	cps
Dysprosium	156-2	7	33	23	21	63.80	cps
Erbium	164-1	67	100	92	86	20.15	cps
Erbium	164-2	110	63	67	80	32.54	cps
Gadolinium	160-1	192	192	150	178	13.53	cps
Gadolinium	160-2	323	310	320	318	2.18	cps
Holmium	165-1	20937645	21213981	21137334	21096320	0.68	cps
Holmium	165-2	9750516	9649702	9736056	9712091	0.56	cps
Indium	115-1	16318276	16457153	16339231	16371554	0.46	cps
Indium	115-2	2715776	2723361	2727984	2722374	0.23	cps
Iron	56-2	12456	12417	12178	12350	1.22	cps
Iron	57-2	439	406	461	435	6.43	cps
Krypton	83-1	943	973	867	928	5.93	cps
Lead	206-1	1906	1911	1817	1878	2.82	cps
Lead	207-1	1750	1850	1633	1745	6.22	cps
Lead	208-1	7373	7501	6612	7162	6.71	cps
Lithium	6-1	4241048	4299019	4260437	4266835	0.69	cps
Magnesium	24-2	1750	1558	1859	1722	8.82	cps

LB Number : LB106731 Operator : Jaswal
 Lab Sample ID : ICB01 Instrumnet Name : P7
 Client Sample ID : ICB01 Dilution Factor : 1
 Date & Time Acquired :: 2019-12-12 16:05:43 DataFile Name : 012CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	83	70	107	87	21.42	cps
Molybdenum	94-1	708	800	683	731	8.41	cps
Molybdenum	95-1	583	750	717	683	12.91	cps
Molybdenum	96-1	717	733	892	781	12.37	cps
Molybdenum	97-1	333	367	458	386	16.76	cps
Molybdenum	98-1	992	1108	1142	1081	7.29	cps
Neodymium	150-1	13	13	27	18	43.33	cps
Neodymium	150-2	20	3	3	9	108.30	cps
Nickel	60-2	57	73	60	63	13.92	cps
Phosphorus	31-2	108	167	125	133	22.53	cps
Potassium	39-2	22668	22818	22918	22802	0.55	cps
Rhodium	103-1	14983065	15315912	15105419	15134799	1.11	cps
Rhodium	103-2	6854880	6872335	6824626	6850614	0.35	cps
Scandium	45-1	10602664	10727693	10606631	10645663	0.67	cps
Scandium	45-2	435700	433229	432896	433941	0.35	cps
Selenium	77-2	0	3	0	1	173.21	cps
Selenium	78-2	52	50	59	54	9.12	cps
Selenium	82-1	118	61	141	107	38.40	cps
Silicon	28-1	162548	169445	164274	165422	2.17	cps
Silver	109-1	267	317	308	297	9.01	cps
Silver	107-1	408	425	292	375	19.37	cps
Sodium	23-2	23870	23369	23686	23642	1.07	cps
Strontium	86-1	1367	1583	1575	1508	8.14	cps
Strontium	88-1	250	200	208	219	12.21	cps
Sulfur	34-1	452589	451202	452252	452014	0.16	cps
Terbium	159-1	21401981	21796997	21519531	21572836	0.94	cps
Terbium	159-2	9614592	9437239	9522686	9524839	0.93	cps
Thallium	203-1	1742	1667	1784	1731	3.42	cps
Thallium	205-1	3292	3717	3301	3437	7.07	cps
Thorium	232-1	4056	4001	4184	4080	2.31	cps
Tin	118-1	2534	2784	2742	2686	4.99	cps
Titanium	47-1	100	100	142	114	21.12	cps
Uranium	238-1	2767	2459	2775	2667	6.77	cps
Vanadium	51-2	53	33	63	50	30.55	cps
Yttrium	89-1	20014266	20283386	20122054	20139902	0.67	cps
Yttrium	89-2	2495229	2505620	2492025	2497625	0.28	cps

LB Number :	LB106731	Operator :	Jaswal
Lab Sample ID :	ICB01	Instrumnet Name :	P7
Client Sample ID :	ICB01	Dilution Factor :	1
Date & Time Acquired ::	2019-12-12 16:05:43	DataFile Name :	012CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zinc	66-2	870	853	870	864	1.11	cps
Zirconium	90-1	1150	1100	1158	1136	2.78	cps
Zirconium	91-1	233	333	217	261	24.17	cps

LB Number : LB106731 Operator : Jaswal
 Lab Sample ID : ICSA01 Instrumnet Name : P7
 Client Sample ID : ICSA01 Dilution Factor : 1
 Date & Time Acquired :: 2019-12-12 16:09:21 DataFile Name : 013ICSA01.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	12020590	11871711	11860640	11917647	0.75	cps
Antimony	121-1	15493	16460	15860	15937	3.07	cps
Arsenic	75-1	3758	3534	3468	3587	4.23	cps
Barium	135-1	4476	4893	4676	4682	4.45	cps
Barium	137-1	8361	8078	8561	8333	2.92	cps
Beryllium	9-1	811	956	778	848	11.14	cps
Bismuth	209-1	11528818	11548733	11578619	11552057	0.22	cps
Bismuth	209-2	5882207	5909224	5897492	5896308	0.23	cps
Boron	10-1	2117	2284	2084	2161	4.96	cps
Boron	11-1	10946	10662	10671	10760	1.50	cps
Cadmium	111-1	8278	8556	8346	8393	1.72	cps
Cadmium	106-1	8144	8244	8244	8211	0.70	cps
Cadmium	108-1	4409	4405	4163	4326	3.25	cps
Calcium	43-1	4161133	4235368	4209336	4201946	0.90	cps
Calcium	44-1	66145737	67137652	67221024	66834804	0.90	cps
Chromium	52-1	475216	483597	479782	479531	0.88	cps
Cobalt	59-2	7579	7499	7559	7545	0.55	cps
Copper	63-2	32957	33098	32743	32933	0.54	cps
Dysprosium	156-1	42	75	67	61	28.38	cps
Dysprosium	156-2	60	97	30	62	53.66	cps
Erbium	164-1	108	192	175	158	27.85	cps
Erbium	164-2	133	83	103	107	23.59	cps
Gadolinium	160-1	158	233	167	186	22.09	cps
Gadolinium	160-2	287	320	300	302	5.55	cps
Holmium	165-1	20630949	20872176	20887093	20796740	0.69	cps
Holmium	165-2	9432799	9453386	9402657	9429614	0.27	cps
Indium	115-1	15169392	15152487	15093012	15138297	0.27	cps
Indium	115-2	2482023	2533498	2536971	2517497	1.22	cps
Iron	56-2	320721263	320970496	317317329	319669696	0.64	cps
Iron	57-2	7761150	7750459	7684307	7731972	0.54	cps
Krypton	83-1	977	983	847	936	8.24	cps
Lead	206-1	49543	50334	50451	50110	0.99	cps
Lead	207-1	39013	40273	39910	39732	1.63	cps
Lead	208-1	185033	188371	188445	187283	1.04	cps
Lithium	6-1	3812869	3821061	3813243	3815724	0.12	cps
Magnesium	24-2	31255325	31048558	31001259	31101714	0.43	cps

LB Number : LB106731 Operator : Jaswal
 Lab Sample ID : ICSA01 Instrumnet Name : P7
 Client Sample ID : ICSA01 Dilution Factor : 1
 Date & Time Acquired :: 2019-12-12 16:09:21 DataFile Name : 013ICSA01.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	17194	17190	16863	17082	1.11	cps
Molybdenum	94-1	7403346	7512035	7507651	7474344	0.82	cps
Molybdenum	95-1	13139294	13340400	13202342	13227346	0.78	cps
Molybdenum	96-1	13956790	14208028	14013648	14059489	0.94	cps
Molybdenum	97-1	8195546	8322474	8274503	8264174	0.78	cps
Molybdenum	98-1	20854962	21244169	21097415	21065515	0.93	cps
Neodymium	150-1	47	53	100	67	43.58	cps
Neodymium	150-2	23	47	33	34	34.00	cps
Nickel	60-2	8426	8663	8586	8558	1.41	cps
Phosphorus	31-2	656184	647087	652920	652064	0.71	cps
Potassium	39-2	26596346	26385197	26514034	26498526	0.40	cps
Rhodium	103-1	13280053	13494237	13474963	13416418	0.88	cps
Rhodium	103-2	6052525	6095238	6039138	6062300	0.48	cps
Scandium	45-1	9961017	10074669	10070636	10035441	0.64	cps
Scandium	45-2	408900	409734	412705	410446	0.49	cps
Selenium	77-2	13	3	0	6	124.93	cps
Selenium	78-2	59	74	57	64	14.37	cps
Selenium	82-1	-26	30	198	67	172.97	cps
Silicon	28-1	326329	332301	325785	328138	1.10	cps
Silver	109-1	1008	758	992	920	15.20	cps
Silver	107-1	833	1025	900	920	10.58	cps
Sodium	23-2	62319660	62098983	62297414	62238685	0.20	cps
Strontium	86-1	148115	149917	150978	149670	0.97	cps
Strontium	88-1	1265417	1284751	1291565	1280578	1.06	cps
Sulfur	34-1	6702465	6749767	6675900	6709377	0.56	cps
Terbium	159-1	21190392	21353566	21317250	21287070	0.40	cps
Terbium	159-2	9138643	9186169	9138058	9154290	0.30	cps
Thallium	203-1	4301	5693	6077	5357	17.44	cps
Thallium	205-1	10279	12615	14826	12573	18.08	cps
Thorium	232-1	4045	4223	4434	4234	4.60	cps
Tin	118-1	4009	4042	4126	4059	1.48	cps
Titanium	47-1	3693775	3741114	3728803	3721231	0.66	cps
Uranium	238-1	3084	3634	3025	3248	10.34	cps
Vanadium	51-2	543	583	510	546	6.73	cps
Yttrium	89-1	19029071	19471438	19207967	19236159	1.16	cps
Yttrium	89-2	2355172	2386042	2361305	2367506	0.69	cps

LB Number :	LB106731	Operator :	Jaswal
Lab Sample ID :	ICSA01	Instrumnet Name :	P7
Client Sample ID :	ICSA01	Dilution Factor :	1
Date & Time Acquired ::	2019-12-12 16:09:21	DataFile Name :	013ICSA01.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zinc	66-2	7292	7719	7259	7423	3.46	cps
Zirconium	90-1	1742	2392	2575	2236	19.58	cps
Zirconium	91-1	483	408	517	469	11.82	cps

LB Number : LB106731 Operator : Jaswal
 Lab Sample ID : ICSAB01 Instrumnet Name : P7
 Client Sample ID : ICSAB01 Dilution Factor : 1
 Date & Time Acquired :: 2019-12-12 16:12:59 DataFile Name : 014ICSB.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	11893287	11908460	11999661	11933803	0.48	cps
Antimony	121-1	270695	266479	269807	268994	0.83	cps
Arsenic	75-1	59752	59023	60690	59822	1.40	cps
Barium	135-1	71643	71827	72346	71939	0.51	cps
Barium	137-1	123234	121225	121881	122114	0.84	cps
Beryllium	9-1	49960	50011	49866	49945	0.15	cps
Bismuth	209-1	11649821	11673778	11693669	11672423	0.19	cps
Bismuth	209-2	6025416	5970045	5992048	5995837	0.46	cps
Boron	10-1	24137	24445	24905	24496	1.58	cps
Boron	11-1	117731	117983	115481	117065	1.18	cps
Cadmium	111-1	78886	78777	79376	79013	0.40	cps
Cadmium	106-1	18521	18596	18162	18426	1.26	cps
Cadmium	108-1	10925	10696	10592	10738	1.59	cps
Calcium	43-1	4201489	4172534	4209603	4194542	0.46	cps
Calcium	44-1	66495837	66453899	66855431	66601722	0.33	cps
Chromium	52-1	919950	920647	921909	920836	0.11	cps
Cobalt	59-2	129118	131190	130753	130354	0.84	cps
Copper	63-2	118535	116707	116415	117219	0.98	cps
Dysprosium	156-1	175	158	75	136	39.36	cps
Dysprosium	156-2	60	63	50	58	12.01	cps
Erbium	164-1	275	125	208	203	37.06	cps
Erbium	164-2	103	130	67	100	31.80	cps
Gadolinium	160-1	192	242	242	225	12.83	cps
Gadolinium	160-2	310	380	280	323	15.87	cps
Holmium	165-1	21074887	21006722	21057420	21046343	0.17	cps
Holmium	165-2	9565638	9548882	9577245	9563922	0.15	cps
Indium	115-1	15242351	15313112	15378776	15311413	0.45	cps
Indium	115-2	2549111	2548740	2570974	2556275	0.50	cps
Iron	56-2	321271929	320825729	321367163	321154941	0.09	cps
Iron	57-2	7778556	7771947	7762474	7770992	0.10	cps
Krypton	83-1	873	947	973	931	5.56	cps
Lead	206-1	260930	262466	266084	263160	1.01	cps
Lead	207-1	215834	215404	217887	216375	0.61	cps
Lead	208-1	1003497	1008400	1014262	1008720	0.53	cps
Lithium	6-1	3843123	3801809	3837097	3827343	0.58	cps
Magnesium	24-2	31286760	31055558	30986469	31109596	0.51	cps

LB Number : LB106731 Operator : Jaswal
 Lab Sample ID : ICSAB01 Instrumnet Name : P7
 Client Sample ID : ICSAB01 Dilution Factor : 1
 Date & Time Acquired :: 2019-12-12 16:12:59 DataFile Name : 014ICSB.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	60377	61528	60648	60851	0.99	cps
Molybdenum	94-1	8093534	8099415	8096664	8096538	0.04	cps
Molybdenum	95-1	13566319	13435339	13526232	13509297	0.50	cps
Molybdenum	96-1	14494282	14403816	14486089	14461396	0.35	cps
Molybdenum	97-1	8473770	8453841	8471990	8466534	0.13	cps
Molybdenum	98-1	21527106	21537245	21615346	21559899	0.22	cps
Neodymium	150-1	53	73	80	69	20.14	cps
Neodymium	150-2	27	30	13	23	37.81	cps
Nickel	60-2	40031	40052	39009	39697	1.50	cps
Phosphorus	31-2	653210	653153	663885	656749	0.94	cps
Potassium	39-2	26722740	26432880	26545969	26567196	0.55	cps
Rhodium	103-1	13563226	13486111	13601725	13550354	0.43	cps
Rhodium	103-2	6147464	6092606	6204425	6148165	0.91	cps
Scandium	45-1	10111322	10111031	10119236	10113863	0.05	cps
Scandium	45-2	414753	415599	415242	415198	0.10	cps
Selenium	77-2	187	210	277	224	20.81	cps
Selenium	78-2	772	780	709	754	5.13	cps
Selenium	82-1	5422	5503	5235	5387	2.55	cps
Silicon	28-1	755499	758619	758966	757695	0.25	cps
Silver	109-1	293521	299301	297501	296775	1.00	cps
Silver	107-1	309047	308580	313564	310397	0.89	cps
Sodium	23-2	62283237	62046262	61742728	62024076	0.44	cps
Strontium	86-1	374055	371830	373885	373257	0.33	cps
Strontium	88-1	3187190	3190804	3207140	3195045	0.33	cps
Sulfur	34-1	6576111	6650510	6621756	6616126	0.57	cps
Terbium	159-1	21543131	21255141	21516287	21438186	0.74	cps
Terbium	159-2	9308406	9309843	9332223	9316824	0.14	cps
Thallium	203-1	263400	262546	265426	263791	0.56	cps
Thallium	205-1	626150	626950	630648	627916	0.38	cps
Thorium	232-1	3334	3617	3645	3532	4.88	cps
Tin	118-1	576299	579112	579726	578379	0.32	cps
Titanium	47-1	3824275	3845605	3829514	3833131	0.29	cps
Uranium	238-1	2138513	2157920	2158541	2151658	0.53	cps
Vanadium	51-2	62361	61802	61936	62033	0.47	cps
Yttrium	89-1	19318331	19301705	19434107	19351381	0.37	cps
Yttrium	89-2	2431221	2397540	2436806	2421856	0.88	cps

LB Number :	LB106731	Operator :	Jaswal
Lab Sample ID :	ICSAB01	Instrumnet Name :	P7
Client Sample ID :	ICSAB01	Dilution Factor :	1
Date & Time Acquired ::	2019-12-12 16:12:59	DataFile Name :	014ICSB.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zinc	66-2	18832	19730	19366	19310	2.34	cps
Zirconium	90-1	1205575	1208820	1212892	1209095	0.30	cps
Zirconium	91-1	270445	267633	270021	269367	0.56	cps

LB Number : LB106731 Operator : Jaswal
 Lab Sample ID : CCV87 Instrumnet Name : P7
 Client Sample ID : CCV87 Dilution Factor : 1
 Date & Time Acquired :: 2019-12-12 16:16:37 DataFile Name : 015CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	6816369	6902609	6883621	6867533	0.66	cps
Antimony	121-1	6648194	6677985	6647445	6657875	0.26	cps
Arsenic	75-1	1423925	1429935	1441556	1431805	0.63	cps
Barium	135-1	8682724	8762213	8759096	8734678	0.52	cps
Barium	137-1	15107807	15304945	15254698	15222483	0.67	cps
Beryllium	9-1	1308956	1335044	1327507	1323836	1.01	cps
Bismuth	209-1	11052259	11211223	11071614	11111699	0.78	cps
Bismuth	209-2	5686881	5709772	5723008	5706554	0.32	cps
Boron	10-1	239241	245819	248714	244591	1.98	cps
Boron	11-1	1108309	1144946	1154119	1135791	2.13	cps
Cadmium	111-1	1911037	1934661	1931136	1925611	0.66	cps
Cadmium	106-1	232739	229811	230369	230973	0.67	cps
Cadmium	108-1	149832	150830	153837	151500	1.38	cps
Calcium	43-1	10512516	10517251	10537083	10522283	0.12	cps
Calcium	44-1	167133350	165851108	167516162	166833540	0.52	cps
Chromium	52-1	12333898	12460247	12351200	12381782	0.55	cps
Cobalt	59-2	3158569	3205162	3235810	3199847	1.22	cps
Copper	63-2	4611236	4669430	4676083	4652250	0.77	cps
Dysprosium	156-1	208	242	233	228	7.62	cps
Dysprosium	156-2	243	230	223	232	4.38	cps
Erbium	164-1	167	167	142	158	9.12	cps
Erbium	164-2	113	53	83	83	36.00	cps
Gadolinium	160-1	217	300	225	247	18.57	cps
Gadolinium	160-2	273	347	400	340	18.70	cps
Holmium	165-1	20717304	20598033	20534337	20616558	0.45	cps
Holmium	165-2	9341148	9363605	9379630	9361461	0.21	cps
Indium	115-1	14701383	14831903	14812392	14781893	0.48	cps
Indium	115-2	2499430	2514419	2508313	2507387	0.30	cps
Iron	56-2	392671798	391184242	393642375	392499472	0.32	cps
Iron	57-2	9546820	9618120	9617964	9594302	0.43	cps
Krypton	83-1	910	977	1027	971	6.03	cps
Lead	206-1	5487420	5536752	5518806	5514326	0.45	cps
Lead	207-1	4735819	4759008	4730734	4741854	0.32	cps
Lead	208-1	21571640	21802264	21625961	21666622	0.56	cps
Lithium	6-1	3784749	3826967	3840102	3817273	0.76	cps
Magnesium	24-2	75580443	76274025	76319262	76057910	0.54	cps

LB Number :	LB106731	Operator :	Jaswal
Lab Sample ID :	CCV87	Instrumnet Name :	P7
Client Sample ID :	CCV87	Dilution Factor :	1
Date & Time Acquired ::	2019-12-12 16:16:37	DataFile Name :	015CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	2353469	2349231	2372499	2358400	0.53	cps
Molybdenum	94-1	15141995	15304001	15223712	15223236	0.53	cps
Molybdenum	95-1	18563045	18746629	18759357	18689677	0.59	cps
Molybdenum	96-1	20579925	20796678	20740534	20705712	0.54	cps
Molybdenum	97-1	11634838	11714846	11647226	11665637	0.37	cps
Molybdenum	98-1	29968303	29917347	29620852	29835500	0.63	cps
Neodymium	150-1	787	800	693	760	7.65	cps
Neodymium	150-2	103	110	77	97	18.25	cps
Nickel	60-2	825961	832598	856121	838227	1.89	cps
Phosphorus	31-2	22493	23486	22551	22843	2.44	cps
Potassium	39-2	33186055	33477165	33651527	33438249	0.70	cps
Rhodium	103-1	13054224	13099835	12957038	13037032	0.56	cps
Rhodium	103-2	5843061	5931293	5913466	5895940	0.79	cps
Scandium	45-1	10043492	10151465	10082160	10092372	0.54	cps
Scandium	45-2	414437	417804	419794	417345	0.65	cps
Selenium	77-2	5281	5641	5561	5494	3.44	cps
Selenium	78-2	19009	19239	18759	19002	1.26	cps
Selenium	82-1	143265	143492	144140	143633	0.32	cps
Silicon	28-1	6904510	7214087	7257089	7125229	2.70	cps
Silver	109-1	8444166	8556474	8567095	8522578	0.80	cps
Silver	107-1	8800740	8783549	8892610	8825633	0.66	cps
Sodium	23-2	150153995	155059283	156015916	153743065	2.05	cps
Strontium	86-1	2244794	2261441	2269960	2258732	0.57	cps
Strontium	88-1	19828222	19694979	19736739	19753313	0.35	cps
Sulfur	34-1	645615	654654	656742	652337	0.91	cps
Terbium	159-1	20793865	20970507	20838945	20867772	0.44	cps
Terbium	159-2	9035610	9096994	9167627	9100077	0.73	cps
Thallium	203-1	6720896	6717944	6706976	6715272	0.11	cps
Thallium	205-1	15956195	15967885	15959835	15961305	0.04	cps
Thorium	232-1	5650297	5662291	5576001	5629530	0.83	cps
Tin	118-1	6011797	6086924	6093757	6064159	0.75	cps
Titanium	47-1	5178793	5176612	5212765	5189390	0.39	cps
Uranium	238-1	21792418	22163551	21982805	21979591	0.84	cps
Vanadium	51-2	1693558	1705850	1712609	1704006	0.57	cps
Yttrium	89-1	19211938	19162363	19172766	19182356	0.14	cps
Yttrium	89-2	2382930	2428337	2411319	2407529	0.95	cps

LB Number :	LB106731	Operator :	Jaswal
Lab Sample ID :	CCV87	Instrumnet Name :	P7
Client Sample ID :	CCV87	Dilution Factor :	1
Date & Time Acquired ::	2019-12-12 16:16:37	DataFile Name :	015CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zinc	66-2	659361	675711	671117	668730	1.26	cps
Zirconium	90-1	12597384	12716853	12682286	12665508	0.49	cps
Zirconium	91-1	2727263	2762830	2752626	2747573	0.67	cps

LB Number : LB106731 Operator : Jaswal
 Lab Sample ID : CCB87 Instrumnet Name : P7
 Client Sample ID : CCB87 Dilution Factor : 1
 Date & Time Acquired :: 2019-12-12 16:20:20 DataFile Name : 016CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	567	575	533	558	3.95	cps
Antimony	121-1	6252	7452	7636	7113	10.57	cps
Arsenic	75-1	-1771	-2120	-1703	-1864	-11.98	cps
Barium	135-1	975	933	908	939	3.59	cps
Barium	137-1	1458	1408	1192	1353	10.48	cps
Beryllium	9-1	383	272	311	322	17.50	cps
Bismuth	209-1	13275595	12946473	12817406	13013158	1.82	cps
Bismuth	209-2	6619306	6694638	6628823	6647589	0.62	cps
Boron	10-1	6060	5593	5801	5818	4.02	cps
Boron	11-1	29020	25339	25105	26488	8.29	cps
Cadmium	111-1	6524	6380	6664	6523	2.18	cps
Cadmium	106-1	8795	8820	9212	8942	2.61	cps
Cadmium	108-1	46	33	54	44	23.60	cps
Calcium	43-1	1492	1383	1158	1345	12.65	cps
Calcium	44-1	29647	28529	25890	28022	6.88	cps
Chromium	52-1	32907	32439	32222	32523	1.08	cps
Cobalt	59-2	317	247	297	287	12.58	cps
Copper	63-2	1470	1300	1343	1371	6.44	cps
Dysprosium	156-1	25	25	42	31	31.50	cps
Dysprosium	156-2	23	23	30	26	15.07	cps
Erbium	164-1	92	117	150	119	24.50	cps
Erbium	164-2	77	83	67	76	11.10	cps
Gadolinium	160-1	125	133	175	144	18.54	cps
Gadolinium	160-2	327	303	300	310	4.69	cps
Holmium	165-1	21777866	21435923	21330596	21514795	1.09	cps
Holmium	165-2	9650083	9794605	9745985	9730224	0.76	cps
Indium	115-1	16952671	16556904	16540350	16683308	1.40	cps
Indium	115-2	2689755	2740333	2767039	2732376	1.44	cps
Iron	56-2	37198	34469	32124	34597	7.34	cps
Iron	57-2	1011	911	861	928	8.23	cps
Krypton	83-1	1010	990	1013	1004	1.26	cps
Lead	206-1	2967	2956	3045	2989	1.62	cps
Lead	207-1	2600	2667	2628	2632	1.27	cps
Lead	208-1	11447	11358	11408	11404	0.39	cps
Lithium	6-1	4272483	4197463	4169680	4213209	1.26	cps
Magnesium	24-2	5676	5568	5234	5493	4.19	cps

LB Number : LB106731 Operator : Jaswal
 Lab Sample ID : CCB87 Instrumnet Name : P7
 Client Sample ID : CCB87 Dilution Factor : 1
 Date & Time Acquired :: 2019-12-12 16:20:20 DataFile Name : 016CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	243	243	210	232	8.29	cps
Molybdenum	94-1	3984	4026	4134	4048	1.91	cps
Molybdenum	95-1	5193	4693	5110	4998	5.36	cps
Molybdenum	96-1	5593	5510	4968	5357	6.34	cps
Molybdenum	97-1	3167	3017	3317	3167	4.74	cps
Molybdenum	98-1	8403	7761	7861	8008	4.31	cps
Neodymium	150-1	13	13	7	11	34.61	cps
Neodymium	150-2	3	13	3	7	86.65	cps
Nickel	60-2	130	100	70	100	30.00	cps
Phosphorus	31-2	83	117	108	103	16.88	cps
Potassium	39-2	28111	27652	28236	28000	1.10	cps
Rhodium	103-1	15449548	15273362	15280745	15334552	0.65	cps
Rhodium	103-2	6831744	6881466	6905829	6873013	0.55	cps
Scandium	45-1	10921063	10734437	10647617	10767706	1.30	cps
Scandium	45-2	431754	436010	439236	435666	0.86	cps
Selenium	77-2	3	0	7	3	100.05	cps
Selenium	78-2	67	72	72	70	4.55	cps
Selenium	82-1	84	70	53	69	22.08	cps
Silicon	28-1	183157	179127	174092	178792	2.54	cps
Silver	109-1	1208	1300	1083	1197	9.08	cps
Silver	107-1	1333	1333	1258	1308	3.31	cps
Sodium	23-2	42353	41249	39010	40871	4.17	cps
Strontium	86-1	1700	1842	1725	1756	4.31	cps
Strontium	88-1	2242	2250	2017	2170	6.10	cps
Sulfur	34-1	430622	434143	438245	434336	0.88	cps
Terbium	159-1	22368360	21928656	21863305	22053440	1.25	cps
Terbium	159-2	9454829	9562757	9564462	9527349	0.66	cps
Thallium	203-1	2792	2517	2717	2675	5.31	cps
Thallium	205-1	5918	6352	5601	5957	6.32	cps
Thorium	232-1	4140	3812	4090	4014	4.40	cps
Tin	118-1	4076	3876	4284	4079	5.01	cps
Titanium	47-1	800	650	683	711	11.08	cps
Uranium	238-1	4576	5043	4593	4737	5.59	cps
Vanadium	51-2	123	93	87	101	19.32	cps
Yttrium	89-1	20695111	20402892	20326342	20474782	0.95	cps
Yttrium	89-2	2476507	2522581	2538147	2512411	1.28	cps

LB Number :	LB106731	Operator :	Jaswal
Lab Sample ID :	CCB87	Instrumnet Name :	P7
Client Sample ID :	CCB87	Dilution Factor :	1
Date & Time Acquired ::	2019-12-12 16:20:20	DataFile Name :	016CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zinc	66-2	913	863	873	883	2.99	cps
Zirconium	90-1	3134	3234	3501	3289	5.76	cps
Zirconium	91-1	625	633	733	664	9.08	cps

LB Number :	LB106731	Operator :	Jaswal
Lab Sample ID :	K6169-16	Instrumnet Name :	P7
Client Sample ID :	MC0BY7	Dilution Factor :	1
Date & Time Acquired ::	2019-12-12 16:23:58	DataFile Name :	017SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	1442	1317	1133	1297	11.96	cps
Antimony	121-1	6393	6869	7094	6785	5.27	cps
Arsenic	75-1	1452	1167	1313	1311	10.90	cps
Barium	135-1	880978	890971	893490	888479	0.74	cps
Barium	137-1	1539436	1537266	1539843	1538848	0.09	cps
Beryllium	9-1	133	217	161	170	24.90	cps
Bismuth	209-1	12393391	12572140	12526046	12497193	0.74	cps
Bismuth	209-2	6440435	6364605	6361668	6388903	0.70	cps
Boron	10-1	158556	161655	164166	161459	1.74	cps
Boron	11-1	756100	768224	791009	771778	2.30	cps
Cadmium	111-1	7028	6620	6333	6660	5.24	cps
Cadmium	106-1	9562	8962	8611	9045	5.32	cps
Cadmium	108-1	58	100	71	76	27.99	cps
Calcium	43-1	3536000	3545505	3567520	3549675	0.46	cps
Calcium	44-1	57934401	58328551	58776080	58346344	0.72	cps
Chromium	52-1	80921	82590	84881	82797	2.40	cps
Cobalt	59-2	4768	4841	4794	4801	0.77	cps
Copper	63-2	3434	3324	3347	3368	1.72	cps
Dysprosium	156-1	125	100	83	103	20.41	cps
Dysprosium	156-2	43	47	43	44	4.34	cps
Erbium	164-1	283	192	208	228	21.44	cps
Erbium	164-2	147	137	110	131	14.46	cps
Gadolinium	160-1	225	233	242	233	3.57	cps
Gadolinium	160-2	303	323	383	337	12.37	cps
Holmium	165-1	21843820	22255895	22181314	22093676	0.99	cps
Holmium	165-2	10103787	9974624	9898977	9992462	1.04	cps
Indium	115-1	16471386	16470553	16563025	16501655	0.32	cps
Indium	115-2	2773468	2756777	2742331	2757525	0.57	cps
Iron	56-2	28248	20070	18302	22207	23.89	cps
Iron	57-2	21867	22718	21466	22017	2.90	cps
Krypton	83-1	1017	953	1050	1007	4.88	cps
Lead	206-1	6835	7013	6635	6828	2.77	cps
Lead	207-1	5857	5929	6302	6029	3.96	cps
Lead	208-1	25938	26878	26928	26581	2.10	cps
Lithium	6-1	4267294	4291208	4313740	4290747	0.54	cps
Magnesium	24-2	16029924	15954478	15753017	15912473	0.90	cps

LB Number :	LB106731	Operator :	Jaswal
Lab Sample ID :	K6169-16	Instrumnet Name :	P7
Client Sample ID :	MC0BY7	Dilution Factor :	1
Date & Time Acquired ::	2019-12-12 16:23:58	DataFile Name :	017SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	332771	330006	330297	331025	0.46	cps
Molybdenum	94-1	17903	18046	19197	18382	3.86	cps
Molybdenum	95-1	31043	30784	31962	31263	1.98	cps
Molybdenum	96-1	33674	33557	33925	33718	0.56	cps
Molybdenum	97-1	19130	19472	19406	19336	0.94	cps
Molybdenum	98-1	49436	49955	51268	50220	1.88	cps
Neodymium	150-1	140	153	107	133	18.03	cps
Neodymium	150-2	20	30	27	26	19.92	cps
Nickel	60-2	14611	14267	14574	14484	1.30	cps
Phosphorus	31-2	142	200	208	183	19.81	cps
Potassium	39-2	1901162	1892759	1860691	1884871	1.13	cps
Rhodium	103-1	14788832	14797571	14800608	14795670	0.04	cps
Rhodium	103-2	6695991	6655884	6606633	6652836	0.67	cps
Scandium	45-1	11091399	11113924	11237072	11147465	0.70	cps
Scandium	45-2	454441	451969	447836	451415	0.74	cps
Selenium	77-2	3	10	3	6	69.34	cps
Selenium	78-2	69	78	104	83	21.89	cps
Selenium	82-1	386	502	383	424	16.03	cps
Silicon	28-1	111297315	111679969	112967740	111981675	0.78	cps
Silver	109-1	558	450	658	556	18.76	cps
Silver	107-1	542	683	733	653	15.23	cps
Sodium	23-2	98199398	97285621	96644452	97376490	0.80	cps
Strontium	86-1	926635	947557	957333	943842	1.66	cps
Strontium	88-1	8155270	8296718	8271333	8241107	0.92	cps
Sulfur	34-1	1305394	1305142	1321617	1310718	0.72	cps
Terbium	159-1	22461021	22495089	22472520	22476210	0.08	cps
Terbium	159-2	9843749	9717172	9691794	9750905	0.83	cps
Thallium	203-1	2467	2542	2367	2459	3.57	cps
Thallium	205-1	5468	5418	5260	5382	2.02	cps
Thorium	232-1	2862	3045	2956	2954	3.10	cps
Tin	118-1	2159	2234	2025	2139	4.93	cps
Titanium	47-1	1909	2325	2092	2109	9.91	cps
Uranium	238-1	136764	139763	139933	138820	1.28	cps
Vanadium	51-2	3354	3150	3154	3219	3.62	cps
Yttrium	89-1	20621465	20984921	20960477	20855621	0.97	cps
Yttrium	89-2	2590089	2574091	2571971	2578717	0.38	cps

LB Number :	LB106731	Operator :	Jaswal
Lab Sample ID :	K6169-16	Instrumnet Name :	P7
Client Sample ID :	MC0BY7	Dilution Factor :	1
Date & Time Acquired ::	2019-12-12 16:23:58	DataFile Name :	017SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zinc	66-2	9173	9153	9083	9136	0.52	cps
Zirconium	90-1	2659	3050	3642	3117	15.89	cps
Zirconium	91-1	533	692	900	708	25.96	cps

LB Number :	LB106731	Operator :	Jaswal
Lab Sample ID :	K6058-11DLX5	Instrumnet Name :	P7
Client Sample ID :	MBFR02DL	Dilution Factor :	5
Date & Time Acquired ::	2019-12-12 16:27:39	DataFile Name :	018SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	113553	112874	114203	113543	0.59	cps
Antimony	121-1	1859	2134	2200	2064	8.78	cps
Arsenic	75-1	1192	1183	1579	1318	17.16	cps
Barium	135-1	49748	52149	50718	50872	2.37	cps
Barium	137-1	89689	89094	88708	89164	0.55	cps
Beryllium	9-1	450	511	389	450	13.58	cps
Bismuth	209-1	12996264	12951948	13006346	12984853	0.22	cps
Bismuth	209-2	6747687	6705926	6773249	6742287	0.50	cps
Boron	10-1	10838	10446	10404	10562	2.27	cps
Boron	11-1	49675	48788	47542	48668	2.20	cps
Cadmium	111-1	10376	10572	10516	10488	0.96	cps
Cadmium	106-1	9087	8887	9253	9076	2.02	cps
Cadmium	108-1	342	363	404	369	8.61	cps
Calcium	43-1	187095	186049	187188	186777	0.34	cps
Calcium	44-1	3012145	3004083	3010208	3008812	0.14	cps
Chromium	52-1	39082	39617	40248	39649	1.47	cps
Cobalt	59-2	13633	13586	13483	13568	0.57	cps
Copper	63-2	10494	10601	10757	10617	1.25	cps
Dysprosium	156-1	958	1225	1075	1086	12.31	cps
Dysprosium	156-2	497	453	507	486	5.84	cps
Erbium	164-1	783	817	875	825	5.62	cps
Erbium	164-2	297	387	407	363	16.13	cps
Gadolinium	160-1	733	800	750	761	4.56	cps
Gadolinium	160-2	633	590	663	629	5.86	cps
Holmium	165-1	21529673	21815009	21679440	21674708	0.66	cps
Holmium	165-2	9975828	9937072	9941905	9951602	0.21	cps
Indium	115-1	16577677	16622309	16664741	16621576	0.26	cps
Indium	115-2	2782263	2788646	2795219	2788709	0.23	cps
Iron	56-2	441298	450249	453346	448298	1.40	cps
Iron	57-2	12317	11755	12289	12120	2.61	cps
Krypton	83-1	1027	920	1083	1010	8.21	cps
Lead	206-1	4438968	4201934	4470811	4370571	3.36	cps
Lead	207-1	3444295	3507508	3505893	3485899	1.03	cps
Lead	208-1	16749922	16613932	16964580	16776145	1.05	cps
Lithium	6-1	4232790	4227794	4239533	4233372	0.14	cps
Magnesium	24-2	1204386	1202635	1203262	1203428	0.07	cps

LB Number :	LB106731	Operator :	Jaswal
Lab Sample ID :	K6058-11DLX5	Instrumnet Name :	P7
Client Sample ID :	MBFR02DL	Dilution Factor :	5
Date & Time Acquired ::	2019-12-12 16:27:39	DataFile Name :	018SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	375339	378710	378782	377610	0.52	cps
Molybdenum	94-1	1617	2075	2242	1978	16.37	cps
Molybdenum	95-1	950	733	883	856	12.97	cps
Molybdenum	96-1	1083	1058	1283	1142	10.80	cps
Molybdenum	97-1	550	700	508	586	17.20	cps
Molybdenum	98-1	1158	1408	1283	1283	9.74	cps
Neodymium	150-1	907	927	873	902	2.99	cps
Neodymium	150-2	340	327	320	329	3.10	cps
Nickel	60-2	8092	8209	8169	8157	0.73	cps
Phosphorus	31-2	192	150	192	178	13.53	cps
Potassium	39-2	274214	273386	275453	274351	0.38	cps
Rhodium	103-1	15279666	15323858	15262797	15288774	0.21	cps
Rhodium	103-2	6998718	6969373	6970425	6979506	0.24	cps
Scandium	45-1	10900670	10850557	10908808	10886678	0.29	cps
Scandium	45-2	443929	443901	443349	443726	0.07	cps
Selenium	77-2	3	3	0	2	86.60	cps
Selenium	78-2	44	59	70	58	22.41	cps
Selenium	82-1	68	245	104	139	67.15	cps
Silicon	28-1	14753983	14549371	14634004	14645786	0.70	cps
Silver	109-1	467	517	483	489	5.21	cps
Silver	107-1	583	800	742	708	15.83	cps
Sodium	23-2	5181012	5181897	5167822	5176910	0.15	cps
Strontium	86-1	76052	77006	76428	76495	0.63	cps
Strontium	88-1	655629	657764	659882	657758	0.32	cps
Sulfur	34-1	1650588	1644338	1651396	1648774	0.23	cps
Terbium	159-1	22184233	22157273	22216101	22185869	0.13	cps
Terbium	159-2	9761272	9742146	9762817	9755412	0.12	cps
Thallium	203-1	1675	1834	1950	1820	7.59	cps
Thallium	205-1	3534	3876	3892	3767	5.37	cps
Thorium	232-1	2784	2889	2695	2789	3.49	cps
Tin	118-1	2334	2667	2609	2536	7.02	cps
Titanium	47-1	600	517	542	553	7.74	cps
Uranium	238-1	2759	3109	2659	2842	8.32	cps
Vanadium	51-2	527	560	490	526	6.66	cps
Yttrium	89-1	20572489	20646598	20583265	20600784	0.19	cps
Yttrium	89-2	2534265	2564982	2574142	2557796	0.82	cps

LB Number :	LB106731	Operator :	Jaswal
Lab Sample ID :	K6058-11DLX5	Instrumnet Name :	P7
Client Sample ID :	MBFR02DL	Dilution Factor :	5
Date & Time Acquired ::	2019-12-12 16:27:39	DataFile Name :	018SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zinc	66-2	199280	201590	200783	200551	0.58	cps
Zirconium	90-1	3792	3442	3801	3678	5.56	cps
Zirconium	91-1	850	783	933	856	8.78	cps

LB Number :	LB106731	Operator :	Jaswal
Lab Sample ID :	K6169-16DLREX5	Instrumnet Name :	P7
Client Sample ID :	MC0BY7DL	Dilution Factor :	5
Date & Time Acquired ::	2019-12-12 16:31:15	DataFile Name :	019SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	450	442	383	425	8.55	cps
Antimony	121-1	1167	1217	1208	1197	2.24	cps
Arsenic	75-1	1169	1753	782	1235	39.59	cps
Barium	135-1	19882	19873	19606	19787	0.79	cps
Barium	137-1	34477	34669	33650	34265	1.58	cps
Beryllium	9-1	467	306	161	311	49.13	cps
Bismuth	209-1	12687935	13039356	12945503	12890931	1.41	cps
Bismuth	209-2	6705772	6705672	6772861	6728101	0.58	cps
Boron	10-1	5393	5368	5259	5340	1.33	cps
Boron	11-1	25606	24696	25063	25122	1.82	cps
Cadmium	111-1	6794	5865	6455	6371	7.38	cps
Cadmium	106-1	9187	8094	8970	8750	6.61	cps
Cadmium	108-1	46	38	17	33	45.06	cps
Calcium	43-1	234269	231747	233041	233019	0.54	cps
Calcium	44-1	3728948	3698252	3671750	3699650	0.77	cps
Chromium	52-1	35543	34885	34073	34833	2.11	cps
Cobalt	59-2	323	407	330	353	13.11	cps
Copper	63-2	2937	2974	2784	2898	3.48	cps
Dysprosium	156-1	75	75	58	69	13.85	cps
Dysprosium	156-2	57	33	43	44	26.35	cps
Erbium	164-1	158	133	133	142	10.19	cps
Erbium	164-2	77	107	80	88	18.73	cps
Gadolinium	160-1	208	183	142	178	18.94	cps
Gadolinium	160-2	293	360	347	333	10.58	cps
Holmium	165-1	20998709	21512766	21295508	21268994	1.21	cps
Holmium	165-2	9852334	9884549	9938521	9891802	0.44	cps
Indium	115-1	16048493	16741761	16492918	16427724	2.14	cps
Indium	115-2	2754246	2772615	2785869	2770910	0.57	cps
Iron	56-2	56694	55857	57459	56670	1.41	cps
Iron	57-2	3034	2828	3078	2980	4.48	cps
Krypton	83-1	1103	1043	920	1022	9.14	cps
Lead	206-1	4651	3584	3073	3769	21.36	cps
Lead	207-1	4112	3162	2573	3282	23.67	cps
Lead	208-1	17983	13781	11730	14498	21.99	cps
Lithium	6-1	4070290	4201200	4127942	4133144	1.59	cps
Magnesium	24-2	326333	328262	329025	327873	0.42	cps

LB Number :	LB106731	Operator :	Jaswal
Lab Sample ID :	K6169-16DLREX5	Instrumnet Name :	P7
Client Sample ID :	MC0BY7DL	Dilution Factor :	5
Date & Time Acquired ::	2019-12-12 16:31:15	DataFile Name :	019SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	12339	12659	12886	12628	2.18	cps
Molybdenum	94-1	1317	1042	1083	1147	12.92	cps
Molybdenum	95-1	1233	1025	1092	1117	9.53	cps
Molybdenum	96-1	1192	1200	1117	1170	3.93	cps
Molybdenum	97-1	783	667	667	706	9.55	cps
Molybdenum	98-1	2067	1717	1400	1728	19.30	cps
Neodymium	150-1	13	27	33	24	41.66	cps
Neodymium	150-2	23	27	20	23	14.29	cps
Nickel	60-2	550	550	557	552	0.70	cps
Phosphorus	31-2	258	283	242	261	8.03	cps
Potassium	39-2	196131	197481	198898	197503	0.70	cps
Rhodium	103-1	14812610	15290253	15368648	15157170	1.99	cps
Rhodium	103-2	6889707	6932223	6979386	6933772	0.65	cps
Scandium	45-1	10305553	10639906	10663742	10536400	1.90	cps
Scandium	45-2	436997	439957	440859	439271	0.46	cps
Selenium	77-2	0	0	0	0	0.00	cps
Selenium	78-2	59	61	50	57	10.48	cps
Selenium	82-1	-5	58	202	85	124.53	cps
Silicon	28-1	4510664	4519595	4451057	4493772	0.83	cps
Silver	109-1	483	433	658	525	22.50	cps
Silver	107-1	600	500	725	608	18.53	cps
Sodium	23-2	2525082	2517645	2566867	2536531	1.05	cps
Strontium	86-1	151525	148208	148174	149302	1.29	cps
Strontium	88-1	1293418	1271655	1274617	1279896	0.92	cps
Sulfur	34-1	603989	605701	601588	603759	0.34	cps
Terbium	159-1	21239604	22185194	21904149	21776316	2.23	cps
Terbium	159-2	9607818	9662309	9672573	9647567	0.36	cps
Thallium	203-1	2242	1775	1709	1909	15.23	cps
Thallium	205-1	5026	3851	3134	4004	23.86	cps
Thorium	232-1	2756	2684	2523	2654	4.50	cps
Tin	118-1	2600	2634	2367	2534	5.74	cps
Titanium	47-1	292	325	325	314	6.13	cps
Uranium	238-1	8603	6277	4718	6533	29.93	cps
Vanadium	51-2	133	167	107	136	22.18	cps
Yttrium	89-1	19934044	20501031	20517247	20317441	1.63	cps
Yttrium	89-2	2527174	2539463	2544698	2537111	0.35	cps

LB Number :	LB106731	Operator :	Jaswal
Lab Sample ID :	K6169-16DLREX5	Instrumnet Name :	P7
Client Sample ID :	MC0BY7DL	Dilution Factor :	5
Date & Time Acquired ::	2019-12-12 16:31:15	DataFile Name :	019SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zinc	66-2	3054	3067	3014	3045	0.91	cps
Zirconium	90-1	1467	1725	1625	1606	8.11	cps
Zirconium	91-1	383	367	375	375	2.22	cps

LB Number :	LB106731	Operator :	Jaswal
Lab Sample ID :	K6169-16DLX5	Instrumnet Name :	P7
Client Sample ID :	MC0BY7DL	Dilution Factor :	5
Date & Time Acquired ::	2019-12-12 16:41:02	DataFile Name :	020SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	317	408	483	403	20.72	cps
Antimony	121-1	817	1183	1158	1053	19.46	cps
Arsenic	75-1	500	780	1008	763	33.32	cps
Barium	135-1	18313	19156	18914	18794	2.31	cps
Barium	137-1	32121	32714	31762	32199	1.49	cps
Beryllium	9-1	94	111	78	94	17.64	cps
Bismuth	209-1	12885807	12865020	12883174	12878001	0.09	cps
Bismuth	209-2	6610954	6767659	6676401	6685005	1.18	cps
Boron	10-1	3876	4109	4201	4062	4.13	cps
Boron	11-1	19104	19672	18654	19143	2.67	cps
Cadmium	111-1	5543	5798	5640	5660	2.27	cps
Cadmium	106-1	7861	8194	7994	8016	2.09	cps
Cadmium	108-1	25	25	21	24	10.20	cps
Calcium	43-1	216088	219419	223124	219544	1.60	cps
Calcium	44-1	3509016	3511616	3535514	3518715	0.42	cps
Chromium	52-1	32229	31981	31594	31935	1.00	cps
Cobalt	59-2	333	363	297	331	10.08	cps
Copper	63-2	2544	2440	2710	2565	5.31	cps
Dysprosium	156-1	58	67	92	72	24.02	cps
Dysprosium	156-2	30	30	17	26	30.11	cps
Erbium	164-1	158	125	108	131	19.50	cps
Erbium	164-2	97	83	80	87	10.18	cps
Gadolinium	160-1	242	158	200	200	20.83	cps
Gadolinium	160-2	350	313	320	328	5.96	cps
Holmium	165-1	21396605	21590112	21561320	21516012	0.49	cps
Holmium	165-2	9782622	9818906	9796202	9799243	0.19	cps
Indium	115-1	16380217	16385657	16466085	16410653	0.29	cps
Indium	115-2	2685546	2718877	2725497	2709973	0.79	cps
Iron	56-2	54211	53654	53855	53907	0.52	cps
Iron	57-2	2667	2628	2895	2730	5.28	cps
Krypton	83-1	997	950	1000	982	2.85	cps
Lead	206-1	3156	2923	2678	2919	8.19	cps
Lead	207-1	2950	2550	2428	2643	10.34	cps
Lead	208-1	11986	10985	10152	11041	8.32	cps
Lithium	6-1	4063546	4081824	4110031	4085134	0.57	cps
Magnesium	24-2	315507	319671	319363	318180	0.73	cps

LB Number :	LB106731	Operator :	Jaswal
Lab Sample ID :	K6169-16DLX5	Instrumnet Name :	P7
Client Sample ID :	MC0BY7DL	Dilution Factor :	5
Date & Time Acquired ::	2019-12-12 16:41:02	DataFile Name :	020SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	11805	12362	12225	12131	2.39	cps
Molybdenum	94-1	900	933	842	892	5.20	cps
Molybdenum	95-1	492	458	717	556	25.29	cps
Molybdenum	96-1	658	775	792	742	9.80	cps
Molybdenum	97-1	300	308	375	328	12.54	cps
Molybdenum	98-1	733	850	817	800	7.51	cps
Neodymium	150-1	40	20	40	33	34.64	cps
Neodymium	150-2	13	23	7	14	58.06	cps
Nickel	60-2	507	490	567	521	7.74	cps
Phosphorus	31-2	242	250	208	233	9.45	cps
Potassium	39-2	190051	190701	192003	190918	0.52	cps
Rhodium	103-1	14990314	15198404	15250413	15146377	0.91	cps
Rhodium	103-2	6828514	6847496	6872217	6849409	0.32	cps
Scandium	45-1	10469710	10441706	10502737	10471384	0.29	cps
Scandium	45-2	425207	428887	432016	428703	0.80	cps
Selenium	77-2	0	0	0	0	0.00	cps
Selenium	78-2	44	65	54	54	18.79	cps
Selenium	82-1	34	83	9	42	90.29	cps
Silicon	28-1	4352152	4361404	4364548	4359368	0.15	cps
Silver	109-1	242	367	267	292	22.68	cps
Silver	107-1	400	492	333	408	19.47	cps
Sodium	23-2	2470901	2486363	2484983	2480749	0.34	cps
Strontium	86-1	141996	142257	141684	141979	0.20	cps
Strontium	88-1	1204814	1207812	1215354	1209327	0.45	cps
Sulfur	34-1	611559	611380	616163	613034	0.44	cps
Terbium	159-1	21799276	21778046	22028876	21868733	0.64	cps
Terbium	159-2	9558533	9532588	9612610	9567910	0.43	cps
Thallium	203-1	1108	1067	1167	1114	4.51	cps
Thallium	205-1	1717	1809	1750	1759	2.64	cps
Thorium	232-1	2545	2539	2611	2565	1.57	cps
Tin	118-1	1842	1984	1942	1922	3.79	cps
Titanium	47-1	392	333	308	344	12.42	cps
Uranium	238-1	2875	2984	2992	2950	2.21	cps
Vanadium	51-2	93	103	127	108	15.87	cps
Yttrium	89-1	20150706	20034495	20205968	20130390	0.43	cps
Yttrium	89-2	2456169	2460673	2492049	2469630	0.79	cps

LB Number :	LB106731	Operator :	Jaswal
Lab Sample ID :	K6169-16DLX5	Instrumnet Name :	P7
Client Sample ID :	MC0BY7DL	Dilution Factor :	5
Date & Time Acquired ::	2019-12-12 16:41:02	DataFile Name :	020SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zinc	66-2	2820	2760	2930	2837	3.04	cps
Zirconium	90-1	1433	1517	1650	1533	7.13	cps
Zirconium	91-1	342	383	358	361	5.81	cps

LB Number :	LB106731	Operator :	Jaswal
Lab Sample ID :	CCV88	Instrumnet Name :	P7
Client Sample ID :	CCV88	Dilution Factor :	1
Date & Time Acquired ::	2019-12-12 16:44:39	DataFile Name :	021CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	6606182	6562633	6648056	6605624	0.65	cps
Antimony	121-1	6464708	6470418	6478128	6471085	0.10	cps
Arsenic	75-1	1350387	1347681	1366269	1354779	0.74	cps
Barium	135-1	8481285	8596859	8448022	8508722	0.92	cps
Barium	137-1	14717179	14943908	14750890	14803992	0.83	cps
Beryllium	9-1	1273473	1277369	1274749	1275197	0.16	cps
Bismuth	209-1	11034203	11053930	11069524	11052552	0.16	cps
Bismuth	209-2	5609725	5642015	5581378	5611039	0.54	cps
Boron	10-1	231261	237697	237799	235586	1.59	cps
Boron	11-1	1082381	1110370	1106090	1099614	1.37	cps
Cadmium	111-1	1827780	1844055	1871422	1847752	1.19	cps
Cadmium	106-1	218906	222072	221382	220787	0.75	cps
Cadmium	108-1	144840	146848	146582	146090	0.75	cps
Calcium	43-1	9908196	10019370	9927022	9951529	0.60	cps
Calcium	44-1	158481741	158608687	158559787	158550072	0.04	cps
Chromium	52-1	11752894	11738469	11680592	11723985	0.33	cps
Cobalt	59-2	3058356	3092133	3116065	3088852	0.94	cps
Copper	63-2	4471310	4470349	4471416	4471025	0.01	cps
Dysprosium	156-1	267	275	267	269	1.78	cps
Dysprosium	156-2	173	177	230	193	16.45	cps
Erbium	164-1	150	208	100	153	35.49	cps
Erbium	164-2	90	117	93	100	14.53	cps
Gadolinium	160-1	192	175	175	181	5.33	cps
Gadolinium	160-2	347	373	270	330	16.26	cps
Holmium	165-1	20225541	20257296	20117544	20200127	0.36	cps
Holmium	165-2	9229348	9215063	9207703	9217371	0.12	cps
Indium	115-1	14399095	14263409	14460150	14374218	0.70	cps
Indium	115-2	2403591	2435612	2449566	2429590	0.97	cps
Iron	56-2	377601775	380692342	377207364	378500494	0.50	cps
Iron	57-2	9248805	9287087	9308545	9281479	0.33	cps
Krypton	83-1	960	827	927	904	7.67	cps
Lead	206-1	5446526	5430673	5440605	5439268	0.15	cps
Lead	207-1	4698931	4698601	4715984	4704505	0.21	cps
Lead	208-1	21361667	21404869	21417380	21394639	0.14	cps
Lithium	6-1	3757193	3749035	3744402	3750210	0.17	cps
Magnesium	24-2	74065779	73645425	74341356	74017520	0.47	cps

LB Number :	LB106731	Operator :	Jaswal
Lab Sample ID :	CCV88	Instrumnet Name :	P7
Client Sample ID :	CCV88	Dilution Factor :	1
Date & Time Acquired ::	2019-12-12 16:44:39	DataFile Name :	021CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	2244939	2276048	2281229	2267405	0.87	cps
Molybdenum	94-1	14596060	14631895	14606504	14611486	0.13	cps
Molybdenum	95-1	17901659	18038741	17933122	17957840	0.40	cps
Molybdenum	96-1	19842445	19951318	19853982	19882582	0.30	cps
Molybdenum	97-1	11229891	11301895	11178337	11236708	0.55	cps
Molybdenum	98-1	28612910	28673281	28622364	28636185	0.11	cps
Neodymium	150-1	733	853	780	789	7.67	cps
Neodymium	150-2	80	60	110	83	30.20	cps
Nickel	60-2	791252	802898	808949	801033	1.12	cps
Phosphorus	31-2	22000	23027	22150	22393	2.48	cps
Potassium	39-2	31820396	31659598	31857443	31779146	0.33	cps
Rhodium	103-1	12630051	12562079	12457433	12549855	0.69	cps
Rhodium	103-2	5693900	5724008	5719167	5712358	0.28	cps
Scandium	45-1	9600496	9558128	9615303	9591309	0.31	cps
Scandium	45-2	398614	399215	403595	400475	0.68	cps
Selenium	77-2	5344	5554	5254	5384	2.86	cps
Selenium	78-2	17887	17843	17894	17875	0.16	cps
Selenium	82-1	136396	136500	136921	136606	0.20	cps
Silicon	28-1	6532313	6689793	6734067	6652058	1.59	cps
Silver	109-1	8268611	8264903	8211751	8248422	0.39	cps
Silver	107-1	8540390	8480231	8491651	8504091	0.38	cps
Sodium	23-2	149709903	147695137	147880878	148428639	0.75	cps
Strontium	86-1	2168667	2151026	2163868	2161187	0.42	cps
Strontium	88-1	19179971	18953322	19040526	19057940	0.60	cps
Sulfur	34-1	644827	647794	649845	647489	0.39	cps
Terbium	159-1	20584895	20589126	20338792	20504271	0.70	cps
Terbium	159-2	8906854	8876573	8957360	8913596	0.46	cps
Thallium	203-1	6676491	6694615	6652414	6674507	0.32	cps
Thallium	205-1	15821572	15773031	15698842	15764481	0.39	cps
Thorium	232-1	5606525	5628510	5586146	5607060	0.38	cps
Tin	118-1	5896685	5805218	5863118	5855007	0.79	cps
Titanium	47-1	4908667	4907686	4937578	4917977	0.35	cps
Uranium	238-1	21944553	21960321	21700686	21868520	0.67	cps
Vanadium	51-2	1610704	1633330	1642082	1628705	0.99	cps
Yttrium	89-1	18683853	18451038	18528627	18554506	0.64	cps
Yttrium	89-2	2306240	2335506	2319568	2320438	0.63	cps

LB Number :	LB106731	Operator :	Jaswal
Lab Sample ID :	CCV88	Instrumnet Name :	P7
Client Sample ID :	CCV88	Dilution Factor :	1
Date & Time Acquired ::	2019-12-12 16:44:39	DataFile Name :	021CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zinc	66-2	639969	642682	650038	644230	0.81	cps
Zirconium	90-1	12198923	12088935	12139920	12142593	0.45	cps
Zirconium	91-1	2619633	2623245	2638003	2626960	0.37	cps

LB Number : LB106731 Operator : Jaswal
 Lab Sample ID : CCB88 Instrumnet Name : P7
 Client Sample ID : CCB88 Dilution Factor : 1
 Date & Time Acquired :: 2019-12-12 16:48:22 DataFile Name : 022CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	225	133	192	183	25.31	cps
Antimony	121-1	6302	7302	8119	7241	12.57	cps
Arsenic	75-1	-1656	-1630	-1790	-1692	-5.06	cps
Barium	135-1	658	400	292	450	41.86	cps
Barium	137-1	1208	967	625	933	31.40	cps
Beryllium	9-1	239	222	222	228	4.23	cps
Bismuth	209-1	12870428	12989916	12877090	12912478	0.52	cps
Bismuth	209-2	6630502	6576008	6584939	6597149	0.44	cps
Boron	10-1	5535	5393	4559	5162	10.21	cps
Boron	11-1	26674	24579	22359	24538	8.79	cps
Cadmium	111-1	5896	6327	5950	6058	3.87	cps
Cadmium	106-1	8128	8820	8319	8422	4.24	cps
Cadmium	108-1	38	38	33	36	6.67	cps
Calcium	43-1	1133	683	750	856	28.39	cps
Calcium	44-1	22944	18346	15718	19002	19.25	cps
Chromium	52-1	30218	30415	30652	30428	0.71	cps
Cobalt	59-2	130	133	140	134	3.79	cps
Copper	63-2	1010	1090	1067	1056	3.90	cps
Dysprosium	156-1	42	42	50	44	10.82	cps
Dysprosium	156-2	50	23	27	33	43.59	cps
Erbium	164-1	117	100	133	117	14.28	cps
Erbium	164-2	47	80	80	69	27.93	cps
Gadolinium	160-1	158	125	108	131	19.50	cps
Gadolinium	160-2	280	297	313	297	5.62	cps
Holmium	165-1	21312971	21211112	21423537	21315874	0.50	cps
Holmium	165-2	9620047	9612640	9550883	9594523	0.40	cps
Indium	115-1	16218935	16275955	16267510	16254133	0.19	cps
Indium	115-2	2656803	2627861	2654816	2646493	0.61	cps
Iron	56-2	15142	15286	14941	15123	1.14	cps
Iron	57-2	422	467	506	465	8.97	cps
Krypton	83-1	900	943	903	916	2.63	cps
Lead	206-1	2578	2361	2339	2426	5.44	cps
Lead	207-1	2295	2039	1906	2080	9.50	cps
Lead	208-1	9457	8935	8285	8892	6.61	cps
Lithium	6-1	4110482	4110052	4128746	4116427	0.26	cps
Magnesium	24-2	2117	1950	2059	2042	4.14	cps

LB Number :	LB106731	Operator :	Jaswal
Lab Sample ID :	CCB88	Instrumnet Name :	P7
Client Sample ID :	CCB88	Dilution Factor :	1
Date & Time Acquired ::	2019-12-12 16:48:22	DataFile Name :	022CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	90	137	127	118	20.86	cps
Molybdenum	94-1	3401	2942	2867	3070	9.41	cps
Molybdenum	95-1	3809	3792	3326	3642	7.54	cps
Molybdenum	96-1	4709	4009	3226	3981	18.64	cps
Molybdenum	97-1	2700	2325	2484	2503	7.52	cps
Molybdenum	98-1	6702	5685	5718	6035	9.58	cps
Neodymium	150-1	0	7	13	7	99.98	cps
Neodymium	150-2	10	7	3	7	50.03	cps
Nickel	60-2	77	60	83	73	16.39	cps
Phosphorus	31-2	108	92	108	103	9.36	cps
Potassium	39-2	23119	22543	22902	22854	1.27	cps
Rhodium	103-1	14990715	14935725	14833334	14919925	0.54	cps
Rhodium	103-2	6774660	6620688	6653464	6682937	1.21	cps
Scandium	45-1	10372159	10442973	10393327	10402820	0.35	cps
Scandium	45-2	426146	418639	421644	422143	0.90	cps
Selenium	77-2	0	0	0	0	0.00	cps
Selenium	78-2	57	65	48	57	14.71	cps
Selenium	82-1	75	43	89	69	34.21	cps
Silicon	28-1	173606	170865	165969	170147	2.27	cps
Silver	109-1	942	708	550	733	26.87	cps
Silver	107-1	1058	825	750	878	18.32	cps
Sodium	23-2	28853	27534	27426	27938	2.84	cps
Strontium	86-1	1608	1900	1850	1786	8.73	cps
Strontium	88-1	1608	1183	817	1203	32.94	cps
Sulfur	34-1	437122	434624	440665	437470	0.69	cps
Terbium	159-1	21759588	21688139	21585687	21677805	0.40	cps
Terbium	159-2	9444512	9305527	9387612	9379217	0.74	cps
Thallium	203-1	2492	1992	1767	2084	17.81	cps
Thallium	205-1	4876	4509	4001	4462	9.85	cps
Thorium	232-1	4095	3856	3934	3962	3.08	cps
Tin	118-1	3842	4426	4426	4231	7.96	cps
Titanium	47-1	533	475	458	489	8.05	cps
Uranium	238-1	4126	4168	3367	3887	11.59	cps
Vanadium	51-2	47	33	50	43	20.36	cps
Yttrium	89-1	19772008	20056208	19934056	19920758	0.72	cps
Yttrium	89-2	2447258	2412998	2429199	2429818	0.71	cps

LB Number :	LB106731	Operator :	Jaswal
Lab Sample ID :	CCB88	Instrumnet Name :	P7
Client Sample ID :	CCB88	Dilution Factor :	1
Date & Time Acquired ::	2019-12-12 16:48:22	DataFile Name :	022CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zinc	66-2	747	740	853	780	8.15	cps
Zirconium	90-1	2642	2925	2975	2848	6.31	cps
Zirconium	91-1	525	608	642	592	10.16	cps

LB Number :	LB106731	Operator :	Jaswal
Lab Sample ID :	CRI	Instrumnet Name :	P7
Client Sample ID :	CRI	Dilution Factor :	1
Date & Time Acquired ::	2019-12-12 17:23:11	DataFile Name :	023SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	2859	3059	3050	2989	3.79	cps
Antimony	121-1	25315	25900	26601	25939	2.48	cps
Arsenic	75-1	351	868	1436	885	61.33	cps
Barium	135-1	33867	32698	32790	33118	1.96	cps
Barium	137-1	55712	58281	57478	57157	2.30	cps
Beryllium	9-1	2767	2439	2750	2652	6.96	cps
Bismuth	209-1	12761939	12870839	12783079	12805286	0.45	cps
Bismuth	209-2	6675622	6716183	6666997	6686267	0.39	cps
Boron	10-1	11830	12714	12205	12250	3.62	cps
Boron	11-1	57192	58430	59760	58461	2.20	cps
Cadmium	111-1	9026	9089	9541	9219	3.05	cps
Cadmium	106-1	8153	8186	8845	8395	4.65	cps
Cadmium	108-1	313	304	346	321	6.87	cps
Calcium	43-1	21992	21550	22184	21908	1.48	cps
Calcium	44-1	355298	354506	355362	355055	0.13	cps
Chromium	52-1	76226	75610	76055	75963	0.42	cps
Cobalt	59-2	6435	6702	6945	6694	3.81	cps
Copper	63-2	9863	10017	9867	9916	0.88	cps
Dysprosium	156-1	42	58	33	44	28.65	cps
Dysprosium	156-2	13	33	17	21	50.75	cps
Erbium	164-1	117	92	117	108	13.32	cps
Erbium	164-2	67	80	87	78	13.09	cps
Gadolinium	160-1	133	100	158	131	22.42	cps
Gadolinium	160-2	340	307	283	310	9.19	cps
Holmium	165-1	21262909	21187075	21132087	21194024	0.31	cps
Holmium	165-2	9743456	9734827	9819946	9766076	0.48	cps
Indium	115-1	16188283	16365944	16295905	16283377	0.55	cps
Indium	115-2	2621836	2637252	2675291	2644793	1.04	cps
Iron	56-2	181277	181563	182088	181643	0.23	cps
Iron	57-2	4784	5051	4762	4866	3.30	cps
Krypton	83-1	823	850	890	854	3.93	cps
Lead	206-1	11811	11244	11327	11461	2.67	cps
Lead	207-1	10577	10794	10176	10516	2.98	cps
Lead	208-1	46627	46366	46289	46427	0.38	cps
Lithium	6-1	4169259	4171269	4206508	4182345	0.50	cps
Magnesium	24-2	177464	178358	179892	178572	0.69	cps

LB Number :	LB106731	Operator :	Jaswal
Lab Sample ID :	CRI	Instrumnet Name :	P7
Client Sample ID :	CRI	Dilution Factor :	1
Date & Time Acquired ::	2019-12-12 17:23:11	DataFile Name :	023SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	2347	2367	2597	2437	5.70	cps
Molybdenum	94-1	28621	27485	27335	27814	2.53	cps
Molybdenum	95-1	34476	34735	34167	34459	0.83	cps
Molybdenum	96-1	39080	39297	39656	39344	0.74	cps
Molybdenum	97-1	21926	21976	22410	22104	1.20	cps
Molybdenum	98-1	55300	56529	55534	55788	1.17	cps
Neodymium	150-1	7	33	0	13	132.27	cps
Neodymium	150-2	10	10	13	11	17.30	cps
Nickel	60-2	1850	1823	1777	1817	2.04	cps
Phosphorus	31-2	375	567	458	467	20.59	cps
Potassium	39-2	162531	161681	162616	162276	0.32	cps
Rhodium	103-1	14892648	14965301	14877201	14911717	0.32	cps
Rhodium	103-2	6860576	6808293	6902933	6857267	0.69	cps
Scandium	45-1	10434066	10407518	10388514	10410033	0.22	cps
Scandium	45-2	426613	428909	430753	428758	0.48	cps
Selenium	77-2	63	47	53	54	15.40	cps
Selenium	78-2	259	270	248	259	4.29	cps
Selenium	82-1	1640	1711	1614	1655	3.03	cps
Silicon	28-1	232257	230879	231922	231686	0.31	cps
Silver	109-1	16836	17053	16702	16864	1.05	cps
Silver	107-1	18221	17920	18246	18129	1.00	cps
Sodium	23-2	348574	345830	354874	349759	1.33	cps
Strontium	86-1	5743	5876	6443	6021	6.18	cps
Strontium	88-1	37666	38544	37951	38054	1.18	cps
Sulfur	34-1	490620	483892	486855	487122	0.69	cps
Terbium	159-1	21748584	21945606	21541503	21745231	0.93	cps
Terbium	159-2	9545854	9520123	9486171	9517382	0.31	cps
Thallium	203-1	13215	13399	12974	13196	1.62	cps
Thallium	205-1	31605	31739	31288	31544	0.73	cps
Thorium	232-1	41249	40731	41472	41151	0.92	cps
Tin	118-1	59769	58372	60883	59674	2.11	cps
Titanium	47-1	10254	9453	10362	10023	4.95	cps
Uranium	238-1	41434	42037	42505	41992	1.28	cps
Vanadium	51-2	16730	17240	17587	17186	2.51	cps
Yttrium	89-1	20013837	19907256	19907564	19942886	0.31	cps
Yttrium	89-2	2422155	2449961	2472711	2448276	1.03	cps

LB Number :	LB106731	Operator :	Jaswal
Lab Sample ID :	CRI	Instrumnet Name :	P7
Client Sample ID :	CRI	Dilution Factor :	1
Date & Time Acquired ::	2019-12-12 17:23:11	DataFile Name :	023SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zinc	66-2	2157	2340	2350	2282	4.77	cps
Zirconium	90-1	23387	22410	22660	22819	2.22	cps
Zirconium	91-1	5276	4993	5185	5151	2.81	cps

LB Number : LB106731 Operator : Jaswal
 Lab Sample ID : PB125430BL Instrumnet Name : P7
 Client Sample ID : PB125430BL Dilution Factor : 1
 Date & Time Acquired :: 2019-12-12 17:28:36 DataFile Name : 024CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	33	17	17	22	43.28	cps
Antimony	121-1	433	375	408	406	7.22	cps
Arsenic	75-1	-1976	-1946	-1773	-1898	-5.78	cps
Barium	135-1	33	8	33	25	57.74	cps
Barium	137-1	58	67	8	44	70.99	cps
Beryllium	9-1	72	50	61	61	18.18	cps
Bismuth	209-1	12703596	12804908	12919065	12809190	0.84	cps
Bismuth	209-2	6658171	6623503	6568451	6616708	0.68	cps
Boron	10-1	1033	917	950	967	6.22	cps
Boron	11-1	4609	4292	4809	4570	5.70	cps
Cadmium	111-1	5383	5626	5684	5564	2.86	cps
Cadmium	106-1	7694	8036	8111	7947	2.80	cps
Cadmium	108-1	33	29	33	32	7.52	cps
Calcium	43-1	342	250	250	281	18.86	cps
Calcium	44-1	9896	8670	9229	9265	6.62	cps
Chromium	52-1	29844	29356	29877	29692	0.98	cps
Cobalt	59-2	47	67	70	61	20.65	cps
Copper	63-2	647	623	663	644	3.12	cps
Dysprosium	156-1	17	8	8	11	43.34	cps
Dysprosium	156-2	23	13	20	19	26.96	cps
Erbium	164-1	125	133	50	103	44.66	cps
Erbium	164-2	83	83	110	92	16.69	cps
Gadolinium	160-1	192	117	167	158	24.12	cps
Gadolinium	160-2	307	303	300	303	1.10	cps
Holmium	165-1	21016737	21055586	21247552	21106625	0.59	cps
Holmium	165-2	9784501	9663618	9616969	9688363	0.89	cps
Indium	115-1	16182591	16018851	16285586	16162343	0.83	cps
Indium	115-2	2661617	2657400	2648935	2655984	0.24	cps
Iron	56-2	3539	3839	3701	3693	4.07	cps
Iron	57-2	156	217	211	194	17.38	cps
Krypton	83-1	897	993	977	956	5.41	cps
Lead	206-1	1450	1428	1333	1404	4.41	cps
Lead	207-1	1200	1300	1356	1285	6.13	cps
Lead	208-1	4867	5212	4956	5012	3.57	cps
Lithium	6-1	4170095	4184335	4220737	4191722	0.62	cps
Magnesium	24-2	250	258	200	236	13.36	cps

LB Number : LB106731 Operator : Jaswal
 Lab Sample ID : PB125430BL Instrumnet Name : P7
 Client Sample ID : PB125430BL Dilution Factor : 1
 Date & Time Acquired :: 2019-12-12 17:28:36 DataFile Name : 024CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	37	40	33	37	9.10	cps
Molybdenum	94-1	492	783	558	611	25.01	cps
Molybdenum	95-1	133	83	133	117	24.74	cps
Molybdenum	96-1	167	242	175	194	21.14	cps
Molybdenum	97-1	142	83	108	111	26.34	cps
Molybdenum	98-1	142	208	242	197	25.82	cps
Neodymium	150-1	7	7	20	11	69.25	cps
Neodymium	150-2	7	17	13	12	41.65	cps
Nickel	60-2	50	53	30	44	28.39	cps
Phosphorus	31-2	125	117	58	100	36.32	cps
Potassium	39-2	18896	19321	19397	19205	1.41	cps
Rhodium	103-1	14822247	14874156	14895534	14863979	0.25	cps
Rhodium	103-2	6852718	6789969	6746956	6796548	0.78	cps
Scandium	45-1	10338979	10373273	10422854	10378369	0.41	cps
Scandium	45-2	426733	426337	426810	426627	0.06	cps
Selenium	77-2	0	0	0	0	0.00	cps
Selenium	78-2	46	59	50	52	12.87	cps
Selenium	82-1	107	-25	18	33	202.52	cps
Silicon	28-1	142573	145148	147580	145100	1.73	cps
Silver	109-1	100	33	108	81	51.03	cps
Silver	107-1	133	150	125	136	9.35	cps
Sodium	23-2	12614	12072	12472	12386	2.27	cps
Strontium	86-1	1558	1675	1659	1631	3.87	cps
Strontium	88-1	100	108	50	86	36.64	cps
Sulfur	34-1	474603	473343	483095	477013	1.11	cps
Terbium	159-1	21543902	21482200	21754030	21593377	0.66	cps
Terbium	159-2	9563305	9390284	9416571	9456720	0.99	cps
Thallium	203-1	758	775	900	811	9.55	cps
Thallium	205-1	1250	1100	1242	1197	7.04	cps
Thorium	232-1	2661	2856	2906	2808	4.60	cps
Tin	118-1	1684	1642	1667	1664	1.26	cps
Titanium	47-1	142	125	92	119	21.31	cps
Uranium	238-1	2242	2550	2459	2417	6.55	cps
Vanadium	51-2	7	0	3	3	100.05	cps
Yttrium	89-1	19782680	19766797	20014572	19854683	0.70	cps
Yttrium	89-2	2423472	2442082	2429190	2431582	0.39	cps

LB Number :	LB106731	Operator :	Jaswal
Lab Sample ID :	PB125430BL	Instrumnet Name :	P7
Client Sample ID :	PB125430BL	Dilution Factor :	1
Date & Time Acquired ::	2019-12-12 17:28:36	DataFile Name :	024CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zinc	66-2	633	777	790	733	11.84	cps
Zirconium	90-1	1417	1458	1608	1495	6.75	cps
Zirconium	91-1	275	242	267	261	6.64	cps

LB Number :	LB106731	Operator :	Jaswal
Lab Sample ID :	PB125430BS	Instrumnet Name :	P7
Client Sample ID :	PB125430BS	Dilution Factor :	1
Date & Time Acquired ::	2019-12-12 17:32:14	DataFile Name :	025LCS6.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	1262710	1275705	1282077	1273497	0.78	cps
Antimony	121-1	6564938	6560585	6522776	6549433	0.35	cps
Arsenic	75-1	1399366	1372202	1374726	1382098	1.09	cps
Barium	135-1	8328672	8254125	8243173	8275323	0.56	cps
Barium	137-1	14540172	14346083	14459032	14448429	0.67	cps
Beryllium	9-1	1268348	1259646	1238259	1255418	1.23	cps
Bismuth	209-1	12476921	12435934	11787127	12233328	3.16	cps
Bismuth	209-2	6091856	6198733	6102977	6131189	0.96	cps
Boron	10-1	219737	218491	218286	218838	0.36	cps
Boron	11-1	1012066	1032596	1020421	1021694	1.01	cps
Cadmium	111-1	1800541	1822937	1821554	1815011	0.69	cps
Cadmium	106-1	220228	218044	218384	218886	0.54	cps
Cadmium	108-1	144208	144688	142668	143855	0.73	cps
Calcium	43-1	2111047	2085892	2103275	2100071	0.61	cps
Calcium	44-1	34307658	33715732	33695565	33906318	1.03	cps
Chromium	52-1	11239860	11157015	11033168	11143348	0.93	cps
Cobalt	59-2	3012406	3040638	3025039	3026028	0.47	cps
Copper	63-2	4047570	4075228	4072833	4065210	0.38	cps
Dysprosium	156-1	208	158	183	183	13.64	cps
Dysprosium	156-2	190	177	193	187	4.72	cps
Erbium	164-1	158	125	167	150	14.70	cps
Erbium	164-2	107	80	110	99	16.63	cps
Gadolinium	160-1	200	133	117	150	29.40	cps
Gadolinium	160-2	300	327	313	313	4.26	cps
Holmium	165-1	21614535	21421495	20445478	21160503	2.96	cps
Holmium	165-2	9367956	9398530	9338755	9368413	0.32	cps
Indium	115-1	15657429	15467337	14746825	15290531	3.14	cps
Indium	115-2	2488965	2528423	2535755	2517714	1.00	cps
Iron	56-2	79914216	80498910	80095655	80169593	0.37	cps
Iron	57-2	1945337	1961469	1962379	1956395	0.49	cps
Krypton	83-1	867	910	993	923	6.97	cps
Lead	206-1	5616332	5583132	5562920	5587461	0.48	cps
Lead	207-1	4849459	4814796	4801213	4821823	0.52	cps
Lead	208-1	22062510	22044907	21754054	21953824	0.79	cps
Lithium	6-1	3969131	3911848	3707239	3862739	3.56	cps
Magnesium	24-2	15822992	15823562	15834584	15827046	0.04	cps

LB Number :	LB106731	Operator :	Jaswal
Lab Sample ID :	PB125430BS	Instrumnet Name :	P7
Client Sample ID :	PB125430BS	Dilution Factor :	1
Date & Time Acquired ::	2019-12-12 17:32:14	DataFile Name :	025LCS6.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	2160565	2194476	2176386	2177142	0.78	cps
Molybdenum	94-1	13903914	13648245	13668863	13740341	1.03	cps
Molybdenum	95-1	16928123	16615605	16663642	16735790	1.01	cps
Molybdenum	96-1	18573022	18494030	18546130	18537727	0.22	cps
Molybdenum	97-1	10498162	10417986	10430841	10448996	0.41	cps
Molybdenum	98-1	26892578	26655560	26679984	26742707	0.49	cps
Neodymium	150-1	747	660	640	682	8.31	cps
Neodymium	150-2	40	63	70	58	27.26	cps
Nickel	60-2	788694	795938	795556	793396	0.51	cps
Phosphorus	31-2	67059	66776	66909	66915	0.21	cps
Potassium	39-2	6602929	6610360	6603601	6605630	0.06	cps
Rhodium	103-1	14006601	13782271	13166571	13651814	3.19	cps
Rhodium	103-2	6095195	6175331	6104620	6125049	0.72	cps
Scandium	45-1	9998943	9768590	9335247	9700927	3.47	cps
Scandium	45-2	398748	404230	405922	402967	0.93	cps
Selenium	77-2	5258	5238	5118	5204	1.46	cps
Selenium	78-2	17724	17896	18401	18007	1.95	cps
Selenium	82-1	138473	139595	138770	138946	0.42	cps
Silicon	28-1	4437929	4437455	4420848	4432077	0.22	cps
Silver	109-1	8035324	8081442	8005981	8040916	0.47	cps
Silver	107-1	8482045	8343562	8338965	8388190	0.97	cps
Sodium	23-2	31514035	31410765	31307965	31410922	0.33	cps
Strontium	86-1	2143925	2118933	2133537	2132132	0.59	cps
Strontium	88-1	18812694	18477013	18644286	18644664	0.90	cps
Sulfur	34-1	1153753	1128540	1122886	1135060	1.45	cps
Terbium	159-1	21799478	21685952	20792019	21425816	2.58	cps
Terbium	159-2	9049219	9139301	9095207	9094576	0.50	cps
Thallium	203-1	6812499	6792625	6779551	6794891	0.24	cps
Thallium	205-1	16123332	15945312	16024864	16031169	0.56	cps
Thorium	232-1	22367284	22300007	22491044	22386111	0.43	cps
Tin	118-1	5668073	5703057	5676660	5682597	0.32	cps
Titanium	47-1	4666457	4614772	4594343	4625191	0.80	cps
Uranium	238-1	21919409	21664792	21663939	21749380	0.68	cps
Vanadium	51-2	1540310	1546635	1551400	1546115	0.36	cps
Yttrium	89-1	19435113	19182301	18244938	18954117	3.31	cps
Yttrium	89-2	2302608	2352428	2345922	2333652	1.16	cps

LB Number :	LB106731	Operator :	Jaswal
Lab Sample ID :	PB125430BS	Instrumnet Name :	P7
Client Sample ID :	PB125430BS	Dilution Factor :	1
Date & Time Acquired ::	2019-12-12 17:32:14	DataFile Name :	025LCS6.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zinc	66-2	629413	634147	638685	634082	0.73	cps
Zirconium	90-1	11673108	11650240	11651323	11658223	0.11	cps
Zirconium	91-1	2537364	2525017	2540793	2534392	0.33	cps

LB Number :	LB106731	Operator :	Jaswal
Lab Sample ID :	K6219-01	Instrumnet Name :	P7
Client Sample ID :	391202021.0	Dilution Factor :	1
Date & Time Acquired ::	2019-12-12 17:35:52	DataFile Name :	026SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	550	492	508	517	5.82	cps
Antimony	121-1	8920	9562	10171	9551	6.55	cps
Arsenic	75-1	12410	13565	16085	14020	13.40	cps
Barium	135-1	2037847	2054193	2088088	2060043	1.24	cps
Barium	137-1	3566077	3544352	3587069	3565833	0.60	cps
Beryllium	9-1	161	206	167	178	13.62	cps
Bismuth	209-1	13670159	13716441	13988508	13791702	1.25	cps
Bismuth	209-2	6895156	6889066	7027766	6937329	1.13	cps
Boron	10-1	34282	35008	33789	34359	1.79	cps
Boron	11-1	158464	161059	159317	159613	0.83	cps
Cadmium	111-1	6444	6541	7053	6679	4.90	cps
Cadmium	106-1	8770	8820	9412	9000	3.97	cps
Cadmium	108-1	58	58	63	60	4.03	cps
Calcium	43-1	2656937	2658794	2711650	2675794	1.16	cps
Calcium	44-1	43778809	43602312	44266453	43882525	0.78	cps
Chromium	52-1	34210	35048	36141	35133	2.76	cps
Cobalt	59-2	337	313	257	302	13.61	cps
Copper	63-2	43816	43996	45103	44305	1.57	cps
Dysprosium	156-1	108	50	75	78	37.63	cps
Dysprosium	156-2	67	70	60	66	7.77	cps
Erbium	164-1	167	158	150	158	5.26	cps
Erbium	164-2	90	93	130	104	21.25	cps
Gadolinium	160-1	183	133	175	164	16.34	cps
Gadolinium	160-2	303	293	290	296	2.35	cps
Holmium	165-1	23025384	23094929	23582147	23234153	1.31	cps
Holmium	165-2	10309314	10359368	10503124	10390602	0.97	cps
Indium	115-1	17291178	17260469	17630896	17394181	1.18	cps
Indium	115-2	2760317	2777692	2832573	2790194	1.35	cps
Iron	56-2	11210	11650	11233	11364	2.18	cps
Iron	57-2	16237	16293	15837	16122	1.54	cps
Krypton	83-1	987	933	917	946	3.87	cps
Lead	206-1	7658	7669	7869	7732	1.54	cps
Lead	207-1	6674	6763	6763	6733	0.76	cps
Lead	208-1	29658	29330	29886	29625	0.94	cps
Lithium	6-1	4308804	4270096	4370969	4316623	1.18	cps
Magnesium	24-2	4728898	4734932	4762068	4741966	0.37	cps

LB Number :	LB106731	Operator :	Jaswal
Lab Sample ID :	K6219-01	Instrumnet Name :	P7
Client Sample ID :	391202021.0	Dilution Factor :	1
Date & Time Acquired ::	2019-12-12 17:35:52	DataFile Name :	026SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	223	277	217	239	13.77	cps
Molybdenum	94-1	2800	2775	3075	2884	5.77	cps
Molybdenum	95-1	3959	3301	4192	3817	12.12	cps
Molybdenum	96-1	4251	4384	4668	4434	4.80	cps
Molybdenum	97-1	2542	2575	2350	2489	4.88	cps
Molybdenum	98-1	6218	6252	6560	6343	2.97	cps
Neodymium	150-1	200	153	207	187	15.57	cps
Neodymium	150-2	17	37	13	22	56.80	cps
Nickel	60-2	213	193	187	198	7.02	cps
Phosphorus	31-2	300	567	267	378	43.53	cps
Potassium	39-2	402712	407046	401387	403715	0.73	cps
Rhodium	103-1	15456966	15604926	15711287	15591060	0.82	cps
Rhodium	103-2	6978415	7024113	7108157	7036895	0.94	cps
Scandium	45-1	10925607	10927282	11229920	11027603	1.59	cps
Scandium	45-2	451465	449279	454704	451816	0.60	cps
Selenium	77-2	7	13	3	8	65.47	cps
Selenium	78-2	50	56	67	57	14.78	cps
Selenium	82-1	96	148	160	135	25.23	cps
Silicon	28-1	89932885	89144789	90528746	89868807	0.77	cps
Silver	109-1	1850	2359	3584	2598	34.31	cps
Silver	107-1	2259	2734	3784	2925	26.68	cps
Sodium	23-2	8836331	8790310	8775256	8800632	0.36	cps
Strontium	86-1	679318	679316	697136	685257	1.50	cps
Strontium	88-1	5906650	5922091	6051543	5960095	1.34	cps
Sulfur	34-1	711410	711931	722582	715308	0.88	cps
Terbium	159-1	23668949	23518474	23983129	23723517	1.00	cps
Terbium	159-2	10016112	10060460	10264564	10113712	1.31	cps
Thallium	203-1	11097	10063	8670	9943	12.25	cps
Thallium	205-1	26720	22787	20041	23183	14.48	cps
Thorium	232-1	4851	4595	4779	4742	2.78	cps
Tin	118-1	5226	5610	5343	5393	3.65	cps
Titanium	47-1	1759	1742	1900	1800	4.83	cps
Uranium	238-1	58727	57312	58635	58225	1.36	cps
Vanadium	51-2	18545	18258	18285	18363	0.86	cps
Yttrium	89-1	21153377	21234988	21582951	21323772	1.07	cps
Yttrium	89-2	2559514	2586330	2609891	2585245	0.97	cps

LB Number :	LB106731	Operator :	Jaswal
Lab Sample ID :	K6219-01	Instrumnet Name :	P7
Client Sample ID :	391202021.0	Dilution Factor :	1
Date & Time Acquired ::	2019-12-12 17:35:52	DataFile Name :	026SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zinc	66-2	5218	5114	5398	5243	2.74	cps
Zirconium	90-1	1900	2184	2275	2120	9.23	cps
Zirconium	91-1	358	467	450	425	13.73	cps

LB Number :	LB106731	Operator :	Jaswal
Lab Sample ID :	K6220-01	Instrumnet Name :	P7
Client Sample ID :	391205119.9	Dilution Factor :	1
Date & Time Acquired ::	2019-12-12 17:39:28	DataFile Name :	027SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	33722	34232	33881	33945	0.77	cps
Antimony	121-1	7110	8044	7394	7516	6.37	cps
Arsenic	75-1	19272	18231	19420	18974	3.42	cps
Barium	135-1	180843	182541	180251	181212	0.66	cps
Barium	137-1	318704	320413	313529	317549	1.13	cps
Beryllium	9-1	233	233	300	256	15.06	cps
Bismuth	209-1	14090390	14164971	13737946	13997769	1.63	cps
Bismuth	209-2	6847725	6618738	6673710	6713391	1.78	cps
Boron	10-1	68833	70105	69586	69508	0.92	cps
Boron	11-1	331551	332867	328672	331030	0.65	cps
Cadmium	111-1	6990	6508	6288	6595	5.45	cps
Cadmium	106-1	9479	8895	8645	9006	4.75	cps
Cadmium	108-1	58	63	108	76	36.32	cps
Calcium	43-1	5044950	5030242	4967752	5014315	0.82	cps
Calcium	44-1	79978389	80255852	79425571	79886604	0.53	cps
Chromium	52-1	85835	86304	86384	86174	0.34	cps
Cobalt	59-2	2214	2144	2080	2146	3.11	cps
Copper	63-2	76046	75792	77310	76383	1.06	cps
Dysprosium	156-1	500	492	467	486	3.57	cps
Dysprosium	156-2	220	177	210	202	11.22	cps
Erbium	164-1	383	400	433	406	6.28	cps
Erbium	164-2	207	193	217	206	5.69	cps
Gadolinium	160-1	392	492	442	442	11.32	cps
Gadolinium	160-2	457	467	550	491	10.43	cps
Holmium	165-1	23908983	24061563	23717054	23895867	0.72	cps
Holmium	165-2	10326753	9988955	10089204	10134971	1.71	cps
Indium	115-1	17954358	18045397	17431864	17810540	1.86	cps
Indium	115-2	2783010	2702182	2727356	2737516	1.51	cps
Iron	56-2	4381747	4181456	4452346	4338516	3.24	cps
Iron	57-2	134875	135755	135694	135441	0.36	cps
Krypton	83-1	1013	937	1030	993	5.01	cps
Lead	206-1	50557	50167	49453	50059	1.12	cps
Lead	207-1	41694	42084	42307	42028	0.74	cps
Lead	208-1	194201	194022	193721	193981	0.13	cps
Lithium	6-1	4375038	4385000	4262272	4340770	1.57	cps
Magnesium	24-2	10055664	10023096	10184389	10087716	0.85	cps

LB Number :	LB106731	Operator :	Jaswal
Lab Sample ID :	K6220-01	Instrumnet Name :	P7
Client Sample ID :	391205119.9	Dilution Factor :	1
Date & Time Acquired ::	2019-12-12 17:39:28	DataFile Name :	027SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	65877	65743	66128	65916	0.30	cps
Molybdenum	94-1	4359	4568	4318	4415	3.03	cps
Molybdenum	95-1	4209	4418	3917	4181	6.01	cps
Molybdenum	96-1	5109	4959	4693	4920	4.29	cps
Molybdenum	97-1	3109	2642	2375	2709	13.71	cps
Molybdenum	98-1	6819	7302	6694	6938	4.63	cps
Neodymium	150-1	813	600	707	707	15.10	cps
Neodymium	150-2	200	220	267	229	14.94	cps
Nickel	60-2	3504	3440	3350	3432	2.25	cps
Phosphorus	31-2	417	375	267	353	21.95	cps
Potassium	39-2	1480563	1461205	1480230	1473999	0.75	cps
Rhodium	103-1	16041619	16049833	15455862	15849105	2.15	cps
Rhodium	103-2	6962989	6700683	6742238	6801970	2.07	cps
Scandium	45-1	11294391	11427392	11064493	11262092	1.63	cps
Scandium	45-2	448325	429915	432834	437024	2.26	cps
Selenium	77-2	17	17	17	17	0.00	cps
Selenium	78-2	98	111	115	108	8.10	cps
Selenium	82-1	342	428	329	366	14.58	cps
Silicon	28-1	115042515	112937803	112793119	113591146	1.11	cps
Silver	109-1	3467	4117	3826	3803	8.56	cps
Silver	107-1	3567	3934	4142	3881	7.50	cps
Sodium	23-2	9242584	9232219	9329134	9267979	0.57	cps
Strontium	86-1	1317005	1323511	1315388	1318635	0.33	cps
Strontium	88-1	11714204	11543184	11521769	11593052	0.91	cps
Sulfur	34-1	1406497	1398113	1395189	1399933	0.42	cps
Terbium	159-1	24465628	24847994	24029891	24447838	1.67	cps
Terbium	159-2	10106973	9725770	9814630	9882457	2.02	cps
Thallium	203-1	3234	3634	3517	3462	5.94	cps
Thallium	205-1	7052	7419	7436	7302	2.97	cps
Thorium	232-1	5196	5368	5223	5262	1.76	cps
Tin	118-1	13148	13540	12881	13190	2.51	cps
Titanium	47-1	37941	38192	38843	38325	1.22	cps
Uranium	238-1	192670	190968	191791	191810	0.44	cps
Vanadium	51-2	24147	23739	24357	24081	1.30	cps
Yttrium	89-1	22051136	22141115	21475496	21889249	1.65	cps
Yttrium	89-2	2584130	2481126	2496466	2520574	2.20	cps

LB Number :	LB106731	Operator :	Jaswal
Lab Sample ID :	K6220-01	Instrumnet Name :	P7
Client Sample ID :	391205119.9	Dilution Factor :	1
Date & Time Acquired ::	2019-12-12 17:39:28	DataFile Name :	027SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zinc	66-2	63253	62774	64030	63352	1.00	cps
Zirconium	90-1	4776	4801	4818	4798	0.44	cps
Zirconium	91-1	1033	1092	1083	1070	2.95	cps

LB Number :	LB106731	Operator :	Jaswal
Lab Sample ID :	K6219-01DUP	Instrumnet Name :	P7
Client Sample ID :	391202021.0DUP	Dilution Factor :	1
Date & Time Acquired ::	2019-12-12 17:43:06	DataFile Name :	028SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	342	475	383	400	17.05	cps
Antimony	121-1	4393	4626	4601	4540	2.82	cps
Arsenic	75-1	22110	23224	23922	23085	3.96	cps
Barium	135-1	2023680	2020243	2012380	2018768	0.29	cps
Barium	137-1	3509597	3497147	3481955	3496233	0.40	cps
Beryllium	9-1	94	117	106	106	10.52	cps
Bismuth	209-1	14006573	13784716	13975475	13922255	0.86	cps
Bismuth	209-2	6892964	6654674	6858135	6801925	1.89	cps
Boron	10-1	30482	29572	30974	30343	2.35	cps
Boron	11-1	142449	141348	143315	142371	0.69	cps
Cadmium	111-1	6000	6133	6022	6052	1.18	cps
Cadmium	106-1	8370	8578	8394	8447	1.35	cps
Cadmium	108-1	42	25	54	40	36.33	cps
Calcium	43-1	2552922	2544567	2538407	2545298	0.29	cps
Calcium	44-1	41456705	41334003	41381267	41390658	0.15	cps
Chromium	52-1	35847	36519	35566	35977	1.36	cps
Cobalt	59-2	210	187	240	212	12.60	cps
Copper	63-2	40877	40576	41074	40843	0.61	cps
Dysprosium	156-1	75	100	83	86	14.78	cps
Dysprosium	156-2	70	80	70	73	7.87	cps
Erbium	164-1	208	175	225	203	12.55	cps
Erbium	164-2	117	100	140	119	16.90	cps
Gadolinium	160-1	150	250	175	192	27.15	cps
Gadolinium	160-2	303	263	333	300	11.71	cps
Holmium	165-1	23304921	22897614	23476559	23226365	1.28	cps
Holmium	165-2	10210810	9817060	10167115	10064995	2.14	cps
Indium	115-1	17322849	17072694	17333483	17243009	0.86	cps
Indium	115-2	2703879	2625350	2717973	2682401	1.86	cps
Iron	56-2	8564	9103	8664	8777	3.27	cps
Iron	57-2	14791	15002	14997	14930	0.81	cps
Krypton	83-1	987	950	923	953	3.34	cps
Lead	206-1	6496	5974	6241	6237	4.19	cps
Lead	207-1	5774	5474	5407	5551	3.52	cps
Lead	208-1	24976	24148	24648	24591	1.70	cps
Lithium	6-1	4134565	4061728	4127377	4107890	0.98	cps
Magnesium	24-2	4441160	4469616	4451307	4454028	0.32	cps

LB Number :	LB106731	Operator :	Jaswal
Lab Sample ID :	K6219-01DUP	Instrumnet Name :	P7
Client Sample ID :	391202021.0DUP	Dilution Factor :	1
Date & Time Acquired ::	2019-12-12 17:43:06	DataFile Name :	028SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	223	177	193	198	11.96	cps
Molybdenum	94-1	1425	1258	1075	1253	13.97	cps
Molybdenum	95-1	1158	1150	1358	1222	9.65	cps
Molybdenum	96-1	1583	1483	1517	1528	3.33	cps
Molybdenum	97-1	892	958	800	883	9.00	cps
Molybdenum	98-1	1809	2059	2242	2036	10.68	cps
Neodymium	150-1	187	167	180	178	5.73	cps
Neodymium	150-2	43	27	23	31	34.44	cps
Nickel	60-2	200	233	220	218	7.71	cps
Phosphorus	31-2	333	333	317	328	2.94	cps
Potassium	39-2	373030	370933	377794	373919	0.94	cps
Rhodium	103-1	15452797	15145453	15446099	15348117	1.14	cps
Rhodium	103-2	6816820	6645319	6838939	6767026	1.57	cps
Scandium	45-1	10642836	10404821	10666335	10571331	1.37	cps
Scandium	45-2	427074	410527	425251	420951	2.16	cps
Selenium	77-2	0	3	0	1	173.21	cps
Selenium	78-2	69	50	59	59	15.63	cps
Selenium	82-1	89	73	145	102	36.63	cps
Silicon	28-1	84396152	84194614	83795469	84128745	0.36	cps
Silver	109-1	1742	1959	1825	1842	5.93	cps
Silver	107-1	1950	2100	2500	2184	13.02	cps
Sodium	23-2	8259029	8250447	8219648	8243041	0.25	cps
Strontium	86-1	661733	668691	668538	666321	0.60	cps
Strontium	88-1	5843596	5749196	5744806	5779200	0.97	cps
Sulfur	34-1	679054	679783	677761	678866	0.15	cps
Terbium	159-1	23832491	23364736	23852190	23683139	1.17	cps
Terbium	159-2	9946745	9604072	9869022	9806613	1.83	cps
Thallium	203-1	1725	1700	1542	1656	6.01	cps
Thallium	205-1	3684	3192	3092	3323	9.53	cps
Thorium	232-1	2450	2761	2528	2580	6.28	cps
Tin	118-1	3167	3401	3167	3245	4.15	cps
Titanium	47-1	1700	1667	1408	1592	10.03	cps
Uranium	238-1	57154	56718	58400	57424	1.52	cps
Vanadium	51-2	17317	17434	17380	17377	0.34	cps
Yttrium	89-1	21029630	20645969	21066048	20913882	1.11	cps
Yttrium	89-2	2466057	2405324	2468450	2446611	1.46	cps

LB Number :	LB106731	Operator :	Jaswal
Lab Sample ID :	K6219-01DUP	Instrumnet Name :	P7
Client Sample ID :	391202021.0DUP	Dilution Factor :	1
Date & Time Acquired ::	2019-12-12 17:43:06	DataFile Name :	028SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zinc	66-2	5278	5251	5098	5209	1.87	cps
Zirconium	90-1	1417	1425	1417	1420	0.34	cps
Zirconium	91-1	333	242	375	317	21.54	cps

LB Number :	LB106731	Operator :	Jaswal
Lab Sample ID :	K6219-01LX5	Instrumnet Name :	P7
Client Sample ID :	391202021.0L	Dilution Factor :	5
Date & Time Acquired ::	2019-12-12 17:46:42	DataFile Name :	029SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	100	92	167	119	34.42	cps
Antimony	121-1	742	817	958	839	13.12	cps
Arsenic	75-1	3376	4402	4325	4034	14.17	cps
Barium	135-1	376722	373672	372378	374257	0.60	cps
Barium	137-1	661277	657843	649472	656197	0.93	cps
Beryllium	9-1	83	61	78	74	15.62	cps
Bismuth	209-1	12937984	12954804	12970109	12954299	0.12	cps
Bismuth	209-2	6580676	6531722	6448689	6520363	1.02	cps
Boron	10-1	7460	7144	7244	7283	2.22	cps
Boron	11-1	34390	34340	34373	34368	0.07	cps
Cadmium	111-1	5739	5404	5725	5622	3.37	cps
Cadmium	106-1	8128	7636	8128	7964	3.57	cps
Cadmium	108-1	25	29	21	25	16.68	cps
Calcium	43-1	462576	456449	459225	459417	0.67	cps
Calcium	44-1	7461165	7428292	7451335	7446930	0.23	cps
Chromium	52-1	29586	29383	28715	29228	1.56	cps
Cobalt	59-2	73	73	90	79	12.20	cps
Copper	63-2	8649	8546	8579	8592	0.61	cps
Dysprosium	156-1	33	42	42	39	12.38	cps
Dysprosium	156-2	67	30	37	44	43.95	cps
Erbium	164-1	108	92	100	100	8.33	cps
Erbium	164-2	80	90	63	78	17.32	cps
Gadolinium	160-1	217	167	150	178	19.52	cps
Gadolinium	160-2	293	317	287	299	5.27	cps
Holmium	165-1	21442851	21086037	21183920	21237603	0.87	cps
Holmium	165-2	9581145	9471373	9433385	9495301	0.81	cps
Indium	115-1	15903890	15822127	15761081	15829033	0.45	cps
Indium	115-2	2582838	2580276	2526074	2563063	1.25	cps
Iron	56-2	4590	4395	4434	4473	2.30	cps
Iron	57-2	2834	2995	3028	2952	3.52	cps
Krypton	83-1	917	887	870	891	2.65	cps
Lead	206-1	2939	2928	2923	2930	0.29	cps
Lead	207-1	2795	2817	2567	2726	5.08	cps
Lead	208-1	11252	11252	10930	11145	1.67	cps
Lithium	6-1	3691200	3682074	3686005	3686426	0.12	cps
Magnesium	24-2	827481	817934	831575	825663	0.85	cps

LB Number :	LB106731	Operator :	Jaswal
Lab Sample ID :	K6219-01LX5	Instrumnet Name :	P7
Client Sample ID :	391202021.0L	Dilution Factor :	5
Date & Time Acquired ::	2019-12-12 17:46:42	DataFile Name :	029SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	73	63	47	61	22.04	cps
Molybdenum	94-1	575	758	767	700	15.48	cps
Molybdenum	95-1	467	350	450	422	14.94	cps
Molybdenum	96-1	500	633	558	564	11.85	cps
Molybdenum	97-1	283	292	342	306	10.33	cps
Molybdenum	98-1	658	617	833	703	16.36	cps
Neodymium	150-1	67	60	60	62	6.19	cps
Neodymium	150-2	10	13	30	18	60.28	cps
Nickel	60-2	70	80	63	71	11.80	cps
Phosphorus	31-2	125	133	117	125	6.67	cps
Potassium	39-2	85471	85479	84339	85096	0.77	cps
Rhodium	103-1	14250780	14271734	14208870	14243795	0.22	cps
Rhodium	103-2	6463016	6444065	6394739	6433940	0.55	cps
Scandium	45-1	9516143	9507280	9445714	9489712	0.40	cps
Scandium	45-2	398761	394821	391750	395111	0.89	cps
Selenium	77-2	3	3	0	2	86.60	cps
Selenium	78-2	59	33	52	48	27.74	cps
Selenium	82-1	19	-4	21	12	115.14	cps
Silicon	28-1	15208767	14966441	15099298	15091502	0.80	cps
Silver	109-1	575	483	542	533	8.70	cps
Silver	107-1	675	700	792	722	8.51	cps
Sodium	23-2	1541394	1530500	1515940	1529278	0.84	cps
Strontium	86-1	122788	121376	122309	122158	0.59	cps
Strontium	88-1	1054720	1039558	1040325	1044868	0.82	cps
Sulfur	34-1	430178	419619	414992	421596	1.85	cps
Terbium	159-1	21852903	21608392	21658275	21706523	0.60	cps
Terbium	159-2	9318735	9246514	9120027	9228425	1.09	cps
Thallium	203-1	900	942	758	867	11.09	cps
Thallium	205-1	1508	1458	1442	1470	2.36	cps
Thorium	232-1	3156	3217	3339	3238	2.88	cps
Tin	118-1	1942	2175	1892	2003	7.55	cps
Titanium	47-1	375	375	442	397	9.69	cps
Uranium	238-1	13057	12890	12965	12971	0.64	cps
Vanadium	51-2	3364	3044	3194	3200	5.00	cps
Yttrium	89-1	19232542	18950085	18971607	19051411	0.83	cps
Yttrium	89-2	2316962	2335452	2295243	2315885	0.87	cps

LB Number :	LB106731	Operator :	Jaswal
Lab Sample ID :	K6219-01LX5	Instrumnet Name :	P7
Client Sample ID :	391202021.0L	Dilution Factor :	5
Date & Time Acquired ::	2019-12-12 17:46:42	DataFile Name :	029SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zinc	66-2	1613	1637	1667	1639	1.63	cps
Zirconium	90-1	1167	1033	1108	1103	6.06	cps
Zirconium	91-1	283	250	167	233	25.76	cps

LB Number :	LB106731	Operator :	Jaswal
Lab Sample ID :	K6219-01MS	Instrumnet Name :	P7
Client Sample ID :	391202021.0MS	Dilution Factor :	1
Date & Time Acquired ::	2019-12-12 17:50:19	DataFile Name :	030SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	246440	241544	241243	243076	1.20	cps
Antimony	121-1	11027624	11042379	10896467	10988823	0.73	cps
Arsenic	75-1	2454766	2481710	2398866	2445114	1.73	cps
Barium	135-1	2749801	2757901	2724214	2743972	0.64	cps
Barium	137-1	4896273	4848226	4799873	4848124	0.99	cps
Beryllium	9-1	527143	520713	511854	519903	1.48	cps
Bismuth	209-1	13897853	13805100	13652561	13785171	0.90	cps
Bismuth	209-2	6668341	6646178	6677459	6663992	0.24	cps
Boron	10-1	157167	158926	159938	158677	0.88	cps
Boron	11-1	737040	757933	756744	750572	1.56	cps
Cadmium	111-1	825929	830482	823022	826477	0.45	cps
Cadmium	106-1	82800	81425	81643	81956	0.90	cps
Cadmium	108-1	54713	55316	54530	54853	0.75	cps
Calcium	43-1	2537094	2527345	2474773	2513070	1.33	cps
Calcium	44-1	41005635	40534951	40372524	40637703	0.81	cps
Chromium	52-1	9362693	9269644	9175537	9269291	1.01	cps
Cobalt	59-2	1283232	1285136	1264695	1277688	0.88	cps
Copper	63-2	1378378	1389421	1364080	1377293	0.92	cps
Dysprosium	156-1	957090	952153	957473	955572	0.31	cps
Dysprosium	156-2	232647	231767	230742	231719	0.41	cps
Erbium	164-1	250	183	233	222	15.61	cps
Erbium	164-2	157	110	110	126	21.46	cps
Gadolinium	160-1	467	508	433	469	8.01	cps
Gadolinium	160-2	397	357	403	386	6.55	cps
Holmium	165-1	23188430	23146936	23072491	23135952	0.25	cps
Holmium	165-2	10021444	9939584	9914287	9958438	0.56	cps
Indium	115-1	16758764	16477467	16396667	16544299	1.15	cps
Indium	115-2	2622291	2614688	2600418	2612466	0.43	cps
Iron	56-2	10044489	9943021	9902313	9963274	0.73	cps
Iron	57-2	258707	257932	257037	257892	0.32	cps
Krypton	83-1	943	967	1003	971	3.11	cps
Lead	206-1	12406758	12358901	12292808	12352823	0.46	cps
Lead	207-1	10719542	10667499	10579067	10655369	0.67	cps
Lead	208-1	48817839	48436172	48362384	48538799	0.50	cps
Lithium	6-1	4114416	4066394	4016967	4065926	1.20	cps
Magnesium	24-2	4967840	4944867	4846219	4919642	1.31	cps

LB Number :	LB106731	Operator :	Jaswal
Lab Sample ID :	K6219-01MS	Instrumnet Name :	P7
Client Sample ID :	391202021.0MS	Dilution Factor :	1
Date & Time Acquired ::	2019-12-12 17:50:19	DataFile Name :	030SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	448283	440213	440771	443089	1.02	cps
Molybdenum	94-1	1633972	1636273	1611477	1627241	0.84	cps
Molybdenum	95-1	2867573	2857466	2838377	2854472	0.52	cps
Molybdenum	96-1	3046658	3044526	3039008	3043397	0.13	cps
Molybdenum	97-1	1789210	1794952	1770785	1784982	0.71	cps
Molybdenum	98-1	4610450	4560234	4549640	4573442	0.71	cps
Neodymium	150-1	320	213	227	253	22.94	cps
Neodymium	150-2	70	50	20	47	53.93	cps
Nickel	60-2	839337	835275	829020	834544	0.62	cps
Phosphorus	31-2	42236	42679	41592	42169	1.30	cps
Potassium	39-2	3021529	2998032	2955510	2991690	1.12	cps
Rhodium	103-1	14915205	14857709	14748981	14840632	0.57	cps
Rhodium	103-2	6611680	6582150	6520313	6571381	0.71	cps
Scandium	45-1	10245206	10094568	10046963	10128913	1.02	cps
Scandium	45-2	412573	408795	405345	408904	0.88	cps
Selenium	77-2	25105	24768	24411	24761	1.40	cps
Selenium	78-2	82781	82332	81922	82345	0.52	cps
Selenium	82-1	675557	671284	668422	671754	0.53	cps
Silicon	28-1	88543169	87432573	86316983	87430908	1.27	cps
Silver	109-1	1309964	1313839	1308046	1310616	0.23	cps
Silver	107-1	1374012	1365493	1352611	1364039	0.79	cps
Sodium	23-2	9791005	9853296	9753205	9799169	0.52	cps
Strontium	86-1	1581861	1591312	1567857	1580343	0.75	cps
Strontium	88-1	13679925	13740541	13679479	13699982	0.26	cps
Sulfur	34-1	643152	639349	633042	638514	0.80	cps
Terbium	159-1	23621146	23574995	23334215	23510119	0.66	cps
Terbium	159-2	9734751	9685254	9696012	9705339	0.27	cps
Thallium	203-1	30143875	30432757	30115100	30230577	0.58	cps
Thallium	205-1	71500012	71610968	71334341	71481774	0.19	cps
Thorium	232-1	4623	4968	5190	4927	5.80	cps
Tin	118-1	8760193	8690431	8618274	8689633	0.82	cps
Titanium	47-1	392588	390165	385679	389478	0.90	cps
Uranium	238-1	59773	59647	60301	59907	0.58	cps
Vanadium	51-2	967401	969758	954562	963907	0.85	cps
Yttrium	89-1	20411310	20321798	20247934	20327014	0.40	cps
Yttrium	89-2	2424151	2408169	2398195	2410172	0.54	cps

LB Number :	LB106731	Operator :	Jaswal
Lab Sample ID :	K6219-01MS	Instrumnet Name :	P7
Client Sample ID :	391202021.0MS	Dilution Factor :	1
Date & Time Acquired ::	2019-12-12 17:50:19	DataFile Name :	030SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zinc	66-2	151086	151144	149146	150459	0.76	cps
Zirconium	90-1	8611	9420	10588	9540	10.42	cps
Zirconium	91-1	3492	4184	4001	3892	9.21	cps

LB Number :	LB106731	Operator :	Jaswal
Lab Sample ID :	K6219-01MSD	Instrumnet Name :	P7
Client Sample ID :	391202021.0MSD	Dilution Factor :	1
Date & Time Acquired ::	2019-12-12 17:53:55	DataFile Name :	031SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	234073	230288	234799	233053	1.04	cps
Antimony	121-1	10831719	10754168	10689055	10758314	0.66	cps
Arsenic	75-1	2345293	2345898	2315066	2335419	0.75	cps
Barium	135-1	2669423	2664682	2642161	2658756	0.55	cps
Barium	137-1	4729039	4676390	4683472	4696300	0.61	cps
Beryllium	9-1	496249	492721	488293	492421	0.81	cps
Bismuth	209-1	13732907	13579583	13457849	13590113	1.01	cps
Bismuth	209-2	6600689	6538046	6545221	6561319	0.52	cps
Boron	10-1	152227	156232	153546	154002	1.33	cps
Boron	11-1	721049	733507	717037	723864	1.19	cps
Cadmium	111-1	797515	801275	789129	795973	0.78	cps
Cadmium	106-1	80194	77286	79632	79037	1.95	cps
Cadmium	108-1	53321	53137	52936	53131	0.36	cps
Calcium	43-1	2417325	2412886	2385618	2405276	0.71	cps
Calcium	44-1	39348860	38742350	38374044	38821751	1.27	cps
Chromium	52-1	8851507	8733734	8674530	8753257	1.03	cps
Cobalt	59-2	1217811	1226411	1228399	1224207	0.46	cps
Copper	63-2	1324724	1321008	1319577	1321769	0.20	cps
Dysprosium	156-1	925704	922070	919790	922521	0.32	cps
Dysprosium	156-2	220703	222902	224711	222772	0.90	cps
Erbium	164-1	208	292	233	244	17.49	cps
Erbium	164-2	107	107	150	121	20.66	cps
Gadolinium	160-1	433	450	425	436	2.92	cps
Gadolinium	160-2	383	407	350	380	7.49	cps
Holmium	165-1	22823081	22597904	22633826	22684937	0.53	cps
Holmium	165-2	9907699	9772648	9723517	9801288	0.97	cps
Indium	115-1	16295301	16250680	16132341	16226107	0.52	cps
Indium	115-2	2547165	2561162	2564604	2557644	0.36	cps
Iron	56-2	9617263	9562551	9557886	9579233	0.34	cps
Iron	57-2	249201	244223	246487	246637	1.01	cps
Krypton	83-1	890	827	933	883	6.07	cps
Lead	206-1	12102086	12044337	12094323	12080249	0.26	cps
Lead	207-1	10508194	10324600	10380477	10404424	0.90	cps
Lead	208-1	47746408	47359376	47323310	47476364	0.49	cps
Lithium	6-1	3941278	3884989	3868577	3898282	0.98	cps
Magnesium	24-2	4746443	4721478	4738682	4735534	0.27	cps

LB Number :	LB106731	Operator :	Jaswal
Lab Sample ID :	K6219-01MSD	Instrumnet Name :	P7
Client Sample ID :	391202021.0MSD	Dilution Factor :	1
Date & Time Acquired ::	2019-12-12 17:53:55	DataFile Name :	031SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	419181	424002	426717	423300	0.90	cps
Molybdenum	94-1	1581799	1570581	1571077	1574486	0.40	cps
Molybdenum	95-1	2767763	2741593	2737328	2748895	0.60	cps
Molybdenum	96-1	2975803	2928698	2914319	2939607	1.09	cps
Molybdenum	97-1	1755106	1730654	1721810	1735856	0.99	cps
Molybdenum	98-1	4473489	4430967	4408023	4437493	0.75	cps
Neodymium	150-1	273	273	287	278	2.77	cps
Neodymium	150-2	63	30	40	44	38.48	cps
Nickel	60-2	795450	794967	793297	794572	0.14	cps
Phosphorus	31-2	39361	40213	39085	39553	1.49	cps
Potassium	39-2	2869022	2858835	2869760	2865872	0.21	cps
Rhodium	103-1	14627651	14428648	14410253	14488851	0.83	cps
Rhodium	103-2	6450704	6386401	6390434	6409180	0.56	cps
Scandium	45-1	9848697	9664858	9550257	9687937	1.55	cps
Scandium	45-2	401137	393681	396700	397173	0.94	cps
Selenium	77-2	23633	23416	23469	23506	0.48	cps
Selenium	78-2	78824	78963	79108	78965	0.18	cps
Selenium	82-1	650246	648199	646845	648430	0.26	cps
Silicon	28-1	84006704	83309729	82362012	83226148	0.99	cps
Silver	109-1	1271422	1276794	1251187	1266468	1.07	cps
Silver	107-1	1326033	1318558	1314215	1319602	0.45	cps
Sodium	23-2	9514059	9455184	9409538	9459594	0.55	cps
Strontium	86-1	1532714	1533192	1516852	1527586	0.61	cps
Strontium	88-1	13269399	13260886	13097658	13209314	0.73	cps
Sulfur	34-1	607154	609816	600155	605708	0.82	cps
Terbium	159-1	23261850	22973905	23163544	23133100	0.63	cps
Terbium	159-2	9646187	9485409	9530966	9554187	0.87	cps
Thallium	203-1	29560986	29152410	29069469	29260955	0.90	cps
Thallium	205-1	70169787	69159239	69060443	69463156	0.88	cps
Thorium	232-1	3628	3734	3667	3677	1.45	cps
Tin	118-1	8490942	8496993	8477650	8488529	0.12	cps
Titanium	47-1	375736	372475	368266	372159	1.01	cps
Uranium	238-1	58911	61130	59246	59762	2.00	cps
Vanadium	51-2	924214	920768	923391	922791	0.20	cps
Yttrium	89-1	19956562	19810876	19602224	19789887	0.90	cps
Yttrium	89-2	2337895	2344298	2345938	2342710	0.18	cps

LB Number :	LB106731	Operator :	Jaswal
Lab Sample ID :	K6219-01MSD	Instrumnet Name :	P7
Client Sample ID :	391202021.0MSD	Dilution Factor :	1
Date & Time Acquired ::	2019-12-12 17:53:55	DataFile Name :	031SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zinc	66-2	144079	143540	142049	143223	0.73	cps
Zirconium	90-1	4134	4693	4676	4501	7.06	cps
Zirconium	91-1	2484	2667	2734	2628	4.93	cps

LB Number : LB106731 Operator : Jaswal
 Lab Sample ID : K6219-01A Instrumnet Name : P7
 Client Sample ID : 391202021.0A Dilution Factor : 1
 Date & Time Acquired :: 2019-12-12 17:57:32 DataFile Name : 032SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	233674	231594	232594	232621	0.45	cps
Antimony	121-1	10846049	10643077	10619147	10702758	1.16	cps
Arsenic	75-1	2367386	2349376	2326778	2347847	0.87	cps
Barium	135-1	2694930	2633223	2652900	2660351	1.18	cps
Barium	137-1	4771750	4693543	4682922	4716071	1.03	cps
Beryllium	9-1	490902	484379	478560	484614	1.27	cps
Bismuth	209-1	13903153	13617573	13489580	13670102	1.55	cps
Bismuth	209-2	6681408	6522698	6548228	6584112	1.29	cps
Boron	10-1	151653	150753	150761	151055	0.34	cps
Boron	11-1	709158	710476	711820	710485	0.19	cps
Cadmium	111-1	812518	796322	790270	799703	1.44	cps
Cadmium	106-1	81728	77680	78661	79356	2.66	cps
Cadmium	108-1	53195	52556	53534	53095	0.94	cps
Calcium	43-1	2389503	2357759	2348486	2365249	0.91	cps
Calcium	44-1	39002023	37835352	37664288	38167221	1.91	cps
Chromium	52-1	8819373	8680123	8654846	8718114	1.02	cps
Cobalt	59-2	1217688	1208813	1203485	1209995	0.59	cps
Copper	63-2	1311016	1303003	1309272	1307763	0.32	cps
Dysprosium	156-1	938151	927184	929176	931504	0.63	cps
Dysprosium	156-2	224075	223076	224413	223854	0.31	cps
Erbium	164-1	292	258	275	275	6.06	cps
Erbium	164-2	127	127	83	112	22.29	cps
Gadolinium	160-1	542	325	350	406	29.23	cps
Gadolinium	160-2	380	360	447	396	11.47	cps
Holmium	165-1	23105234	22414140	22569029	22696134	1.60	cps
Holmium	165-2	9793553	9738912	9687087	9739851	0.55	cps
Indium	115-1	16393089	16091656	15943237	16142661	1.42	cps
Indium	115-2	2527470	2517752	2522153	2522458	0.19	cps
Iron	56-2	9590741	9454058	9410889	9485229	0.99	cps
Iron	57-2	248971	244438	245449	246286	0.97	cps
Krypton	83-1	927	890	873	897	3.04	cps
Lead	206-1	12456626	12096660	12196692	12249993	1.52	cps
Lead	207-1	10803319	10402837	10393293	10533150	2.22	cps
Lead	208-1	49080604	47660961	47718176	48153247	1.67	cps
Lithium	6-1	3887915	3820662	3784332	3830970	1.37	cps
Magnesium	24-2	4747610	4674585	4673556	4698584	0.90	cps

LB Number :	LB106731	Operator :	Jaswal
Lab Sample ID :	K6219-01A	Instrumnet Name :	P7
Client Sample ID :	391202021.0A	Dilution Factor :	1
Date & Time Acquired ::	2019-12-12 17:57:32	DataFile Name :	032SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	422536	419689	417552	419926	0.60	cps
Molybdenum	94-1	1589783	1568070	1566861	1574905	0.82	cps
Molybdenum	95-1	2769070	2750072	2728777	2749306	0.73	cps
Molybdenum	96-1	2989242	2931997	2917463	2946234	1.29	cps
Molybdenum	97-1	1743593	1719025	1713480	1725366	0.93	cps
Molybdenum	98-1	4485857	4396458	4325266	4402527	1.83	cps
Neodymium	150-1	280	227	267	258	10.77	cps
Neodymium	150-2	60	50	47	52	13.28	cps
Nickel	60-2	787373	788988	784033	786798	0.32	cps
Phosphorus	31-2	40615	39553	39612	39927	1.49	cps
Potassium	39-2	2840934	2819539	2818765	2826413	0.45	cps
Rhodium	103-1	14642535	14309203	14201233	14384324	1.60	cps
Rhodium	103-2	6367875	6314363	6327424	6336554	0.44	cps
Scandium	45-1	9739209	9467665	9403941	9536938	1.87	cps
Scandium	45-2	391571	387535	386349	388485	0.70	cps
Selenium	77-2	23589	23292	23322	23401	0.70	cps
Selenium	78-2	78816	79010	79067	78965	0.17	cps
Selenium	82-1	650985	642165	643461	645537	0.74	cps
Silicon	28-1	83073098	80872833	81070287	81672073	1.49	cps
Silver	109-1	1275753	1267449	1254786	1265996	0.83	cps
Silver	107-1	1321695	1291952	1320838	1311495	1.29	cps
Sodium	23-2	9464661	9304288	9390335	9386428	0.86	cps
Strontium	86-1	1538148	1513465	1527225	1526279	0.81	cps
Strontium	88-1	13332950	13135789	13208527	13225755	0.75	cps
Sulfur	34-1	601659	602464	600099	601407	0.20	cps
Terbium	159-1	23514289	23077859	22960633	23184260	1.26	cps
Terbium	159-2	9528964	9501456	9475876	9502099	0.28	cps
Thallium	203-1	29995557	29453144	29666994	29705232	0.92	cps
Thallium	205-1	71637987	70045720	70364583	70682763	1.19	cps
Thorium	232-1	3228	3534	3334	3365	4.61	cps
Tin	118-1	8555377	8415073	8435794	8468748	0.89	cps
Titanium	47-1	372626	363645	367165	367812	1.23	cps
Uranium	238-1	59890	58970	58885	59248	0.94	cps
Vanadium	51-2	915621	909790	918888	914766	0.50	cps
Yttrium	89-1	19814336	19481056	19509046	19601480	0.94	cps
Yttrium	89-2	2335665	2300975	2302204	2312948	0.85	cps

LB Number :	LB106731	Operator :	Jaswal
Lab Sample ID :	K6219-01A	Instrumnet Name :	P7
Client Sample ID :	391202021.0A	Dilution Factor :	1
Date & Time Acquired ::	2019-12-12 17:57:32	DataFile Name :	032SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zinc	66-2	140959	141226	140226	140804	0.37	cps
Zirconium	90-1	4909	4809	5326	5015	5.47	cps
Zirconium	91-1	2842	2850	2717	2803	2.67	cps

LB Number :	LB106731	Operator :	Jaswal
Lab Sample ID :	CCV89	Instrumnet Name :	P7
Client Sample ID :	CCV89	Dilution Factor :	1
Date & Time Acquired ::	2019-12-12 18:01:09	DataFile Name :	033CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	5752385	5787290	5830758	5790144	0.68	cps
Antimony	121-1	5804981	5793010	5789718	5795903	0.14	cps
Arsenic	75-1	1179146	1167156	1176776	1174359	0.54	cps
Barium	135-1	7499366	7540110	7552773	7530750	0.37	cps
Barium	137-1	13144150	13239366	13109925	13164480	0.51	cps
Beryllium	9-1	1020089	1027326	1027212	1024876	0.40	cps
Bismuth	209-1	10857377	10854795	10747482	10819884	0.58	cps
Bismuth	209-2	5394128	5398202	5428399	5406910	0.35	cps
Boron	10-1	181858	183719	187295	184291	1.50	cps
Boron	11-1	850554	865131	879929	865205	1.70	cps
Cadmium	111-1	1821216	1809597	1804650	1811821	0.47	cps
Cadmium	106-1	212518	209130	214507	212052	1.28	cps
Cadmium	108-1	141931	141674	141208	141604	0.26	cps
Calcium	43-1	8763436	8837168	8832256	8810953	0.47	cps
Calcium	44-1	140064878	140264128	141566378	140631795	0.58	cps
Chromium	52-1	9786568	9791425	9889212	9822401	0.59	cps
Cobalt	59-2	2614784	2636887	2654801	2635491	0.76	cps
Copper	63-2	3825219	3841167	3878738	3848375	0.71	cps
Dysprosium	156-1	308	308	375	331	11.64	cps
Dysprosium	156-2	160	180	183	174	7.24	cps
Erbium	164-1	142	133	92	122	21.92	cps
Erbium	164-2	83	107	57	82	30.43	cps
Gadolinium	160-1	150	158	200	169	15.81	cps
Gadolinium	160-2	323	260	320	301	11.84	cps
Holmium	165-1	19619972	19654300	19577843	19617372	0.20	cps
Holmium	165-2	8687800	8678985	8746048	8704278	0.42	cps
Indium	115-1	13584720	13502717	13544120	13543852	0.30	cps
Indium	115-2	2242957	2245727	2284990	2257891	1.04	cps
Iron	56-2	339710185	342362363	341621630	341231393	0.40	cps
Iron	57-2	8279032	8379384	8379373	8345930	0.69	cps
Krypton	83-1	880	920	867	889	3.12	cps
Lead	206-1	5091090	5098543	5085288	5091640	0.13	cps
Lead	207-1	4240434	4410032	4187415	4279294	2.72	cps
Lead	208-1	19913854	20171798	19732598	19939417	1.11	cps
Lithium	6-1	3152826	3184568	3179044	3172146	0.53	cps
Magnesium	24-2	65432676	65463062	66287920	65727886	0.74	cps

LB Number :	LB106731	Operator :	Jaswal
Lab Sample ID :	CCV89	Instrumnet Name :	P7
Client Sample ID :	CCV89	Dilution Factor :	1
Date & Time Acquired ::	2019-12-12 18:01:09	DataFile Name :	033CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	1911911	1929573	1938300	1926595	0.70	cps
Molybdenum	94-1	12485455	12428267	12484471	12466065	0.26	cps
Molybdenum	95-1	15182091	15162210	15275636	15206646	0.40	cps
Molybdenum	96-1	16903026	16780410	16833365	16838934	0.37	cps
Molybdenum	97-1	9516522	9471396	9514520	9500813	0.27	cps
Molybdenum	98-1	24326889	24240660	24312909	24293486	0.19	cps
Neodymium	150-1	707	740	607	684	10.14	cps
Neodymium	150-2	70	60	73	68	10.24	cps
Nickel	60-2	678004	687135	691414	685518	1.00	cps
Phosphorus	31-2	54467	55513	54860	54947	0.96	cps
Potassium	39-2	28293750	28648973	28792620	28578448	0.90	cps
Rhodium	103-1	11693229	11607359	11638127	11646239	0.37	cps
Rhodium	103-2	5274496	5324075	5357721	5318764	0.79	cps
Scandium	45-1	8367504	8436000	8429314	8410939	0.45	cps
Scandium	45-2	355531	358817	358798	357715	0.53	cps
Selenium	77-2	4427	4771	4634	4611	3.75	cps
Selenium	78-2	15996	16129	16298	16141	0.94	cps
Selenium	82-1	126242	125638	126323	126068	0.30	cps
Silicon	28-1	3861803	3910916	3916369	3896363	0.77	cps
Silver	109-1	7132267	7233526	7140274	7168689	0.79	cps
Silver	107-1	7470385	7432221	7485407	7462671	0.37	cps
Sodium	23-2	131237965	131653936	132337240	131743047	0.42	cps
Strontium	86-1	1964889	1951274	1937568	1951244	0.70	cps
Strontium	88-1	16856883	16796290	16824050	16825741	0.18	cps
Sulfur	34-1	959058	957349	956415	957607	0.14	cps
Terbium	159-1	19938256	19887578	19798223	19874685	0.36	cps
Terbium	159-2	8404068	8439830	8483726	8442541	0.47	cps
Thallium	203-1	6257778	6191081	6220990	6223283	0.54	cps
Thallium	205-1	14679687	14598484	14774549	14684240	0.60	cps
Thorium	232-1	20709281	20522585	20573075	20601647	0.47	cps
Tin	118-1	5109723	5093997	5134210	5112643	0.40	cps
Titanium	47-1	3966165	3950520	3985858	3967514	0.45	cps
Uranium	238-1	20983121	20651621	20772276	20802340	0.81	cps
Vanadium	51-2	1373126	1391541	1390006	1384891	0.74	cps
Yttrium	89-1	17162193	17092676	17085358	17113409	0.25	cps
Yttrium	89-2	2094473	2124680	2151714	2123622	1.35	cps

LB Number :	LB106731	Operator :	Jaswal
Lab Sample ID :	CCV89	Instrumnet Name :	P7
Client Sample ID :	CCV89	Dilution Factor :	1
Date & Time Acquired ::	2019-12-12 18:01:09	DataFile Name :	033CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zinc	66-2	552248	553851	561206	555768	0.86	cps
Zirconium	90-1	10624202	10572315	10546653	10581056	0.37	cps
Zirconium	91-1	2354585	2323786	2321428	2333267	0.79	cps

LB Number : LB106731 Operator : Jaswal
 Lab Sample ID : CCB89 Instrumnet Name : P7
 Client Sample ID : CCB89 Dilution Factor : 1
 Date & Time Acquired :: 2019-12-12 18:04:53 DataFile Name : 034CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	258	300	258	272	8.84	cps
Antimony	121-1	7694	8094	9562	8450	11.64	cps
Arsenic	75-1	-1561	-1156	-1026	-1248	-22.37	cps
Barium	135-1	600	442	475	506	16.51	cps
Barium	137-1	1017	867	917	933	8.18	cps
Beryllium	9-1	244	233	217	231	6.04	cps
Bismuth	209-1	12573229	12457298	12554410	12528312	0.50	cps
Bismuth	209-2	6293196	6337582	6362187	6330988	0.55	cps
Boron	10-1	6443	6060	5618	6040	6.84	cps
Boron	11-1	28553	29638	26148	28113	6.35	cps
Cadmium	111-1	5929	5413	5622	5655	4.59	cps
Cadmium	106-1	8136	7386	7777	7766	4.83	cps
Cadmium	108-1	58	46	38	47	22.20	cps
Calcium	43-1	908	758	708	792	13.15	cps
Calcium	44-1	17953	16326	16427	16902	5.39	cps
Chromium	52-1	26067	25906	25903	25959	0.36	cps
Cobalt	59-2	230	217	207	218	5.38	cps
Copper	63-2	1273	1237	1173	1228	4.12	cps
Dysprosium	156-1	75	83	75	78	6.19	cps
Dysprosium	156-2	27	47	27	33	34.64	cps
Erbium	164-1	125	117	67	103	30.70	cps
Erbium	164-2	100	80	70	83	18.33	cps
Gadolinium	160-1	217	175	100	164	36.08	cps
Gadolinium	160-2	277	227	290	264	12.63	cps
Holmium	165-1	20155907	20146902	20344399	20215736	0.55	cps
Holmium	165-2	9056817	9058703	9162230	9092584	0.66	cps
Indium	115-1	14994212	14910944	14956694	14953950	0.28	cps
Indium	115-2	2412953	2452341	2455291	2440195	0.97	cps
Iron	56-2	22946	24382	22490	23273	4.24	cps
Iron	57-2	583	639	672	632	7.11	cps
Krypton	83-1	930	953	873	919	4.48	cps
Lead	206-1	4017	3984	3912	3971	1.36	cps
Lead	207-1	3434	3367	3195	3332	3.70	cps
Lead	208-1	15287	15382	15065	15245	1.07	cps
Lithium	6-1	3480011	3451292	3486742	3472682	0.54	cps
Magnesium	24-2	3651	3926	3442	3673	6.60	cps

LB Number :	LB106731	Operator :	Jaswal
Lab Sample ID :	CCB89	Instrumnet Name :	P7
Client Sample ID :	CCB89	Dilution Factor :	1
Date & Time Acquired ::	2019-12-12 18:04:53	DataFile Name :	034CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	180	203	213	199	8.60	cps
Molybdenum	94-1	2800	2809	2525	2711	5.95	cps
Molybdenum	95-1	3467	3259	3192	3306	4.34	cps
Molybdenum	96-1	3709	3667	3726	3701	0.81	cps
Molybdenum	97-1	2142	2000	1942	2028	5.07	cps
Molybdenum	98-1	5360	4934	5476	5257	5.43	cps
Neodymium	150-1	13	20	13	16	24.76	cps
Neodymium	150-2	10	10	7	9	21.63	cps
Nickel	60-2	100	120	87	102	16.41	cps
Phosphorus	31-2	108	92	50	83	36.06	cps
Potassium	39-2	19338	18254	18929	18840	2.91	cps
Rhodium	103-1	13449725	13466435	13512303	13476154	0.24	cps
Rhodium	103-2	6116951	6162401	6213138	6164163	0.78	cps
Scandium	45-1	8776706	8831404	8800679	8802930	0.31	cps
Scandium	45-2	366365	369431	371398	369065	0.69	cps
Selenium	77-2	3	0	3	2	86.60	cps
Selenium	78-2	59	52	52	54	7.88	cps
Selenium	82-1	47	-26	82	34	161.58	cps
Silicon	28-1	138881	135541	134912	136445	1.56	cps
Silver	109-1	1300	1058	992	1117	14.53	cps
Silver	107-1	1308	1183	1283	1258	5.26	cps
Sodium	23-2	31876	32152	31108	31712	1.71	cps
Strontium	86-1	1467	1367	1558	1464	6.55	cps
Strontium	88-1	1350	1525	1158	1345	13.64	cps
Sulfur	34-1	373803	383849	382424	380026	1.43	cps
Terbium	159-1	20529796	20605172	20547204	20560724	0.19	cps
Terbium	159-2	8793298	8884825	8903186	8860436	0.66	cps
Thallium	203-1	5051	4668	4451	4723	6.44	cps
Thallium	205-1	11314	10638	10146	10699	5.48	cps
Thorium	232-1	7202	7163	7197	7187	0.29	cps
Tin	118-1	4251	4543	4776	4523	5.82	cps
Titanium	47-1	450	475	450	458	3.15	cps
Uranium	238-1	3742	3859	3676	3759	2.47	cps
Vanadium	51-2	90	107	120	106	14.24	cps
Yttrium	89-1	17860898	17844414	17920983	17875432	0.23	cps
Yttrium	89-2	2175081	2182810	2215313	2191068	0.97	cps

LB Number :	LB106731	Operator :	Jaswal
Lab Sample ID :	CCB89	Instrumnet Name :	P7
Client Sample ID :	CCB89	Dilution Factor :	1
Date & Time Acquired ::	2019-12-12 18:04:53	DataFile Name :	034CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zinc	66-2	747	747	743	746	0.26	cps
Zirconium	90-1	2559	2634	2700	2631	2.69	cps
Zirconium	91-1	433	492	617	514	18.23	cps