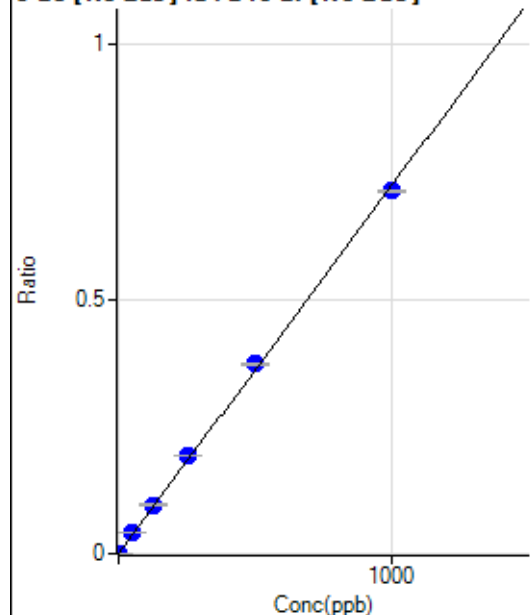


Batch Folder: D:\ICP-MS Data\P7072419MS.b\
Analysis File: P7072419MS.batch.bin
DA Date-Time: 2019-07-24 16:51:30
Calibration Title:
Calibration Method: External Calibration
VIS Interpolation Fit:

Level	Standard Data File	Sample Name	Acq. Date-Time
1	003CALB.d	S00	2019-07-24 12:13:41
2	004CALS.d	S01	2019-07-24 12:17:17
3	005CALS.d	S02	2019-07-24 12:21:16
4	006CALS.d	S03	2019-07-24 12:25:13
5	007CALS.d	S04	2019-07-24 12:29:10
6	008CALS.d	S05	2019-07-24 12:33:06
7	009CALS.d	S06	2019-07-24 12:37:01
8	010CALS.d	S07	2019-07-24 12:40:54
9	011CALS.d	S08	2019-07-24 12:45:05

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



	R _{jc} t	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	38.89	0.0000	P	34.3
2	☒	0.100		85.56	0.0001	P	14.7
3	☐	1.000	0.963	754.48	0.0007	P	5.3
4	☐	50.000	55.230	41022.06	0.0399	P	0.6
5	☐	125.000	132.938	95089.69	0.0961	P	0.5
6	☐	250.000	265.024	176426.15	0.1915	P	0.5
7	☐	500.000	516.990	337991.86	0.3735	P	0.8
8	☐	1000.000	986.495	645487.46	0.7127	P	0.3
9	☐			76.67	0.0001	P	0.7

$$y = 7.2244\text{E-}004 * x + 3.8024\text{E-}005$$

$$R = 0.9996$$

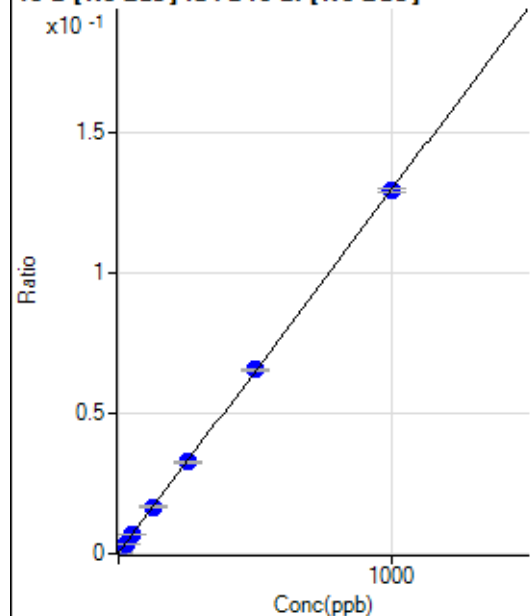
$$DL = 0.05416$$

$$BEC = 0.05263$$

Weight: <None>

Min Conc: 0

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



	R _{jc} t	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	308.35	0.0003	P	6.5
2	☒	2.500		586.15	0.0006	P	18.4
3	☐	25.000	22.934	3364.40	0.0033	P	3.3
4	☐	50.000	50.544	7038.01	0.0069	P	4.5
5	☐	125.000	127.177	16609.62	0.0168	P	1.4
6	☐	250.000	251.366	30289.42	0.0329	P	2.0
7	☐	500.000	505.285	59523.79	0.0658	P	1.3
8	☐	1000.000	996.768	117263.74	0.1295	P	1.2
9	☐			6543.33	0.0078	P	9.3

$$y = 1.2960\text{E-}004 * x + 3.0153\text{E-}004$$

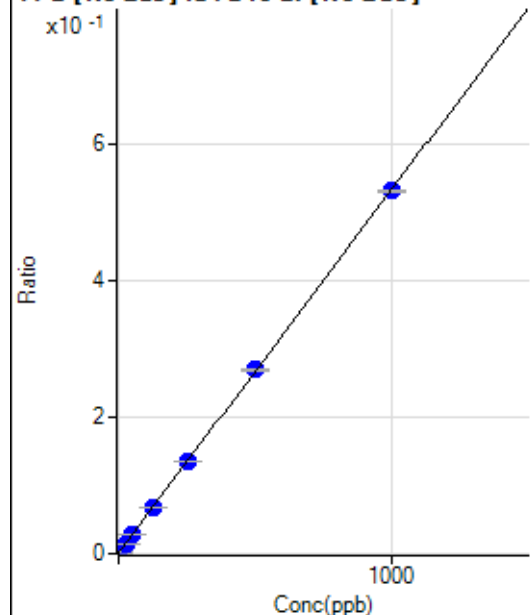
$$R = 1.0000$$

$$DL = 0.4522$$

$$BEC = 2.327$$

Weight: <None>

Min Conc: 0

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

	R _{jc} t	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	1075.09	0.0011	P	4.4
2	☒	2.500		2341.93	0.0023	P	7.9
3	☐	25.000	23.406	13873.57	0.0135	P	4.0
4	☐	50.000	50.918	28895.09	0.0281	P	3.6
5	☐	125.000	125.999	67359.29	0.0681	P	1.3
6	☐	250.000	252.823	124842.83	0.1355	P	0.5
7	☐	500.000	504.600	243776.08	0.2694	P	1.0
8	☐	1000.000	996.863	481116.58	0.5312	P	0.8
9	☐			25934.29	0.0307	P	8.3

$$y = 5.3183\text{E-}004 * x + 0.0011$$

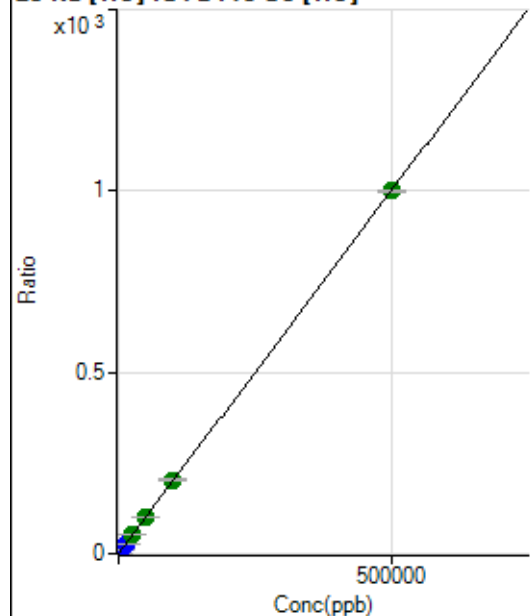
$$R = 1.0000$$

$$DL = 0.2589$$

$$BEC = 1.977$$

Weight: <None>

Min Conc: 0

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

	R _{jc} t	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	2403.07	0.0460	P	4.4
2	☐	50.000	47.680	7632.80	0.1415	P	2.7
3	☐	500.000	514.584	57050.75	1.0764	P	2.2
4	☐	5000.000	5364.984	556173.81	10.7887	P	1.3
5	☐	12500.000	13105.259	1257622.47	26.2877	P	1.8
6	☐	25000.000	25879.595	2329710.38	51.8667	A	0.8
7	☐	50000.000	51286.249	4634037.34	102.7404	A	0.8
8	☐	100000.00	101342.29	9416904.03	202.9714	A	1.9
9	☐	500000.00	499540.14	46672576.0	1,000.313	A	0.7

$$y = 0.0020 * x + 0.0460$$

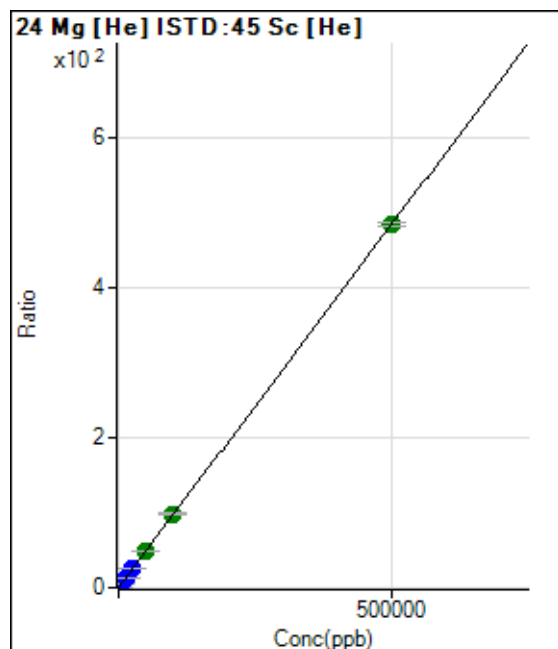
$$R = 1.0000$$

$$DL = 3.052$$

$$BEC = 22.97$$

Weight: <None>

Min Conc: 0



	R _{jc} t	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	25.00	0.0005	P	0.8
2	☐	50.000	53.926	2847.62	0.0528	P	6.6
3	☐	500.000	550.229	28330.42	0.5343	P	0.5
4	☐	5000.000	5534.460	276796.45	5.3694	P	1.6
5	☐	12500.000	13632.297	632717.91	13.2251	P	1.5
6	☐	25000.000	26369.950	1149058.19	25.5818	P	1.1
7	☐	50000.000	51187.523	2239755.22	49.6572	A	0.9
8	☐	100000.00	101145.91	4552386.73	98.1215	A	1.8
9	☐	500000.00	499549.86	22610370.6	484.6105	A	1.0

$$y = 9.7009\text{E-}004 * x + 4.7840\text{E-}004$$

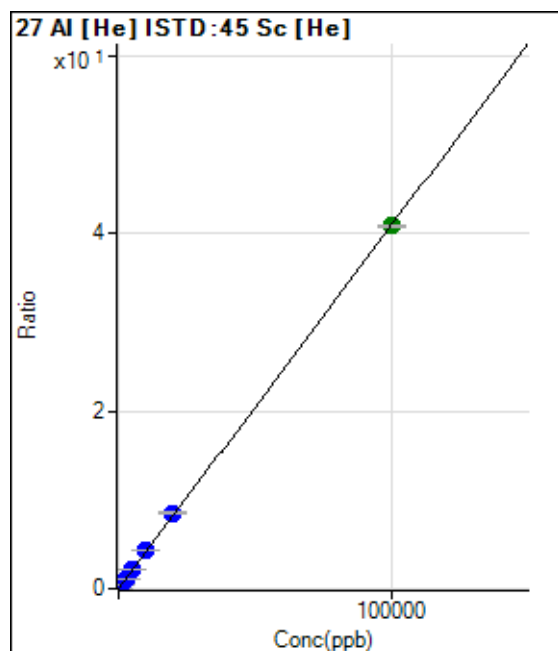
$$R = 1.0000$$

$$DL = 0.01197$$

$$BEC = 0.4932$$

Weight: <None>

Min Conc: 0



	R _{jc} t	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	16.67	0.0003	P	86.6
2	☒	2.000		44.45	0.0008	P	28.4
3	☐	20.000	20.170	455.58	0.0086	P	11.0
4	☐	1000.000	1094.136	23104.80	0.4482	P	1.7
5	☐	2500.000	2706.926	53030.74	1.1084	P	1.1
6	☐	5000.000	5474.766	100670.63	2.2414	P	2.0
7	☐	10000.000	10446.567	192894.38	4.2766	P	0.6
8	☐	20000.000	20669.224	392546.83	8.4612	P	2.2
9	☐	100000.00	99791.646	1905978.34	40.8496	A	0.7

$$y = 4.0935\text{E-}004 * x + 3.1747\text{E-}004$$

$$R = 1.0000$$

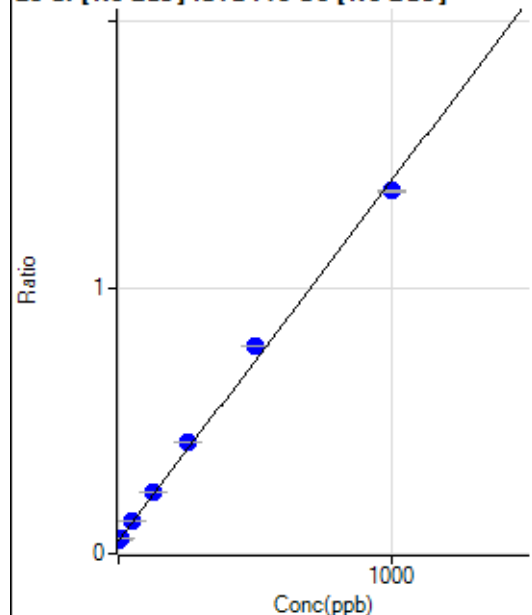
$$DL = 2.015$$

$$BEC = 0.7755$$

Weight: <None>

Min Conc: 0

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



	R _{jc} t	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	59390.61	0.0478	P	2.1
2	☒	1.000		61842.51	0.0488	P	1.3
3	☐	10.000	8.753	75211.15	0.0596	P	1.6
4	☐	50.000	55.402	153825.30	0.1228	P	1.4
5	☐	125.000	134.763	278140.59	0.2303	P	0.8
6	☐	250.000	275.242	459796.27	0.4206	P	1.0
7	☐	500.000	541.222	846343.41	0.7809	P	0.6
8	☐	1000.000	971.600	1499335.29	1.3639	P	0.7
9	☐			93698.23	0.0869	P	1.3

$$y = 0.0014 * x + 0.0478$$

$$R = 0.9983$$

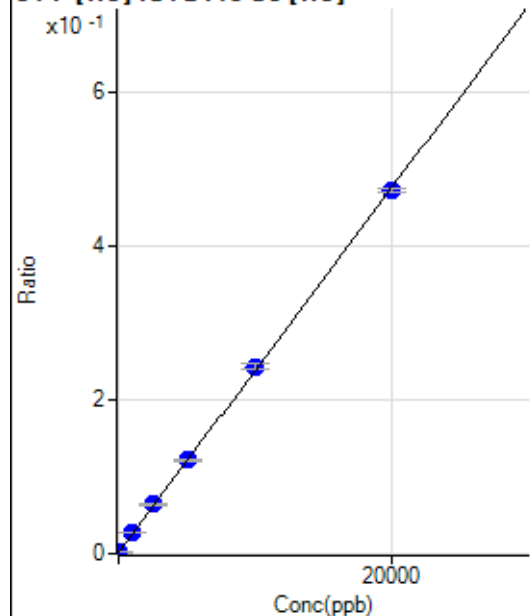
$$DL = 2.224$$

$$BEC = 35.28$$

Weight: <None>

Min Conc: 0

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



	R _{jc} t	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	-21.801	50.00	0.0010	P	72.1
2	☒	0.000		61.11	0.0011	P	41.4
3	☐	0.000	21.801	105.56	0.0020	P	9.6
4	☐	1000.000	1096.803	1416.79	0.0275	P	6.3
5	☐	2500.000	2653.700	3081.01	0.0644	P	5.3
6	☐	5000.000	5069.943	5465.11	0.1217	P	1.2
7	☐	10000.000	10220.810	10996.09	0.2438	P	2.7
8	☐	20000.000	19848.056	21902.85	0.4720	P	1.1
9	☐			47.22	0.0010	P	52.1

$$y = 2.3706E-005 * x + 0.0015$$

$$R = 0.9999$$

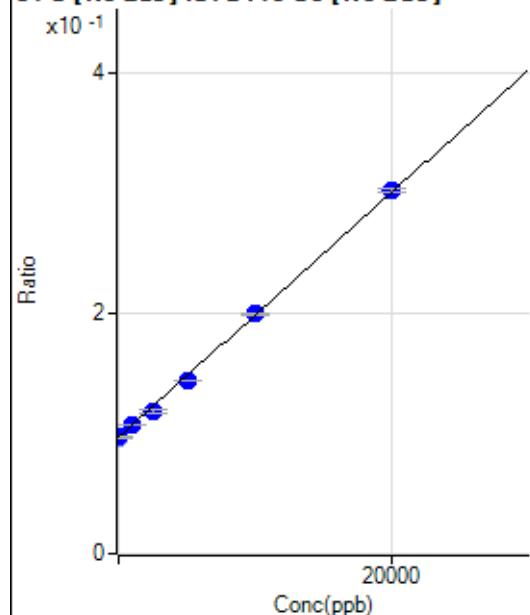
$$DL = 55.66$$

$$BEC = 62.05$$

Weight: <None>

Min Conc: 0

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



	R _{jc} t	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	-13.865	120590.27	0.0970	P	2.5
2	☒	0.000		121208.80	0.0956	P	0.3
3	☐	0.000	13.865	122715.09	0.0973	P	0.9
4	☐	1000.000	970.395	134075.64	0.1071	P	0.6
5	☐	2500.000	2100.877	143178.18	0.1186	P	2.0
6	☐	5000.000	4613.920	157625.12	0.1442	P	0.4
7	☐	10000.000	10057.428	216390.31	0.1997	P	0.8
8	☐	20000.000	20119.176	332181.35	0.3022	P	1.0
9	☐			85377.26	0.0791	P	1.0

$$y = 1.0190\text{E-}005 * x + 0.0972$$

$$R = 0.9996$$

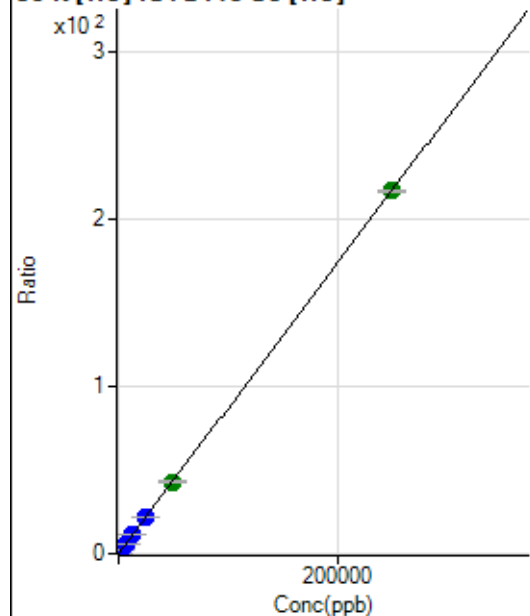
$$DL = 484.1$$

$$BEC = 9536$$

Weight: <None>

Min Conc: 0

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



	R _{jc} t	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	4056.26	0.0776	P	3.4
2	☐	50.000	46.594	6368.26	0.1180	P	0.3
3	☐	500.000	507.109	27414.98	0.5174	P	3.7
4	☐	2500.000	2669.350	123340.04	2.3925	P	1.2
5	☐	6250.000	6519.349	274192.11	5.7312	P	1.5
6	☐	12500.000	12885.761	505395.14	11.2521	P	1.5
7	☐	25000.000	25189.456	988793.24	21.9218	P	0.2
8	☐	50000.000	49251.487	1985158.05	42.7882	A	1.9
9	☐	250000.00	250103.02	10123028.3	216.9655	A	0.8

$$y = 8.6719\text{E-}004 * x + 0.0776$$

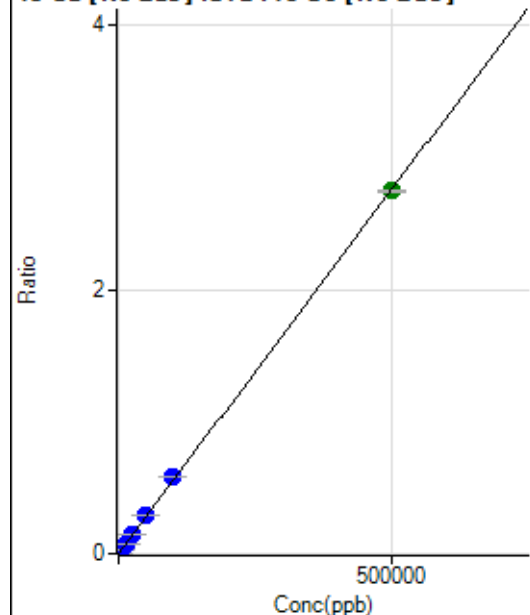
$$R = 1.0000$$

$$DL = 9.187$$

$$BEC = 89.51$$

Weight: <None>

Min Conc: 0

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

	R _{jc} t	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	50.00	0.0000	P	44.5
2	☐	50.000	49.227	394.47	0.0003	P	16.0
3	☐	500.000	512.089	3606.13	0.0029	P	1.9
4	☐	5000.000	5423.640	37445.54	0.0299	P	2.1
5	☐	12500.000	13469.957	89609.91	0.0742	P	0.4
6	☐	25000.000	27623.529	166296.85	0.1521	P	0.6
7	☐	50000.000	53748.620	320749.14	0.2960	P	0.7
8	☐	100000.00	104943.20	635164.50	0.5778	P	0.6
9	☐	500000.00	498476.82	2960536.44	2.7444	A	0.6

$$y = 5.5055E-006 * x + 4.0263E-005$$

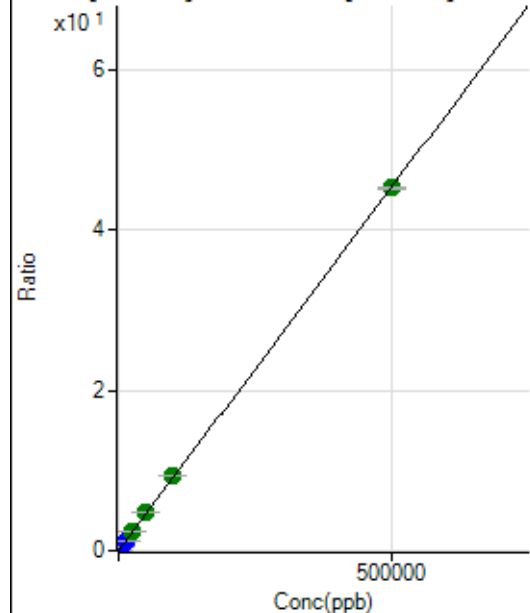
$$R = 0.9999$$

$$DL = 9.771$$

$$BEC = 7.313$$

Weight: <None>

Min Conc: 0

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

	R _{jc} t	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	2705.96	0.0022	P	8.0
2	☐	50.000	51.937	8733.50	0.0069	P	3.7
3	☐	500.000	495.953	59520.47	0.0472	P	1.6
4	☐	5000.000	5266.080	601439.08	0.4803	P	0.2
5	☐	12500.000	12755.941	1401141.92	1.1602	P	0.2
6	☐	25000.000	26366.932	2619126.30	2.3959	A	0.0
7	☐	50000.000	52084.806	5127088.05	4.7308	A	0.5
8	☐	100000.00	103113.95	10292801.3	9.3635	A	0.9
9	☐	500000.00	499091.32	48881158.7	45.3128	A	0.3

$$y = 9.0786E-005 * x + 0.0022$$

$$R = 1.0000$$

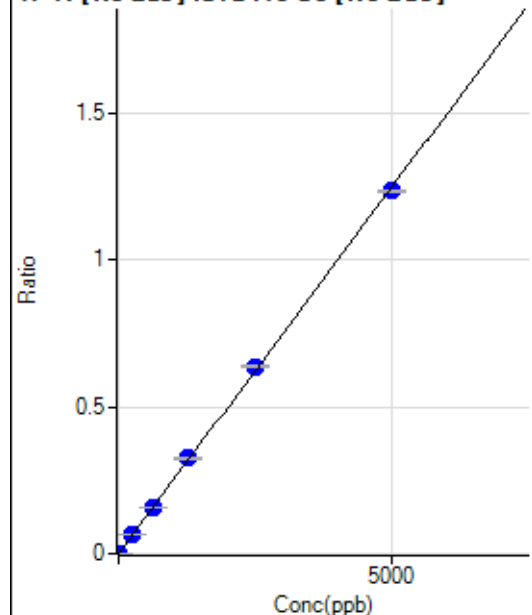
$$DL = 5.735$$

$$BEC = 23.97$$

Weight: <None>

Min Conc: 0

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



	R _{jc} t	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	22.22	0.0000	P	57.9
2	☐	0.500	0.465	169.45	0.0001	P	29.5
3	☐	5.000	5.182	1650.17	0.0013	P	11.3
4	☐	250.000	260.087	81145.41	0.0648	P	0.3
5	☐	625.000	642.006	193120.54	0.1599	P	0.4
6	☐	1250.000	1303.551	354939.51	0.3247	P	0.9
7	☐	2500.000	2556.466	690082.02	0.6367	P	0.9
8	☐	5000.000	4955.749	1356819.40	1.2343	P	0.8
9	☐			316.69	0.0003	P	14.8

$$y = 2.4906E-004 * x + 1.7953E-005$$

$$R = 0.9998$$

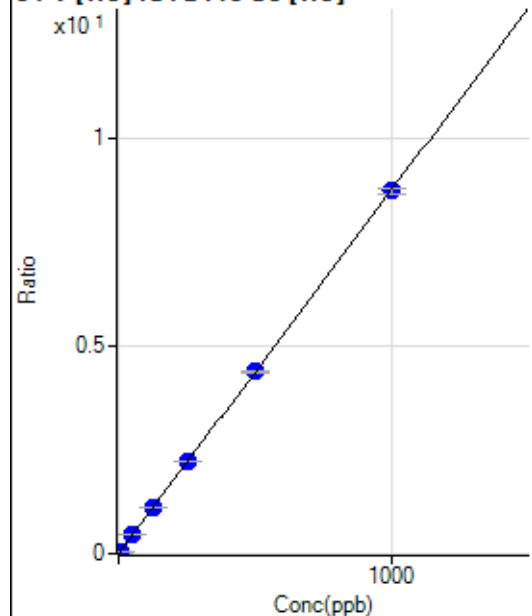
$$DL = 0.1252$$

$$BEC = 0.07208$$

Weight: <None>

Min Conc: 0

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



	R _{jc} t	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	3.33	0.0001	P	100.
2	☐	0.500	0.541	258.90	0.0048	P	6.7
3	☐	5.000	5.473	2542.48	0.0480	P	5.3
4	☐	50.000	52.694	23793.77	0.4615	P	0.9
5	☐	125.000	128.256	53740.91	1.1233	P	1.5
6	☐	250.000	254.737	100207.06	2.2309	P	0.9
7	☐	500.000	501.180	197968.37	4.3892	P	1.4
8	☐	1000.000	997.682	405394.70	8.7373	P	1.3
9	☐			52.22	0.0011	P	51.4

$$y = 0.0088 * x + 6.3465E-005$$

$$R = 1.0000$$

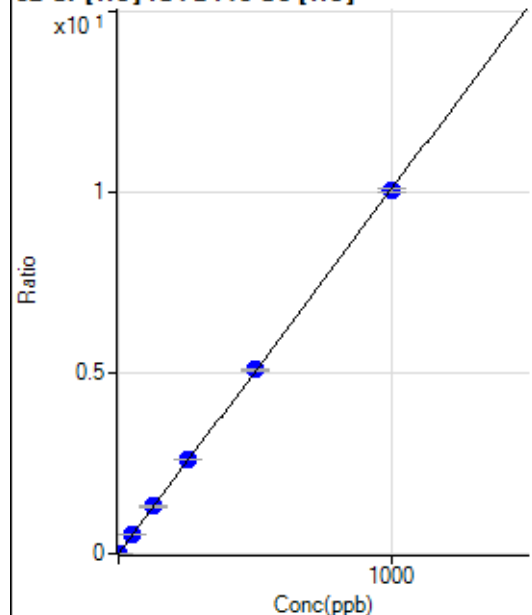
$$DL = 0.02173$$

$$BEC = 0.007247$$

Weight: <None>

Min Conc: 0

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



	R _{jc} t	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	186.67	0.0036	P	16.9
2	☐	0.200	0.175	287.79	0.0053	P	9.6
3	☐	2.000	1.962	1235.63	0.0233	P	9.2
4	☐	50.000	52.930	27666.06	0.5367	P	1.8
5	☐	125.000	129.449	62549.77	1.3074	P	1.3
6	☐	250.000	256.497	116202.89	2.5870	P	0.7
7	☐	500.000	505.308	229724.85	5.0931	P	0.8
8	☐	1000.000	995.019	465166.58	10.0255	P	1.2
9	☐			6573.79	0.1409	P	2.0

$$y = 0.0101 * x + 0.0036$$

$$R = 1.0000$$

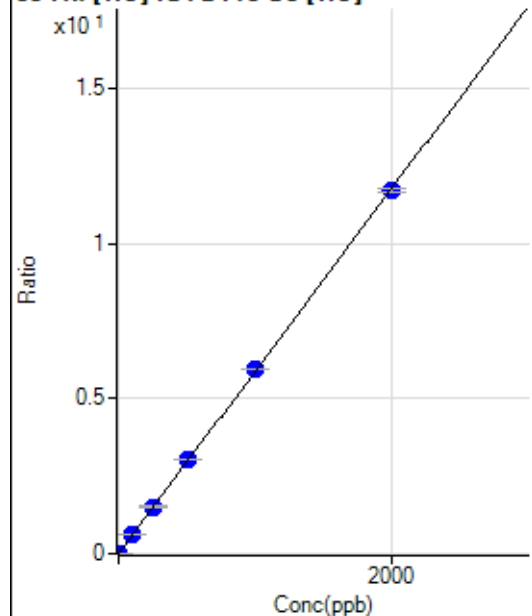
$$DL = 0.18$$

$$BEC = 0.3546$$

Weight: <None>

Min Conc: 0

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



	R _{jc} t	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	5.56	0.0001	P	92.0
2	☒	0.100		51.11	0.0009	P	64.9
3	☐	1.000	1.012	321.12	0.0061	P	1.9
4	☐	100.000	104.018	31540.61	0.6118	P	1.8
5	☐	250.000	257.496	72457.25	1.5144	P	1.3
6	☐	500.000	514.687	135963.33	3.0270	P	1.2
7	☐	1000.000	1013.166	268762.17	5.9586	P	0.2
8	☐	2000.000	1988.607	542649.57	11.6952	P	1.0
9	☐			2077.96	0.0445	P	3.0

$$y = 0.0059 * x + 1.0667E-004$$

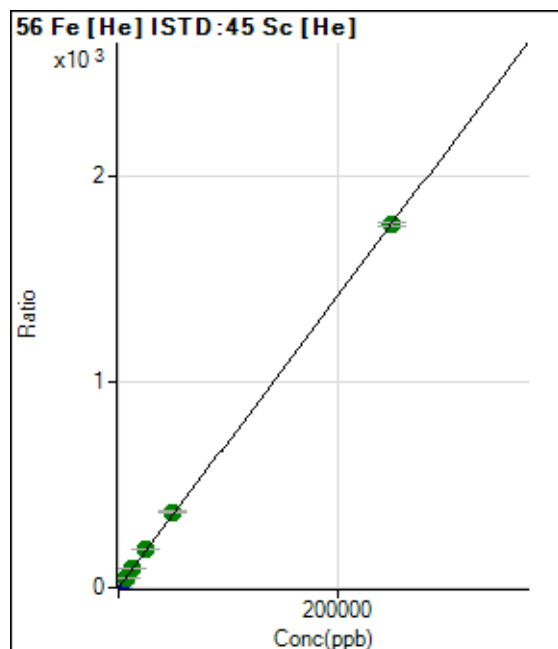
$$R = 0.9999$$

$$DL = 0.05006$$

$$BEC = 0.01814$$

Weight: <None>

Min Conc: 0



	R _{jc} t	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	918.57	0.0176	P	2.5
2	☐	5.000	5.197	2926.30	0.0542	P	2.6
3	☐	50.000	57.128	22283.96	0.4205	P	3.4
4	☐	2500.000	2786.205	1013961.69	19.6689	P	1.3
5	☐	6250.000	6693.537	2259401.73	47.2276	A	2.1
6	☐	12500.000	13352.790	4230972.81	94.1959	A	1.1
7	☐	25000.000	26270.169	8357980.57	185.3031	A	0.8
8	☐	50000.000	51756.424	16937109.1	365.0597	A	2.0
9	☐	250000.00	249465.10	82093484.2	1,759.514	A	1.0

$$y = 0.0071 * x + 0.0176$$

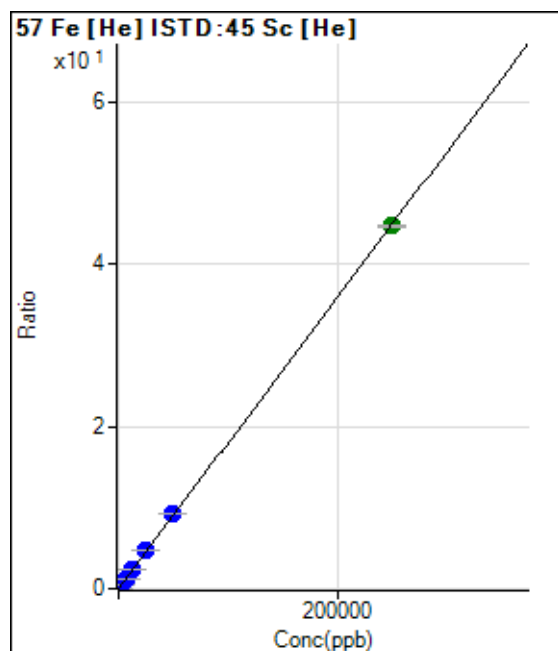
$$R = 1.0000$$

$$DL = 0.1901$$

$$BEC = 2.492$$

Weight: <None>

Min Conc: 0



	R _{jc} t	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	22.22	0.0004	P	49.9
2	☒	5.000		107.41	0.0020	P	5.4
3	☐	50.000	63.730	625.95	0.0118	P	16.1
4	☐	2500.000	2792.941	25793.42	0.5003	P	1.4
5	☐	6250.000	6690.098	57315.90	1.1979	P	0.6
6	☐	12500.000	13470.504	108318.89	2.4116	P	1.8
7	☐	25000.000	26337.973	212656.35	4.7148	P	1.0
8	☐	50000.000	51592.365	428499.25	9.2352	P	1.2
9	☐	250000.00	249485.27	2083571.97	44.6569	A	0.9

$$y = 1.7899E-004 * x + 4.2539E-004$$

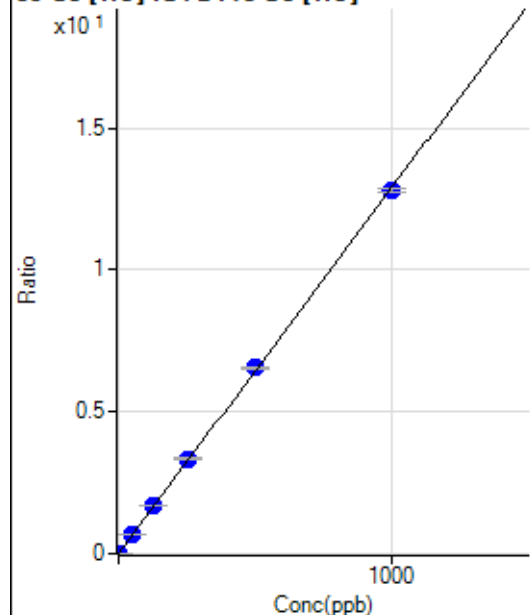
$$R = 1.0000$$

$$DL = 3.557$$

$$BEC = 2.377$$

Weight: <None>

Min Conc: 0

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

	R _{jc} t	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	7.78	0.0001	P	108.
2	☐	0.100	0.091	71.11	0.0013	P	11.5
3	☐	1.000	1.049	723.36	0.0137	P	6.8
4	☐	50.000	53.550	35562.05	0.6898	P	0.1
5	☐	125.000	131.192	80837.66	1.6897	P	1.8
6	☐	250.000	259.588	150165.64	3.3433	P	1.6
7	☐	500.000	508.871	295605.46	6.5537	P	0.8
8	☐	1000.000	992.216	592906.35	12.7785	P	1.1
9	☐			6881.71	0.1475	P	0.6

$$y = 0.0129 * x + 1.4972E-004$$

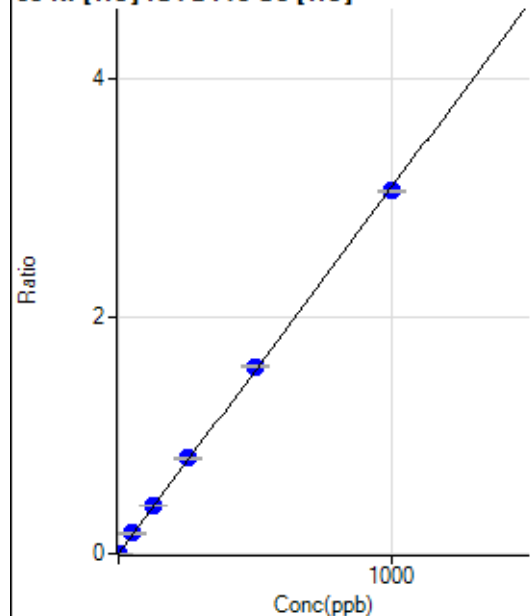
$$R = 0.9999$$

$$DL = 0.03777$$

$$BEC = 0.01163$$

Weight: <None>

Min Conc: 0

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

	R _{jc} t	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	10.00	0.0002	P	87.9
2	☐	0.100	0.125	31.11	0.0006	P	24.2
3	☐	1.000	0.995	173.34	0.0033	P	13.3
4	☐	50.000	55.128	8782.74	0.1704	P	4.5
5	☐	125.000	130.794	19325.14	0.4040	P	3.1
6	☐	250.000	261.981	36335.10	0.8090	P	1.8
7	☐	500.000	510.869	71143.65	1.5773	P	1.5
8	☐	1000.000	990.590	141908.11	3.0583	P	0.8
9	☐			2424.69	0.0520	P	1.4

$$y = 0.0031 * x + 1.9121E-004$$

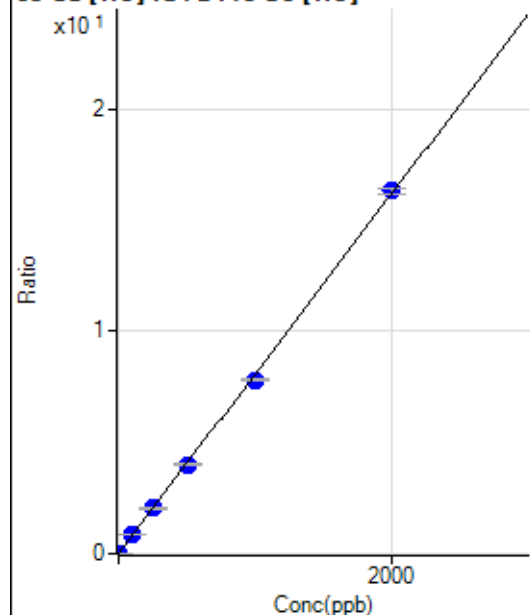
$$R = 0.9998$$

$$DL = 0.1632$$

$$BEC = 0.06194$$

Weight: <None>

Min Conc: 0

63 Cu [He] ISTD:45 Sc [He]

	R _{jc} t	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	76.67	0.0015	P	20.6
2	☐	0.200	0.251	188.89	0.0035	P	12.0
3	☐	2.000	2.057	960.04	0.0181	P	5.1
4	☐	100.000	102.291	42712.28	0.8285	P	1.1
5	☐	250.000	251.178	97226.85	2.0323	P	2.0
6	☐	500.000	495.337	179948.18	4.0064	P	1.8
7	☐	1000.000	967.165	352779.04	7.8213	P	0.7
8	☐	2000.000	2017.322	756851.26	16.3122	P	1.3
9	☐			990.05	0.0212	P	8.9

$$y = 0.0081 * x + 0.0015$$

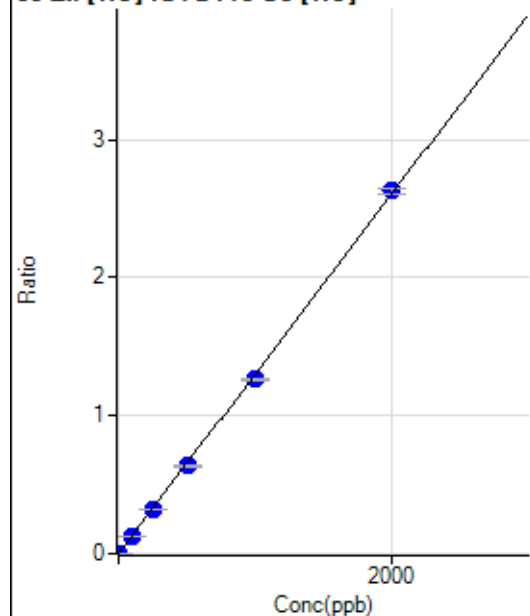
$$R = 0.9998$$

$$DL = 0.1122$$

$$BEC = 0.1816$$

Weight: <None>

Min Conc: 0

66 Zn [He] ISTD:45 Sc [He]

	R _{jc} t	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	45.56	0.0009	P	27.2
2	☒	0.200		51.11	0.0009	P	9.7
3	☐	2.000	1.828	172.22	0.0033	P	4.0
4	☐	100.000	98.669	6666.05	0.1293	P	1.8
5	☐	250.000	248.127	15492.82	0.3238	P	0.7
6	☐	500.000	487.293	28525.83	0.6351	P	1.5
7	☐	1000.000	969.211	56935.12	1.2623	P	1.3
8	☐	2000.000	2018.872	121955.90	2.6285	P	1.5
9	☐			1143.40	0.0245	P	2.7

$$y = 0.0013 * x + 8.7109E-004$$

$$R = 0.9998$$

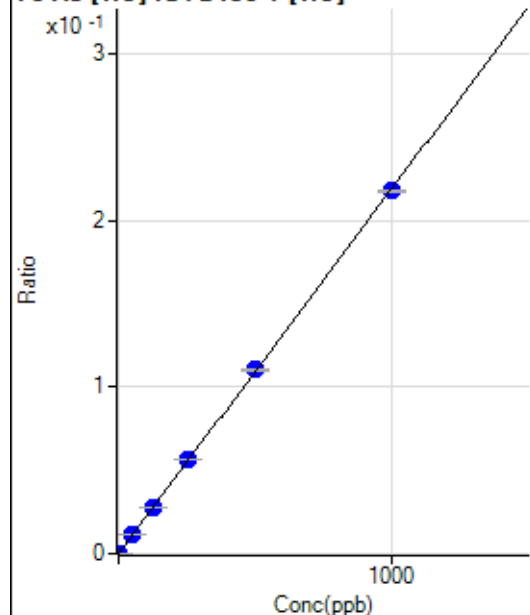
$$DL = 0.546$$

$$BEC = 0.6693$$

Weight: <None>

Min Conc: 0

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



	R _{jc} t	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	0.62	0.0000	P	173.
2	☒	0.100		7.41	0.0000	P	24.9
3	☐	1.000	1.028	45.06	0.0002	P	23.0
4	☐	50.000	53.422	2280.44	0.0117	P	5.0
5	☐	125.000	127.351	5121.31	0.0278	P	2.2
6	☐	250.000	257.805	9753.33	0.0563	P	1.4
7	☐	500.000	504.549	19270.83	0.1103	P	1.1
8	☐	1000.000	995.309	39186.54	0.2175	P	0.5
9	☐			48.77	0.0003	P	4.4

$$y = 2.1855E-004 * x + 3.1003E-006$$

$$R = 1.0000$$

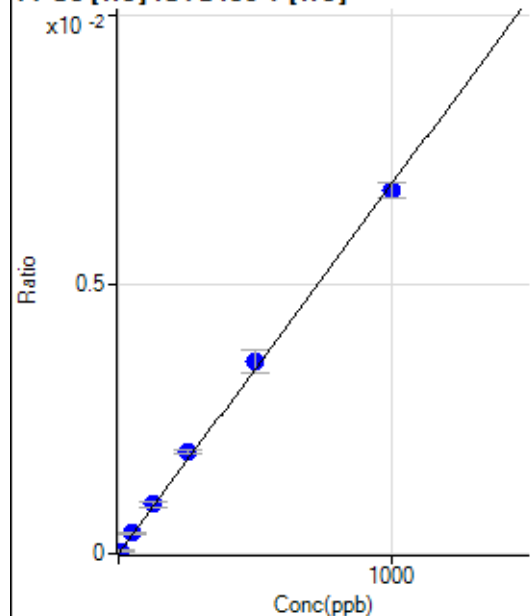
$$DL = 0.07371$$

$$BEC = 0.01419$$

Weight: <None>

Min Conc: 0

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



	R _{jc} t	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	0.00	0.0000	P	
2	☒	0.500		0.00	0.0000	P	
3	☐	5.000	6.623	8.89	0.0000	P	80.1
4	☐	50.000	54.690	73.33	0.0004	P	7.6
5	☐	125.000	132.902	167.78	0.0009	P	14.1
6	☐	250.000	274.919	326.68	0.0019	P	2.8
7	☐	500.000	520.919	625.58	0.0036	P	12.2
8	☐	1000.000	982.081	1214.51	0.0067	P	4.1
9	☐			2.22	0.0000	P	173.

$$y = 6.8655E-006 * x + 0.0000E+000$$

$$R = 0.9993$$

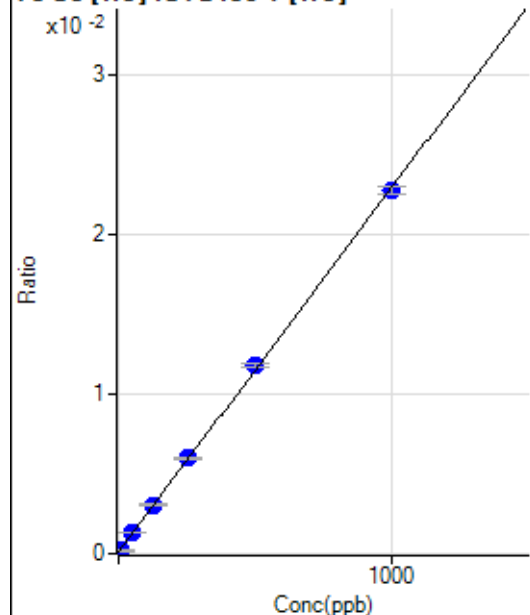
$$DL = 0$$

$$BEC = 0$$

Weight: <None>

Min Conc: 0

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



	R _{jc} t	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	20.99	0.0001	P	35.8
2	☒	0.500		17.28	0.0001	P	33.9
3	☐	5.000	3.764	38.27	0.0002	P	18.7
4	☐	50.000	53.491	259.26	0.0013	P	7.2
5	☐	125.000	129.046	561.74	0.0031	P	3.5
6	☐	250.000	257.962	1038.32	0.0060	P	1.6
7	☐	500.000	511.263	2059.43	0.0118	P	2.2
8	☐	1000.000	991.704	4099.38	0.0228	P	2.1
9	☐			14.81	0.0001	P	43.0

$$y = 2.2841\text{E-}005 * x + 1.0596\text{E-}004$$

$$R = 0.9999$$

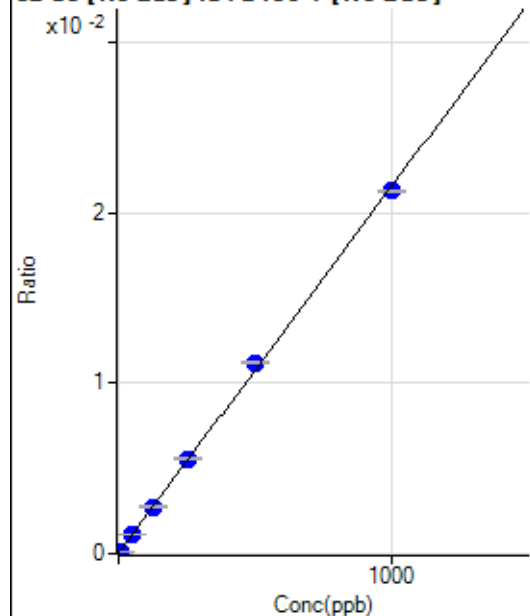
$$DL = 4.979$$

$$BEC = 4.639$$

Weight: <None>

Min Conc: 0

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



	R _{jc} t	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	38.27	0.0000	P	4.8
2	☒	0.500		44.56	0.0000	P	30.8
3	☐	5.000	4.644	171.61	0.0001	P	6.5
4	☐	50.000	51.557	1524.95	0.0011	P	1.8
5	☐	125.000	126.886	3673.71	0.0028	P	0.8
6	☐	250.000	256.652	7019.08	0.0055	P	2.2
7	☐	500.000	519.501	13978.01	0.0112	P	1.0
8	☐	1000.000	988.275	26992.30	0.0213	P	0.7
9	☐			41.07	0.0000	P	25.1

$$y = 2.1495\text{E-}005 * x + 2.8323\text{E-}005$$

$$R = 0.9997$$

$$DL = 0.1887$$

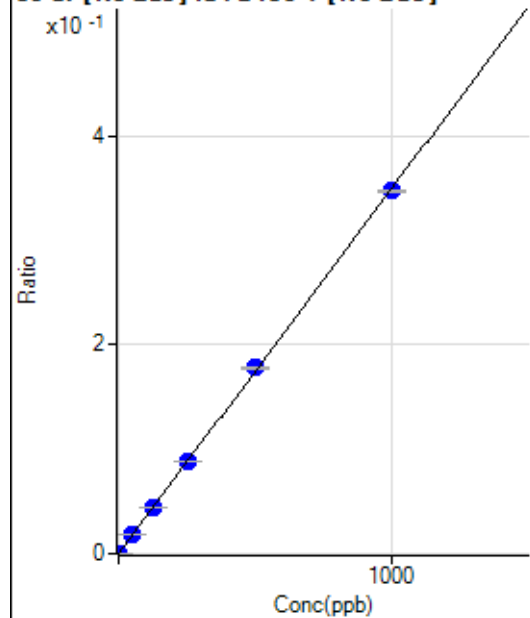
$$BEC = 1.318$$

Weight: <None>

Min Conc: 0

83 Kr [No Gas] No available calibration points

	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐			44.45		P	15.6
2	☐			45.56		P	30.5
3	☐			44.45		P	24.1
4	☐			53.33		P	22.5
5	☐			47.78		P	24.5
6	☐			41.11		P	20.4
7	☐			44.44		P	11.5
8	☐			41.11		P	4.7
9	☐			40.00		P	22.0

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

	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	83.34	0.0001	P	26.1
2	☐	0.100	0.125	141.67	0.0001	P	15.1
3	☐	1.000	0.946	525.03	0.0004	P	7.2
4	☐	50.000	51.901	24429.90	0.0182	P	2.6
5	☐	125.000	126.507	59024.81	0.0443	P	0.9
6	☐	250.000	252.988	112011.79	0.0885	P	1.1
7	☐	500.000	508.805	222128.93	0.1779	P	0.1
8	☐	1000.000	994.567	441195.97	0.3477	P	0.6
9	☐			1816.87	0.0015	P	11.1

$$y = 3.4953E-004 * x + 6.1642E-005$$

$$R = 0.9999$$

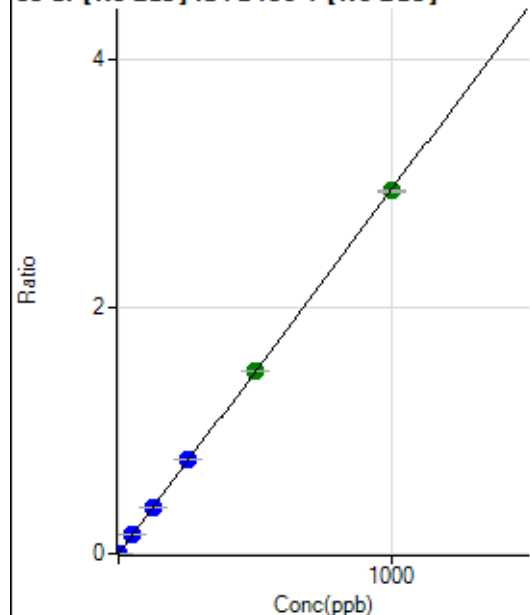
$$DL = 0.1382$$

$$BEC = 0.1764$$

Weight: <None>

Min Conc: 0

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



	R _{jc} t	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	11.11	0.0000	P	43.4
2	☐	0.100	0.116	469.47	0.0003	P	5.8
3	☐	1.000	1.024	4059.08	0.0030	P	7.5
4	☐	50.000	52.316	207241.13	0.1544	P	0.7
5	☐	125.000	127.670	502445.96	0.3769	P	0.8
6	☐	250.000	257.928	963821.37	0.7614	P	0.4
7	☐	500.000	502.152	1850898.07	1.4824	A	0.1
8	☐	1000.000	996.492	3732837.28	2.9417	A	0.5
9	☐			14655.25	0.0124	P	3.0

$$y = 0.0030 * x + 8.2256E-006$$

$$R = 1.0000$$

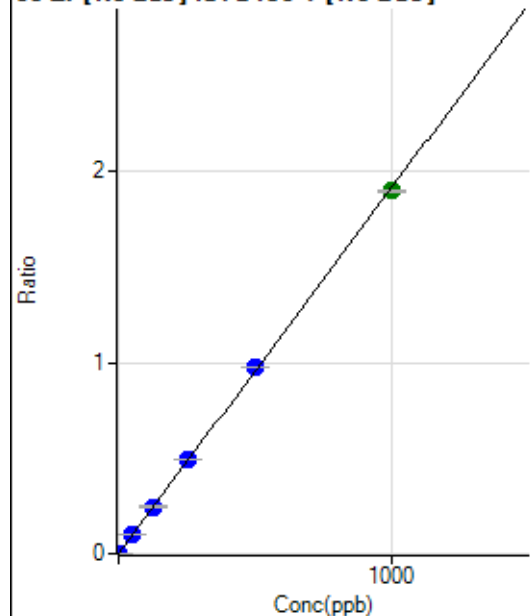
$$DL = 0.003629$$

$$BEC = 0.002786$$

Weight: <None>

Min Conc: 0

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



	R _{jc} t	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	138.90	0.0001	P	16.7
2	☐	0.100	0.087	361.13	0.0003	P	10.9
3	☐	1.000	0.923	2505.89	0.0019	P	0.9
4	☐	50.000	51.859	133506.71	0.0995	P	1.4
5	☐	125.000	128.485	328360.70	0.2463	P	0.6
6	☐	250.000	258.392	626948.08	0.4953	P	0.3
7	☐	500.000	511.093	1223093.67	0.9796	P	0.3
8	☐	1000.000	991.827	2412059.88	1.9008	A	0.8
9	☐			622.26	0.0005	P	11.6

$$y = 0.0019 * x + 1.0275E-004$$

$$R = 0.9999$$

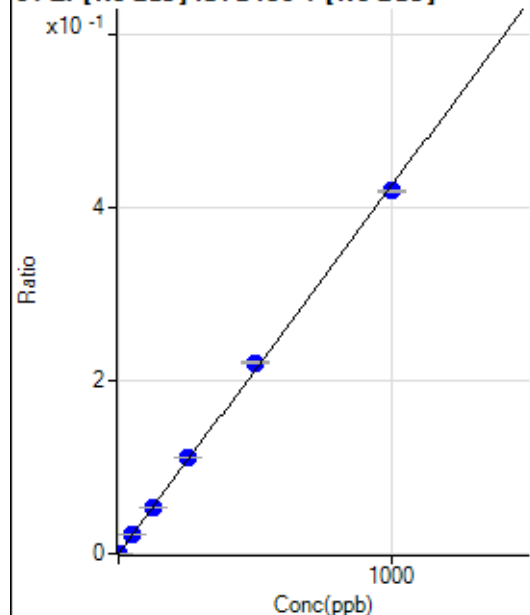
$$DL = 0.02685$$

$$BEC = 0.05362$$

Weight: <None>

Min Conc: 0

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



	R _{jc} t	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	44.45	0.0000	P	29.3
2	☐	0.100	0.073	86.12	0.0001	P	48.4
3	☐	1.000	0.817	508.36	0.0004	P	10.3
4	☐	50.000	52.849	30143.70	0.0225	P	1.1
5	☐	125.000	127.731	72308.02	0.0542	P	0.3
6	☐	250.000	260.876	140188.39	0.1107	P	0.9
7	☐	500.000	520.210	275704.95	0.2208	P	0.8
8	☐	1000.000	986.692	531420.25	0.4188	P	0.5
9	☐			172.23	0.0001	P	15.9

$$y = 4.2440\text{E-}004 * x + 3.2941\text{E-}005$$

$$R = 0.9996$$

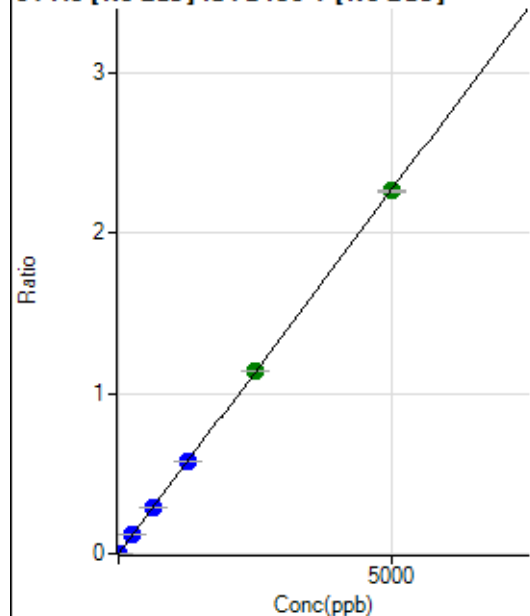
$$DL = 0.06813$$

$$BEC = 0.07762$$

Weight: <None>

Min Conc: 0

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



	R _{jc} t	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	44.44	0.0000	P	75.8
2	☐	0.500	0.405	291.68	0.0002	P	12.7
3	☐	5.000	4.803	2964.31	0.0022	P	4.9
4	☐	250.000	260.566	158798.25	0.1183	P	1.2
5	☐	625.000	628.694	380585.50	0.2855	P	0.5
6	☐	1250.000	1273.361	731938.89	0.5782	P	0.4
7	☐	2500.000	2510.214	1423221.17	1.1398	A	0.6
8	☐	5000.000	4988.063	2874133.24	2.2650	A	0.4
9	☐			1236.21	0.0010	P	3.6

$$y = 4.5407\text{E-}004 * x + 3.2842\text{E-}005$$

$$R = 1.0000$$

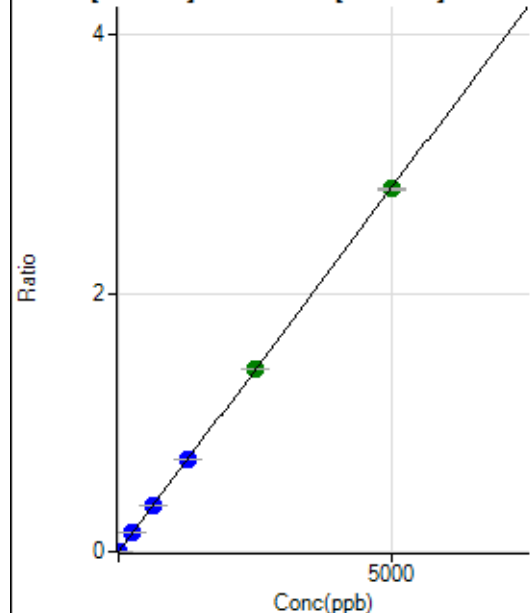
$$DL = 0.1646$$

$$BEC = 0.07233$$

Weight: <None>

Min Conc: 0

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



	R _{jc} t	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	11.11	0.0000	P	86.6
2	☐	0.500	0.492	383.35	0.0003	P	26.0
3	☐	5.000	4.905	3708.97	0.0028	P	4.7
4	☐	250.000	259.698	196242.91	0.1463	P	1.6
5	☐	625.000	628.804	472066.42	0.3541	P	0.3
6	☐	1250.000	1268.087	903967.55	0.7141	P	0.1
7	☐	2500.000	2518.402	1770822.52	1.4182	A	0.2
8	☐	5000.000	4985.317	3562548.04	2.8075	A	0.5
9	☐			1686.29	0.0014	P	3.2

$$y = 5.6315\text{E-}004 * x + 8.2240\text{E-}006$$

$$R = 1.0000$$

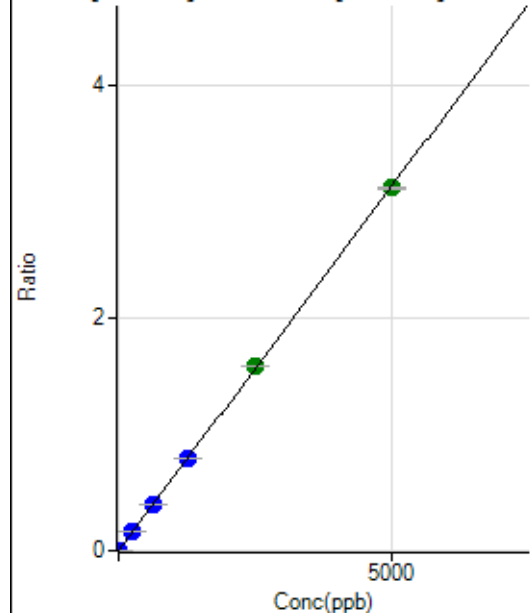
$$DL = 0.03794$$

$$BEC = 0.0146$$

Weight: <None>

Min Conc: 0

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



	R _{jc} t	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	19.44	0.0000	P	89.4
2	☐	0.500	0.452	400.02	0.0003	P	4.6
3	☐	5.000	4.736	3989.60	0.0030	P	5.2
4	☐	250.000	259.285	217867.59	0.1624	P	1.6
5	☐	625.000	630.742	526525.03	0.3950	P	0.7
6	☐	1250.000	1273.762	1009670.64	0.7976	P	0.4
7	☐	2500.000	2523.656	1973186.94	1.5803	A	0.1
8	☐	5000.000	4981.050	3958009.42	3.1191	A	0.5
9	☐			2889.30	0.0024	P	4.6

$$y = 6.2619\text{E-}004 * x + 1.4401\text{E-}005$$

$$R = 1.0000$$

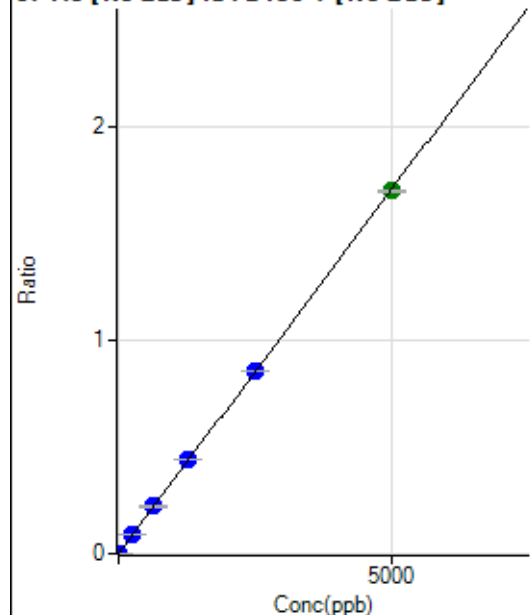
$$DL = 0.06171$$

$$BEC = 0.023$$

Weight: <None>

Min Conc: 0

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



	R _{jc} t	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	8.33	0.0000	P	99.8
2	☐	0.500	0.460	219.45	0.0002	P	18.4
3	☐	5.000	5.034	2308.60	0.0017	P	6.1
4	☐	250.000	268.284	122873.06	0.0916	P	1.0
5	☐	625.000	646.861	294300.54	0.2208	P	0.9
6	☐	1250.000	1295.376	559644.18	0.4421	P	0.4
7	☐	2500.000	2507.972	1068775.52	0.8560	P	0.4
8	☐	5000.000	4981.023	2157264.20	1.7000	A	0.7
9	☐			997.29	0.0008	P	2.6

$$y = 3.4130E-004 * x + 6.1839E-006$$

$$R = 0.9999$$

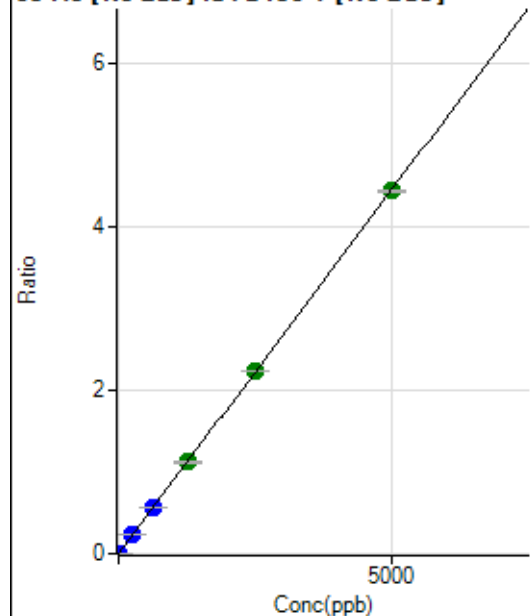
$$DL = 0.05427$$

$$BEC = 0.01812$$

Weight: <None>

Min Conc: 0

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



	R _{jc} t	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	2.78	0.0000	P	173.
2	☐	0.500	0.506	608.37	0.0005	P	3.5
3	☐	5.000	4.902	5848.67	0.0044	P	5.0
4	☐	250.000	259.281	309856.51	0.2309	P	1.3
5	☐	625.000	632.198	750543.16	0.5631	P	1.0
6	☐	1250.000	1257.520	1417716.02	1.1200	A	0.4
7	☐	2500.000	2515.746	2797634.44	2.2406	A	0.4
8	☐	5000.000	4988.883	5638268.66	4.4433	A	0.6
9	☐			2694.81	0.0023	P	3.1

$$y = 8.9064E-004 * x + 2.0417E-006$$

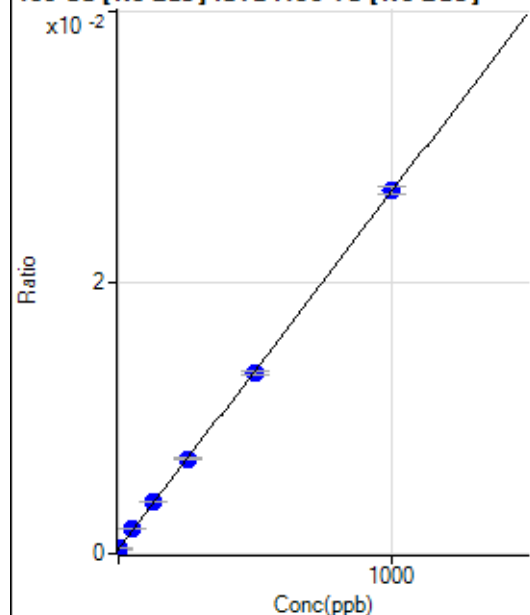
$$R = 1.0000$$

$$DL = 0.01191$$

$$BEC = 0.002292$$

Weight: <None>

Min Conc: 0

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

	R _{jc} t	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	447.25	0.0003	P	11.6
2	☐	0.100	1.157	475.03	0.0004	P	4.3
3	☐	1.000	4.082	566.70	0.0005	P	10.9
4	☐	50.000	57.383	2311.39	0.0019	P	1.6
5	☐	125.000	130.592	4734.31	0.0038	P	0.9
6	☐	250.000	250.781	8627.97	0.0070	P	1.9
7	☐	500.000	493.106	16907.87	0.0134	P	2.4
8	☐	1000.000	1002.180	34729.53	0.0268	P	2.2
9	☐			436.14	0.0004	P	12.3

$$y = 2.6371\text{E-}005 * x + 3.4879\text{E-}004$$

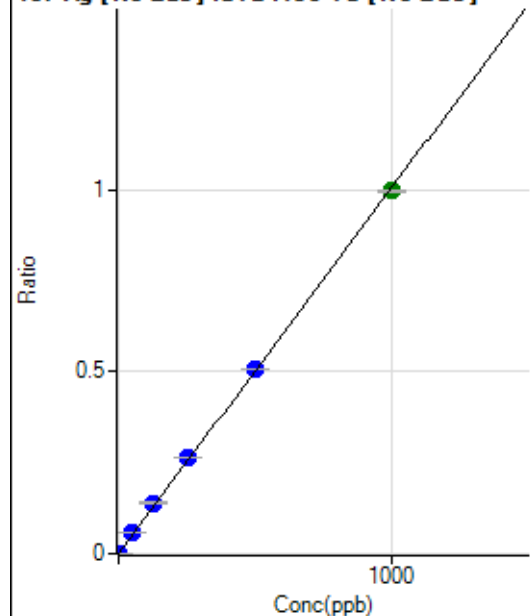
$$R = 0.9999$$

$$DL = 4.609$$

$$BEC = 13.23$$

Weight: <None>

Min Conc: 0

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

	R _{jc} t	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	5.56	0.0000	P	173.
2	☐	0.100	0.113	147.23	0.0001	P	27.6
3	☐	1.000	1.046	1311.23	0.0011	P	9.1
4	☐	50.000	57.018	71123.31	0.0573	P	1.7
5	☐	125.000	138.364	173563.35	0.1390	P	1.4
6	☐	250.000	263.724	328405.38	0.2650	P	0.7
7	☐	500.000	505.152	642726.50	0.5076	P	0.5
8	☐	1000.000	991.972	1292828.66	0.9967	A	0.3
9	☐			75.00	0.0001	P	22.6

$$y = 0.0010 * x + 4.3977\text{E-}006$$

$$R = 0.9998$$

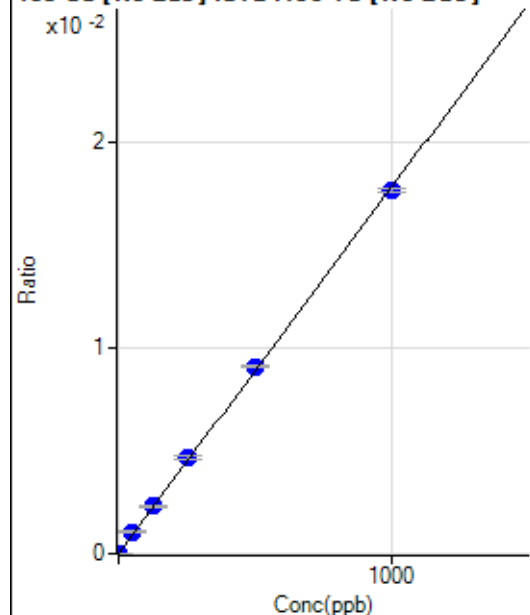
$$DL = 0.02274$$

$$BEC = 0.004377$$

Weight: <None>

Min Conc: 0

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



	R _{jc} t	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	2.78	0.0000	P	86.6
2	☒	0.100		2.78	0.0000	P	86.6
3	☐	1.000	1.196	29.17	0.0000	P	25.2
4	☐	50.000	58.259	1291.75	0.0010	P	6.8
5	☐	125.000	129.870	2892.02	0.0023	P	4.6
6	☐	250.000	262.976	5811.02	0.0047	P	3.3
7	☐	500.000	510.625	11527.08	0.0091	P	1.2
8	☐	1000.000	990.422	22899.35	0.0177	P	1.2
9	☐			1.39	0.0000	P	173.

$$y = 1.7824\text{E-}005 * x + 2.1762\text{E-}006$$

$$R = 0.9998$$

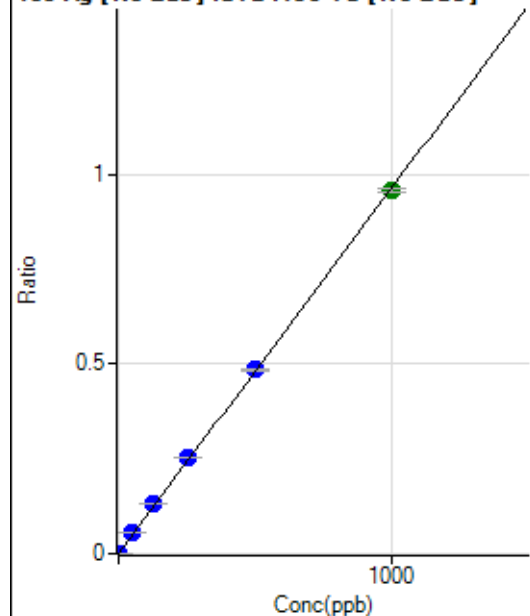
$$DL = 0.3173$$

$$BEC = 0.1221$$

Weight: <None>

Min Conc: 0

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



	R _{jc} t	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	8.33	0.0000	P	99.4
2	☐	0.100	0.076	100.00	0.0001	P	43.7
3	☐	1.000	1.058	1272.34	0.0010	P	3.6
4	☐	50.000	57.358	68491.81	0.0552	P	1.2
5	☐	125.000	137.643	165283.61	0.1324	P	1.3
6	☐	250.000	263.623	314259.89	0.2536	P	0.7
7	☐	500.000	502.932	612543.72	0.4838	P	1.3
8	☐	1000.000	993.180	1239058.74	0.9553	A	1.0
9	☐			75.00	0.0001	P	0.5

$$y = 9.6186\text{E-}004 * x + 6.5073\text{E-}006$$

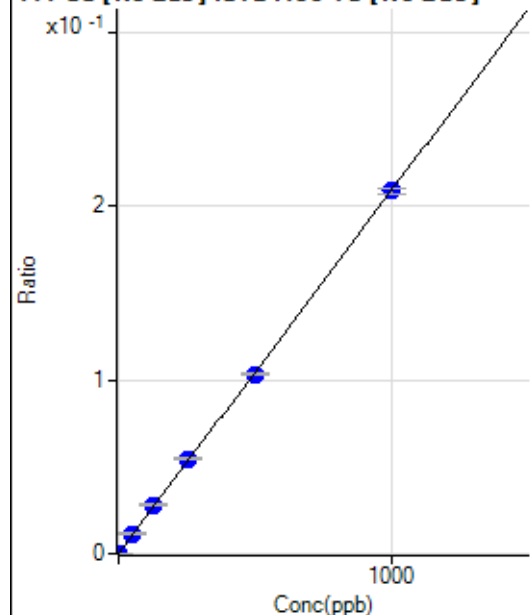
$$R = 0.9998$$

$$DL = 0.02016$$

$$BEC = 0.006765$$

Weight: <None>

Min Conc: 0

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

	R _{jc} t	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	90.28	0.0001	P	14.4
2	☒	0.100		136.11	0.0001	P	4.6
3	☐	1.000	1.184	394.32	0.0003	P	11.6
4	☐	50.000	55.106	14361.86	0.0116	P	1.7
5	☐	125.000	134.410	35100.90	0.0281	P	1.4
6	☐	250.000	260.041	67331.46	0.0543	P	2.3
7	☐	500.000	494.238	130680.66	0.1032	P	1.6
8	☐	1000.000	998.939	270462.96	0.2085	P	1.5
9	☐			105.70	0.0001	P	18.8

$$y = 2.0867\text{E-}004 * x + 7.0410\text{E-}005$$

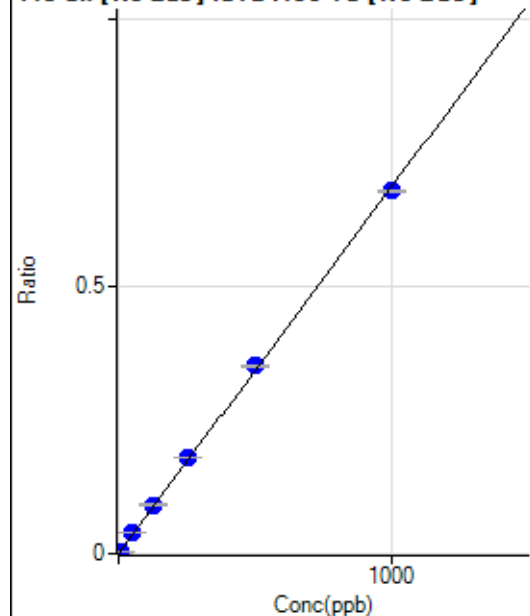
$$R = 0.9999$$

$$DL = 0.1455$$

$$BEC = 0.3374$$

Weight: <None>

Min Conc: 0

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

	R _{jc} t	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	61.11	0.0000	P	16.4
2	☐	0.500	0.562	541.70	0.0004	P	15.8
3	☐	5.000	5.539	4773.25	0.0038	P	6.1
4	☐	50.000	55.484	47247.18	0.0381	P	0.3
5	☐	125.000	133.577	114304.82	0.0916	P	1.4
6	☐	250.000	263.198	223541.74	0.1804	P	1.1
7	☐	500.000	512.060	444287.94	0.3509	P	1.1
8	☐	1000.000	989.322	879240.09	0.6779	P	0.8
9	☐			366.68	0.0003	P	39.8

$$y = 6.8513\text{E-}004 * x + 4.7727\text{E-}005$$

$$R = 0.9998$$

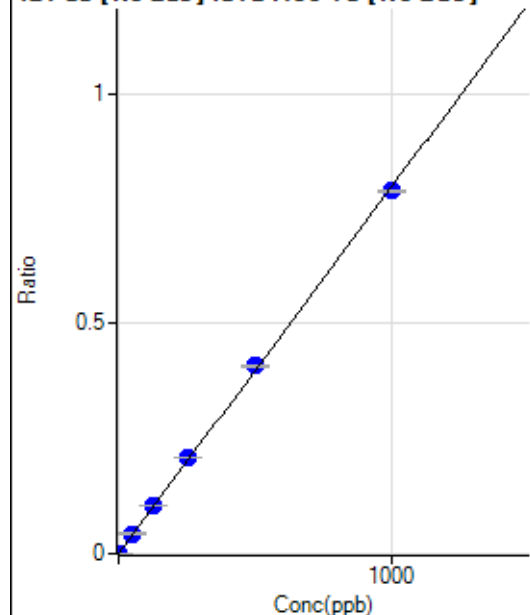
$$DL = 0.03428$$

$$BEC = 0.06966$$

Weight: <None>

Min Conc: 0

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



	R _{jc} t	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	13.89	0.0000	P	92.2
2	☐	0.200	0.181	194.45	0.0002	P	30.2
3	☐	2.000	1.918	1911.33	0.0015	P	9.8
4	☐	50.000	54.996	54392.39	0.0438	P	0.9
5	☐	125.000	131.581	130854.42	0.1048	P	1.6
6	☐	250.000	263.007	259648.64	0.2095	P	0.3
7	☐	500.000	512.142	516564.16	0.4079	P	0.5
8	☐	1000.000	989.605	1022412.52	0.7883	P	0.7
9	☐			1477.92	0.0013	P	6.6

$$y = 7.9653\text{E-}004 * x + 1.0897\text{E-}005$$

$$R = 0.9998$$

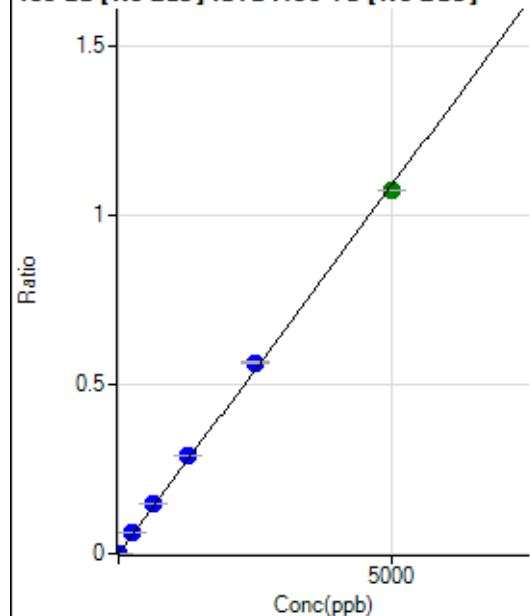
$$DL = 0.03783$$

$$BEC = 0.01368$$

Weight: <None>

Min Conc: 0

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



	R _{jc} t	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	2.78	0.0000	P	173.
2	☐	1.000	0.938	258.35	0.0002	P	18.7
3	☐	10.000	11.466	3103.27	0.0025	P	0.3
4	☐	250.000	276.365	74704.12	0.0602	P	1.4
5	☐	625.000	674.409	183326.16	0.1469	P	0.4
6	☐	1250.000	1326.751	358047.36	0.2889	P	0.8
7	☐	2500.000	2590.335	714229.87	0.5641	P	0.7
8	☐	5000.000	4928.148	1391897.30	1.0731	A	0.2
9	☐			144.45	0.0001	P	9.3

$$y = 2.1775\text{E-}004 * x + 2.1975\text{E-}006$$

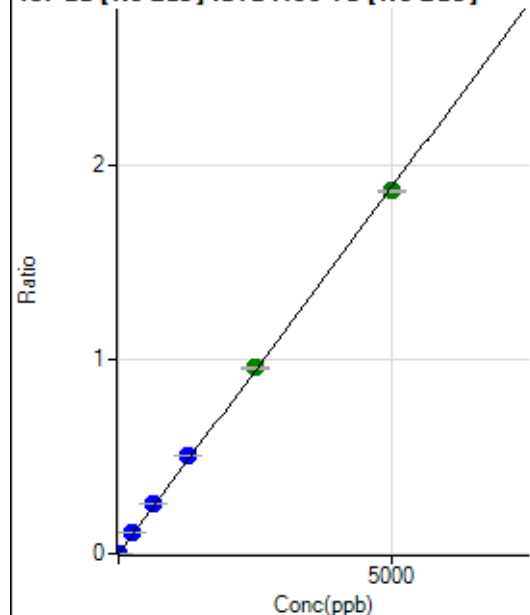
$$R = 0.9996$$

$$DL = 0.05244$$

$$BEC = 0.01009$$

Weight: <None>

Min Conc: 0

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

	R _{jt}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	2.78	0.0000	P	173.
2	☐	1.000	0.920	436.14	0.0003	P	21.7
3	☐	10.000	10.456	4892.76	0.0039	P	4.1
4	☐	250.000	277.992	129942.31	0.1047	P	0.9
5	☐	625.000	680.063	319673.52	0.2561	P	0.6
6	☐	1250.000	1334.601	622798.67	0.5025	P	0.7
7	☐	2500.000	2535.409	1208893.49	0.9547	A	0.4
8	☐	5000.000	4952.862	2418983.63	1.8650	A	0.6
9	☐			255.57	0.0002	P	13.7

$$y = 3.7655E-004 * x + 2.1536E-006$$

$$R = 0.9998$$

$$DL = 0.02972$$

$$BEC = 0.005719$$

Weight: <None>

Min Conc: 0

150 Nd [No Gas] No available calibration points

	R _{jt}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐			0.00		P	
2	☐			0.00		P	
3	☐			2.22		P	173.
4	☐			13.33		P	50.0
5	☐			17.78		P	57.3
6	☐			20.00		P	66.7
7	☐			51.11		P	41.9
8	☐			106.67		P	37.5
9	☐			26.66		P	43.3

150 Nd [He] No available calibration points

	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐			1.11		P	173.
2	☐			0.00		P	
3	☐			1.11		P	173.
4	☐			0.00		P	
5	☐			4.45		P	86.6
6	☐			5.56		P	34.7
7	☐			6.67		P	86.6
8	☐			20.00		P	16.7
9	☐			8.89		P	21.6

156 Dy [No Gas] No available calibration points

	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐			2.78		P	173.
2	☐			0.00		P	
3	☐			0.00		P	
4	☐			2.78		P	173.
5	☐			5.55		P	86.6
6	☐			0.00		P	
7	☐			8.33		P	100.
8	☐			36.11		P	35.3
9	☐			8.33		P	100.

156 Dy [He] No available calibration points

	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐			1.11		P	173.
2	☐			0.00		P	
3	☐			0.00		P	
4	☐			4.44		P	43.4
5	☐			5.56		P	34.7
6	☐			6.66		P	86.6
7	☐			16.67		P	40.0
8	☐			27.78		P	25.0
9	☐			3.33		P	0.0

160 Gd [No Gas] Noavailable calibration poin_

	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐			8.33		P	173.
2	☐			8.33		P	100.
3	☐			2.78		P	173.
4	☐			13.89		P	34.7
5	☐			11.11		P	43.3
6	☐			8.33		P	100.
7	☐			13.89		P	34.7
8	☐			11.11		P	43.3
9	☐			8.33		P	100.

160 Gd [He] No available calibration points

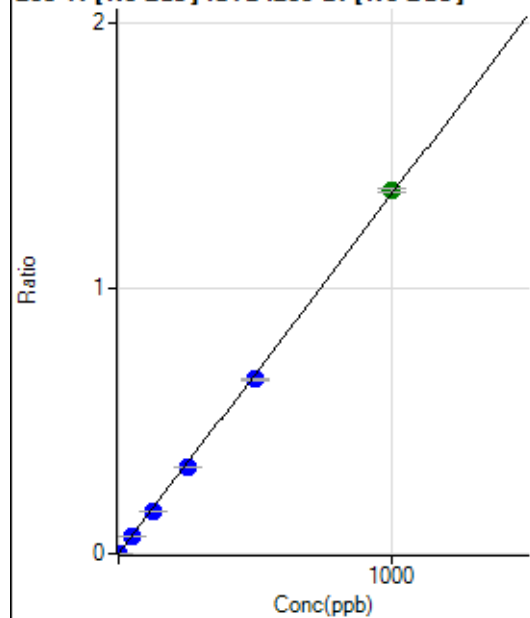
	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐			25.56		P	84.9
2	☐			28.89		P	24.0
3	☐			36.67		P	15.7
4	☐			16.67		P	20.0
5	☐			16.67		P	34.6
6	☐			13.33		P	66.1
7	☐			20.00		P	33.4
8	☐			28.89		P	24.0
9	☐			22.22		P	31.2

164 Er [No Gas] No available calibration points

	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐			11.11		P	43.3
2	☐			5.55		P	86.6
3	☐			8.33		P	100.
4	☐			2.78		P	173.
5	☐			2.78		P	173.
6	☐			0.00		P	
7	☐			2.78		P	173.
8	☐			2.78		P	173.
9	☐			8.33		P	100.

164 Er [He] No available calibration points

	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐			0.00		P	
2	☐			3.33		P	0.0
3	☐			1.11		P	173.
4	☐			3.33		P	100.
5	☐			1.11		P	173.
6	☐			1.11		P	173.
7	☐			2.22		P	86.6
8	☐			2.22		P	86.6
9	☐			5.55		P	69.3

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

	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	36.11	0.0001	P	48.2
2	☐	0.100	0.099	130.56	0.0002	P	21.1
3	☐	1.000	0.944	922.30	0.0013	P	7.7
4	☐	50.000	48.460	45757.38	0.0656	P	0.3
5	☐	125.000	117.891	113602.36	0.1596	P	0.9
6	☐	250.000	243.406	233216.85	0.3295	P	0.1
7	☐	500.000	485.024	471971.50	0.6566	P	0.6
8	☐	1000.000	1010.102	951482.68	1.3674	A	0.9
9	☐			213.90	0.0004	P	25.6

$$y = 0.0014 * x + 5.2003E-005$$

$$R = 0.9998$$

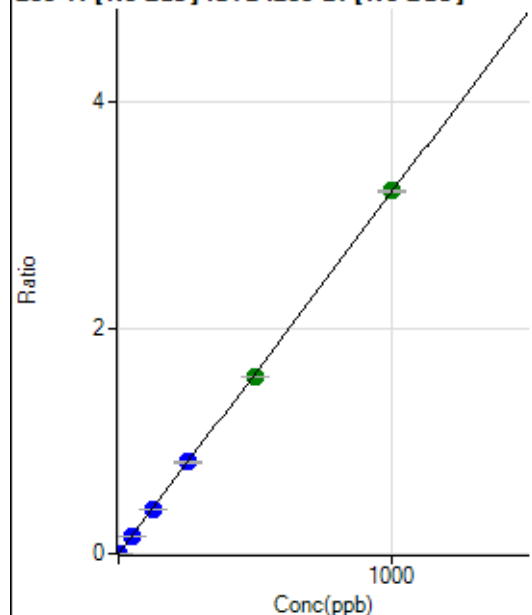
$$DL = 0.05559$$

$$BEC = 0.03842$$

Weight: <None>

Min Conc: 0

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



	R _{jc} t	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	52.78	0.0001	P	33.5
2	☐	0.100	0.110	300.01	0.0004	P	18.8
3	☐	1.000	0.899	2047.48	0.0030	P	5.6
4	☐	50.000	49.082	109443.86	0.1570	P	1.5
5	☐	125.000	122.270	278285.67	0.3911	P	1.3
6	☐	250.000	253.108	572860.97	0.8094	P	0.3
7	☐	500.000	490.355	1127150.69	1.5681	A	0.0
8	☐	1000.000	1004.433	2235047.64	3.2120	A	0.2
9	☐			502.81	0.0009	P	10.6

$$y = 0.0032 * x + 7.6005E-005$$

$$R = 0.9999$$

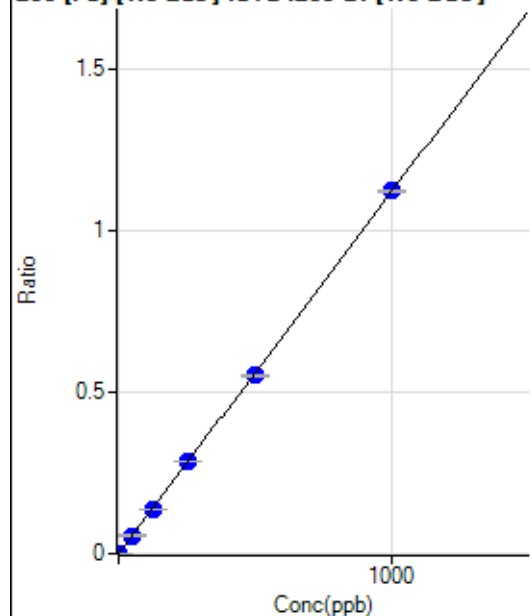
$$DL = 0.02387$$

$$BEC = 0.02377$$

Weight: <None>

Min Conc: 0

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



	R _{jc} t	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	37.04	0.0001	P	16.7
2	☐	0.100	0.080	100.00	0.0001	P	37.0
3	☐	1.000	0.855	700.04	0.0010	P	13.2
4	☐	50.000	50.287	39221.40	0.0563	P	1.7
5	☐	125.000	122.693	97652.76	0.1372	P	1.8
6	☐	250.000	254.518	201419.48	0.2846	P	0.4
7	☐	500.000	491.924	395366.18	0.5500	P	0.5
8	☐	1000.000	1003.183	780489.23	1.1216	P	0.6
9	☐			514.84	0.0009	P	7.7

$$y = 0.0011 * x + 5.3213E-005$$

$$R = 0.9999$$

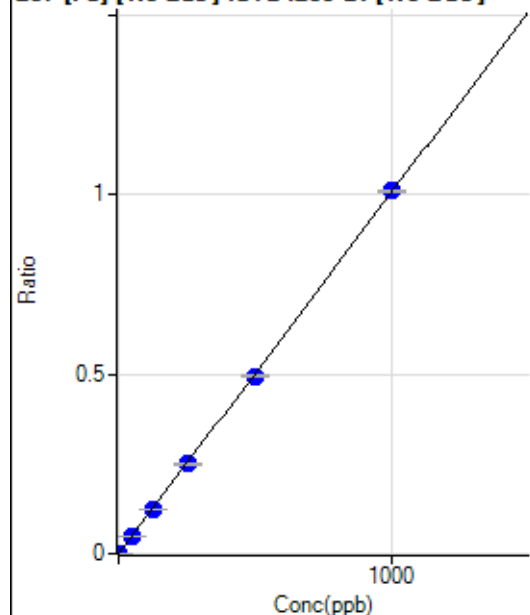
$$DL = 0.02381$$

$$BEC = 0.0476$$

Weight: <None>

Min Conc: 0

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



	R _{jc} t	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	33.33	0.0000	P	73.4
2	☐	0.100	0.110	111.12	0.0002	P	10.7
3	☐	1.000	0.952	698.19	0.0010	P	10.5
4	☐	50.000	49.801	34950.12	0.0501	P	1.4
5	☐	125.000	121.027	86679.22	0.1218	P	0.7
6	☐	250.000	248.106	176662.79	0.2496	P	0.9
7	☐	500.000	492.348	356046.78	0.4953	P	0.7
8	☐	1000.000	1004.806	703393.03	1.0108	P	0.4
9	☐			435.20	0.0007	P	2.9

$$y = 0.0010 * x + 4.8100E-005$$

$$R = 1.0000$$

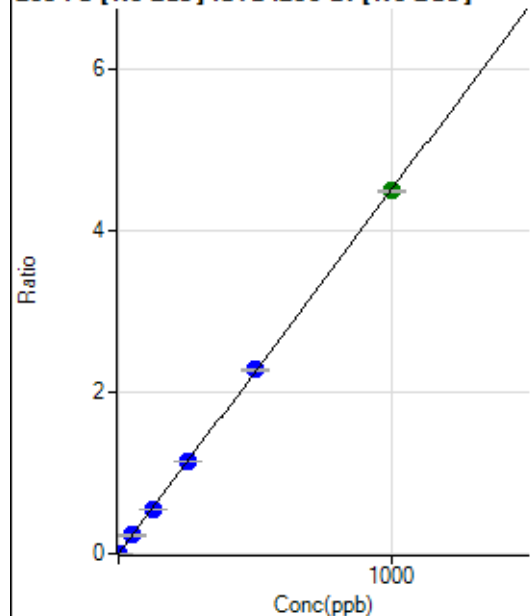
$$DL = 0.1053$$

$$BEC = 0.04782$$

Weight: <None>

Min Conc: 0

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



	R _{jc} t	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	133.33	0.0002	P	22.9
2	☐	0.100	0.096	437.05	0.0006	P	20.9
3	☐	1.000	0.928	3035.42	0.0044	P	4.4
4	☐	50.000	50.284	158202.85	0.2270	P	1.1
5	☐	125.000	123.307	395923.01	0.5563	P	0.2
6	☐	250.000	254.098	811189.75	1.1462	P	0.7
7	☐	500.000	504.954	1637205.83	2.2777	P	0.5
8	☐	1000.000	996.696	3128230.91	4.4955	A	0.5
9	☐			2105.68	0.0036	P	6.8

$$y = 0.0045 * x + 1.9192E-004$$

$$R = 1.0000$$

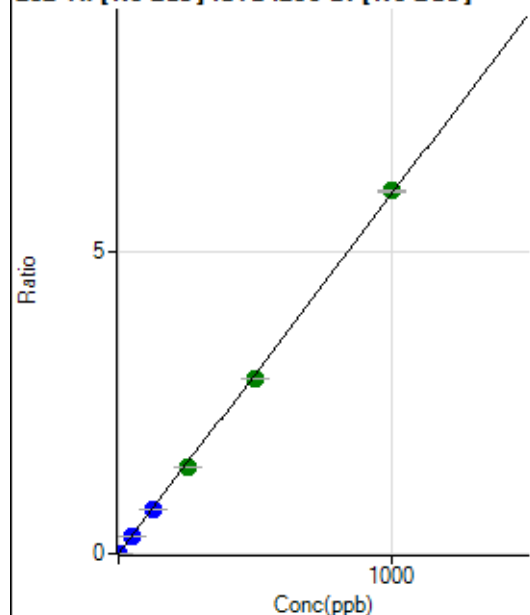
$$DL = 0.02917$$

$$BEC = 0.04255$$

Weight: <None>

Min Conc: 0

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



	R _{jc} t	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	14.82	0.0000	P	22.2
2	☐	0.100	0.085	368.54	0.0005	P	5.4
3	☐	1.000	0.866	3580.23	0.0052	P	2.4
4	☐	50.000	47.779	197739.53	0.2837	P	0.7
5	☐	125.000	120.988	511241.06	0.7184	P	0.5
6	☐	250.000	242.066	1017176.49	1.4373	A	0.2
7	☐	500.000	486.763	2077435.64	2.8902	A	0.9
8	☐	1000.000	1009.215	4169669.51	5.9922	A	0.4
9	☐			1155.64	0.0020	P	21.5

$$y = 0.0059 * x + 2.1322E-005$$

$$R = 0.9998$$

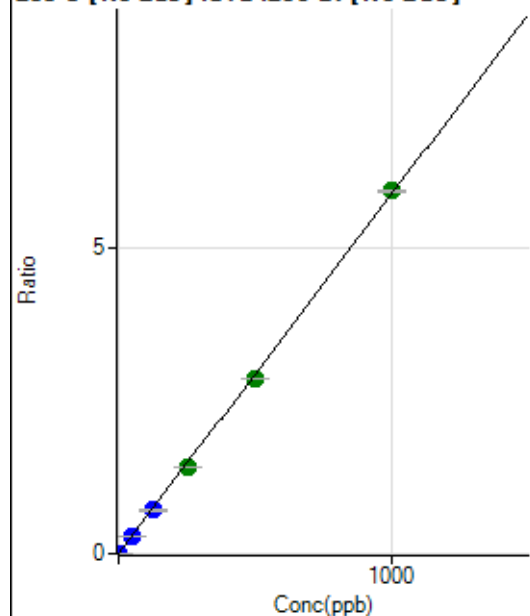
$$DL = 0.002391$$

$$BEC = 0.003591$$

Weight: <None>

Min Conc: 0

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



	R _{jc} t	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	2.78	0.0000	P	173.
2	☐	0.100	0.088	366.69	0.0005	P	13.3
3	☐	1.000	0.870	3558.99	0.0051	P	3.0
4	☐	50.000	47.709	195960.65	0.2812	P	1.0
5	☐	125.000	120.399	504933.87	0.7095	P	0.6
6	☐	250.000	241.971	1009152.94	1.4260	A	0.6
7	☐	500.000	487.471	2064892.88	2.8727	A	0.6
8	☐	1000.000	1008.961	4137426.48	5.9459	A	0.3
9	☐			91.67	0.0002	P	31.2

$$y = 0.0059 * x + 4.0254E-006$$

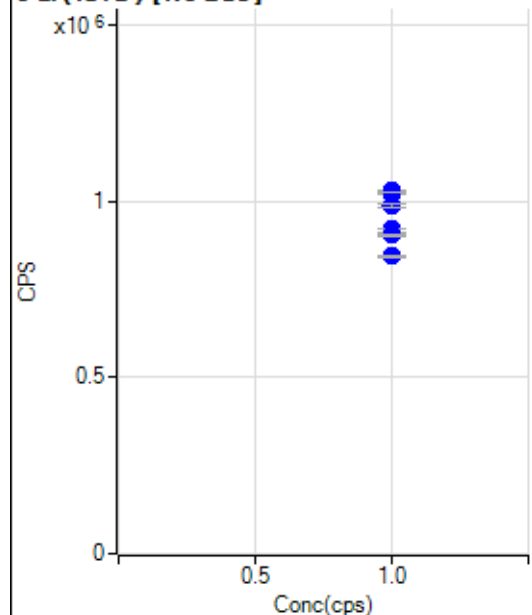
$$R = 0.9999$$

$$DL = 0.003549$$

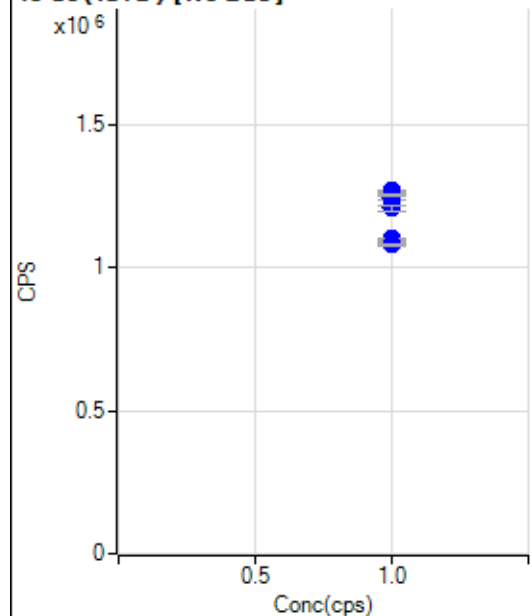
$$BEC = 0.0006831$$

Weight: <None>

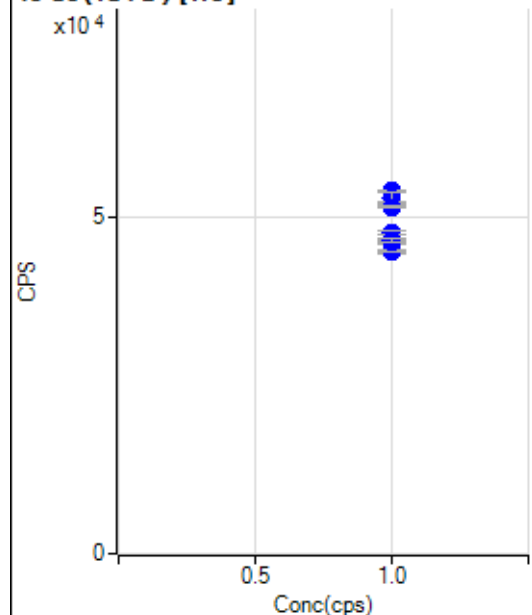
Min Conc: 0

6 Li (ISTD) [No Gas]

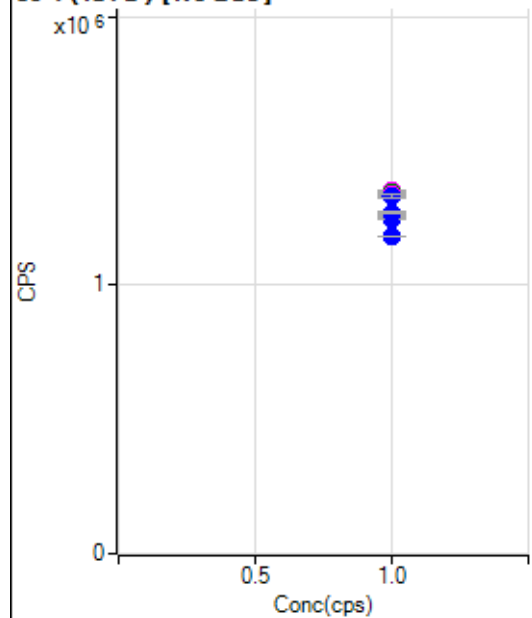
	Rjc t	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		1022309.93		P	0.7
2	☐	1.000		1030222.00		P	0.3
3	☐	1.000		1027777.35		P	0.3
4	☐	1.000		1027126.91		P	0.3
5	☐	1.000		989731.52		P	1.3
6	☐	1.000		921278.79		P	0.1
7	☐	1.000		904906.80		P	1.1
8	☐	1.000		905675.53		P	0.5
9	☐	1.000		844537.20		P	0.7

45 Sc (ISTD) [No Gas]

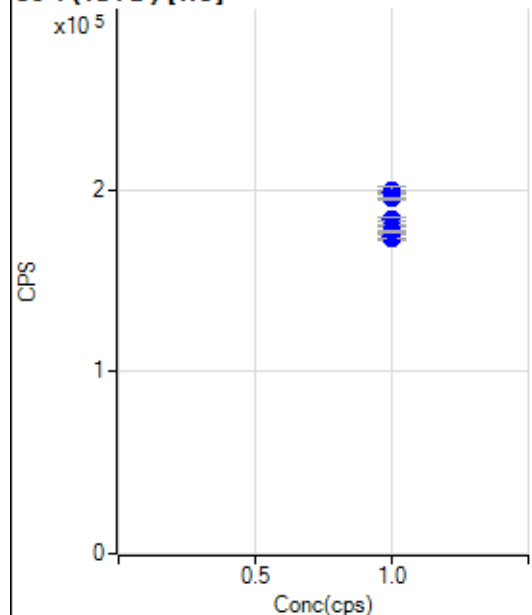
	Rjc t	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		1242997.47		P	1.1
2	☐	1.000		1267395.27		P	0.1
3	☐	1.000		1261029.51		P	0.3
4	☐	1.000		1252312.60		P	0.2
5	☐	1.000		1207639.18		P	1.5
6	☐	1.000		1093156.55		P	0.5
7	☐	1.000		1083785.97		P	0.3
8	☐	1.000		1099290.64		P	0.8
9	☐	1.000		1078757.08		P	0.5

45 Sc (ISTD) [He]

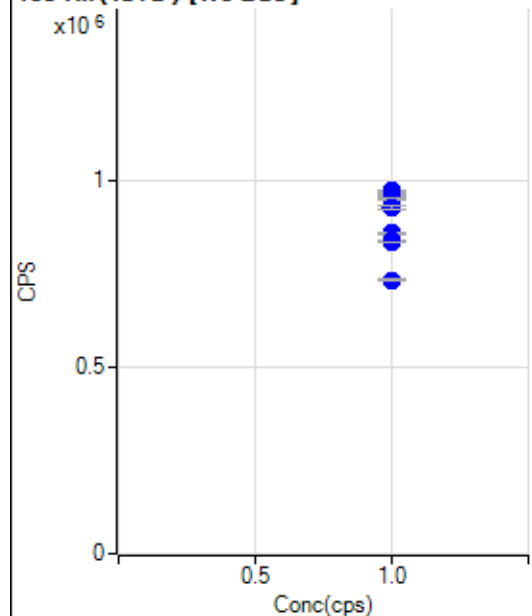
	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	1.000		52259.48		P	0.8
2	☐	1.000		53955.49		P	0.7
3	☐	1.000		53024.65		P	2.9
4	☐	1.000		51555.06		P	0.8
5	☐	1.000		47847.07		P	1.1
6	☐	1.000		44919.18		P	0.8
7	☐	1.000		45105.24		P	0.6
8	☐	1.000		46403.71		P	1.5
9	☐	1.000		46661.10		P	1.4

89 Y (ISTD) [No Gas]

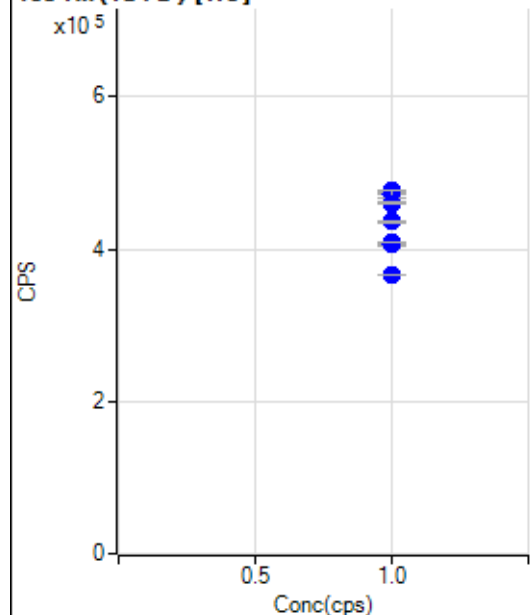
	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	1.000		1350917.33		M	0.6
2	☐	1.000		1344244.27		A	0.5
3	☐	1.000		1338843.73		A	0.5
4	☐	1.000		1341895.41		M	1.1
5	☐	1.000		1333051.92		P	1.1
6	☐	1.000		1265836.24		P	0.5
7	☐	1.000		1248603.92		P	0.1
8	☐	1.000		1268964.73		P	0.4
9	☐	1.000		1181220.91		P	0.4

89 Y (ISTD) [He]

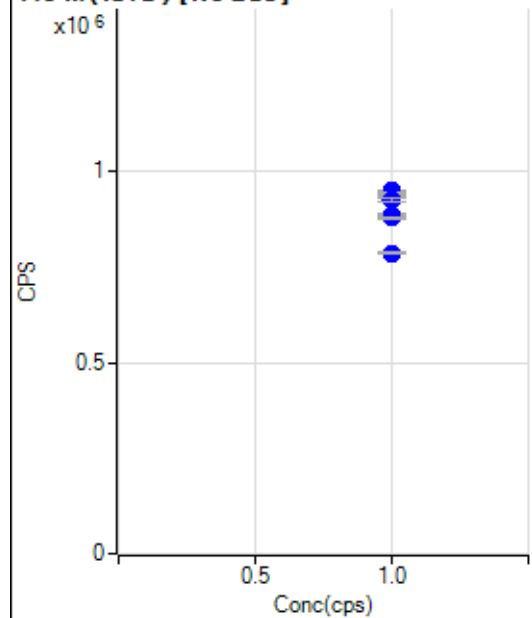
	Rjc t	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		198156.34		P	0.4
2	☐	1.000		199552.06		P	0.5
3	☐	1.000		198546.91		P	3.5
4	☐	1.000		195285.48		P	0.4
5	☐	1.000		183964.59		P	0.7
6	☐	1.000		173102.59		P	0.8
7	☐	1.000		174769.54		P	1.1
8	☐	1.000		180146.42		P	0.5
9	☐	1.000		177224.71		P	0.3

103 Rh (ISTD) [No Gas]

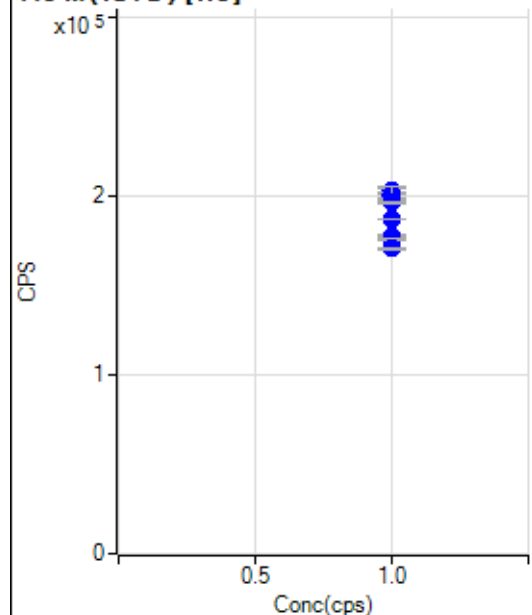
	Rjc t	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		965492.19		P	0.9
2	☐	1.000		974531.25		P	0.7
3	☐	1.000		965974.27		P	0.4
4	☐	1.000		954647.32		P	0.4
5	☐	1.000		931394.30		P	0.9
6	☐	1.000		861047.35		P	0.8
7	☐	1.000		842703.31		P	0.3
8	☐	1.000		835952.63		P	0.4
9	☐	1.000		735762.65		P	0.4

103 Rh (ISTD) [He]

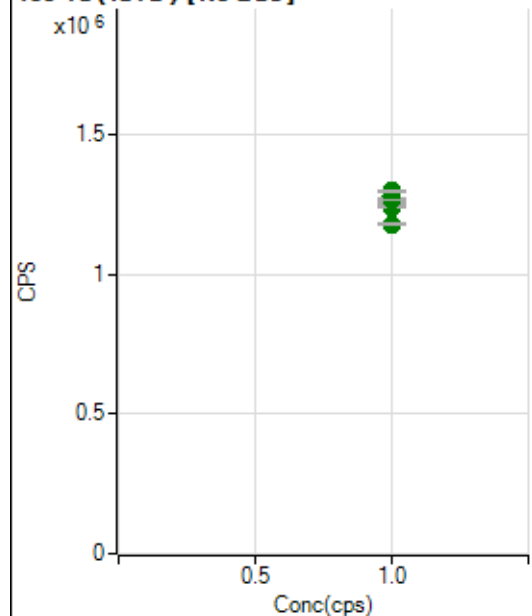
	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	1.000		472369.53		P	0.4
2	☐	1.000		476166.33		P	0.6
3	☐	1.000		471763.99		P	2.6
4	☐	1.000		459716.41		P	0.6
5	☐	1.000		435695.21		P	0.2
6	☐	1.000		406932.84		P	0.8
7	☐	1.000		406488.00		P	1.1
8	☐	1.000		409230.14		P	0.4
9	☐	1.000		365798.85		P	0.3

115 In (ISTD) [No Gas]

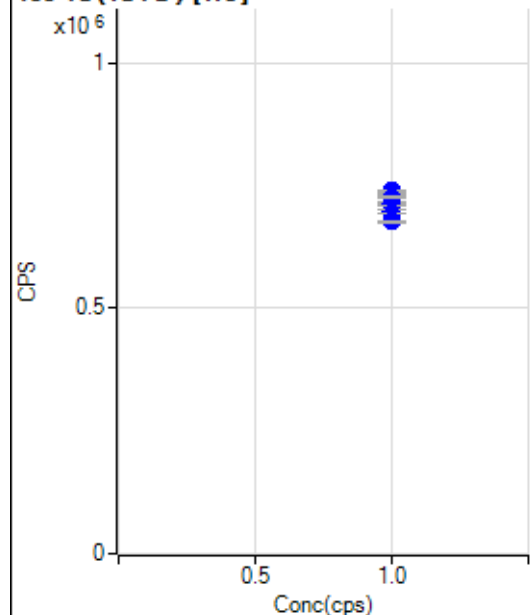
	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	1.000		937137.08		P	0.6
2	☐	1.000		948755.24		P	0.3
3	☐	1.000		937535.34		P	0.8
4	☐	1.000		943844.67		P	0.7
5	☐	1.000		924888.35		P	1.2
6	☐	1.000		885346.54		P	0.5
7	☐	1.000		882984.69		P	0.1
8	☐	1.000		878300.65		P	0.4
9	☐	1.000		786947.43		P	0.6

115 In (ISTD) [He]

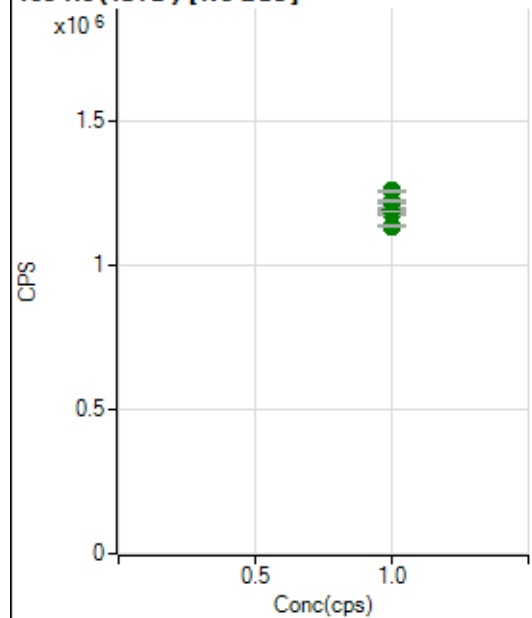
	Rjc t	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		199825.31		P	1.2
2	☐	1.000		202919.81		P	1.1
3	☐	1.000		201545.62		P	3.4
4	☐	1.000		196683.83		P	0.7
5	☐	1.000		187117.59		P	0.4
6	☐	1.000		177341.27		P	1.0
7	☐	1.000		176243.90		P	1.5
8	☐	1.000		176021.53		P	0.5
9	☐	1.000		170617.03		P	0.3

159 Tb (ISTD) [No Gas]

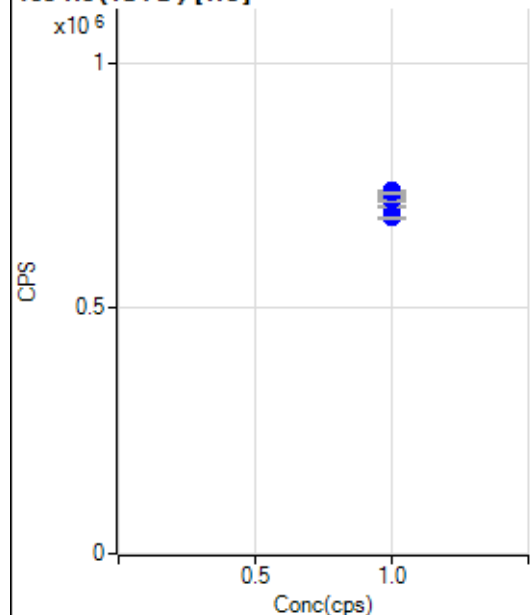
	Rjc t	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		1281529.06		A	1.2
2	☐	1.000		1252292.28		A	0.8
3	☐	1.000		1241884.24		A	0.5
4	☐	1.000		1241364.55		A	0.4
5	☐	1.000		1248329.94		A	0.5
6	☐	1.000		1239335.74		A	0.7
7	☐	1.000		1266260.21		A	0.3
8	☐	1.000		1297065.92		A	0.4
9	☐	1.000		1178100.79		A	0.5

159 Tb (ISTD) [He]

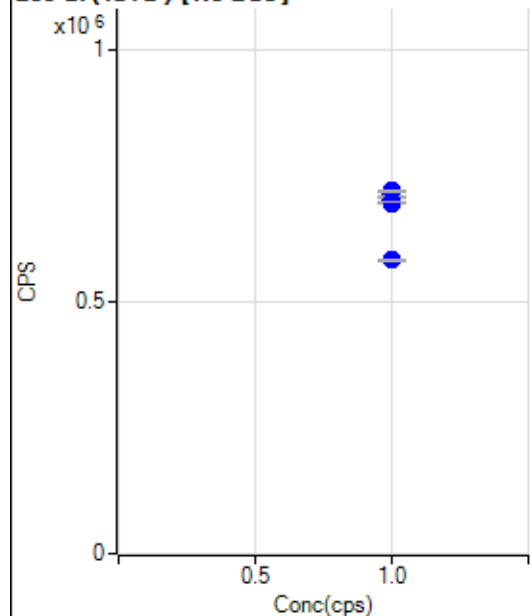
	Rjc t	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		730132.49		P	1.2
2	☐	1.000		738663.71		P	0.5
3	☐	1.000		724534.93		P	2.5
4	☐	1.000		723524.56		P	0.1
5	☐	1.000		713922.96		P	0.2
6	☐	1.000		697906.72		P	0.9
7	☐	1.000		712117.50		P	0.8
8	☐	1.000		725704.86		P	0.6
9	☐	1.000		675793.62		P	0.3

165 Ho (ISTD) [No Gas]

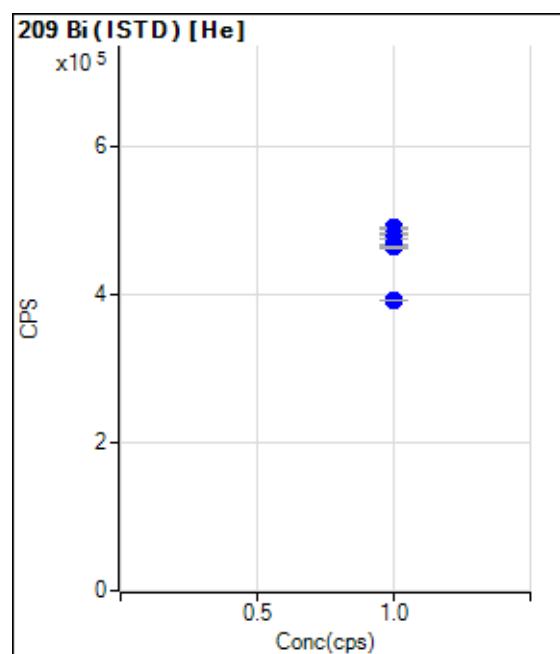
	Rjc t	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		1219230.18		A	1.5
2	☐	1.000		1191370.58		A	0.7
3	☐	1.000		1175308.98		A	0.6
4	☐	1.000		1189860.46		A	0.9
5	☐	1.000		1191610.96		A	0.9
6	☐	1.000		1191534.78		A	0.7
7	☐	1.000		1220389.75		A	0.7
8	☐	1.000		1256197.91		A	0.6
9	☐	1.000		1134784.91		A	0.7

165 Ho (ISTD) [He]

	Rjc t	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		734742.34		P	0.7
2	☐	1.000		739624.19		P	0.7
3	☐	1.000		726760.42		P	2.7
4	☐	1.000		728617.54		P	0.4
5	☐	1.000		717449.46		P	0.3
6	☐	1.000		706785.76		P	0.7
7	☐	1.000		720243.41		P	0.4
8	☐	1.000		736053.55		P	0.6
9	☐	1.000		684776.14		P	0.3

209 Bi (ISTD) [No Gas]

	Rjc t	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		695539.79		P	0.8
2	☐	1.000		700802.11		P	0.7
3	☐	1.000		693665.96		P	0.5
4	☐	1.000		696990.13		P	0.4
5	☐	1.000		711661.30		P	0.8
6	☐	1.000		707716.86		P	0.6
7	☐	1.000		718803.75		P	0.3
8	☐	1.000		695850.13		P	0.1
9	☐	1.000		581927.18		P	0.4



	Rjc t	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		480045.78		P	0.6
2	☐	1.000		489265.02		P	0.7
3	☐	1.000		481267.92		P	2.9
4	☐	1.000		480690.14		P	0.5
5	☐	1.000		474277.84		P	0.3
6	☐	1.000		463503.14		P	0.6
7	☐	1.000		466394.52		P	0.7
8	☐	1.000		463363.03		P	0.3
9	☐	1.000		391230.35		P	0.4

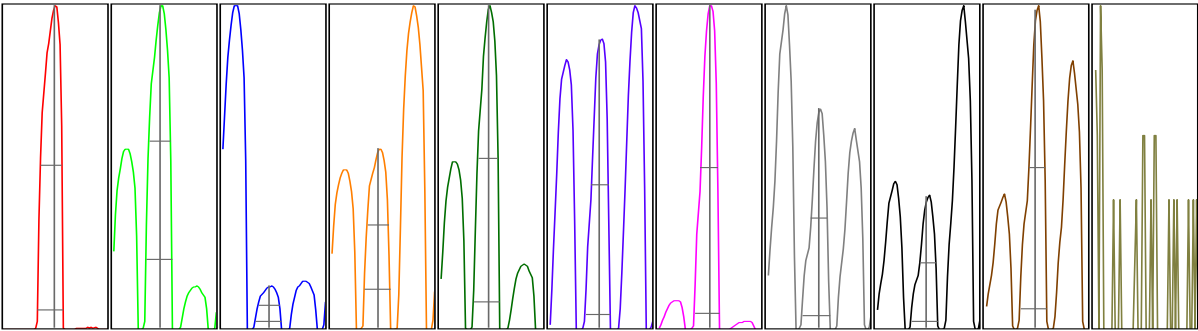
US EPA Tune Check Sample Report

Batch Folder D:\ICP-MS Data\P7072419MS.b
Report Comment
Instrument Name G8403A JP14410463

[No Gas]					
Mass	Count	RSD%	RSD%	RSD%	
	(Mean)	(Actual)	(Required)	(Flag)	
9	3580	0.52	5.00		
24	29665	0.38	5.00		
25	4053	0.39	5.00		
26	4631	0.62	5.00		
59	12893	0.47	5.00		
113	1126	1.26	5.00		
115	13970	0.16	5.00		
206	2809	0.83	5.00		
207	2555	0.81	5.00		
208	6095	0.66	5.00		
220	0	108.65			

Mass	Replicate 1	Replicate 2	Replicate 3	Replicate 4	Replicate 5
	Count	Count	Count	Count	Count
9	3554	3602	3568	3588	3586
24	29536	29609	29843	29671	29664
25	4042	4054	4080	4041	4050
26	4609	4642	4674	4603	4626
59	12835	12893	12995	12870	12871
113	1123	1103	1133	1140	1130
115	13997	13977	13956	13978	13941
206	2785	2786	2808	2829	2835
207	2527	2560	2543	2581	2566
208	6061	6062	6114	6082	6156
220	0	0	0	0	0

Integration Time [sec] = 0.1



Mass	Peak	Axis	Axis	Axis	Width-X%	Width-X%	Width-
	Height	(Actual)	(Required)	(Flag)	(Actual)	(Required)	X%
9	6121	9.00	8.9 - 9.1		0.739	0.900	
24	49783	23.90	23.9 - 24.1		0.747	0.900	
25	6611	24.90	24.9 - 25.1		0.754	0.900	
26	7483	25.90	25.9 - 26.1		0.738	0.900	
59	22980	58.95	58.9 - 59.1		0.757	0.900	
113	2218	113.00	112.9 - 113.1		0.733	0.900	
115	27597	115.05	114.9 - 115.1		0.729	0.900	
206	5570	206.05	205.9 - 206.1		0.820	0.900	
207	4961	207.00	206.9 - 207.1		0.782	0.900	
208	11992	208.00	207.9 - 208.1		0.783	0.900	
220	0	220.20	-		0.250		

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	7.7	V	Deflect	14.0	V
Extract 2	-100.0	V	Cell Entrance	-30	V	Plate Bias	-35	V
Omega Bias	-50	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	140	V			

[He]

Mass	Count	RSD%	RSD%
	(Mean)	(Actual)	(Required)
59	2931	3.79	
89	4577	4.07	
205	2915	2.27	

Mass	Replicate 1	Replicate 2	Replicate 3	Replicate 4	Replicate 5
	Count	Count	Count	Count	Count
59	2951	2735	2979	3010	2977
89	4618	4249	4649	4711	4659
205	2935	2799	2933	2962	2947

Integration Time [sec] = 0.1

Tune Parameters

Plasma Paramters

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

Lenses Parameters

ParameterName	Value	Unit	ParameterName	Value	Unit	ParameterName	Value	Unit
Extract 1	0.0	V	Omega Lens	8.0	V	Deflect	2.0	V
Extract 2	-120.0	V	Cell Entrance	-40	V	Plate Bias	-60	V
Omega Bias	-60	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 :	LB104231	Operator :	Jaswal
Lab Sample ID :	S00	Instrumnet Name :	P7
Client Sample ID :	S00	Dilution Factor :	1
Date & Time Acquired ::	2019-07-24 12:13:41	DataFile Name :	003CALB.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	0.39	-0.78	0.39	0.00	N/A	ppb
Antimony	121-1	0.01	-0.01	0.00	0.00	N/A	ppb
Arsenic	75-2	-0.01	-0.01	0.03	0.00	N/A	ppb
Barium	135-1	0.02	-0.01	-0.01	0.00	N/A	ppb
Barium	137-1	-0.01	0.01	-0.01	0.00	N/A	ppb
Beryllium	9-1	0.00	-0.02	0.02	0.00	N/A	ppb
Bismuth	209-1				100		%
Bismuth	209-2				100		%
Boron	10-1	-0.17	0.06	0.11	0.00	N/A	ppb
Boron	11-1	0.00	0.09	-0.09	0.00	N/A	ppb
Cadmium	111-1	-0.03	0.06	-0.03	0.00	N/A	ppb
Cadmium	106-1	-1.22	1.73	-0.50	0.00	N/A	ppb
Cadmium	108-1	0.06	-0.12	0.06	0.00	N/A	ppb
Calcium	43-1	-2.40	-1.30	3.71	0.00	N/A	ppb
Calcium	44-1	0.00	1.91	-1.91	0.00	N/A	ppb
Chromium	52-2	0.05	0.01	-0.06	0.00	N/A	ppb
Cobalt	59-2	-0.01	0.01	0.00	0.00	N/A	ppb
Copper	63-2	-0.04	0.03	0.01	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	-0.06	0.00	0.06	0.00	N/A	ppb
Iron	57-2	-1.20	0.02	1.18	0.00	N/A	ppb
Krypton	83-1						cps
Lead	206-1	0.00	0.01	0.00	0.00	N/A	ppb
Lead	207-1	0.04	-0.02	-0.02	0.00	N/A	ppb
Lead	208-1	0.01	-0.01	0.00	0.00	N/A	ppb
Lithium	6-1				100		%
Magnesium	24-2	0.00	0.00	0.00	0.00	N/A	ppb

LB Number :	LB104231	Operator :	Jaswal
Lab Sample ID :	S00	Instrumnet Name :	P7
Client Sample ID :	S00	Dilution Factor :	1
Date & Time Acquired ::	2019-07-24 12:13:41	DataFile Name :	003CALB.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	0.00	0.01	-0.02	0.00	N/A	ppb
Molybdenum	94-1	-0.06	0.05	0.01	0.00	N/A	ppb
Molybdenum	95-1	0.01	-0.01	0.01	0.00	N/A	ppb
Molybdenum	96-1	0.02	-0.02	0.01	0.00	N/A	ppb
Molybdenum	97-1	0.00	0.02	-0.02	0.00	N/A	ppb
Molybdenum	98-1	0.00	0.00	0.00	0.00	N/A	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	-0.04	-0.02	0.06	0.00	N/A	ppb
Phosphorus	31-2	11.51	-41.68	-35.23	-21.80		ppb
Potassium	39-2	-3.21	0.33	2.88	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	0.29	1.49	-1.79	0.00	N/A	ppb
Selenium	82-1	-0.07	0.01	0.05	0.00	N/A	ppb
Silicon	28-1	0.15	-0.80	0.66	0.00	N/A	ppb
Silver	109-1	0.00	0.01	-0.01	0.00	N/A	ppb
Silver	107-1	0.01	0.00	0.00	0.00	N/A	ppb
Sodium	23-2	-0.80	1.14	-0.34	0.00	N/A	ppb
Strontium	86-1	-0.05	0.04	0.02	0.00	N/A	ppb
Strontium	88-1	0.00	0.00	0.00	0.00	N/A	ppb
Sulfur	34-1	216.24	-257.84	0.00	-13.86		ppb
Terbium	159-1				100		%
Terbium	159-2				100		%
Thallium	203-1	0.01	-0.02	0.01	0.00	N/A	ppb
Thallium	205-1	0.01	-0.01	0.00	0.00	N/A	ppb
Thorium	232-1	0.00	0.00	0.00	0.00	N/A	ppb
Tin	118-1	0.01	0.01	-0.01	0.00	N/A	ppb
Titanium	47-1	0.04	-0.05	0.01	0.00	N/A	ppb
Uranium	238-1	0.00	0.00	0.00	0.00	N/A	ppb
Vanadium	51-2	0.01	-0.01	0.00	0.00	N/A	ppb
Yttrium	89-1				100		%
Yttrium	89-2				100		%

LB Number :	LB104231	Operator :	Jaswal
Lab Sample ID :	S00	Instrumnet Name :	P7
Client Sample ID :	S00	Dilution Factor :	1
Date & Time Acquired ::	2019-07-24 12:13:41	DataFile Name :	003CALB.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zinc	66-2	0.21	-0.08	-0.13	0.00	N/A	ppb
Zirconium	90-1	-0.01	-0.01	0.01	0.00	N/A	ppb
Zirconium	91-1	0.02	0.00	-0.02	0.00	N/A	ppb

LB Number : LB104231 Operator : Jaswal
 Lab Sample ID : S01 Instrumnet Name : P7
 Client Sample ID : S01 Dilution Factor : 1
 Date & Time Acquired :: 2019-07-24 12:17:17 DataFile Name : 004CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	1.10	1.86	0.74	1.24	46.20	ppb
Antimony	121-1	0.19	0.24	0.12	0.18	32.46	ppb
Arsenic	75-2	0.11	0.20	0.15	0.16	27.13	ppb
Barium	135-1	1.13	0.78	0.90	0.94	18.88	ppb
Barium	137-1	0.98	1.09	0.70	0.92	21.83	ppb
Beryllium	9-1	0.06	0.08	0.05	0.06	27.16	ppb
Bismuth	209-1				101		%
Bismuth	209-2				102		%
Boron	10-1	1.80	1.42	2.97	2.06	39.13	ppb
Boron	11-1	1.96	2.63	2.30	2.30	14.61	ppb
Cadmium	111-1	0.18	0.16	0.21	0.18	12.98	ppb
Cadmium	106-1	0.78	1.87	0.82	1.16	53.58	ppb
Cadmium	108-1	0.07	0.06	-0.12	0.00	3815.68	ppb
Calcium	43-1	58.47	48.80	40.41	49.23	18.36	ppb
Calcium	44-1	54.32	48.81	52.68	51.94	5.44	ppb
Chromium	52-2	0.14	0.23	0.15	0.17	29.14	ppb
Cobalt	59-2	0.09	0.10	0.08	0.09	12.93	ppb
Copper	63-2	0.24	0.31	0.20	0.25	20.75	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				101		%
Indium	115-1				101		%
Indium	115-2				102		%
Iron	56-2	5.13	5.42	5.04	5.20	3.88	ppb
Iron	57-2	9.06	9.11	8.05	8.74	6.84	ppb
Krypton	83-1						cps
Lead	206-1	0.12	0.09	0.03	0.08	59.02	ppb
Lead	207-1	0.13	0.11	0.09	0.11	15.38	ppb
Lead	208-1	0.12	0.10	0.06	0.10	30.17	ppb
Lithium	6-1				101		%
Magnesium	24-2	50.33	53.88	57.56	53.93	6.70	ppb

LB Number :	LB104231	Operator :	Jaswal
Lab Sample ID :	S01	Instrumnet Name :	P7
Client Sample ID :	S01	Dilution Factor :	1
Date & Time Acquired ::	2019-07-24 12:17:17	DataFile Name :	004CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	0.24	0.15	0.03	0.14	73.21	ppb
Molybdenum	94-1	0.35	0.39	0.47	0.41	15.00	ppb
Molybdenum	95-1	0.61	0.52	0.35	0.49	26.77	ppb
Molybdenum	96-1	0.48	0.45	0.43	0.45	4.86	ppb
Molybdenum	97-1	0.42	0.56	0.40	0.46	19.17	ppb
Molybdenum	98-1	0.50	0.49	0.53	0.51	3.54	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.18	0.10	0.10	0.12	36.22	ppb
Phosphorus	31-2	-10.22	3.01	-35.80	-14.34		ppb
Potassium	39-2	47.07	46.21	46.50	46.59	0.95	ppb
Rhodium	103-1				101		%
Rhodium	103-2				101		%
Scandium	45-1				102		%
Scandium	45-2				103		%
Selenium	77-2	0.00	0.00	0.00	0.00	N/A	ppb
Selenium	78-2	-1.37	-1.79	0.61	-0.85		ppb
Selenium	82-1	-0.15	0.76	0.07	0.22	212.21	ppb
Silicon	28-1	0.23	0.86	1.15	0.74	63.34	ppb
Silver	109-1	0.04	0.10	0.09	0.08	47.54	ppb
Silver	107-1	0.15	0.09	0.10	0.11	28.63	ppb
Sodium	23-2	48.77	45.52	48.76	47.68	3.93	ppb
Strontium	86-1	0.07	0.16	0.14	0.13	36.35	ppb
Strontium	88-1	0.11	0.11	0.12	0.12	5.98	ppb
Sulfur	34-1	-154.04	-173.26	-125.49	-150.93		ppb
Terbium	159-1				98		%
Terbium	159-2				101		%
Thallium	203-1	0.12	0.11	0.07	0.10	29.22	ppb
Thallium	205-1	0.14	0.09	0.11	0.11	22.89	ppb
Thorium	232-1	0.08	0.09	0.09	0.08	5.61	ppb
Tin	118-1	0.59	0.65	0.45	0.56	17.81	ppb
Titanium	47-1	0.30	0.48	0.61	0.46	34.12	ppb
Uranium	238-1	0.10	0.08	0.09	0.09	13.37	ppb
Vanadium	51-2	0.58	0.53	0.51	0.54	6.83	ppb
Yttrium	89-1				100		%
Yttrium	89-2				101		%

LB Number :	LB104231	Operator :	Jaswal
Lab Sample ID :	S01	Instrumnet Name :	P7
Client Sample ID :	S01	Dilution Factor :	1
Date & Time Acquired ::	2019-07-24 12:17:17	DataFile Name :	004CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zinc	66-2	0.04	0.14	0.00	0.06	120.30	ppb
Zirconium	90-1	0.10	0.08	0.07	0.09	17.63	ppb
Zirconium	91-1	0.00	0.08	0.14	0.07	99.83	ppb

LB Number : LB104231 Operator : Jaswal
 Lab Sample ID : S02 Instrumnet Name : P7
 Client Sample ID : S02 Dilution Factor : 1
 Date & Time Acquired :: 2019-07-24 12:21:16 DataFile Name : 005CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	18.10	19.75	22.66	20.17	11.46	ppb
Antimony	121-1	2.07	1.98	1.70	1.92	9.87	ppb
Arsenic	75-2	0.99	1.28	0.81	1.03	23.35	ppb
Barium	135-1	11.44	11.45	11.51	11.47	0.34	ppb
Barium	137-1	10.82	10.56	9.99	10.46	4.07	ppb
Beryllium	9-1	0.96	0.91	1.02	0.96	5.60	ppb
Bismuth	209-1				100		%
Bismuth	209-2				100		%
Boron	10-1	22.00	23.25	23.56	22.93	3.59	ppb
Boron	11-1	22.24	23.90	24.07	23.41	4.32	ppb
Cadmium	111-1	1.00	1.36	1.19	1.18	14.90	ppb
Cadmium	106-1	1.97	5.60	4.67	4.08	46.14	ppb
Cadmium	108-1	1.00	1.01	1.58	1.20	27.77	ppb
Calcium	43-1	512.17	521.72	502.37	512.09	1.89	ppb
Calcium	44-1	488.14	495.11	504.60	495.95	1.67	ppb
Chromium	52-2	2.21	1.84	1.83	1.96	10.89	ppb
Cobalt	59-2	1.04	1.13	0.98	1.05	6.92	ppb
Copper	63-2	1.93	2.15	2.09	2.06	5.55	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				96		%
Holmium	165-2				99		%
Indium	115-1				100		%
Indium	115-2				101		%
Iron	56-2	59.29	56.76	55.33	57.13	3.51	ppb
Iron	57-2	64.76	73.78	52.64	63.73	16.65	ppb
Krypton	83-1						cps
Lead	206-1	0.99	0.76	0.82	0.85	13.90	ppb
Lead	207-1	0.97	0.84	1.05	0.95	11.01	ppb
Lead	208-1	0.95	0.88	0.95	0.93	4.56	ppb
Lithium	6-1				101		%
Magnesium	24-2	547.19	551.67	551.82	550.23	0.48	ppb

LB Number :	LB104231	Operator :	Jaswal
Lab Sample ID :	S02	Instrumnet Name :	P7
Client Sample ID :	S02	Dilution Factor :	1
Date & Time Acquired ::	2019-07-24 12:21:16	DataFile Name :	005CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	1.03	1.00	1.01	1.01	1.89	ppb
Molybdenum	94-1	4.88	4.54	5.00	4.80	4.96	ppb
Molybdenum	95-1	4.68	5.14	4.89	4.91	4.75	ppb
Molybdenum	96-1	4.54	4.65	5.02	4.74	5.26	ppb
Molybdenum	97-1	4.88	4.83	5.39	5.03	6.16	ppb
Molybdenum	98-1	5.16	4.89	4.66	4.90	5.03	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.98	0.86	1.14	0.99	14.10	ppb
Phosphorus	31-2	12.64	24.88	27.88	21.80	37.05	ppb
Potassium	39-2	522.05	517.37	481.90	507.11	4.33	ppb
Rhodium	103-1				100		%
Rhodium	103-2				100		%
Scandium	45-1				101		%
Scandium	45-2				101		%
Selenium	77-2	12.56	4.96	2.35	6.62	80.09	ppb
Selenium	78-2	2.91	2.81	5.57	3.76	41.68	ppb
Selenium	82-1	5.09	4.43	4.40	4.64	8.39	ppb
Silicon	28-1	7.93	9.18	9.15	8.75	8.14	ppb
Silver	109-1	1.01	1.08	1.08	1.06	3.62	ppb
Silver	107-1	1.03	1.15	0.96	1.05	9.17	ppb
Sodium	23-2	522.95	520.00	500.80	514.58	2.34	ppb
Strontium	86-1	0.89	0.91	1.04	0.95	8.50	ppb
Strontium	88-1	1.06	1.08	0.94	1.02	7.54	ppb
Sulfur	34-1	-64.37	0.98	104.98	13.86	616.01	ppb
Terbium	159-1				97		%
Terbium	159-2				99		%
Thallium	203-1	1.02	0.87	0.94	0.94	8.05	ppb
Thallium	205-1	0.85	0.95	0.89	0.90	5.73	ppb
Thorium	232-1	0.87	0.84	0.89	0.87	2.37	ppb
Tin	118-1	5.87	5.56	5.19	5.54	6.18	ppb
Titanium	47-1	4.85	5.87	4.83	5.18	11.47	ppb
Uranium	238-1	0.84	0.88	0.89	0.87	2.96	ppb
Vanadium	51-2	5.80	5.38	5.24	5.47	5.35	ppb
Yttrium	89-1				99		%
Yttrium	89-2				100		%

LB Number :	LB104231	Operator :	Jaswal
Lab Sample ID :	S02	Instrumnet Name :	P7
Client Sample ID :	S02	Dilution Factor :	1
Date & Time Acquired ::	2019-07-24 12:21:16	DataFile Name :	005CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zinc	66-2	1.85	1.91	1.72	1.83	5.47	ppb
Zirconium	90-1	0.93	0.91	0.92	0.92	0.91	ppb
Zirconium	91-1	0.90	0.72	0.83	0.82	11.30	ppb

LB Number :	LB104231	Operator :	Jaswal
Lab Sample ID :	S03	Instrumnet Name :	P7
Client Sample ID :	S03	Dilution Factor :	1
Date & Time Acquired ::	2019-07-24 12:25:13	DataFile Name :	006CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	1098.35	1110.16	1073.90	1094.14	1.69	ppb
Antimony	121-1	54.75	55.56	54.68	55.00	0.89	ppb
Arsenic	75-2	53.51	50.69	56.06	53.42	5.03	ppb
Barium	135-1	279.98	276.65	272.46	276.37	1.36	ppb
Barium	137-1	280.89	277.05	276.04	277.99	0.92	ppb
Beryllium	9-1	54.83	55.39	55.47	55.23	0.64	ppb
Bismuth	209-1				100		%
Bismuth	209-2				100		%
Boron	10-1	47.85	52.36	51.42	50.54	4.70	ppb
Boron	11-1	48.82	52.60	51.33	50.92	3.78	ppb
Cadmium	111-1	54.60	56.20	54.51	55.11	1.72	ppb
Cadmium	106-1	58.55	56.35	57.25	57.38	1.92	ppb
Cadmium	108-1	54.86	62.66	57.26	58.26	6.86	ppb
Calcium	43-1	5552.99	5351.27	5366.65	5423.64	2.07	ppb
Calcium	44-1	5254.19	5279.97	5264.08	5266.08	0.25	ppb
Chromium	52-2	53.08	53.81	51.90	52.93	1.82	ppb
Cobalt	59-2	53.60	53.58	53.47	53.55	0.12	ppb
Copper	63-2	101.90	103.61	101.36	102.29	1.15	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				99		%
Indium	115-1				101		%
Indium	115-2				98		%
Iron	56-2	2777.11	2826.04	2755.46	2786.21	1.30	ppb
Iron	57-2	2787.93	2834.93	2755.96	2792.94	1.42	ppb
Krypton	83-1						cps
Lead	206-1	49.78	49.78	51.30	50.29	1.75	ppb
Lead	207-1	50.03	49.04	50.33	49.80	1.36	ppb
Lead	208-1	50.14	49.80	50.92	50.28	1.14	ppb
Lithium	6-1				100		%
Magnesium	24-2	5523.03	5630.43	5449.91	5534.46	1.64	ppb

LB Number :	LB104231	Operator :	Jaswal
Lab Sample ID :	S03	Instrumnet Name :	P7
Client Sample ID :	S03	Dilution Factor :	1
Date & Time Acquired ::	2019-07-24 12:25:13	DataFile Name :	006CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	103.26	106.11	102.68	104.02	1.77	ppb
Molybdenum	94-1	259.35	258.35	264.00	260.57	1.16	ppb
Molybdenum	95-1	256.75	257.99	264.35	259.70	1.57	ppb
Molybdenum	96-1	258.37	255.75	263.73	259.28	1.57	ppb
Molybdenum	97-1	266.17	267.47	271.22	268.28	0.98	ppb
Molybdenum	98-1	256.96	257.88	263.01	259.28	1.26	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	52.84	57.80	54.75	55.13	4.53	ppb
Phosphorus	31-2	1083.23	1031.17	1176.01	1096.80	6.69	ppb
Potassium	39-2	2633.61	2701.67	2672.77	2669.35	1.28	ppb
Rhodium	103-1				99		%
Rhodium	103-2				97		%
Scandium	45-1				101		%
Scandium	45-2				99		%
Selenium	77-2	59.50	52.15	52.42	54.69	7.62	ppb
Selenium	78-2	54.56	48.85	57.06	53.49	7.87	ppb
Selenium	82-1	50.96	51.05	52.66	51.56	1.85	ppb
Silicon	28-1	54.43	56.86	54.91	55.40	2.33	ppb
Silver	109-1	57.61	57.90	56.56	57.36	1.24	ppb
Silver	107-1	58.16	56.42	56.47	57.02	1.74	ppb
Sodium	23-2	5350.87	5441.70	5302.38	5364.98	1.32	ppb
Strontium	86-1	52.77	52.58	50.35	51.90	2.59	ppb
Strontium	88-1	52.55	51.88	52.52	52.32	0.72	ppb
Sulfur	34-1	977.63	907.89	1025.66	970.39	6.10	ppb
Terbium	159-1				97		%
Terbium	159-2				99		%
Thallium	203-1	48.28	48.60	48.50	48.46	0.34	ppb
Thallium	205-1	48.38	49.03	49.84	49.08	1.49	ppb
Thorium	232-1	47.41	47.91	48.02	47.78	0.68	ppb
Tin	118-1	55.53	55.65	55.27	55.48	0.35	ppb
Titanium	47-1	260.62	260.37	259.27	260.09	0.28	ppb
Uranium	238-1	47.24	47.75	48.14	47.71	0.95	ppb
Vanadium	51-2	53.14	52.76	52.18	52.69	0.92	ppb
Yttrium	89-1				99		%
Yttrium	89-2				99		%

LB Number :	LB104231	Operator :	Jaswal
Lab Sample ID :	S03	Instrumnet Name :	P7
Client Sample ID :	S03	Dilution Factor :	1
Date & Time Acquired ::	2019-07-24 12:25:13	DataFile Name :	006CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zinc	66-2	100.37	96.73	98.91	98.67	1.86	ppb
Zirconium	90-1	51.20	52.63	51.75	51.86	1.39	ppb
Zirconium	91-1	53.17	53.18	52.20	52.85	1.06	ppb

LB Number :	LB104231	Operator :	Jaswal
Lab Sample ID :	S04	Instrumnet Name :	P7
Client Sample ID :	S04	Dilution Factor :	1
Date & Time Acquired ::	2019-07-24 12:29:10	DataFile Name :	007CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	2741.79	2692.04	2686.95	2706.93	1.12	ppb
Antimony	121-1	133.86	129.84	131.05	131.58	1.57	ppb
Arsenic	75-2	126.75	130.37	124.92	127.35	2.18	ppb
Barium	135-1	676.52	675.37	671.34	674.41	0.40	ppb
Barium	137-1	683.91	675.55	680.73	680.06	0.62	ppb
Beryllium	9-1	132.69	133.74	132.38	132.94	0.54	ppb
Bismuth	209-1				102		%
Bismuth	209-2				99		%
Boron	10-1	125.84	126.48	129.22	127.18	1.41	ppb
Boron	11-1	125.02	127.95	125.03	126.00	1.34	ppb
Cadmium	111-1	133.87	136.47	132.88	134.41	1.38	ppb
Cadmium	106-1	129.59	132.09	130.09	130.59	1.01	ppb
Cadmium	108-1	125.64	127.25	136.72	129.87	4.61	ppb
Calcium	43-1	13529.43	13469.41	13411.03	13469.96	0.44	ppb
Calcium	44-1	12745.42	12737.33	12785.07	12755.94	0.20	ppb
Chromium	52-2	131.03	129.59	127.72	129.45	1.28	ppb
Cobalt	59-2	132.31	132.72	128.55	131.19	1.75	ppb
Copper	63-2	254.01	254.03	245.49	251.18	1.96	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				99		%
Indium	115-2				94		%
Iron	56-2	6823.20	6708.86	6548.55	6693.54	2.06	ppb
Iron	57-2	6733.85	6664.42	6672.02	6690.10	0.57	ppb
Krypton	83-1						cps
Lead	206-1	122.83	120.43	124.83	122.69	1.80	ppb
Lead	207-1	120.83	121.94	120.31	121.03	0.69	ppb
Lead	208-1	122.98	123.57	123.37	123.31	0.24	ppb
Lithium	6-1				97		%
Magnesium	24-2	13807.62	13677.64	13411.63	13632.30	1.48	ppb

LB Number :	LB104231	Operator :	Jaswal
Lab Sample ID :	S04	Instrumnet Name :	P7
Client Sample ID :	S04	Dilution Factor :	1
Date & Time Acquired ::	2019-07-24 12:29:10	DataFile Name :	007CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	256.18	261.32	254.99	257.50	1.31	ppb
Molybdenum	94-1	627.70	626.02	632.36	628.69	0.52	ppb
Molybdenum	95-1	630.71	627.79	627.92	628.80	0.26	ppb
Molybdenum	96-1	631.08	625.98	635.16	630.74	0.73	ppb
Molybdenum	97-1	644.44	642.36	653.78	646.86	0.94	ppb
Molybdenum	98-1	627.11	629.87	639.61	632.20	1.04	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	134.22	131.76	126.40	130.79	3.06	ppb
Phosphorus	31-2	2487.77	2727.04	2746.29	2653.70	5.43	ppb
Potassium	39-2	6601.20	6543.51	6413.34	6519.35	1.48	ppb
Rhodium	103-1				96		%
Rhodium	103-2				92		%
Scandium	45-1				97		%
Scandium	45-2				92		%
Selenium	77-2	118.88	125.72	154.10	132.90	14.05	ppb
Selenium	78-2	134.33	127.45	125.36	129.05	3.64	ppb
Selenium	82-1	127.58	127.40	125.67	126.89	0.83	ppb
Silicon	28-1	133.19	136.03	135.07	134.76	1.07	ppb
Silver	109-1	139.31	137.93	135.68	137.64	1.33	ppb
Silver	107-1	140.24	136.39	138.46	138.36	1.39	ppb
Sodium	23-2	13273.20	13212.62	12829.95	13105.26	1.83	ppb
Strontium	86-1	126.36	125.40	127.76	126.51	0.94	ppb
Strontium	88-1	128.85	127.36	126.80	127.67	0.83	ppb
Sulfur	34-1	1846.61	2151.04	2304.98	2100.88	11.10	ppb
Terbium	159-1				97		%
Terbium	159-2				98		%
Thallium	203-1	118.10	116.79	118.79	117.89	0.86	ppb
Thallium	205-1	121.68	121.09	124.04	122.27	1.27	ppb
Thorium	232-1	121.41	120.25	121.31	120.99	0.53	ppb
Tin	118-1	134.84	131.45	134.44	133.58	1.38	ppb
Titanium	47-1	640.79	640.51	644.72	642.01	0.37	ppb
Uranium	238-1	120.68	119.63	120.89	120.40	0.56	ppb
Vanadium	51-2	127.73	130.39	126.64	128.26	1.50	ppb
Yttrium	89-1				99		%
Yttrium	89-2				93		%

LB Number :	LB104231	Operator :	Jaswal
Lab Sample ID :	S04	Instrumnet Name :	P7
Client Sample ID :	S04	Dilution Factor :	1
Date & Time Acquired ::	2019-07-24 12:29:10	DataFile Name :	007CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zinc	66-2	248.95	249.31	246.12	248.13	0.71	ppb
Zirconium	90-1	127.59	129.10	128.76	128.48	0.61	ppb
Zirconium	91-1	127.74	128.10	127.35	127.73	0.29	ppb

LB Number :	LB104231	Operator :	Jaswal
Lab Sample ID :	S05	Instrumnet Name :	P7
Client Sample ID :	S05	Dilution Factor :	1
Date & Time Acquired ::	2019-07-24 12:33:06	DataFile Name :	008CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	5464.36	5370.26	5589.68	5474.77	2.01	ppb
Antimony	121-1	262.20	263.68	263.14	263.01	0.28	ppb
Arsenic	75-2	259.55	260.19	253.68	257.80	1.39	ppb
Barium	135-1	1334.67	1314.02	1331.56	1326.75	0.84	ppb
Barium	137-1	1344.75	1332.23	1326.82	1334.60	0.69	ppb
Beryllium	9-1	266.55	264.87	263.65	265.02	0.55	ppb
Bismuth	209-1				102		%
Bismuth	209-2				97		%
Boron	10-1	249.86	247.10	257.15	251.37	2.07	ppb
Boron	11-1	254.30	252.22	251.95	252.82	0.51	ppb
Cadmium	111-1	265.87	260.24	254.01	260.04	2.28	ppb
Cadmium	106-1	250.29	256.15	245.90	250.78	2.05	ppb
Cadmium	108-1	273.07	257.24	258.62	262.98	3.33	ppb
Calcium	43-1	27736.11	27424.55	27709.93	27623.53	0.63	ppb
Calcium	44-1	26360.90	26361.55	26378.34	26366.93	0.04	ppb
Chromium	52-2	257.60	254.35	257.55	256.50	0.73	ppb
Cobalt	59-2	258.07	256.32	264.37	259.59	1.63	ppb
Copper	63-2	494.52	486.76	504.74	495.34	1.82	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				96		%
Indium	115-1				94		%
Indium	115-2				89		%
Iron	56-2	13300.17	13235.00	13523.20	13352.79	1.13	ppb
Iron	57-2	13306.32	13355.20	13749.99	13470.50	1.81	ppb
Krypton	83-1						cps
Lead	206-1	255.82	254.01	253.73	254.52	0.45	ppb
Lead	207-1	250.43	245.87	248.01	248.11	0.92	ppb
Lead	208-1	256.25	252.98	253.06	254.10	0.73	ppb
Lithium	6-1				90		%
Magnesium	24-2	26250.36	26169.76	26689.73	26369.95	1.06	ppb

LB Number :	LB104231	Operator :	Jaswal
Lab Sample ID :	S05	Instrumnet Name :	P7
Client Sample ID :	S05	Dilution Factor :	1
Date & Time Acquired ::	2019-07-24 12:33:06	DataFile Name :	008CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	512.19	510.37	521.50	514.69	1.16	ppb
Molybdenum	94-1	1275.67	1276.74	1267.67	1273.36	0.39	ppb
Molybdenum	95-1	1270.04	1266.43	1267.80	1268.09	0.14	ppb
Molybdenum	96-1	1275.72	1277.83	1267.74	1273.76	0.42	ppb
Molybdenum	97-1	1301.02	1294.71	1290.39	1295.38	0.41	ppb
Molybdenum	98-1	1261.79	1258.16	1252.60	1257.52	0.37	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	261.68	257.41	266.85	261.98	1.80	ppb
Phosphorus	31-2	5109.86	5102.00	4997.97	5069.94	1.23	ppb
Potassium	39-2	12847.22	12712.27	13097.79	12885.76	1.52	ppb
Rhodium	103-1				89		%
Rhodium	103-2				86		%
Scandium	45-1				88		%
Scandium	45-2				86		%
Selenium	77-2	283.14	273.90	267.72	274.92	2.82	ppb
Selenium	78-2	256.37	254.85	262.67	257.96	1.61	ppb
Selenium	82-1	258.89	250.27	260.80	256.65	2.19	ppb
Silicon	28-1	271.70	277.46	276.56	275.24	1.13	ppb
Silver	109-1	263.24	265.67	261.96	263.62	0.72	ppb
Silver	107-1	265.66	263.71	261.80	263.72	0.73	ppb
Sodium	23-2	25888.37	25676.57	26073.84	25879.59	0.77	ppb
Strontium	86-1	251.28	256.16	251.52	252.99	1.09	ppb
Strontium	88-1	258.95	257.14	257.69	257.93	0.36	ppb
Sulfur	34-1	4674.18	4588.12	4579.46	4613.92	1.13	ppb
Terbium	159-1				97		%
Terbium	159-2				96		%
Thallium	203-1	243.68	243.38	243.16	243.41	0.11	ppb
Thallium	205-1	252.38	253.62	253.33	253.11	0.26	ppb
Thorium	232-1	242.60	241.84	241.76	242.07	0.19	ppb
Tin	118-1	264.89	259.75	264.95	263.20	1.13	ppb
Titanium	47-1	1315.03	1303.41	1292.21	1303.55	0.88	ppb
Uranium	238-1	243.24	240.41	242.26	241.97	0.59	ppb
Vanadium	51-2	254.68	252.57	256.96	254.74	0.86	ppb
Yttrium	89-1				94		%
Yttrium	89-2				87		%

LB Number :	LB104231	Operator :	Jaswal
Lab Sample ID :	S05	Instrumnet Name :	P7
Client Sample ID :	S05	Dilution Factor :	1
Date & Time Acquired ::	2019-07-24 12:33:06	DataFile Name :	008CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zinc	66-2	486.18	480.66	495.04	487.29	1.49	ppb
Zirconium	90-1	259.03	258.51	257.63	258.39	0.27	ppb
Zirconium	91-1	261.41	262.84	258.38	260.88	0.87	ppb

LB Number :	LB104231	Operator :	Jaswal
Lab Sample ID :	S06	Instrumnet Name :	P7
Client Sample ID :	S06	Dilution Factor :	1
Date & Time Acquired ::	2019-07-24 12:37:01	DataFile Name :	009CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	10462.62	10496.69	10380.39	10446.57	0.57	ppb
Antimony	121-1	509.98	511.60	514.85	512.14	0.48	ppb
Arsenic	75-2	509.59	498.39	505.67	504.55	1.13	ppb
Barium	135-1	2595.38	2570.92	2604.70	2590.34	0.67	ppb
Barium	137-1	2534.60	2526.42	2545.21	2535.41	0.37	ppb
Beryllium	9-1	512.69	517.09	521.20	516.99	0.82	ppb
Bismuth	209-1				103		%
Bismuth	209-2				97		%
Boron	10-1	497.82	507.15	510.88	505.29	1.33	ppb
Boron	11-1	498.94	506.30	508.57	504.60	1.00	ppb
Cadmium	111-1	487.63	492.18	502.90	494.24	1.59	ppb
Cadmium	106-1	487.78	506.77	484.77	493.11	2.42	ppb
Cadmium	108-1	506.59	507.68	517.61	510.63	1.19	ppb
Calcium	43-1	53333.73	53975.55	53936.58	53748.62	0.67	ppb
Calcium	44-1	51802.07	52259.07	52193.27	52084.81	0.47	ppb
Chromium	52-2	504.14	509.89	501.89	505.31	0.82	ppb
Cobalt	59-2	508.06	513.10	505.45	508.87	0.76	ppb
Copper	63-2	968.66	972.78	960.06	967.16	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				100		%
Holmium	165-2				98		%
Indium	115-1				94		%
Indium	115-2				88		%
Iron	56-2	26394.90	26393.08	26022.52	26270.17	0.82	ppb
Iron	57-2	26486.04	26481.03	26046.86	26337.97	0.96	ppb
Krypton	83-1						cps
Lead	206-1	494.68	491.24	489.85	491.92	0.51	ppb
Lead	207-1	495.58	489.02	492.45	492.35	0.67	ppb
Lead	208-1	507.33	502.09	505.44	504.95	0.53	ppb
Lithium	6-1				89		%
Magnesium	24-2	51412.64	51514.64	50635.28	51187.52	0.94	ppb

LB Number :	LB104231	Operator :	Jaswal
Lab Sample ID :	S06	Instrumnet Name :	P7
Client Sample ID :	S06	Dilution Factor :	1
Date & Time Acquired ::	2019-07-24 12:37:01	DataFile Name :	009CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	1013.87	1014.78	1010.85	1013.17	0.20	ppb
Molybdenum	94-1	2526.44	2500.60	2503.61	2510.21	0.56	ppb
Molybdenum	95-1	2525.10	2515.87	2514.23	2518.40	0.23	ppb
Molybdenum	96-1	2525.70	2519.65	2525.63	2523.66	0.14	ppb
Molybdenum	97-1	2507.02	2519.66	2497.24	2507.97	0.45	ppb
Molybdenum	98-1	2519.21	2523.36	2504.67	2515.75	0.39	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	515.67	515.10	501.84	510.87	1.53	ppb
Phosphorus	31-2	9988.56	10144.45	10529.42	10220.81	2.72	ppb
Potassium	39-2	25144.12	25178.23	25246.03	25189.46	0.21	ppb
Rhodium	103-1				87		%
Rhodium	103-2				86		%
Scandium	45-1				87		%
Scandium	45-2				86		%
Selenium	77-2	522.15	584.08	456.52	520.92	12.25	ppb
Selenium	78-2	523.21	509.62	500.96	511.26	2.19	ppb
Selenium	82-1	520.84	523.80	513.87	519.50	0.98	ppb
Silicon	28-1	537.30	542.46	543.91	541.22	0.64	ppb
Silver	109-1	500.99	497.61	510.20	502.93	1.30	ppb
Silver	107-1	506.26	502.38	506.82	505.15	0.48	ppb
Sodium	23-2	51541.66	51505.36	50811.72	51286.25	0.80	ppb
Strontium	86-1	508.32	508.74	509.36	508.80	0.10	ppb
Strontium	88-1	502.33	502.58	501.55	502.15	0.11	ppb
Sulfur	34-1	10107.71	10175.02	9889.55	10057.43	1.48	ppb
Terbium	159-1				99		%
Terbium	159-2				98		%
Thallium	203-1	486.05	481.75	487.28	485.02	0.60	ppb
Thallium	205-1	490.19	490.27	490.61	490.36	0.05	ppb
Thorium	232-1	491.17	487.00	482.12	486.76	0.93	ppb
Tin	118-1	505.68	513.23	517.27	512.06	1.15	ppb
Titanium	47-1	2532.47	2561.67	2575.26	2556.47	0.86	ppb
Uranium	238-1	490.01	487.74	484.66	487.47	0.55	ppb
Vanadium	51-2	505.14	505.60	492.80	501.18	1.45	ppb
Yttrium	89-1				92		%
Yttrium	89-2				88		%

LB Number :	LB104231	Operator :	Jaswal
Lab Sample ID :	S06	Instrumnet Name :	P7
Client Sample ID :	S06	Dilution Factor :	1
Date & Time Acquired ::	2019-07-24 12:37:01	DataFile Name :	009CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zinc	66-2	981.21	969.90	956.52	969.21	1.27	ppb
Zirconium	90-1	510.68	509.69	512.91	511.09	0.32	ppb
Zirconium	91-1	524.97	516.67	519.00	520.21	0.82	ppb

LB Number :	LB104231	Operator :	Jaswal
Lab Sample ID :	S07	Instrumnet Name :	P7
Client Sample ID :	S07	Dilution Factor :	1
Date & Time Acquired ::	2019-07-24 12:40:54	DataFile Name :	010CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	21181.26	20365.76	20460.66	20669.22	2.16	ppb
Antimony	121-1	983.69	987.94	997.18	989.61	0.70	ppb
Arsenic	75-2	993.52	1001.40	991.01	995.31	0.54	ppb
Barium	135-1	4933.58	4918.73	4932.14	4928.15	0.17	ppb
Barium	137-1	4918.13	4967.79	4972.67	4952.86	0.61	ppb
Beryllium	9-1	988.74	983.19	987.55	986.50	0.30	ppb
Bismuth	209-1				100		%
Bismuth	209-2				97		%
Boron	10-1	1010.76	991.28	988.27	996.77	1.23	ppb
Boron	11-1	987.20	1002.48	1000.91	996.86	0.84	ppb
Cadmium	111-1	981.30	1008.61	1006.91	998.94	1.53	ppb
Cadmium	106-1	980.63	1001.18	1024.73	1002.18	2.20	ppb
Cadmium	108-1	982.11	984.80	1004.36	990.42	1.23	ppb
Calcium	43-1	105081.92	105440.03	104307.65	104943.20	0.55	ppb
Calcium	44-1	103041.57	104115.35	102184.93	103113.95	0.94	ppb
Chromium	52-2	1008.73	989.63	986.70	995.02	1.20	ppb
Cobalt	59-2	1004.85	987.22	984.59	992.22	1.11	ppb
Copper	63-2	2046.79	2000.32	2004.85	2017.32	1.27	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				100		%
Indium	115-1				94		%
Indium	115-2				88		%
Iron	56-2	52900.16	51548.79	50820.32	51756.42	2.04	ppb
Iron	57-2	52276.57	51331.09	51169.43	51592.36	1.16	ppb
Krypton	83-1						cps
Lead	206-1	1003.62	1008.55	997.38	1003.18	0.56	ppb
Lead	207-1	1002.67	1009.65	1002.10	1004.81	0.42	ppb
Lead	208-1	995.82	1001.84	992.42	996.70	0.48	ppb
Lithium	6-1				89		%
Magnesium	24-2	103284.09	100055.97	100097.70	101145.92	1.83	ppb

LB Number :	LB104231	Operator :	Jaswal
Lab Sample ID :	S07	Instrumnet Name :	P7
Client Sample ID :	S07	Dilution Factor :	1
Date & Time Acquired ::	2019-07-24 12:40:54	DataFile Name :	010CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	2011.01	1981.23	1973.59	1988.61	0.99	ppb
Molybdenum	94-1	5004.70	4994.46	4965.04	4988.06	0.41	ppb
Molybdenum	95-1	5008.83	4989.53	4957.60	4985.32	0.52	ppb
Molybdenum	96-1	4969.53	5009.43	4964.19	4981.05	0.50	ppb
Molybdenum	97-1	4957.68	5018.46	4966.93	4981.02	0.66	ppb
Molybdenum	98-1	4995.41	5016.30	4954.94	4988.88	0.63	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	998.98	988.46	984.32	990.59	0.76	ppb
Phosphorus	31-2	19748.15	19696.18	20099.84	19848.06	1.11	ppb
Potassium	39-2	50335.12	48580.92	48838.42	49251.49	1.92	ppb
Rhodium	103-1				87		%
Rhodium	103-2				87		%
Scandium	45-1				88		%
Scandium	45-2				89		%
Selenium	77-2	1027.45	970.10	948.69	982.08	4.15	ppb
Selenium	78-2	1002.32	1004.89	967.90	991.70	2.08	ppb
Selenium	82-1	982.48	996.44	985.91	988.27	0.74	ppb
Silicon	28-1	964.40	977.76	972.65	971.60	0.69	ppb
Silver	109-1	985.89	989.46	1004.19	993.18	0.98	ppb
Silver	107-1	988.15	994.73	993.03	991.97	0.34	ppb
Sodium	23-2	103503.54	100017.72	100505.63	101342.29	1.86	ppb
Strontium	86-1	997.72	998.36	987.63	994.57	0.60	ppb
Strontium	88-1	996.32	1001.53	991.63	996.49	0.50	ppb
Sulfur	34-1	20234.50	20334.82	19788.21	20119.18	1.45	ppb
Terbium	159-1				101		%
Terbium	159-2				99		%
Thallium	203-1	1003.63	1020.89	1005.78	1010.10	0.93	ppb
Thallium	205-1	1002.98	1006.96	1003.35	1004.43	0.22	ppb
Thorium	232-1	1011.07	1012.26	1004.31	1009.21	0.42	ppb
Tin	118-1	988.29	997.87	981.80	989.32	0.82	ppb
Titanium	47-1	4972.26	4982.50	4912.49	4955.75	0.76	ppb
Uranium	238-1	1012.21	1006.92	1007.76	1008.96	0.28	ppb
Vanadium	51-2	1012.54	993.21	987.30	997.68	1.32	ppb
Yttrium	89-1				94		%
Yttrium	89-2				91		%

LB Number :	LB104231	Operator :	Jaswal
Lab Sample ID :	S07	Instrumnet Name :	P7
Client Sample ID :	S07	Dilution Factor :	1
Date & Time Acquired ::	2019-07-24 12:40:54	DataFile Name :	010CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zinc	66-2	2051.38	2012.68	1992.55	2018.87	1.48	ppb
Zirconium	90-1	990.68	1000.26	984.53	991.83	0.80	ppb
Zirconium	91-1	982.39	992.28	985.41	986.69	0.51	ppb

LB Number :	LB104231	Operator :	Jaswal
Lab Sample ID :	S08	Instrumnet Name :	P7
Client Sample ID :	S08	Dilution Factor :	1
Date & Time Acquired ::	2019-07-24 12:45:05	DataFile Name :	011CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	100042.63	100292.73	99039.58	99791.65	0.66	ppb
Antimony	121-1	1.51	1.68	1.49	1.56	6.68	ppb
Arsenic	75-2	1.28	1.18	1.27	1.24	4.41	ppb
Barium	135-1	0.61	0.51	0.54	0.55	9.43	ppb
Barium	137-1	0.66	0.56	0.50	0.57	13.86	ppb
Beryllium	9-1	0.07	0.07	0.07	0.07	1.28	ppb
Bismuth	209-1				84		%
Bismuth	209-2				81		%
Boron	10-1	63.86	53.79	54.77	57.47	9.67	ppb
Boron	11-1	61.30	53.43	52.62	55.78	8.59	ppb
Cadmium	111-1	0.05	0.05	0.19	0.09	87.50	ppb
Cadmium	106-1	-0.28	-0.10	2.79	0.81	213.40	ppb
Cadmium	108-1	0.08	-0.12	-0.12	-0.06		ppb
Calcium	43-1	495153.81	501082.69	499193.97	498476.82	0.61	ppb
Calcium	44-1	497844.87	500526.25	498902.86	499091.33	0.27	ppb
Chromium	52-2	13.94	13.55	13.41	13.64	2.02	ppb
Cobalt	59-2	11.50	11.36	11.46	11.44	0.61	ppb
Copper	63-2	2.67	2.21	2.45	2.44	9.52	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				93		%
Holmium	165-2				93		%
Indium	115-1				84		%
Indium	115-2				85		%
Iron	56-2	250951.49	250749.63	246694.21	249465.11	0.96	ppb
Iron	57-2	251590.04	249598.25	247267.52	249485.27	0.87	ppb
Krypton	83-1						cps
Lead	206-1	0.68	0.81	0.74	0.74	8.15	ppb
Lead	207-1	0.67	0.71	0.71	0.70	3.08	ppb
Lead	208-1	0.70	0.80	0.78	0.76	7.18	ppb
Lithium	6-1				83		%
Magnesium	24-2	502217.26	502717.18	493715.15	499549.86	1.01	ppb

LB Number :	LB104231	Operator :	Jaswal
Lab Sample ID :	S08	Instrumnet Name :	P7
Client Sample ID :	S08	Dilution Factor :	1
Date & Time Acquired ::	2019-07-24 12:45:05	DataFile Name :	011CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	7.79	7.55	7.34	7.56	2.99	ppb
Molybdenum	94-1	2.21	2.17	2.33	2.23	3.74	ppb
Molybdenum	95-1	2.55	2.43	2.58	2.52	3.18	ppb
Molybdenum	96-1	4.08	3.73	3.84	3.88	4.66	ppb
Molybdenum	97-1	2.49	2.38	2.49	2.46	2.64	ppb
Molybdenum	98-1	2.54	2.64	2.49	2.56	3.06	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	16.68	16.58	17.04	16.77	1.46	ppb
Phosphorus	31-2	6.56	-31.78	-32.39	-19.20		ppb
Potassium	39-2	251947.62	250581.58	247779.88	250103.03	0.85	ppb
Rhodium	103-1				76		%
Rhodium	103-2				77		%
Scandium	45-1				87		%
Scandium	45-2				89		%
Selenium	77-2	5.50	0.00	0.00	1.83	173.21	ppb
Selenium	78-2	-1.89	-1.89	0.83	-0.98		ppb
Selenium	82-1	0.36	0.68	-0.13	0.30	135.35	ppb
Silicon	28-1	29.47	29.18	27.89	28.84	2.91	ppb
Silver	109-1	0.06	0.06	0.06	0.06	0.59	ppb
Silver	107-1	0.07	0.04	0.06	0.06	24.29	ppb
Sodium	23-2	501441.00	501915.11	495264.31	499540.14	0.74	ppb
Strontium	86-1	3.71	4.27	4.69	4.22	11.57	ppb
Strontium	88-1	4.35	4.13	4.12	4.20	3.02	ppb
Sulfur	34-1	-1679.98	-1794.56	-1833.60	-1769.38		ppb
Terbium	159-1				92		%
Terbium	159-2				93		%
Thallium	203-1	0.31	0.22	0.17	0.23	29.82	ppb
Thallium	205-1	0.26	0.21	0.26	0.25	11.63	ppb
Thorium	232-1	0.40	0.33	0.26	0.33	21.76	ppb
Tin	118-1	0.54	0.43	0.19	0.39	47.05	ppb
Titanium	47-1	1.26	1.14	0.92	1.11	15.72	ppb
Uranium	238-1	0.04	0.02	0.02	0.03	32.00	ppb
Vanadium	51-2	0.06	0.19	0.11	0.12	54.46	ppb
Yttrium	89-1				87		%
Yttrium	89-2				89		%

LB Number :	LB104231	Operator :	Jaswal
Lab Sample ID :	S08	Instrumnet Name :	P7
Client Sample ID :	S08	Dilution Factor :	1
Date & Time Acquired ::	2019-07-24 12:45:05	DataFile Name :	011CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zinc	66-2	18.38	17.58	18.51	18.16	2.78	ppb
Zirconium	90-1	0.24	0.24	0.18	0.22	14.36	ppb
Zirconium	91-1	0.31	0.29	0.20	0.27	20.55	ppb

LB Number : LB104231 Operator : Jaswal
 Lab Sample ID : ICV Instrumnet Name : P7
 Client Sample ID : ICV Dilution Factor : 1
 Date & Time Acquired :: 2019-07-24 12:51:56 DataFile Name : 012ICV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	499.60	482.45	472.33	484.79	2.84	ppb
Antimony	121-1	193.26	190.29	187.87	190.47	1.42	ppb
Arsenic	75-2	193.98	198.14	195.10	195.74	1.10	ppb
Barium	135-1	101.27	97.38	97.29	98.64	2.30	ppb
Barium	137-1	98.61	98.24	95.72	97.52	1.61	ppb
Beryllium	9-1	94.99	94.65	95.42	95.02	0.41	ppb
Bismuth	209-1				105		%
Bismuth	209-2				103		%
Boron	10-1	17.24	17.90	16.39	17.18	4.38	ppb
Boron	11-1	16.85	16.16	16.02	16.34	2.70	ppb
Cadmium	111-1	95.85	96.89	92.92	95.22	2.16	ppb
Cadmium	106-1	61.98	67.56	69.20	66.24	5.71	ppb
Cadmium	108-1	100.73	101.34	100.90	100.99	0.31	ppb
Calcium	43-1	1966.49	1985.34	1973.08	1974.97	0.48	ppb
Calcium	44-1	1931.57	1947.99	1930.64	1936.73	0.50	ppb
Chromium	52-2	94.62	93.48	93.79	93.96	0.63	ppb
Cobalt	59-2	97.32	96.60	96.29	96.74	0.54	ppb
Copper	63-2	91.86	92.55	92.71	92.37	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				102		%
Holmium	165-2				101		%
Indium	115-1				100		%
Indium	115-2				98		%
Iron	56-2	1051.81	1038.74	1029.84	1040.13	1.06	ppb
Iron	57-2	1017.23	1035.81	999.73	1017.59	1.77	ppb
Krypton	83-1						cps
Lead	206-1	184.43	185.51	184.83	184.92	0.30	ppb
Lead	207-1	183.28	180.24	180.78	181.43	0.89	ppb
Lead	208-1	185.75	183.93	185.46	185.05	0.53	ppb
Lithium	6-1				97		%
Magnesium	24-2	1272.29	1264.86	1216.74	1251.30	2.41	ppb

LB Number :	LB104231	Operator :	Jaswal
Lab Sample ID :	ICV	Instrumnet Name :	P7
Client Sample ID :	ICV	Dilution Factor :	1
Date & Time Acquired ::	2019-07-24 12:51:56	DataFile Name :	012ICV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	95.28	94.36	91.73	93.79	1.97	ppb
Molybdenum	94-1	1550.56	1525.41	1534.36	1536.78	0.83	ppb
Molybdenum	95-1	2219.42	2207.67	2225.62	2217.57	0.41	ppb
Molybdenum	96-1	2143.07	2118.48	2147.50	2136.35	0.73	ppb
Molybdenum	97-1	2183.49	2129.41	2168.50	2160.47	1.29	ppb
Molybdenum	98-1	2227.00	2201.32	2228.00	2218.77	0.68	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	98.04	100.80	98.80	99.21	1.44	ppb
Phosphorus	31-2	-55.06	-27.15	-27.03	-36.41		ppb
Potassium	39-2	2012.72	1968.32	1976.63	1985.89	1.19	ppb
Rhodium	103-1				96		%
Rhodium	103-2				96		%
Scandium	45-1				98		%
Scandium	45-2				96		%
Selenium	77-2	205.85	185.63	218.46	203.31	8.15	ppb
Selenium	78-2	179.11	187.72	175.64	180.82	3.44	ppb
Selenium	82-1	191.94	183.90	188.83	188.22	2.15	ppb
Silicon	28-1	1.50	2.89	4.05	2.81	45.49	ppb
Silver	109-1	93.30	91.44	89.71	91.48	1.96	ppb
Silver	107-1	92.88	89.19	90.94	91.00	2.03	ppb
Sodium	23-2	2069.03	2029.36	2041.90	2046.76	0.99	ppb
Strontium	86-1	2.03	2.04	2.02	2.03	0.50	ppb
Strontium	88-1	2.25	2.26	2.25	2.25	0.17	ppb
Sulfur	34-1	-1896.23	-1812.98	-1932.02	-1880.41		ppb
Terbium	159-1				102		%
Terbium	159-2				101		%
Thallium	203-1	181.63	178.77	181.02	180.47	0.83	ppb
Thallium	205-1	188.71	185.99	188.58	187.76	0.82	ppb
Thorium	232-1	0.12	0.13	0.13	0.13	7.08	ppb
Tin	118-1	0.07	0.01	0.13	0.07	78.80	ppb
Titanium	47-1	2325.45	2311.42	2324.36	2320.41	0.34	ppb
Uranium	238-1	0.01	0.01	0.00	0.01	74.73	ppb
Vanadium	51-2	94.42	95.10	93.85	94.46	0.66	ppb
Yttrium	89-1				100		%
Yttrium	89-2				96		%

LB Number :	LB104231	Operator :	Jaswal
Lab Sample ID :	ICV	Instrumnet Name :	P7
Client Sample ID :	ICV	Dilution Factor :	1
Date & Time Acquired ::	2019-07-24 12:51:56	DataFile Name :	012ICV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zinc	66-2	182.84	175.61	175.90	178.12	2.30	ppb
Zirconium	90-1	0.19	0.22	0.15	0.19	18.90	ppb
Zirconium	91-1	0.18	0.24	0.14	0.19	26.02	ppb

LB Number : LB104231 Operator : Jaswal
 Lab Sample ID : ICB Instrumnet Name : P7
 Client Sample ID : ICB Dilution Factor : 1
 Date & Time Acquired :: 2019-07-24 13:02:16 DataFile Name : 014CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	-0.36	-0.78	-0.36	-0.50		ppb
Antimony	121-1	0.08	0.15	0.13	0.12	27.50	ppb
Arsenic	75-2	-0.01	-0.01	0.12	0.03	251.18	ppb
Barium	135-1	-0.01	-0.01	-0.01	-0.01		ppb
Barium	137-1	0.01	-0.01	-0.01	0.00	18903.20	ppb
Beryllium	9-1	0.02	-0.01	0.00	0.00	306.21	ppb
Bismuth	209-1				103		%
Bismuth	209-2				99		%
Boron	10-1	7.47	5.37	5.07	5.97	21.88	ppb
Boron	11-1	6.29	6.14	5.95	6.13	2.74	ppb
Cadmium	111-1	-0.03	-0.03	0.00	-0.02		ppb
Cadmium	106-1	-0.36	-0.66	0.21	-0.27		ppb
Cadmium	108-1	0.43	0.61	-0.12	0.30	124.96	ppb
Calcium	43-1	-3.47	-4.75	-2.21	-3.47		ppb
Calcium	44-1	0.44	-2.26	-3.76	-1.86		ppb
Chromium	52-2	-0.06	-0.04	-0.05	-0.05		ppb
Cobalt	59-2	-0.01	0.01	-0.01	0.00		ppb
Copper	63-2	-0.01	-0.01	0.01	0.00		ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				101		%
Holmium	165-2				98		%
Indium	115-1				97		%
Indium	115-2				94		%
Iron	56-2	-0.24	-0.10	-0.12	-0.15		ppb
Iron	57-2	2.02	2.59	2.71	2.44	15.05	ppb
Krypton	83-1						cps
Lead	206-1	0.01	0.01	0.00	0.01	85.54	ppb
Lead	207-1	0.07	0.04	0.01	0.04	68.32	ppb
Lead	208-1	0.03	0.02	0.01	0.02	45.89	ppb
Lithium	6-1				96		%
Magnesium	24-2	0.55	0.37	0.21	0.38	45.33	ppb

LB Number : LB104231 Operator : Jaswal
 Lab Sample ID : ICB Instrumnet Name : P7
 Client Sample ID : ICB Dilution Factor : 1
 Date & Time Acquired :: 2019-07-24 13:02:16 DataFile Name : 014CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	-0.01	0.00	0.02	0.00	241.11	ppb
Molybdenum	94-1	0.08	0.14	0.06	0.09	39.72	ppb
Molybdenum	95-1	0.23	0.14	0.20	0.19	23.93	ppb
Molybdenum	96-1	0.15	0.20	0.22	0.19	18.47	ppb
Molybdenum	97-1	0.19	0.20	0.16	0.18	10.68	ppb
Molybdenum	98-1	0.15	0.15	0.14	0.15	6.35	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	-0.02	-0.02	-0.04	-0.03		ppb
Phosphorus	31-2	-12.25	-33.93	2.71	-14.49		ppb
Potassium	39-2	-3.54	-3.80	-0.59	-2.64		ppb
Rhodium	103-1				95		%
Rhodium	103-2				93		%
Scandium	45-1				95		%
Scandium	45-2				95		%
Selenium	77-2	0.00	0.00	0.00	0.00	N/A	ppb
Selenium	78-2	-0.69	-2.01	-1.15	-1.28		ppb
Selenium	82-1	0.04	-0.32	-0.76	-0.35		ppb
Silicon	28-1	-2.05	-1.88	-2.31	-2.08		ppb
Silver	109-1	0.00	-0.01	0.01	0.00		ppb
Silver	107-1	0.01	0.00	0.02	0.01	150.85	ppb
Sodium	23-2	18.98	19.15	21.67	19.93	7.57	ppb
Strontium	86-1	-0.01	0.00	0.00	0.00		ppb
Strontium	88-1	0.00	0.00	0.00	0.00	145.35	ppb
Sulfur	34-1	-1586.01	-1598.74	-1528.05	-1570.93		ppb
Terbium	159-1				100		%
Terbium	159-2				97		%
Thallium	203-1	0.06	0.02	0.02	0.04	68.34	ppb
Thallium	205-1	0.04	0.05	0.09	0.06	38.02	ppb
Thorium	232-1	0.02	0.02	0.01	0.01	22.78	ppb
Tin	118-1	0.00	0.03	0.06	0.03	116.22	ppb
Titanium	47-1	-0.04	0.10	0.10	0.05	161.65	ppb
Uranium	238-1	0.00	0.00	0.00	0.00		ppb
Vanadium	51-2	0.01	-0.01	-0.01	0.00		ppb
Yttrium	89-1				98		%
Yttrium	89-2				94		%

LB Number :	LB104231	Operator :	Jaswal
Lab Sample ID :	ICB	Instrumnet Name :	P7
Client Sample ID :	ICB	Dilution Factor :	1
Date & Time Acquired ::	2019-07-24 13:02:16	DataFile Name :	014CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zinc	66-2	-0.15	-0.31	-0.04	-0.17		ppb
Zirconium	90-1	-0.03	-0.01	-0.03	-0.02		ppb
Zirconium	91-1	-0.08	-0.02	-0.03	-0.04		ppb

LB Number :	LB104231	Operator :	Jaswal
Lab Sample ID :	ICSA	Instrumnet Name :	P7
Client Sample ID :	ICSA	Dilution Factor :	1
Date & Time Acquired ::	2019-07-24 13:05:53	DataFile Name :	015ICSA.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	90826.38	91302.21	89290.53	90473.04	1.16	ppb
Antimony	121-1	1.28	0.95	1.03	1.09	15.64	ppb
Arsenic	75-2	0.26	0.40	0.17	0.28	42.07	ppb
Barium	135-1	1.49	1.34	1.77	1.53	14.10	ppb
Barium	137-1	1.57	1.69	1.49	1.58	6.32	ppb
Beryllium	9-1	0.30	0.29	0.36	0.32	11.89	ppb
Bismuth	209-1				99		%
Bismuth	209-2				95		%
Boron	10-1	5.72	6.58	6.40	6.23	7.28	ppb
Boron	11-1	7.30	6.36	6.51	6.72	7.56	ppb
Cadmium	111-1	0.56	0.85	0.59	0.66	23.84	ppb
Cadmium	106-1	-1.28	-1.83	-0.95	-1.35		ppb
Cadmium	108-1	13.66	12.08	14.30	13.35	8.58	ppb
Calcium	43-1	103378.82	101312.13	101103.11	101931.35	1.23	ppb
Calcium	44-1	102668.36	100877.71	102894.45	102146.84	1.08	ppb
Chromium	52-2	19.40	19.79	19.39	19.53	1.19	ppb
Cobalt	59-2	1.38	1.27	1.12	1.26	10.25	ppb
Copper	63-2	7.25	7.29	6.71	7.08	4.62	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				104		%
Holmium	165-2				100		%
Indium	115-1				94		%
Indium	115-2				91		%
Iron	56-2	103741.44	104103.56	102513.35	103452.79	0.81	ppb
Iron	57-2	104172.05	104454.04	103766.94	104131.01	0.33	ppb
Krypton	83-1						cps
Lead	206-1	4.74	5.03	4.99	4.92	3.18	ppb
Lead	207-1	4.11	3.84	4.08	4.01	3.60	ppb
Lead	208-1	4.53	4.35	4.57	4.48	2.67	ppb
Lithium	6-1				93		%
Magnesium	24-2	103081.70	103487.85	101920.02	102829.86	0.79	ppb

LB Number :	LB104231	Operator :	Jaswal
Lab Sample ID :	ICSA	Instrumnet Name :	P7
Client Sample ID :	ICSA	Dilution Factor :	1
Date & Time Acquired ::	2019-07-24 13:05:53	DataFile Name :	015ICSA.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	7.72	7.81	7.85	7.79	0.90	ppb
Molybdenum	94-1	1273.73	1250.14	1264.32	1262.73	0.94	ppb
Molybdenum	95-1	1815.48	1813.04	1848.29	1825.60	1.08	ppb
Molybdenum	96-1	1763.35	1744.52	1786.04	1764.63	1.18	ppb
Molybdenum	97-1	1780.53	1735.54	1771.50	1762.53	1.35	ppb
Molybdenum	98-1	1822.24	1815.59	1850.84	1829.56	1.02	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	5.26	5.62	5.63	5.50	3.85	ppb
Phosphorus	31-2	93819.40	96125.28	94440.03	94794.90	1.26	ppb
Potassium	39-2	100360.43	100039.64	99121.05	99840.37	0.64	ppb
Rhodium	103-1				87		%
Rhodium	103-2				87		%
Scandium	45-1				92		%
Scandium	45-2				93		%
Selenium	77-2	2.64	0.00	0.00	0.88	173.21	ppb
Selenium	78-2	-0.23	-0.24	1.02	0.18	393.04	ppb
Selenium	82-1	0.20	-0.21	-0.67	-0.23		ppb
Silicon	28-1	22.96	23.38	24.83	23.73	4.14	ppb
Silver	109-1	0.01	0.05	0.03	0.03	54.93	ppb
Silver	107-1	0.01	0.02	0.04	0.03	52.47	ppb
Sodium	23-2	103938.26	103878.99	102806.26	103541.17	0.62	ppb
Strontium	86-1	33.66	34.22	33.38	33.75	1.27	ppb
Strontium	88-1	33.65	33.14	33.86	33.55	1.10	ppb
Sulfur	34-1	104241.78	101851.91	103554.29	103215.99	1.19	ppb
Terbium	159-1				102		%
Terbium	159-2				99		%
Thallium	203-1	0.08	0.07	0.12	0.09	32.28	ppb
Thallium	205-1	0.08	0.11	0.14	0.11	25.34	ppb
Thorium	232-1	0.02	0.01	0.02	0.02	27.06	ppb
Tin	118-1	0.17	0.19	0.19	0.18	6.72	ppb
Titanium	47-1	2049.49	1991.98	2012.18	2017.88	1.45	ppb
Uranium	238-1	0.01	0.02	0.01	0.02	29.70	ppb
Vanadium	51-2	0.18	0.17	0.16	0.17	7.92	ppb
Yttrium	89-1				97		%
Yttrium	89-2				93		%

LB Number :	LB104231	Operator :	Jaswal
Lab Sample ID :	ICSA	Instrumnet Name :	P7
Client Sample ID :	ICSA	Dilution Factor :	1
Date & Time Acquired ::	2019-07-24 13:05:53	DataFile Name :	015ICSA.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zinc	66-2	13.77	12.38	13.05	13.07	5.30	ppb
Zirconium	90-1	-0.01	0.01	0.00	0.00	526.66	ppb
Zirconium	91-1	-0.08	-0.02	-0.03	-0.04		ppb

LB Number :	LB104231	Operator :	Jaswal
Lab Sample ID :	ICSAB	Instrumnet Name :	P7
Client Sample ID :	ICSAB	Dilution Factor :	1
Date & Time Acquired ::	2019-07-24 13:09:30	DataFile Name :	016ICSB.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	93027.19	90164.30	91498.59	91563.36	1.56	ppb
Antimony	121-1	20.32	20.04	20.31	20.22	0.79	ppb
Arsenic	75-2	18.32	22.02	18.29	19.54	10.99	ppb
Barium	135-1	21.04	20.93	21.15	21.04	0.52	ppb
Barium	137-1	22.12	21.67	20.17	21.32	4.79	ppb
Beryllium	9-1	19.91	20.24	20.09	20.08	0.82	ppb
Bismuth	209-1				101		%
Bismuth	209-2				96		%
Boron	10-1	59.63	62.02	60.24	60.63	2.05	ppb
Boron	11-1	60.81	59.03	60.60	60.15	1.61	ppb
Cadmium	111-1	18.20	18.09	17.65	17.98	1.63	ppb
Cadmium	106-1	25.18	17.86	22.27	21.77	16.93	ppb
Cadmium	108-1	35.83	36.81	33.61	35.42	4.62	ppb
Calcium	43-1	103439.41	104072.90	103845.97	103786.09	0.31	ppb
Calcium	44-1	102494.31	104920.70	105150.79	104188.60	1.41	ppb
Chromium	52-2	39.91	39.34	39.72	39.66	0.73	ppb
Cobalt	59-2	21.60	20.71	20.96	21.09	2.20	ppb
Copper	63-2	25.74	25.93	25.41	25.70	1.03	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				106		%
Holmium	165-2				102		%
Indium	115-1				96		%
Indium	115-2				92		%
Iron	56-2	105838.20	102524.73	103637.31	104000.08	1.62	ppb
Iron	57-2	106585.57	104106.03	104893.03	105194.88	1.20	ppb
Krypton	83-1						cps
Lead	206-1	24.99	25.38	26.21	25.52	2.43	ppb
Lead	207-1	23.35	23.14	23.62	23.37	1.04	ppb
Lead	208-1	24.45	24.35	24.47	24.42	0.27	ppb
Lithium	6-1				93		%
Magnesium	24-2	105286.62	102689.14	103453.98	103809.91	1.29	ppb

LB Number :	LB104231	Operator :	Jaswal
Lab Sample ID :	ICSAB	Instrumnet Name :	P7
Client Sample ID :	ICSAB	Dilution Factor :	1
Date & Time Acquired ::	2019-07-24 13:09:30	DataFile Name :	016ICSB.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	26.43	27.17	27.44	27.02	1.93	ppb
Molybdenum	94-1	1392.41	1367.88	1352.82	1371.04	1.46	ppb
Molybdenum	95-1	1903.53	1884.89	1878.49	1888.97	0.69	ppb
Molybdenum	96-1	1843.83	1830.12	1815.02	1829.66	0.79	ppb
Molybdenum	97-1	1862.59	1814.65	1790.19	1822.48	2.02	ppb
Molybdenum	98-1	1898.11	1877.25	1878.42	1884.60	0.62	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	24.86	24.14	25.34	24.78	2.43	ppb
Phosphorus	31-2	96064.35	94182.84	97667.20	95971.47	1.82	ppb
Potassium	39-2	102304.32	99347.11	100938.83	100863.42	1.47	ppb
Rhodium	103-1				88		%
Rhodium	103-2				88		%
Scandium	45-1				93		%
Scandium	45-2				94		%
Selenium	77-2	18.29	13.02	23.07	18.13	27.75	ppb
Selenium	78-2	18.05	11.01	18.91	15.99	27.10	ppb
Selenium	82-1	19.05	18.27	18.27	18.53	2.44	ppb
Silicon	28-1	69.76	72.79	72.81	71.79	2.44	ppb
Silver	109-1	18.02	17.92	17.21	17.72	2.48	ppb
Silver	107-1	18.40	18.51	17.72	18.21	2.35	ppb
Sodium	23-2	106197.10	103661.11	104203.26	104687.16	1.28	ppb
Strontium	86-1	93.70	90.85	89.78	91.44	2.21	ppb
Strontium	88-1	95.24	93.87	93.05	94.05	1.18	ppb
Sulfur	34-1	105076.72	105635.22	105650.80	105454.25	0.31	ppb
Terbium	159-1				105		%
Terbium	159-2				101		%
Thallium	203-1	19.54	19.14	19.71	19.46	1.49	ppb
Thallium	205-1	20.03	20.28	19.78	20.03	1.26	ppb
Thorium	232-1	0.07	0.06	0.08	0.07	16.03	ppb
Tin	118-1	48.96	49.74	49.49	49.40	0.81	ppb
Titanium	47-1	2068.78	2102.72	2089.14	2086.88	0.82	ppb
Uranium	238-1	52.67	51.99	52.20	52.28	0.67	ppb
Vanadium	51-2	20.43	20.12	19.99	20.18	1.12	ppb
Yttrium	89-1				98		%
Yttrium	89-2				94		%

LB Number :	LB104231	Operator :	Jaswal
Lab Sample ID :	ICSAB	Instrumnet Name :	P7
Client Sample ID :	ICSAB	Dilution Factor :	1
Date & Time Acquired ::	2019-07-24 13:09:30	DataFile Name :	016ICSB.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zinc	66-2	29.79	31.24	27.97	29.67	5.53	ppb
Zirconium	90-1	52.16	48.82	47.88	49.62	4.53	ppb
Zirconium	91-1	50.23	48.47	50.12	49.61	1.99	ppb

LB Number :	LB104231	Operator :	Jaswal
Lab Sample ID :	CCV047	Instrumnet Name :	P7
Client Sample ID :	CCV047	Dilution Factor :	1
Date & Time Acquired ::	2019-07-24 13:13:08	DataFile Name :	017CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	55930.84	55337.31	55722.71	55663.62	0.54	ppb
Antimony	121-1	506.92	507.07	504.07	506.02	0.33	ppb
Arsenic	75-2	540.95	542.98	549.03	544.32	0.77	ppb
Barium	135-1	2544.89	2551.90	2533.56	2543.45	0.36	ppb
Barium	137-1	2551.20	2551.49	2565.21	2555.97	0.31	ppb
Beryllium	9-1	506.95	509.22	506.53	507.57	0.29	ppb
Bismuth	209-1				100		%
Bismuth	209-2				94		%
Boron	10-1	484.75	490.61	494.68	490.01	1.02	ppb
Boron	11-1	479.28	493.58	491.61	488.16	1.59	ppb
Cadmium	111-1	535.16	533.07	533.71	533.98	0.20	ppb
Cadmium	106-1	538.71	522.32	528.21	529.75	1.57	ppb
Cadmium	108-1	524.67	529.21	526.95	526.94	0.43	ppb
Calcium	43-1	252344.75	256704.18	256392.49	255147.14	0.95	ppb
Calcium	44-1	252632.78	256667.31	255597.95	254966.01	0.82	ppb
Chromium	52-2	499.50	495.85	496.39	497.24	0.40	ppb
Cobalt	59-2	490.76	487.22	486.69	488.22	0.45	ppb
Copper	63-2	997.06	993.29	993.66	994.67	0.21	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				107		%
Holmium	165-2				103		%
Indium	115-1				96		%
Indium	115-2				92		%
Iron	56-2	127409.28	125393.68	125945.65	126249.54	0.83	ppb
Iron	57-2	129803.23	128435.78	128950.79	129063.27	0.54	ppb
Krypton	83-1						cps
Lead	206-1	502.13	509.42	503.54	505.03	0.77	ppb
Lead	207-1	501.33	501.71	508.30	503.78	0.78	ppb
Lead	208-1	513.88	516.31	519.84	516.68	0.58	ppb
Lithium	6-1				96		%
Magnesium	24-2	251001.88	248146.21	248288.17	249145.42	0.65	ppb

LB Number :	LB104231	Operator :	Jaswal
Lab Sample ID :	CCV047	Instrumnet Name :	P7
Client Sample ID :	CCV047	Dilution Factor :	1
Date & Time Acquired ::	2019-07-24 13:13:08	DataFile Name :	017CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	993.53	977.30	982.72	984.52	0.84	ppb
Molybdenum	94-1	2538.29	2582.20	2546.35	2555.61	0.91	ppb
Molybdenum	95-1	2531.57	2570.59	2576.20	2559.45	0.95	ppb
Molybdenum	96-1	2547.02	2578.74	2555.70	2560.49	0.64	ppb
Molybdenum	97-1	2466.48	2471.43	2438.14	2458.68	0.73	ppb
Molybdenum	98-1	2511.15	2557.47	2540.47	2536.36	0.92	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	481.87	479.70	474.26	478.61	0.82	ppb
Phosphorus	31-2	10072.85	10170.78	9879.67	10041.10	1.48	ppb
Potassium	39-2	125702.23	123659.63	124403.32	124588.39	0.83	ppb
Rhodium	103-1				87		%
Rhodium	103-2				87		%
Scandium	45-1				96		%
Scandium	45-2				99		%
Selenium	77-2	526.42	510.30	482.23	506.32	4.42	ppb
Selenium	78-2	506.18	509.21	511.86	509.08	0.56	ppb
Selenium	82-1	500.27	496.27	499.11	498.55	0.41	ppb
Silicon	28-1	490.34	509.39	507.63	502.45	2.10	ppb
Silver	109-1	524.54	530.68	527.25	527.49	0.58	ppb
Silver	107-1	528.79	525.97	524.60	526.45	0.41	ppb
Sodium	23-2	255208.07	251863.23	250127.53	252399.61	1.02	ppb
Strontium	86-1	525.14	520.50	523.76	523.13	0.46	ppb
Strontium	88-1	524.68	530.62	529.64	528.31	0.60	ppb
Sulfur	34-1	9185.59	9695.55	9446.95	9442.70	2.70	ppb
Terbium	159-1				105		%
Terbium	159-2				102		%
Thallium	203-1	497.10	495.63	502.05	498.26	0.67	ppb
Thallium	205-1	507.57	514.04	520.16	513.92	1.22	ppb
Thorium	232-1	525.21	530.08	531.03	528.77	0.59	ppb
Tin	118-1	498.84	497.68	493.95	496.82	0.51	ppb
Titanium	47-1	2575.17	2557.74	2539.75	2557.56	0.69	ppb
Uranium	238-1	524.48	527.97	531.05	527.83	0.62	ppb
Vanadium	51-2	502.09	500.02	499.74	500.62	0.26	ppb
Yttrium	89-1				100		%
Yttrium	89-2				96		%

LB Number :	LB104231	Operator :	Jaswal
Lab Sample ID :	CCV047	Instrumnet Name :	P7
Client Sample ID :	CCV047	Dilution Factor :	1
Date & Time Acquired ::	2019-07-24 13:13:08	DataFile Name :	017CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zinc	66-2	987.26	995.01	998.99	993.76	0.60	ppb
Zirconium	90-1	495.34	508.15	491.22	498.24	1.77	ppb
Zirconium	91-1	511.45	503.19	518.48	511.04	1.50	ppb

LB Number : LB104231 Operator : Jaswal
 Lab Sample ID : CCB047 Instrumnet Name : P7
 Client Sample ID : CCB047 Dilution Factor : 1
 Date & Time Acquired :: 2019-07-24 13:16:45 DataFile Name : 018CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	3.98	0.03	1.19	1.74	116.89	ppb
Antimony	121-1	0.57	0.64	0.66	0.62	7.85	ppb
Arsenic	75-2	0.03	0.03	-0.01	0.02	167.10	ppb
Barium	135-1	0.30	0.30	0.11	0.24	48.28	ppb
Barium	137-1	0.29	0.37	0.24	0.30	21.51	ppb
Beryllium	9-1	0.06	0.09	0.06	0.07	18.63	ppb
Bismuth	209-1				106		%
Bismuth	209-2				103		%
Boron	10-1	20.96	16.64	16.45	18.01	14.16	ppb
Boron	11-1	20.93	19.10	16.72	18.92	11.15	ppb
Cadmium	111-1	0.14	0.06	0.04	0.08	70.32	ppb
Cadmium	106-1	1.66	-0.99	-0.61	0.02	6850.58	ppb
Cadmium	108-1	-0.12	-0.12	0.23	0.00		ppb
Calcium	43-1	30.71	33.72	16.71	27.05	33.58	ppb
Calcium	44-1	30.35	24.98	20.58	25.30	19.33	ppb
Chromium	52-2	0.01	0.01	-0.03	0.00		ppb
Cobalt	59-2	0.02	0.00	0.01	0.01	101.19	ppb
Copper	63-2	0.05	0.12	0.27	0.15	74.73	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				105		%
Holmium	165-2				101		%
Indium	115-1				100		%
Indium	115-2				97		%
Iron	56-2	7.10	6.93	5.13	6.38	17.08	ppb
Iron	57-2	7.30	7.48	6.63	7.14	6.27	ppb
Krypton	83-1						cps
Lead	206-1	0.19	0.09	0.14	0.14	33.04	ppb
Lead	207-1	0.16	0.19	0.19	0.18	10.68	ppb
Lead	208-1	0.19	0.15	0.18	0.17	10.67	ppb
Lithium	6-1				97		%
Magnesium	24-2	15.74	11.28	10.31	12.44	23.26	ppb

LB Number :	LB104231	Operator :	Jaswal
Lab Sample ID :	CCB047	Instrumnet Name :	P7
Client Sample ID :	CCB047	Dilution Factor :	1
Date & Time Acquired ::	2019-07-24 13:16:45	DataFile Name :	018CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	0.04	0.04	0.07	0.05	38.28	ppb
Molybdenum	94-1	0.50	0.50	0.29	0.43	28.17	ppb
Molybdenum	95-1	0.59	0.50	0.44	0.51	14.46	ppb
Molybdenum	96-1	0.63	0.57	0.59	0.60	5.74	ppb
Molybdenum	97-1	0.64	0.48	0.52	0.55	15.25	ppb
Molybdenum	98-1	0.69	0.55	0.53	0.59	14.80	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.09	-0.04	-0.02	0.01	822.72	ppb
Phosphorus	31-2	-34.66	-13.18	-14.43	-20.76		ppb
Potassium	39-2	19.83	10.88	18.73	16.48	29.60	ppb
Rhodium	103-1				97		%
Rhodium	103-2				96		%
Scandium	45-1				98		%
Scandium	45-2				98		%
Selenium	77-2	0.00	0.00	0.00	0.00	N/A	ppb
Selenium	78-2	-3.36	-2.12	-2.52	-2.66		ppb
Selenium	82-1	-0.45	-0.54	-0.63	-0.54		ppb
Silicon	28-1	-1.78	-1.97	-1.57	-1.77		ppb
Silver	109-1	0.10	0.14	0.05	0.09	48.68	ppb
Silver	107-1	0.08	0.05	0.06	0.07	23.75	ppb
Sodium	23-2	58.69	57.22	50.01	55.30	8.40	ppb
Strontium	86-1	-0.02	-0.02	0.05	0.00	1241.21	ppb
Strontium	88-1	0.06	0.03	0.05	0.05	29.53	ppb
Sulfur	34-1	-1856.01	-1821.72	-1794.83	-1824.19		ppb
Terbium	159-1				104		%
Terbium	159-2				100		%
Thallium	203-1	0.12	0.17	0.12	0.14	22.13	ppb
Thallium	205-1	0.16	0.15	0.14	0.15	7.33	ppb
Thorium	232-1	0.11	0.11	0.13	0.12	8.60	ppb
Tin	118-1	0.14	0.08	0.15	0.12	33.32	ppb
Titanium	47-1	0.33	0.42	0.24	0.33	28.34	ppb
Uranium	238-1	0.06	0.03	0.03	0.04	45.38	ppb
Vanadium	51-2	0.01	0.01	0.02	0.02	47.68	ppb
Yttrium	89-1				102		%
Yttrium	89-2				97		%

LB Number :	LB104231	Operator :	Jaswal
Lab Sample ID :	CCB047	Instrumnet Name :	P7
Client Sample ID :	CCB047	Dilution Factor :	1
Date & Time Acquired ::	2019-07-24 13:16:45	DataFile Name :	018CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zinc	66-2	-0.02	0.09	0.12	0.07	116.42	ppb
Zirconium	90-1	0.03	0.07	0.07	0.06	37.85	ppb
Zirconium	91-1	0.08	0.05	-0.02	0.04	139.49	ppb

LB Number : LB104231 Operator : Jaswal
 Lab Sample ID : PB121532BL Instrumnet Name : P7
 Client Sample ID : PBS532 Dilution Factor : 1
 Date & Time Acquired :: 2019-07-24 13:20:21 DataFile Name : 019CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	0.77	-0.39	0.76	0.38	176.74	ppb
Antimony	121-1	0.16	0.10	0.16	0.14	22.90	ppb
Arsenic	75-2	-0.01	-0.01	-0.01	-0.01		ppb
Barium	135-1	-0.01	-0.01	0.02	0.00		ppb
Barium	137-1	0.01	-0.01	-0.01	0.00		ppb
Beryllium	9-1	-0.01	0.02	-0.01	0.00	5138.98	ppb
Bismuth	209-1				107		%
Bismuth	209-2				103		%
Boron	10-1	10.33	11.18	9.59	10.37	7.68	ppb
Boron	11-1	10.38	10.80	9.37	10.18	7.19	ppb
Cadmium	111-1	-0.02	-0.09	-0.01	-0.04		ppb
Cadmium	106-1	-1.98	-3.43	-1.25	-2.22		ppb
Cadmium	108-1	-0.12	0.05	-0.12	-0.06		ppb
Calcium	43-1	-0.08	-2.54	-0.03	-0.88		ppb
Calcium	44-1	0.89	-0.31	-0.62	-0.02		ppb
Chromium	52-2	-0.07	0.05	0.04	0.01	1310.16	ppb
Cobalt	59-2	-0.01	-0.01	0.00	-0.01		ppb
Copper	63-2	0.02	0.12	0.07	0.07	68.87	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				106		%
Holmium	165-2				102		%
Indium	115-1				102		%
Indium	115-2				99		%
Iron	56-2	0.63	-0.18	-0.09	0.12	371.60	ppb
Iron	57-2	2.91	5.21	4.64	4.26	28.14	ppb
Krypton	83-1						cps
Lead	206-1	0.04	0.11	0.07	0.07	43.01	ppb
Lead	207-1	0.13	0.06	0.09	0.09	39.94	ppb
Lead	208-1	0.10	0.09	0.09	0.09	6.97	ppb
Lithium	6-1				99		%
Magnesium	24-2	0.65	0.64	-0.17	0.37	126.13	ppb

LB Number :	LB104231	Operator :	Jaswal
Lab Sample ID :	PB121532BL	Instrumnet Name :	P7
Client Sample ID :	PBS532	Dilution Factor :	1
Date & Time Acquired ::	2019-07-24 13:20:21	DataFile Name :	019CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	0.06	0.01	0.00	0.02	115.34	ppb
Molybdenum	94-1	0.03	0.08	0.19	0.10	78.21	ppb
Molybdenum	95-1	0.08	0.11	0.09	0.09	16.90	ppb
Molybdenum	96-1	0.15	0.04	0.04	0.08	77.41	ppb
Molybdenum	97-1	0.09	0.07	0.10	0.09	20.14	ppb
Molybdenum	98-1	0.10	0.14	0.09	0.11	24.44	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	-0.04	-0.04	-0.02	-0.03		ppb
Phosphorus	31-2	-35.42	-42.21	-9.08	-28.90		ppb
Potassium	39-2	11.87	4.51	3.54	6.64	68.63	ppb
Rhodium	103-1				100		%
Rhodium	103-2				98		%
Scandium	45-1				101		%
Scandium	45-2				101		%
Selenium	77-2	0.00	0.00	0.00	0.00	N/A	ppb
Selenium	78-2	-2.97	-0.50	-0.87	-1.45		ppb
Selenium	82-1	0.03	0.08	-1.43	-0.44		ppb
Silicon	28-1	-3.28	-4.20	-3.05	-3.51		ppb
Silver	109-1	0.02	0.03	0.03	0.03	25.51	ppb
Silver	107-1	0.02	0.02	0.04	0.03	40.74	ppb
Sodium	23-2	35.21	35.92	30.89	34.01	8.00	ppb
Strontium	86-1	-0.01	0.03	0.04	0.02	119.46	ppb
Strontium	88-1	0.01	0.01	0.01	0.01	42.12	ppb
Sulfur	34-1	-1409.80	-1634.92	-1429.57	-1491.43		ppb
Terbium	159-1				105		%
Terbium	159-2				101		%
Thallium	203-1	0.04	0.04	0.00	0.02	75.49	ppb
Thallium	205-1	0.04	0.05	0.03	0.04	25.95	ppb
Thorium	232-1	0.02	0.02	0.03	0.02	19.87	ppb
Tin	118-1	-0.01	0.04	0.03	0.02	116.04	ppb
Titanium	47-1	-0.02	0.01	-0.02	-0.01		ppb
Uranium	238-1	0.00	0.00	0.00	0.00	188.73	ppb
Vanadium	51-2	0.00	-0.01	0.00	0.00		ppb
Yttrium	89-1				104		%
Yttrium	89-2				98		%

LB Number :	LB104231	Operator :	Jaswal
Lab Sample ID :	PB121532BL	Instrumnet Name :	P7
Client Sample ID :	PBS532	Dilution Factor :	1
Date & Time Acquired ::	2019-07-24 13:20:21	DataFile Name :	019CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zinc	66-2	-0.23	-0.28	-0.24	-0.25		ppb
Zirconium	90-1	0.00	-0.02	0.00	-0.01		ppb
Zirconium	91-1	-0.05	-0.01	-0.05	-0.04		ppb

LB Number :	LB104231	Operator :	Jaswal
Lab Sample ID :	PB121532BS	Instrumnet Name :	P7
Client Sample ID :	LCS532	Dilution Factor :	1
Date & Time Acquired ::	2019-07-24 13:23:57	DataFile Name :	020LCSE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	48.99	31.31	34.92	38.41	24.32	ppb
Antimony	121-1	3.73	3.57	3.40	3.57	4.72	ppb
Arsenic	75-2	2.45	2.14	1.91	2.17	12.57	ppb
Barium	135-1	19.70	18.51	19.40	19.21	3.22	ppb
Barium	137-1	20.12	18.31	19.82	19.41	5.00	ppb
Beryllium	9-1	1.85	2.02	1.83	1.90	5.68	ppb
Bismuth	209-1				108		%
Bismuth	209-2				104		%
Boron	10-1	48.39	47.71	49.38	48.49	1.73	ppb
Boron	11-1	49.42	51.68	49.52	50.21	2.54	ppb
Cadmium	111-1	1.65	1.70	1.74	1.69	2.49	ppb
Cadmium	106-1	0.45	2.37	-1.14	0.56	313.61	ppb
Cadmium	108-1	2.28	1.07	1.53	1.63	37.63	ppb
Calcium	43-1	984.51	975.97	994.94	985.14	0.96	ppb
Calcium	44-1	987.78	966.70	936.68	963.72	2.66	ppb
Chromium	52-2	3.68	3.73	3.56	3.66	2.44	ppb
Cobalt	59-2	1.95	2.06	1.85	1.96	5.17	ppb
Copper	63-2	3.82	3.24	3.52	3.53	8.16	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				109		%
Holmium	165-2				103		%
Indium	115-1				104		%
Indium	115-2				100		%
Iron	56-2	426.84	418.92	405.16	416.97	2.63	ppb
Iron	57-2	433.07	420.11	426.38	426.52	1.52	ppb
Krypton	83-1						cps
Lead	206-1	1.86	1.70	1.72	1.76	5.03	ppb
Lead	207-1	1.93	1.83	2.00	1.92	4.44	ppb
Lead	208-1	1.91	1.88	1.88	1.89	0.82	ppb
Lithium	6-1				102		%
Magnesium	24-2	1105.99	1060.87	1054.28	1073.71	2.62	ppb

LB Number :	LB104231	Operator :	Jaswal
Lab Sample ID :	PB121532BS	Instrumnet Name :	P7
Client Sample ID :	LCS532	Dilution Factor :	1
Date & Time Acquired ::	2019-07-24 13:23:57	DataFile Name :	020LCSE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	1.95	1.86	1.90	1.91	2.39	ppb
Molybdenum	94-1	9.17	8.40	8.97	8.85	4.52	ppb
Molybdenum	95-1	9.54	8.82	9.13	9.16	3.95	ppb
Molybdenum	96-1	9.05	8.95	9.13	9.04	1.02	ppb
Molybdenum	97-1	9.47	8.85	8.41	8.91	5.98	ppb
Molybdenum	98-1	9.37	9.11	8.54	9.01	4.73	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	2.05	2.42	1.99	2.15	10.91	ppb
Phosphorus	31-2	96.60	159.58	63.74	106.64	45.67	ppb
Potassium	39-2	1020.79	990.17	977.25	996.07	2.25	ppb
Rhodium	103-1				103		%
Rhodium	103-2				100		%
Scandium	45-1				104		%
Scandium	45-2				104		%
Selenium	77-2	12.19	29.10	4.79	15.36	81.11	ppb
Selenium	78-2	3.91	8.32	7.36	6.53	35.53	ppb
Selenium	82-1	10.08	9.90	7.61	9.20	14.98	ppb
Silicon	28-1	13.37	13.68	12.64	13.23	4.01	ppb
Silver	109-1	2.02	1.95	2.07	2.01	2.99	ppb
Silver	107-1	2.08	2.02	2.03	2.04	1.65	ppb
Sodium	23-2	1076.47	1026.52	1035.18	1046.06	2.55	ppb
Strontium	86-1	1.90	1.59	1.91	1.80	10.01	ppb
Strontium	88-1	1.89	1.83	1.79	1.84	2.90	ppb
Sulfur	34-1	-1280.36	-1296.74	-1402.92	-1326.68		ppb
Terbium	159-1				108		%
Terbium	159-2				103		%
Thallium	203-1	1.93	1.73	1.75	1.80	5.89	ppb
Thallium	205-1	1.85	1.66	1.75	1.75	5.58	ppb
Thorium	232-1	1.69	1.76	1.61	1.69	4.31	ppb
Tin	118-1	9.90	9.36	9.43	9.56	3.08	ppb
Titanium	47-1	11.03	10.06	9.80	10.30	6.31	ppb
Uranium	238-1	1.74	1.73	1.64	1.70	3.08	ppb
Vanadium	51-2	10.39	9.41	9.51	9.77	5.55	ppb
Yttrium	89-1				108		%
Yttrium	89-2				101		%

LB Number :	LB104231	Operator :	Jaswal
Lab Sample ID :	PB121532BS	Instrumnet Name :	P7
Client Sample ID :	LCS532	Dilution Factor :	1
Date & Time Acquired ::	2019-07-24 13:23:57	DataFile Name :	020LCSE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zinc	66-2	3.71	3.79	4.23	3.91	7.15	ppb
Zirconium	90-1	1.82	1.80	1.69	1.77	4.01	ppb
Zirconium	91-1	1.79	1.75	1.93	1.82	5.28	ppb

LB Number :	LB104231	Operator :	Jaswal
Lab Sample ID :	PB121503BL	Instrumnet Name :	P7
Client Sample ID :	PBW503	Dilution Factor :	1
Date & Time Acquired ::	2019-07-24 13:27:33	DataFile Name :	021CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	0.76	1.48	1.09	1.11	32.65	ppb
Antimony	121-1	0.06	0.05	0.06	0.06	14.76	ppb
Arsenic	75-2	0.03	-0.01	-0.01	0.00	19242.91	ppb
Barium	135-1	-0.01	0.05	-0.01	0.01	373.12	ppb
Barium	137-1	-0.01	-0.01	-0.01	-0.01		ppb
Beryllium	9-1	-0.02	-0.02	0.00	-0.01		ppb
Bismuth	209-1				107		%
Bismuth	209-2				102		%
Boron	10-1	6.67	4.58	5.44	5.56	18.90	ppb
Boron	11-1	6.19	6.13	5.19	5.84	9.67	ppb
Cadmium	111-1	-0.02	0.03	-0.02	-0.01		ppb
Cadmium	106-1	-0.80	1.70	-0.95	-0.02		ppb
Cadmium	108-1	-0.12	0.05	0.05	-0.01		ppb
Calcium	43-1	8.01	11.53	11.39	10.31	19.34	ppb
Calcium	44-1	10.92	9.10	10.49	10.17	9.36	ppb
Chromium	52-2	-0.06	0.01	-0.06	-0.04		ppb
Cobalt	59-2	-0.01	0.00	0.00	0.00		ppb
Copper	63-2	0.07	0.02	-0.01	0.03	137.64	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				107		%
Holmium	165-2				101		%
Indium	115-1				103		%
Indium	115-2				99		%
Iron	56-2	4.46	5.24	5.38	5.03	9.89	ppb
Iron	57-2	9.30	6.79	1.04	5.71	74.21	ppb
Krypton	83-1						cps
Lead	206-1	0.06	0.05	0.09	0.07	36.37	ppb
Lead	207-1	0.02	0.05	0.08	0.05	61.31	ppb
Lead	208-1	0.04	0.04	0.07	0.05	28.97	ppb
Lithium	6-1				102		%
Magnesium	24-2	9.69	11.08	9.27	10.01	9.49	ppb

LB Number :	LB104231	Operator :	Jaswal
Lab Sample ID :	PB121503BL	Instrumnet Name :	P7
Client Sample ID :	PBW503	Dilution Factor :	1
Date & Time Acquired ::	2019-07-24 13:27:33	DataFile Name :	021CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	-0.02	0.06	0.00	0.01	285.93	ppb
Molybdenum	94-1	-0.02	0.04	0.04	0.02	175.53	ppb
Molybdenum	95-1	0.07	0.00	0.05	0.04	101.06	ppb
Molybdenum	96-1	0.09	0.06	0.05	0.07	29.55	ppb
Molybdenum	97-1	0.00	0.02	0.02	0.01	96.78	ppb
Molybdenum	98-1	0.03	0.03	0.06	0.04	37.50	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.00	0.02	0.00	0.00	239.65	ppb
Phosphorus	31-2	-15.76	-23.12	-23.40	-20.76		ppb
Potassium	39-2	10.45	10.01	14.41	11.62	20.87	ppb
Rhodium	103-1				102		%
Rhodium	103-2				99		%
Scandium	45-1				104		%
Scandium	45-2				103		%
Selenium	77-2	0.00	0.00	0.00	0.00	N/A	ppb
Selenium	78-2	-0.94	-0.99	-1.80	-1.24		ppb
Selenium	82-1	-0.40	-0.53	-0.22	-0.39		ppb
Silicon	28-1	-3.05	-3.80	-3.99	-3.61		ppb
Silver	109-1	0.01	-0.01	0.00	0.00	566.27	ppb
Silver	107-1	0.00	0.01	0.02	0.01	92.66	ppb
Sodium	23-2	30.74	30.81	29.90	30.48	1.66	ppb
Strontium	86-1	-0.01	0.06	0.02	0.02	154.87	ppb
Strontium	88-1	0.01	0.01	0.01	0.01	31.68	ppb
Sulfur	34-1	-1162.44	-1377.46	-1381.25	-1307.05		ppb
Terbium	159-1				106		%
Terbium	159-2				101		%
Thallium	203-1	-0.01	0.06	0.02	0.02	167.66	ppb
Thallium	205-1	0.03	0.02	0.01	0.02	58.94	ppb
Thorium	232-1	0.02	0.01	0.01	0.01	19.43	ppb
Tin	118-1	-0.01	-0.03	0.01	-0.01		ppb
Titanium	47-1	0.01	-0.05	-0.02	-0.02		ppb
Uranium	238-1	0.00	0.00	0.00	0.00		ppb
Vanadium	51-2	0.00	0.01	-0.01	0.00		ppb
Yttrium	89-1				107		%
Yttrium	89-2				100		%

LB Number :	LB104231	Operator :	Jaswal
Lab Sample ID :	PB121503BL	Instrumnet Name :	P7
Client Sample ID :	PBW503	Dilution Factor :	1
Date & Time Acquired ::	2019-07-24 13:27:33	DataFile Name :	021CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zinc	66-2	-0.24	-0.24	-0.11	-0.20		ppb
Zirconium	90-1	0.00	0.01	0.01	0.01	85.24	ppb
Zirconium	91-1	-0.01	-0.01	-0.04	-0.02		ppb

LB Number :	LB104231	Operator :	Jaswal
Lab Sample ID :	PB121503BS	Instrumnet Name :	P7
Client Sample ID :	LCS503	Dilution Factor :	1
Date & Time Acquired ::	2019-07-24 13:31:09	DataFile Name :	022LCSE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	45.32	43.58	39.38	42.76	7.15	ppb
Antimony	121-1	3.96	3.45	3.86	3.76	7.10	ppb
Arsenic	75-2	1.92	2.31	2.05	2.09	9.45	ppb
Barium	135-1	19.89	20.25	18.91	19.68	3.50	ppb
Barium	137-1	19.66	20.29	19.80	19.92	1.64	ppb
Beryllium	9-1	2.07	1.97	2.01	2.02	2.40	ppb
Bismuth	209-1				104		%
Bismuth	209-2				101		%
Boron	10-1	49.66	47.18	51.97	49.61	4.84	ppb
Boron	11-1	49.49	50.78	51.37	50.55	1.90	ppb
Cadmium	111-1	1.84	1.68	1.79	1.77	4.47	ppb
Cadmium	106-1	4.61	2.34	-2.69	1.42	262.58	ppb
Cadmium	108-1	1.79	2.32	1.44	1.85	24.05	ppb
Calcium	43-1	945.29	1001.23	1049.12	998.55	5.20	ppb
Calcium	44-1	981.23	980.68	967.92	976.61	0.77	ppb
Chromium	52-2	4.09	4.36	3.79	4.08	7.06	ppb
Cobalt	59-2	2.06	2.25	2.13	2.14	4.55	ppb
Copper	63-2	3.43	3.94	4.01	3.79	8.32	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				105		%
Holmium	165-2				100		%
Indium	115-1				102		%
Indium	115-2				99		%
Iron	56-2	439.60	444.75	433.61	439.32	1.27	ppb
Iron	57-2	455.34	427.89	418.16	433.80	4.44	ppb
Krypton	83-1						cps
Lead	206-1	1.89	1.94	1.81	1.88	3.54	ppb
Lead	207-1	1.83	1.86	2.03	1.91	5.74	ppb
Lead	208-1	1.92	1.92	1.91	1.92	0.40	ppb
Lithium	6-1				100		%
Magnesium	24-2	1107.34	1149.37	1096.00	1117.57	2.52	ppb

LB Number :	LB104231	Operator :	Jaswal
Lab Sample ID :	PB121503BS	Instrumnet Name :	P7
Client Sample ID :	LCS503	Dilution Factor :	1
Date & Time Acquired ::	2019-07-24 13:31:09	DataFile Name :	022LCSE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	1.93	1.87	2.02	1.94	3.95	ppb
Molybdenum	94-1	10.24	8.82	9.75	9.60	7.53	ppb
Molybdenum	95-1	9.80	9.11	9.58	9.50	3.73	ppb
Molybdenum	96-1	9.08	9.56	8.75	9.13	4.51	ppb
Molybdenum	97-1	8.98	9.48	9.28	9.25	2.75	ppb
Molybdenum	98-1	9.26	9.08	8.80	9.05	2.54	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	2.12	2.21	1.91	2.08	7.44	ppb
Phosphorus	31-2	36.62	116.21	48.10	66.98	64.23	ppb
Potassium	39-2	1063.54	1033.42	1061.91	1052.96	1.61	ppb
Rhodium	103-1				100		%
Rhodium	103-2				98		%
Scandium	45-1				103		%
Scandium	45-2				103		%
Selenium	77-2	7.40	12.11	7.24	8.92	31.04	ppb
Selenium	78-2	10.60	9.52	7.45	9.19	17.37	ppb
Selenium	82-1	10.31	9.23	9.64	9.73	5.59	ppb
Silicon	28-1	14.09	14.87	14.75	14.57	2.90	ppb
Silver	109-1	2.34	2.13	2.30	2.25	4.94	ppb
Silver	107-1	2.43	2.11	2.04	2.19	9.45	ppb
Sodium	23-2	1070.23	1075.07	1066.21	1070.50	0.41	ppb
Strontium	86-1	2.09	1.71	1.88	1.89	10.09	ppb
Strontium	88-1	1.89	1.90	1.87	1.89	0.86	ppb
Sulfur	34-1	-573.27	-369.97	-486.08	-476.44		ppb
Terbium	159-1				105		%
Terbium	159-2				100		%
Thallium	203-1	1.71	1.65	1.85	1.74	6.08	ppb
Thallium	205-1	1.87	1.78	1.89	1.84	3.23	ppb
Thorium	232-1	1.78	1.76	1.76	1.77	0.60	ppb
Tin	118-1	10.22	10.69	9.63	10.18	5.20	ppb
Titanium	47-1	9.86	9.86	9.25	9.65	3.66	ppb
Uranium	238-1	1.82	1.86	1.84	1.84	1.06	ppb
Vanadium	51-2	10.41	10.70	10.36	10.49	1.79	ppb
Yttrium	89-1				106		%
Yttrium	89-2				101		%

LB Number :	LB104231	Operator :	Jaswal
Lab Sample ID :	PB121503BS	Instrumnet Name :	P7
Client Sample ID :	LCS503	Dilution Factor :	1
Date & Time Acquired ::	2019-07-24 13:31:09	DataFile Name :	022LCSE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zinc	66-2	3.79	3.13	3.96	3.63	12.04	ppb
Zirconium	90-1	1.72	1.80	1.59	1.70	6.17	ppb
Zirconium	91-1	1.82	1.92	1.94	1.89	3.53	ppb

LB Number : LB104231 Operator : Jaswal
 Lab Sample ID : PB121496BL Instrumnet Name : P7
 Client Sample ID : PBW496 Dilution Factor : 1
 Date & Time Acquired :: 2019-07-24 13:34:46 DataFile Name : 023CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	-0.78	-0.39	-0.40	-0.52		ppb
Antimony	121-1	0.03	0.03	-0.01	0.02	119.62	ppb
Arsenic	75-2	0.03	-0.01	-0.01	0.00	10043.75	ppb
Barium	135-1	0.02	0.05	-0.01	0.02	153.21	ppb
Barium	137-1	-0.01	0.01	0.01	0.01	179.12	ppb
Beryllium	9-1	0.00	-0.02	0.02	0.00		ppb
Bismuth	209-1				102		%
Bismuth	209-2				99		%
Boron	10-1	5.95	5.12	5.65	5.58	7.52	ppb
Boron	11-1	5.92	6.82	5.47	6.07	11.35	ppb
Cadmium	111-1	-0.01	0.08	-0.01	0.02	230.62	ppb
Cadmium	106-1	-0.74	3.13	-0.16	0.74	280.36	ppb
Cadmium	108-1	-0.12	-0.12	-0.12	-0.12		ppb
Calcium	43-1	-3.73	-3.72	-6.11	-4.52		ppb
Calcium	44-1	0.25	-0.26	1.37	0.45	182.72	ppb
Chromium	52-2	0.01	0.03	-0.09	-0.02		ppb
Cobalt	59-2	-0.01	0.00	0.00	0.00		ppb
Copper	63-2	0.03	-0.05	0.01	0.00		ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				104		%
Holmium	165-2				98		%
Indium	115-1				100		%
Indium	115-2				97		%
Iron	56-2	0.21	0.05	0.03	0.09	104.95	ppb
Iron	57-2	-1.22	-0.62	1.06	-0.26		ppb
Krypton	83-1						cps
Lead	206-1	0.03	0.01	0.04	0.02	60.32	ppb
Lead	207-1	0.08	0.08	0.02	0.06	64.82	ppb
Lead	208-1	0.03	0.05	0.04	0.04	24.72	ppb
Lithium	6-1				99		%
Magnesium	24-2	0.15	1.29	1.09	0.84	72.48	ppb

LB Number :	LB104231	Operator :	Jaswal
Lab Sample ID :	PB121496BL	Instrumnet Name :	P7
Client Sample ID :	PBW496	Dilution Factor :	1
Date & Time Acquired ::	2019-07-24 13:34:46	DataFile Name :	023CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	0.00	0.01	0.00	0.01	96.94	ppb
Molybdenum	94-1	0.02	0.01	0.10	0.04	119.81	ppb
Molybdenum	95-1	-0.01	0.00	0.00	-0.01		ppb
Molybdenum	96-1	-0.02	0.04	0.04	0.02	181.57	ppb
Molybdenum	97-1	0.02	0.02	0.02	0.02	1.50	ppb
Molybdenum	98-1	0.01	0.04	0.00	0.02	99.83	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	-0.06	-0.02	0.00	-0.03		ppb
Phosphorus	31-2	-22.77	-48.78	-55.56	-42.37		ppb
Potassium	39-2	7.14	5.89	2.29	5.11	49.36	ppb
Rhodium	103-1				100		%
Rhodium	103-2				97		%
Scandium	45-1				102		%
Scandium	45-2				103		%
Selenium	77-2	0.00	0.00	0.00	0.00	N/A	ppb
Selenium	78-2	-0.49	-0.49	-1.31	-0.76		ppb
Selenium	82-1	-0.83	0.25	-0.35	-0.31		ppb
Silicon	28-1	-2.58	-2.60	-3.51	-2.90		ppb
Silver	109-1	0.00	0.00	0.00	0.00		ppb
Silver	107-1	0.01	0.01	0.02	0.01	42.93	ppb
Sodium	23-2	21.52	17.25	16.02	18.26	15.83	ppb
Strontium	86-1	0.01	-0.04	-0.06	-0.03		ppb
Strontium	88-1	0.01	0.01	0.01	0.01	43.56	ppb
Sulfur	34-1	-85.06	-237.94	-208.98	-177.33		ppb
Terbium	159-1				104		%
Terbium	159-2				98		%
Thallium	203-1	0.01	0.02	0.01	0.01	61.29	ppb
Thallium	205-1	0.03	0.05	0.04	0.04	19.70	ppb
Thorium	232-1	0.00	0.01	0.01	0.01	56.10	ppb
Tin	118-1	0.02	0.00	0.00	0.01	113.51	ppb
Titanium	47-1	0.03	0.01	0.09	0.04	95.29	ppb
Uranium	238-1	0.00	0.00	0.00	0.00		ppb
Vanadium	51-2	-0.01	-0.01	-0.01	-0.01		ppb
Yttrium	89-1				104		%
Yttrium	89-2				99		%

LB Number :	LB104231	Operator :	Jaswal
Lab Sample ID :	PB121496BL	Instrumnet Name :	P7
Client Sample ID :	PBW496	Dilution Factor :	1
Date & Time Acquired ::	2019-07-24 13:34:46	DataFile Name :	023CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zinc	66-2	-0.43	-0.23	-0.43	-0.37		ppb
Zirconium	90-1	-0.02	-0.02	0.00	-0.01		ppb
Zirconium	91-1	-0.08	-0.06	-0.08	-0.07		ppb

LB Number :	LB104231	Operator :	Jaswal
Lab Sample ID :	PB121496BS	Instrumnet Name :	P7
Client Sample ID :	LCS496	Dilution Factor :	1
Date & Time Acquired ::	2019-07-24 13:38:22	DataFile Name :	024LCSE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	37.58	42.43	40.11	40.04	6.06	ppb
Antimony	121-1	3.95	3.92	3.73	3.87	3.01	ppb
Arsenic	75-2	1.62	2.07	1.52	1.74	17.13	ppb
Barium	135-1	20.76	19.92	19.60	20.09	2.98	ppb
Barium	137-1	21.05	20.01	20.17	20.41	2.73	ppb
Beryllium	9-1	2.05	2.19	1.92	2.05	6.62	ppb
Bismuth	209-1				104		%
Bismuth	209-2				101		%
Boron	10-1	45.46	49.82	48.56	47.95	4.69	ppb
Boron	11-1	47.31	48.99	50.22	48.84	2.99	ppb
Cadmium	111-1	2.11	2.03	1.88	2.01	5.67	ppb
Cadmium	106-1	0.93	-0.48	0.13	0.19	367.36	ppb
Cadmium	108-1	1.10	1.59	1.78	1.49	23.68	ppb
Calcium	43-1	1040.68	1044.11	989.09	1024.63	3.01	ppb
Calcium	44-1	981.00	994.14	1008.19	994.44	1.37	ppb
Chromium	52-2	4.08	4.08	4.08	4.08	0.08	ppb
Cobalt	59-2	1.94	1.96	1.87	1.93	2.57	ppb
Copper	63-2	3.72	3.89	3.62	3.75	3.66	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				106		%
Holmium	165-2				100		%
Indium	115-1				102		%
Indium	115-2				100		%
Iron	56-2	441.39	432.38	435.15	436.31	1.06	ppb
Iron	57-2	443.13	421.88	443.68	436.23	2.85	ppb
Krypton	83-1						cps
Lead	206-1	1.81	1.70	1.64	1.72	5.19	ppb
Lead	207-1	1.85	1.91	1.64	1.80	7.97	ppb
Lead	208-1	1.91	1.82	1.75	1.83	4.15	ppb
Lithium	6-1				103		%
Magnesium	24-2	1126.49	1072.17	1122.22	1106.96	2.73	ppb

LB Number :	LB104231	Operator :	Jaswal
Lab Sample ID :	PB121496BS	Instrumnet Name :	P7
Client Sample ID :	LCS496	Dilution Factor :	1
Date & Time Acquired ::	2019-07-24 13:38:22	DataFile Name :	024LCSE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	1.98	2.19	1.89	2.02	7.72	ppb
Molybdenum	94-1	9.22	8.89	8.32	8.81	5.18	ppb
Molybdenum	95-1	9.36	9.05	9.14	9.18	1.71	ppb
Molybdenum	96-1	9.09	9.11	8.93	9.04	1.13	ppb
Molybdenum	97-1	8.72	9.68	9.50	9.30	5.47	ppb
Molybdenum	98-1	9.58	8.97	9.48	9.34	3.53	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	1.89	2.05	1.91	1.95	4.49	ppb
Phosphorus	31-2	41.84	40.86	143.34	75.35	78.15	ppb
Potassium	39-2	1022.65	1013.76	1034.89	1023.76	1.04	ppb
Rhodium	103-1				101		%
Rhodium	103-2				99		%
Scandium	45-1				103		%
Scandium	45-2				104		%
Selenium	77-2	7.38	21.98	7.30	12.22	69.13	ppb
Selenium	78-2	7.69	7.60	10.41	8.56	18.63	ppb
Selenium	82-1	10.27	7.31	7.86	8.48	18.57	ppb
Silicon	28-1	14.53	15.05	15.01	14.87	1.93	ppb
Silver	109-1	2.15	2.19	2.15	2.16	1.23	ppb
Silver	107-1	2.44	1.97	2.00	2.14	12.39	ppb
Sodium	23-2	1060.38	1057.99	1074.97	1064.45	0.86	ppb
Strontium	86-1	2.11	2.03	1.93	2.02	4.56	ppb
Strontium	88-1	1.95	1.79	1.86	1.87	4.29	ppb
Sulfur	34-1	-865.26	-865.76	-859.67	-863.56		ppb
Terbium	159-1				105		%
Terbium	159-2				100		%
Thallium	203-1	1.71	1.73	1.77	1.74	1.71	ppb
Thallium	205-1	1.89	1.79	2.03	1.91	6.34	ppb
Thorium	232-1	1.70	1.73	1.71	1.71	0.83	ppb
Tin	118-1	10.50	9.18	10.41	10.03	7.34	ppb
Titanium	47-1	10.39	10.52	10.06	10.32	2.32	ppb
Uranium	238-1	1.73	1.71	1.87	1.77	5.04	ppb
Vanadium	51-2	10.42	9.86	10.20	10.16	2.76	ppb
Yttrium	89-1				107		%
Yttrium	89-2				100		%

LB Number :	LB104231	Operator :	Jaswal
Lab Sample ID :	PB121496BS	Instrumnet Name :	P7
Client Sample ID :	LCS496	Dilution Factor :	1
Date & Time Acquired ::	2019-07-24 13:38:22	DataFile Name :	024LCSE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zinc	66-2	3.40	2.75	3.31	3.15	11.10	ppb
Zirconium	90-1	1.73	1.73	1.78	1.75	1.67	ppb
Zirconium	91-1	1.85	1.70	1.95	1.83	7.06	ppb

LB Number : LB104231 Operator : Jaswal
 Lab Sample ID : PB121428BL Instrumnet Name : P7
 Client Sample ID : PBW428 Dilution Factor : 1
 Date & Time Acquired :: 2019-07-24 13:41:59 DataFile Name : 025CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	-0.02	-0.41	-0.02	-0.15		ppb
Antimony	121-1	0.02	0.00	0.03	0.01	81.29	ppb
Arsenic	75-2	0.07	0.07	-0.01	0.04	115.71	ppb
Barium	135-1	0.02	0.05	-0.01	0.02	156.19	ppb
Barium	137-1	0.04	0.03	0.01	0.03	60.00	ppb
Beryllium	9-1	0.01	0.02	-0.01	0.00	363.44	ppb
Bismuth	209-1				104		%
Bismuth	209-2				100		%
Boron	10-1	4.77	4.29	2.77	3.94	26.48	ppb
Boron	11-1	4.33	3.95	4.26	4.18	4.86	ppb
Cadmium	111-1	-0.08	-0.03	0.00	-0.04		ppb
Cadmium	106-1	-2.34	-0.65	-0.55	-1.18		ppb
Cadmium	108-1	0.22	0.05	-0.12	0.05	345.68	ppb
Calcium	43-1	-6.15	-3.79	-2.62	-4.19		ppb
Calcium	44-1	0.81	-0.91	1.57	0.49	259.49	ppb
Chromium	52-2	-0.04	-0.02	-0.03	-0.03		ppb
Cobalt	59-2	0.00	0.00	-0.01	0.00		ppb
Copper	63-2	0.01	0.01	-0.05	-0.01		ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				107		%
Holmium	165-2				100		%
Indium	115-1				102		%
Indium	115-2				100		%
Iron	56-2	-0.06	-0.33	-0.11	-0.17		ppb
Iron	57-2	1.06	0.95	2.21	1.41	49.66	ppb
Krypton	83-1						cps
Lead	206-1	0.00	-0.01	0.00	0.00		ppb
Lead	207-1	-0.01	0.00	0.01	0.00	2104.34	ppb
Lead	208-1	0.02	0.01	0.02	0.02	52.51	ppb
Lithium	6-1				103		%
Magnesium	24-2	-0.02	0.27	0.46	0.24	100.71	ppb

LB Number :	LB104231	Operator :	Jaswal
Lab Sample ID :	PB121428BL	Instrumnet Name :	P7
Client Sample ID :	PBW428	Dilution Factor :	1
Date & Time Acquired ::	2019-07-24 13:41:59	DataFile Name :	025CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	0.00	-0.01	0.01	0.00	397.58	ppb
Molybdenum	94-1	0.00	0.00	0.09	0.03	153.03	ppb
Molybdenum	95-1	-0.01	0.01	0.03	0.01	350.49	ppb
Molybdenum	96-1	0.02	0.02	0.08	0.04	76.71	ppb
Molybdenum	97-1	0.03	0.02	0.05	0.03	51.77	ppb
Molybdenum	98-1	0.02	0.00	0.01	0.01	77.49	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	-0.04	0.03	-0.04	-0.02		ppb
Phosphorus	31-2	-42.58	-30.67	-29.59	-34.28		ppb
Potassium	39-2	0.63	-4.24	2.61	-0.33		ppb
Rhodium	103-1				103		%
Rhodium	103-2				99		%
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	-0.56	-3.03	-2.22	-1.93		ppb
Selenium	82-1	0.12	-1.10	-0.75	-0.58		ppb
Silicon	28-1	-3.40	-2.10	-2.73	-2.74		ppb
Silver	109-1	0.01	0.01	0.01	0.01	1.06	ppb
Silver	107-1	0.01	0.02	0.01	0.01	43.39	ppb
Sodium	23-2	8.61	10.76	12.24	10.54	17.30	ppb
Strontium	86-1	-0.03	0.00	0.00	-0.01		ppb
Strontium	88-1	0.01	0.01	0.01	0.01	29.20	ppb
Sulfur	34-1	-967.51	-823.57	-1022.40	-937.83		ppb
Terbium	159-1				106		%
Terbium	159-2				100		%
Thallium	203-1	0.05	-0.02	0.02	0.02	221.86	ppb
Thallium	205-1	0.03	-0.01	0.02	0.01	125.37	ppb
Thorium	232-1	0.01	0.01	0.01	0.01	17.05	ppb
Tin	118-1	0.01	0.01	0.00	0.01	58.30	ppb
Titanium	47-1	0.03	0.03	0.03	0.03	1.47	ppb
Uranium	238-1	0.00	0.00	0.00	0.00		ppb
Vanadium	51-2	0.00	0.00	-0.01	0.00		ppb
Yttrium	89-1				107		%
Yttrium	89-2				101		%

LB Number :	LB104231	Operator :	Jaswal
Lab Sample ID :	PB121428BL	Instrumnet Name :	P7
Client Sample ID :	PBW428	Dilution Factor :	1
Date & Time Acquired ::	2019-07-24 13:41:59	DataFile Name :	025CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zinc	66-2	-0.39	-0.21	-0.24	-0.28		ppb
Zirconium	90-1	-0.02	0.00	-0.02	-0.01		ppb
Zirconium	91-1	-0.06	-0.04	-0.01	-0.04		ppb

LB Number : LB104231 Operator : Jaswal
 Lab Sample ID : PB121428BS Instrumnet Name : P7
 Client Sample ID : LCS428 Dilution Factor : 1
 Date & Time Acquired :: 2019-07-24 13:45:36 DataFile Name : 026LCSE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	42.43	46.19	54.18	47.60	12.62	ppb
Antimony	121-1	3.61	3.86	3.58	3.68	4.15	ppb
Arsenic	75-2	1.93	1.97	2.61	2.17	17.81	ppb
Barium	135-1	18.89	20.35	19.72	19.65	3.74	ppb
Barium	137-1	20.31	19.27	19.65	19.75	2.66	ppb
Beryllium	9-1	2.02	2.12	1.97	2.04	3.67	ppb
Bismuth	209-1				103		%
Bismuth	209-2				96		%
Boron	10-1	49.20	48.10	47.10	48.14	2.18	ppb
Boron	11-1	48.95	47.58	50.48	49.00	2.96	ppb
Cadmium	111-1	1.79	1.91	2.00	1.90	5.56	ppb
Cadmium	106-1	0.38	1.57	0.56	0.84	76.33	ppb
Cadmium	108-1	1.61	1.79	1.26	1.55	17.30	ppb
Calcium	43-1	996.16	956.74	1007.51	986.80	2.70	ppb
Calcium	44-1	978.08	988.69	978.08	981.62	0.62	ppb
Chromium	52-2	3.89	4.02	4.25	4.05	4.50	ppb
Cobalt	59-2	1.92	2.20	2.15	2.09	7.22	ppb
Copper	63-2	3.81	3.52	4.07	3.80	7.24	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				106		%
Holmium	165-2				95		%
Indium	115-1				101		%
Indium	115-2				95		%
Iron	56-2	429.22	433.50	494.08	452.27	8.02	ppb
Iron	57-2	413.14	407.04	500.44	440.20	11.87	ppb
Krypton	83-1						cps
Lead	206-1	1.86	1.84	1.91	1.87	2.02	ppb
Lead	207-1	1.85	1.99	1.78	1.87	5.77	ppb
Lead	208-1	1.87	1.86	1.80	1.84	2.13	ppb
Lithium	6-1				102		%
Magnesium	24-2	1108.69	1141.46	1242.59	1164.25	5.99	ppb

LB Number :	LB104231	Operator :	Jaswal
Lab Sample ID :	PB121428BS	Instrumnet Name :	P7
Client Sample ID :	LCS428	Dilution Factor :	1
Date & Time Acquired ::	2019-07-24 13:45:36	DataFile Name :	026LCSE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	2.12	1.83	2.27	2.07	10.78	ppb
Molybdenum	94-1	8.98	8.96	9.07	9.00	0.67	ppb
Molybdenum	95-1	9.56	9.91	9.08	9.52	4.35	ppb
Molybdenum	96-1	8.70	9.24	8.97	8.97	3.02	ppb
Molybdenum	97-1	9.43	9.78	9.44	9.55	2.07	ppb
Molybdenum	98-1	8.76	9.41	9.05	9.07	3.63	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	2.13	2.39	2.67	2.40	11.31	ppb
Phosphorus	31-2	110.10	16.42	142.36	89.63	72.99	ppb
Potassium	39-2	1037.94	1039.56	1174.10	1083.87	7.21	ppb
Rhodium	103-1				100		%
Rhodium	103-2				94		%
Scandium	45-1				104		%
Scandium	45-2				100		%
Selenium	77-2	9.66	14.80	5.58	10.02	46.13	ppb
Selenium	78-2	8.68	12.25	11.20	10.71	17.15	ppb
Selenium	82-1	10.07	9.61	9.42	9.70	3.45	ppb
Silicon	28-1	15.07	16.19	14.66	15.30	5.18	ppb
Silver	109-1	2.14	1.83	2.02	2.00	7.76	ppb
Silver	107-1	2.17	2.14	2.18	2.16	0.93	ppb
Sodium	23-2	1046.10	1061.10	1199.75	1102.32	7.68	ppb
Strontium	86-1	1.70	1.69	2.02	1.81	10.52	ppb
Strontium	88-1	1.94	1.85	1.83	1.87	3.15	ppb
Sulfur	34-1	-582.33	-327.10	-709.68	-539.70		ppb
Terbium	159-1				105		%
Terbium	159-2				95		%
Thallium	203-1	1.60	1.58	1.57	1.58	1.00	ppb
Thallium	205-1	1.94	1.84	1.88	1.88	2.64	ppb
Thorium	232-1	1.71	1.64	1.73	1.70	2.84	ppb
Tin	118-1	10.03	9.69	10.15	9.96	2.43	ppb
Titanium	47-1	9.95	11.16	10.17	10.42	6.17	ppb
Uranium	238-1	1.74	1.78	1.66	1.73	3.42	ppb
Vanadium	51-2	9.87	10.50	11.20	10.52	6.35	ppb
Yttrium	89-1				107		%
Yttrium	89-2				96		%

LB Number :	LB104231	Operator :	Jaswal
Lab Sample ID :	PB121428BS	Instrumnet Name :	P7
Client Sample ID :	LCS428	Dilution Factor :	1
Date & Time Acquired ::	2019-07-24 13:45:36	DataFile Name :	026LCSE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zinc	66-2	3.56	3.43	4.54	3.84	15.86	ppb
Zirconium	90-1	1.63	1.81	1.64	1.69	6.04	ppb
Zirconium	91-1	1.76	1.82	1.86	1.81	2.56	ppb

LB Number :	LB104231	Operator :	Jaswal
Lab Sample ID :	K3766-10	Instrumnet Name :	P7
Client Sample ID :	MA52T5	Dilution Factor :	1
Date & Time Acquired ::	2019-07-24 13:49:13	DataFile Name :	027SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	290.47	310.13	287.09	295.90	4.20	ppb
Antimony	121-1	6.62	5.80	6.43	6.28	6.86	ppb
Arsenic	75-2	7.63	7.06	8.50	7.73	9.36	ppb
Barium	135-1	54.70	59.50	53.85	56.01	5.44	ppb
Barium	137-1	56.54	55.60	55.42	55.85	1.07	ppb
Beryllium	9-1	4.24	4.23	3.96	4.14	3.86	ppb
Bismuth	209-1				105		%
Bismuth	209-2				101		%
Boron	10-1	5.79	5.32	3.92	5.01	19.45	ppb
Boron	11-1	5.43	5.08	4.36	4.95	11.03	ppb
Cadmium	111-1	3.43	3.40	3.73	3.52	5.20	ppb
Cadmium	106-1	2.57	2.60	0.69	1.95	56.21	ppb
Cadmium	108-1	3.27	4.46	3.76	3.83	15.67	ppb
Calcium	43-1	249.23	270.42	249.83	256.49	4.70	ppb
Calcium	44-1	244.10	258.78	235.35	246.07	4.81	ppb
Chromium	52-2	8.16	8.46	8.28	8.30	1.82	ppb
Cobalt	59-2	6.18	6.34	6.00	6.18	2.77	ppb
Copper	63-2	8.27	8.41	8.33	8.34	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				108		%
Holmium	165-2				101		%
Indium	115-1				103		%
Indium	115-2				101		%
Iron	56-2	162.54	163.83	161.23	162.53	0.80	ppb
Iron	57-2	160.87	171.84	158.72	163.81	4.30	ppb
Krypton	83-1						cps
Lead	206-1	6.39	6.34	6.23	6.32	1.29	ppb
Lead	207-1	6.06	6.17	6.00	6.08	1.44	ppb
Lead	208-1	6.24	6.22	6.17	6.21	0.51	ppb
Lithium	6-1				105		%
Magnesium	24-2	94.00	94.10	91.09	93.06	1.83	ppb

LB Number :	LB104231	Operator :	Jaswal
Lab Sample ID :	K3766-10	Instrumnet Name :	P7
Client Sample ID :	MA52T5	Dilution Factor :	1
Date & Time Acquired ::	2019-07-24 13:49:13	DataFile Name :	027SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	7.24	7.20	6.59	7.01	5.24	ppb
Molybdenum	94-1	1.06	1.10	1.19	1.12	6.10	ppb
Molybdenum	95-1	0.04	0.04	0.08	0.05	46.94	ppb
Molybdenum	96-1	0.20	0.26	0.16	0.21	24.61	ppb
Molybdenum	97-1	0.01	0.06	0.01	0.03	91.50	ppb
Molybdenum	98-1	0.04	0.05	0.07	0.05	30.18	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	5.94	6.15	6.37	6.16	3.49	ppb
Phosphorus	31-2	-24.57	-43.02	-12.90	-26.83		ppb
Potassium	39-2	106.74	97.86	95.77	100.12	5.82	ppb
Rhodium	103-1				102		%
Rhodium	103-2				101		%
Scandium	45-1				106		%
Scandium	45-2				108		%
Selenium	77-2	31.45	9.54	18.94	19.98	55.02	ppb
Selenium	78-2	18.39	14.48	20.66	17.84	17.53	ppb
Selenium	82-1	18.22	16.58	18.12	17.64	5.20	ppb
Silicon	28-1	220.87	220.77	219.88	220.50	0.25	ppb
Silver	109-1	3.90	3.83	4.01	3.91	2.29	ppb
Silver	107-1	3.98	4.01	4.16	4.05	2.44	ppb
Sodium	23-2	69.05	71.93	66.44	69.14	3.97	ppb
Strontium	86-1	2.37	2.27	2.09	2.25	6.31	ppb
Strontium	88-1	2.53	2.45	2.34	2.44	3.86	ppb
Sulfur	34-1	-920.10	-911.36	-1026.66	-952.71		ppb
Terbium	159-1				108		%
Terbium	159-2				102		%
Thallium	203-1	3.32	3.43	3.95	3.57	9.38	ppb
Thallium	205-1	3.49	3.59	3.69	3.59	2.81	ppb
Thorium	232-1	0.22	0.23	0.21	0.22	5.72	ppb
Tin	118-1	0.27	0.26	0.31	0.28	9.25	ppb
Titanium	47-1	2.84	2.96	2.40	2.73	10.69	ppb
Uranium	238-1	0.07	0.04	0.04	0.05	33.73	ppb
Vanadium	51-2	19.47	20.09	19.50	19.68	1.76	ppb
Yttrium	89-1				109		%
Yttrium	89-2				103		%

LB Number :	LB104231	Operator :	Jaswal
Lab Sample ID :	K3766-10	Instrumnet Name :	P7
Client Sample ID :	MA52T5	Dilution Factor :	1
Date & Time Acquired ::	2019-07-24 13:49:13	DataFile Name :	027SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zinc	66-2	15.35	15.09	16.70	15.71	5.48	ppb
Zirconium	90-1	0.80	0.74	0.81	0.78	4.77	ppb
Zirconium	91-1	0.65	1.04	0.86	0.85	22.94	ppb

LB Number :	LB104231	Operator :	Jaswal
Lab Sample ID :	K3766-01	Instrumnet Name :	P7
Client Sample ID :	MA52G6	Dilution Factor :	1
Date & Time Acquired ::	2019-07-24 13:52:48	DataFile Name :	028SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	8130.91	8127.00	8117.44	8125.12	0.09	ppb
Antimony	121-1	0.17	0.18	0.14	0.16	12.21	ppb
Arsenic	75-2	111.19	113.03	109.31	111.18	1.67	ppb
Barium	135-1	40.36	39.61	40.03	40.00	0.94	ppb
Barium	137-1	39.01	39.15	37.70	38.62	2.07	ppb
Beryllium	9-1	1.27	1.30	1.23	1.27	2.92	ppb
Bismuth	209-1				107		%
Bismuth	209-2				104		%
Boron	10-1	3.80	2.78	2.58	3.06	21.47	ppb
Boron	11-1	4.03	3.50	3.83	3.79	6.99	ppb
Cadmium	111-1	0.01	0.16	0.10	0.09	86.69	ppb
Cadmium	106-1	1.30	1.62	2.86	1.93	42.83	ppb
Cadmium	108-1	2.85	3.04	3.84	3.25	16.23	ppb
Calcium	43-1	2094.82	2055.16	2020.27	2056.75	1.81	ppb
Calcium	44-1	2069.29	2037.77	2039.80	2048.95	0.86	ppb
Chromium	52-2	296.99	299.70	298.72	298.47	0.46	ppb
Cobalt	59-2	8.13	7.83	8.00	7.98	1.88	ppb
Copper	63-2	153.16	153.39	154.24	153.60	0.37	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				104		%
Indium	115-2				102		%
Iron	56-2	47443.65	47778.96	47619.03	47613.88	0.35	ppb
Iron	57-2	44065.40	44751.95	44114.08	44310.48	0.86	ppb
Krypton	83-1						cps
Lead	206-1	34.17	34.99	33.71	34.29	1.89	ppb
Lead	207-1	31.54	31.94	30.85	31.44	1.75	ppb
Lead	208-1	32.53	32.83	31.94	32.43	1.39	ppb
Lithium	6-1				108		%
Magnesium	24-2	2053.46	2128.69	2074.67	2085.61	1.86	ppb

LB Number :	LB104231	Operator :	Jaswal
Lab Sample ID :	K3766-01	Instrumnet Name :	P7
Client Sample ID :	MA52G6	Dilution Factor :	1
Date & Time Acquired ::	2019-07-24 13:52:48	DataFile Name :	028SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	344.98	347.54	347.70	346.74	0.44	ppb
Molybdenum	94-1	3.86	3.70	4.04	3.87	4.39	ppb
Molybdenum	95-1	4.33	4.25	4.33	4.30	1.03	ppb
Molybdenum	96-1	5.13	4.60	4.51	4.75	7.11	ppb
Molybdenum	97-1	4.12	4.56	4.70	4.46	6.80	ppb
Molybdenum	98-1	4.17	4.14	4.48	4.26	4.33	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	28.64	27.98	28.70	28.44	1.41	ppb
Phosphorus	31-2	848.90	839.76	868.17	852.28	1.70	ppb
Potassium	39-2	849.97	864.91	874.02	862.97	1.41	ppb
Rhodium	103-1				104		%
Rhodium	103-2				103		%
Scandium	45-1				108		%
Scandium	45-2				111		%
Selenium	77-2	16.04	18.26	4.53	12.94	56.93	ppb
Selenium	78-2	0.72	0.31	-1.24	-0.07		ppb
Selenium	82-1	-0.20	0.05	-0.52	-0.23		ppb
Silicon	28-1	2392.28	2386.46	2414.71	2397.82	0.62	ppb
Silver	109-1	0.42	0.28	0.42	0.37	20.65	ppb
Silver	107-1	0.34	0.33	0.30	0.32	6.00	ppb
Sodium	23-2	338.05	341.24	337.29	338.86	0.62	ppb
Strontium	86-1	10.70	10.26	11.10	10.69	3.90	ppb
Strontium	88-1	11.12	11.35	10.90	11.12	2.03	ppb
Sulfur	34-1	-1553.21	-1751.42	-1914.45	-1739.69		ppb
Terbium	159-1				110		%
Terbium	159-2				104		%
Thallium	203-1	0.14	0.07	0.07	0.09	43.25	ppb
Thallium	205-1	0.11	0.12	0.08	0.10	22.24	ppb
Thorium	232-1	3.14	3.18	3.17	3.16	0.70	ppb
Tin	118-1	242.67	236.34	232.95	237.32	2.08	ppb
Titanium	47-1	231.88	227.12	230.98	229.99	1.10	ppb
Uranium	238-1	3.01	3.21	3.28	3.17	4.41	ppb
Vanadium	51-2	29.66	29.54	29.59	29.60	0.20	ppb
Yttrium	89-1				115		%
Yttrium	89-2				107		%

LB Number :	LB104231	Operator :	Jaswal
Lab Sample ID :	K3766-01	Instrumnet Name :	P7
Client Sample ID :	MA52G6	Dilution Factor :	1
Date & Time Acquired ::	2019-07-24 13:52:48	DataFile Name :	028SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zinc	66-2	86.24	83.03	82.25	83.84	2.52	ppb
Zirconium	90-1	0.71	0.69	0.72	0.71	2.32	ppb
Zirconium	91-1	0.75	0.79	0.78	0.77	2.59	ppb

LB Number :	LB104231	Operator :	Jaswal
Lab Sample ID :	K3766-02	Instrumnet Name :	P7
Client Sample ID :	MA52G9	Dilution Factor :	1
Date & Time Acquired ::	2019-07-24 13:56:24	DataFile Name :	029SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	52674.27	51771.76	52046.07	52164.03	0.89	ppb
Antimony	121-1	0.37	0.39	0.26	0.34	20.72	ppb
Arsenic	75-2	37.94	36.17	37.97	37.36	2.76	ppb
Barium	135-1	311.47	307.88	300.93	306.76	1.75	ppb
Barium	137-1	315.76	304.76	307.68	309.40	1.84	ppb
Beryllium	9-1	3.95	4.29	4.17	4.14	4.14	ppb
Bismuth	209-1				106		%
Bismuth	209-2				101		%
Boron	10-1	9.29	8.76	9.53	9.19	4.27	ppb
Boron	11-1	9.94	9.86	9.98	9.92	0.61	ppb
Cadmium	111-1	0.48	0.67	0.95	0.70	33.74	ppb
Cadmium	106-1	-2.71	2.15	1.59	0.35	769.46	ppb
Cadmium	108-1	1.70	0.69	1.37	1.25	41.04	ppb
Calcium	43-1	17404.89	17365.95	17361.20	17377.35	0.14	ppb
Calcium	44-1	17415.13	17778.50	17965.05	17719.56	1.58	ppb
Chromium	52-2	198.31	194.42	196.62	196.45	0.99	ppb
Cobalt	59-2	19.39	19.80	19.23	19.47	1.52	ppb
Copper	63-2	127.14	124.73	125.29	125.72	1.00	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				111		%
Holmium	165-2				103		%
Indium	115-1				102		%
Indium	115-2				99		%
Iron	56-2	38726.12	37877.83	37823.65	38142.53	1.33	ppb
Iron	57-2	36479.87	35884.14	35565.49	35976.50	1.29	ppb
Krypton	83-1						cps
Lead	206-1	87.56	88.26	87.15	87.66	0.64	ppb
Lead	207-1	80.08	79.76	81.04	80.29	0.83	ppb
Lead	208-1	83.95	83.66	84.40	84.00	0.44	ppb
Lithium	6-1				105		%
Magnesium	24-2	10633.46	10482.66	10468.54	10528.22	0.87	ppb

LB Number :	LB104231	Operator :	Jaswal
Lab Sample ID :	K3766-02	Instrumnet Name :	P7
Client Sample ID :	MA52G9	Dilution Factor :	1
Date & Time Acquired ::	2019-07-24 13:56:24	DataFile Name :	029SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	750.70	734.16	739.40	741.42	1.14	ppb
Molybdenum	94-1	3.26	3.24	2.76	3.09	9.10	ppb
Molybdenum	95-1	1.31	1.47	1.40	1.39	5.89	ppb
Molybdenum	96-1	1.80	2.08	1.90	1.93	7.24	ppb
Molybdenum	97-1	1.39	1.62	1.66	1.56	9.59	ppb
Molybdenum	98-1	1.56	1.48	1.51	1.52	2.70	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	59.97	57.77	58.73	58.82	1.87	ppb
Phosphorus	31-2	1658.91	1663.11	1723.39	1681.80	2.15	ppb
Potassium	39-2	4405.79	4345.92	4353.73	4368.48	0.74	ppb
Rhodium	103-1				100		%
Rhodium	103-2				98		%
Scandium	45-1				103		%
Scandium	45-2				106		%
Selenium	77-2	76.34	64.05	69.09	69.83	8.84	ppb
Selenium	78-2	12.84	13.19	11.95	12.66	5.06	ppb
Selenium	82-1	3.59	1.73	3.43	2.92	35.24	ppb
Silicon	28-1	3299.36	3352.83	3362.04	3338.08	1.01	ppb
Silver	109-1	0.74	0.79	0.79	0.77	4.34	ppb
Silver	107-1	0.79	0.77	0.67	0.75	8.56	ppb
Sodium	23-2	2119.04	2078.77	2083.06	2093.62	1.06	ppb
Strontium	86-1	97.69	95.42	94.42	95.84	1.75	ppb
Strontium	88-1	96.88	96.40	95.28	96.19	0.86	ppb
Sulfur	34-1	1722.53	1486.39	1337.13	1515.35	12.82	ppb
Terbium	159-1				111		%
Terbium	159-2				103		%
Thallium	203-1	0.60	0.60	0.63	0.61	2.38	ppb
Thallium	205-1	0.67	0.59	0.71	0.66	8.98	ppb
Thorium	232-1	2.21	2.22	2.25	2.23	1.01	ppb
Tin	118-1	11.08	10.56	11.05	10.90	2.65	ppb
Titanium	47-1	665.87	681.52	684.32	677.24	1.47	ppb
Uranium	238-1	13.98	14.23	13.98	14.06	1.02	ppb
Vanadium	51-2	71.51	70.71	69.80	70.67	1.22	ppb
Yttrium	89-1				123		%
Yttrium	89-2				114		%

LB Number :	LB104231	Operator :	Jaswal
Lab Sample ID :	K3766-02	Instrumnet Name :	P7
Client Sample ID :	MA52G9	Dilution Factor :	1
Date & Time Acquired ::	2019-07-24 13:56:24	DataFile Name :	029SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zinc	66-2	165.68	162.13	171.06	166.29	2.70	ppb
Zirconium	90-1	1.19	1.24	1.21	1.21	2.13	ppb
Zirconium	91-1	1.14	1.50	1.20	1.28	14.96	ppb

LB Number : LB104231 Operator : Jaswal
 Lab Sample ID : K3766-03 Instrumnet Name : P7
 Client Sample ID : MA52H5 Dilution Factor : 1
 Date & Time Acquired :: 2019-07-24 14:00:00 DataFile Name : 030SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	31490.46	31808.52	31571.38	31623.45	0.52	ppb
Antimony	121-1	0.12	0.09	0.16	0.13	27.30	ppb
Arsenic	75-2	16.71	14.61	15.36	15.56	6.84	ppb
Barium	135-1	148.26	147.87	145.99	147.37	0.82	ppb
Barium	137-1	154.01	150.84	146.87	150.57	2.37	ppb
Beryllium	9-1	1.54	1.51	1.37	1.47	6.07	ppb
Bismuth	209-1				104		%
Bismuth	209-2				99		%
Boron	10-1	3.95	3.41	4.27	3.88	11.16	ppb
Boron	11-1	4.93	4.64	5.27	4.95	6.36	ppb
Cadmium	111-1	0.16	0.25	0.34	0.25	36.01	ppb
Cadmium	106-1	-2.63	-2.07	1.15	-1.19		ppb
Cadmium	108-1	0.39	-0.12	0.38	0.22	135.31	ppb
Calcium	43-1	4414.37	4462.90	4474.88	4450.72	0.72	ppb
Calcium	44-1	4361.93	4402.61	4344.73	4369.76	0.68	ppb
Chromium	52-2	79.41	77.39	77.78	78.19	1.37	ppb
Cobalt	59-2	10.60	9.91	10.13	10.21	3.44	ppb
Copper	63-2	76.32	76.98	75.34	76.22	1.09	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				109		%
Holmium	165-2				100		%
Indium	115-1				100		%
Indium	115-2				96		%
Iron	56-2	22544.08	22391.86	22041.47	22325.80	1.15	ppb
Iron	57-2	20834.63	21019.17	20543.98	20799.26	1.15	ppb
Krypton	83-1						cps
Lead	206-1	36.97	36.68	36.37	36.67	0.82	ppb
Lead	207-1	33.84	33.75	32.09	33.23	2.97	ppb
Lead	208-1	35.06	35.01	34.62	34.90	0.69	ppb
Lithium	6-1				101		%
Magnesium	24-2	6773.56	6685.38	6640.95	6699.96	1.01	ppb

LB Number :	LB104231	Operator :	Jaswal
Lab Sample ID :	K3766-03	Instrumnet Name :	P7
Client Sample ID :	MA52H5	Dilution Factor :	1
Date & Time Acquired ::	2019-07-24 14:00:00	DataFile Name :	030SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	254.46	252.82	249.76	252.35	0.95	ppb
Molybdenum	94-1	0.95	1.11	1.13	1.06	9.48	ppb
Molybdenum	95-1	0.79	0.80	0.78	0.79	0.83	ppb
Molybdenum	96-1	0.87	0.89	0.98	0.91	6.78	ppb
Molybdenum	97-1	0.56	0.76	0.91	0.74	23.38	ppb
Molybdenum	98-1	0.94	0.83	0.76	0.84	11.00	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	30.75	30.81	30.10	30.55	1.28	ppb
Phosphorus	31-2	369.44	469.64	488.20	442.43	14.44	ppb
Potassium	39-2	2194.72	2200.62	2207.81	2201.05	0.30	ppb
Rhodium	103-1				98		%
Rhodium	103-2				96		%
Scandium	45-1				102		%
Scandium	45-2				102		%
Selenium	77-2	19.41	12.14	4.85	12.13	59.96	ppb
Selenium	78-2	-0.59	1.85	0.63	0.63	193.74	ppb
Selenium	82-1	0.35	1.61	0.28	0.75	99.87	ppb
Silicon	28-1	2084.86	2119.88	2128.04	2110.92	1.09	ppb
Silver	109-1	0.33	0.19	0.18	0.23	34.90	ppb
Silver	107-1	0.15	0.28	0.20	0.21	31.03	ppb
Sodium	23-2	704.25	713.54	707.97	708.59	0.66	ppb
Strontium	86-1	32.94	33.37	33.16	33.16	0.65	ppb
Strontium	88-1	33.59	33.90	32.87	33.45	1.59	ppb
Sulfur	34-1	-2831.49	-2972.01	-2979.54	-2927.68		ppb
Terbium	159-1				108		%
Terbium	159-2				100		%
Thallium	203-1	0.34	0.37	0.30	0.34	9.75	ppb
Thallium	205-1	0.37	0.37	0.35	0.37	2.66	ppb
Thorium	232-1	0.79	0.80	0.79	0.79	1.04	ppb
Tin	118-1	3.88	3.73	4.09	3.90	4.67	ppb
Titanium	47-1	554.20	557.11	560.30	557.20	0.55	ppb
Uranium	238-1	6.16	6.45	6.28	6.30	2.31	ppb
Vanadium	51-2	37.53	37.38	36.97	37.29	0.77	ppb
Yttrium	89-1				109		%
Yttrium	89-2				101		%

LB Number :	LB104231	Operator :	Jaswal
Lab Sample ID :	K3766-03	Instrumnet Name :	P7
Client Sample ID :	MA52H5	Dilution Factor :	1
Date & Time Acquired ::	2019-07-24 14:00:00	DataFile Name :	030SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zinc	66-2	79.00	78.82	72.79	76.87	4.60	ppb
Zirconium	90-1	0.34	0.29	0.31	0.31	8.39	ppb
Zirconium	91-1	0.32	0.44	0.29	0.35	22.26	ppb

LB Number :	LB104231	Operator :	Jaswal
Lab Sample ID :	K3766-04	Instrumnet Name :	P7
Client Sample ID :	MA52H6	Dilution Factor :	1
Date & Time Acquired ::	2019-07-24 14:03:35	DataFile Name :	031SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	4649.10	4645.48	4663.24	4652.61	0.20	ppb
Antimony	121-1	0.18	0.21	0.16	0.18	12.69	ppb
Arsenic	75-2	10.14	10.91	10.61	10.56	3.68	ppb
Barium	135-1	34.87	34.05	36.26	35.06	3.19	ppb
Barium	137-1	34.99	34.94	35.35	35.09	0.63	ppb
Beryllium	9-1	0.34	0.27	0.26	0.29	16.04	ppb
Bismuth	209-1				104		%
Bismuth	209-2				99		%
Boron	10-1	2.80	3.50	3.40	3.23	11.73	ppb
Boron	11-1	2.88	2.86	3.27	3.00	7.68	ppb
Cadmium	111-1	-0.07	-0.34	-0.40	-0.27		ppb
Cadmium	106-1	7.21	3.92	3.33	4.82	43.36	ppb
Cadmium	108-1	6.50	9.82	9.71	8.68	21.72	ppb
Calcium	43-1	2607.84	2543.80	2499.65	2550.43	2.13	ppb
Calcium	44-1	2500.75	2515.88	2556.51	2524.38	1.14	ppb
Chromium	52-2	2054.00	2064.81	2088.63	2069.15	0.86	ppb
Cobalt	59-2	2.53	2.58	2.69	2.60	3.18	ppb
Copper	63-2	1413.72	1426.27	1441.01	1427.00	0.96	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				98		%
Indium	115-1				98		%
Indium	115-2				94		%
Iron	56-2	8326.97	8284.96	8359.84	8323.92	0.45	ppb
Iron	57-2	7763.56	7664.16	7781.32	7736.34	0.82	ppb
Krypton	83-1						cps
Lead	206-1	179.32	181.80	182.69	181.27	0.96	ppb
Lead	207-1	157.88	157.12	158.81	157.94	0.54	ppb
Lead	208-1	168.42	170.30	169.55	169.42	0.56	ppb
Lithium	6-1				96		%
Magnesium	24-2	1181.63	1148.37	1182.34	1170.78	1.66	ppb

LB Number :	LB104231	Operator :	Jaswal
Lab Sample ID :	K3766-04	Instrumnet Name :	P7
Client Sample ID :	MA52H6	Dilution Factor :	1
Date & Time Acquired ::	2019-07-24 14:03:35	DataFile Name :	031SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	107.12	106.50	105.42	106.35	0.81	ppb
Molybdenum	94-1	0.92	0.76	0.79	0.82	10.12	ppb
Molybdenum	95-1	0.57	0.61	0.65	0.61	6.44	ppb
Molybdenum	96-1	0.64	0.62	0.68	0.65	5.01	ppb
Molybdenum	97-1	0.59	0.77	0.60	0.65	15.58	ppb
Molybdenum	98-1	0.63	0.65	0.59	0.62	4.91	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	19.80	18.75	19.26	19.27	2.72	ppb
Phosphorus	31-2	437.96	412.22	392.68	414.29	5.48	ppb
Potassium	39-2	415.47	413.67	415.05	414.73	0.23	ppb
Rhodium	103-1				97		%
Rhodium	103-2				95		%
Scandium	45-1				99		%
Scandium	45-2				98		%
Selenium	77-2	12.77	0.00	10.10	7.62	88.34	ppb
Selenium	78-2	-1.66	0.00	-0.84	-0.83		ppb
Selenium	82-1	-0.26	0.10	0.09	-0.02		ppb
Silicon	28-1	1365.07	1376.47	1403.38	1381.64	1.42	ppb
Silver	109-1	0.68	0.75	0.77	0.73	6.64	ppb
Silver	107-1	0.79	0.68	0.83	0.77	10.11	ppb
Sodium	23-2	275.74	269.37	283.47	276.19	2.56	ppb
Strontium	86-1	17.20	16.45	15.18	16.28	6.28	ppb
Strontium	88-1	17.41	17.34	17.14	17.30	0.81	ppb
Sulfur	34-1	-3315.99	-3338.67	-3091.42	-3248.69		ppb
Terbium	159-1				107		%
Terbium	159-2				98		%
Thallium	203-1	0.03	0.05	0.05	0.04	26.35	ppb
Thallium	205-1	0.07	0.06	0.06	0.06	13.23	ppb
Thorium	232-1	0.37	0.36	0.38	0.37	2.97	ppb
Tin	118-1	194.10	192.42	194.83	193.79	0.64	ppb
Titanium	47-1	140.73	140.65	138.92	140.10	0.73	ppb
Uranium	238-1	1.13	1.11	1.15	1.13	1.75	ppb
Vanadium	51-2	10.87	10.77	11.36	11.00	2.84	ppb
Yttrium	89-1				106		%
Yttrium	89-2				97		%

LB Number :	LB104231	Operator :	Jaswal
Lab Sample ID :	K3766-04	Instrumnet Name :	P7
Client Sample ID :	MA52H6	Dilution Factor :	1
Date & Time Acquired ::	2019-07-24 14:03:35	DataFile Name :	031SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zinc	66-2	29.52	27.43	26.99	27.98	4.84	ppb
Zirconium	90-1	0.23	0.20	0.23	0.22	8.68	ppb
Zirconium	91-1	0.17	0.32	0.16	0.21	43.17	ppb

LB Number :	LB104231	Operator :	Jaswal
Lab Sample ID :	K3766-05	Instrumnet Name :	P7
Client Sample ID :	MA52H7	Dilution Factor :	1
Date & Time Acquired ::	2019-07-24 14:07:11	DataFile Name :	032SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	29723.74	30228.02	30352.15	30101.30	1.11	ppb
Antimony	121-1	0.06	0.06	0.07	0.06	12.78	ppb
Arsenic	75-2	15.99	14.62	16.97	15.86	7.46	ppb
Barium	135-1	148.12	146.51	144.22	146.28	1.34	ppb
Barium	137-1	148.61	150.03	147.35	148.66	0.90	ppb
Beryllium	9-1	1.65	1.67	1.49	1.60	6.17	ppb
Bismuth	209-1				106		%
Bismuth	209-2				99		%
Boron	10-1	4.44	3.30	3.52	3.75	16.12	ppb
Boron	11-1	4.12	3.54	3.80	3.82	7.65	ppb
Cadmium	111-1	0.07	0.05	0.03	0.05	46.13	ppb
Cadmium	106-1	-0.89	-3.04	-0.80	-1.57		ppb
Cadmium	108-1	0.38	0.21	0.70	0.43	58.70	ppb
Calcium	43-1	3062.09	3003.87	2876.88	2980.95	3.18	ppb
Calcium	44-1	2948.85	2898.86	2920.12	2922.61	0.86	ppb
Chromium	52-2	94.96	96.54	97.52	96.34	1.34	ppb
Cobalt	59-2	20.22	21.00	20.92	20.71	2.08	ppb
Copper	63-2	49.82	51.03	51.19	50.68	1.48	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				112		%
Holmium	165-2				101		%
Indium	115-1				102		%
Indium	115-2				96		%
Iron	56-2	50284.36	50125.22	50190.52	50200.03	0.16	ppb
Iron	57-2	46340.11	46839.10	46765.42	46648.21	0.58	ppb
Krypton	83-1						cps
Lead	206-1	22.95	21.69	22.91	22.52	3.19	ppb
Lead	207-1	20.80	19.54	19.63	19.99	3.52	ppb
Lead	208-1	21.52	20.58	21.23	21.11	2.28	ppb
Lithium	6-1				102		%
Magnesium	24-2	13905.68	13897.27	14007.85	13936.93	0.44	ppb

LB Number :	LB104231	Operator :	Jaswal
Lab Sample ID :	K3766-05	Instrumnet Name :	P7
Client Sample ID :	MA52H7	Dilution Factor :	1
Date & Time Acquired ::	2019-07-24 14:07:11	DataFile Name :	032SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	504.95	510.83	514.68	510.15	0.96	ppb
Molybdenum	94-1	5.63	5.71	5.60	5.65	1.04	ppb
Molybdenum	95-1	1.39	1.42	1.20	1.33	8.86	ppb
Molybdenum	96-1	2.40	2.39	2.11	2.30	7.22	ppb
Molybdenum	97-1	1.66	1.50	1.56	1.57	5.17	ppb
Molybdenum	98-1	1.54	1.64	1.47	1.55	5.62	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	58.16	60.67	60.10	59.64	2.21	ppb
Phosphorus	31-2	615.16	702.75	876.69	731.53	18.20	ppb
Potassium	39-2	10687.19	10676.78	10776.53	10713.50	0.51	ppb
Rhodium	103-1				99		%
Rhodium	103-2				95		%
Scandium	45-1				105		%
Scandium	45-2				103		%
Selenium	77-2	11.82	46.70	32.91	30.48	57.64	ppb
Selenium	78-2	2.86	5.89	0.07	2.94	98.97	ppb
Selenium	82-1	-0.23	0.71	0.23	0.24	198.15	ppb
Silicon	28-1	1671.20	1686.93	1678.18	1678.77	0.47	ppb
Silver	109-1	0.14	0.13	0.17	0.15	13.08	ppb
Silver	107-1	0.08	0.12	0.16	0.12	32.49	ppb
Sodium	23-2	615.16	622.83	625.79	621.26	0.88	ppb
Strontium	86-1	20.87	20.18	19.89	20.32	2.49	ppb
Strontium	88-1	20.68	20.09	20.04	20.27	1.76	ppb
Sulfur	34-1	-3793.91	-3768.73	-3567.19	-3709.94		ppb
Terbium	159-1				111		%
Terbium	159-2				100		%
Thallium	203-1	0.58	0.60	0.65	0.61	5.11	ppb
Thallium	205-1	0.56	0.70	0.63	0.63	11.14	ppb
Thorium	232-1	10.29	10.31	10.05	10.21	1.42	ppb
Tin	118-1	3.68	3.49	3.67	3.62	2.89	ppb
Titanium	47-1	1695.38	1691.05	1663.21	1683.21	1.04	ppb
Uranium	238-1	4.20	4.10	3.96	4.09	2.89	ppb
Vanadium	51-2	77.01	77.95	79.36	78.11	1.51	ppb
Yttrium	89-1				115		%
Yttrium	89-2				104		%

LB Number :	LB104231	Operator :	Jaswal
Lab Sample ID :	K3766-05	Instrumnet Name :	P7
Client Sample ID :	MA52H7	Dilution Factor :	1
Date & Time Acquired ::	2019-07-24 14:07:11	DataFile Name :	032SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zinc	66-2	119.43	122.33	121.61	121.12	1.24	ppb
Zirconium	90-1	3.24	3.28	2.99	3.17	4.95	ppb
Zirconium	91-1	3.21	3.15	2.94	3.10	4.53	ppb

LB Number :	LB104231	Operator :	Jaswal
Lab Sample ID :	K3766-06	Instrumnet Name :	P7
Client Sample ID :	MA52H8	Dilution Factor :	1
Date & Time Acquired ::	2019-07-24 14:10:47	DataFile Name :	033SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	25457.53	25318.41	25093.95	25289.97	0.73	ppb
Antimony	121-1	0.04	0.06	0.05	0.05	22.18	ppb
Arsenic	75-2	21.73	19.89	21.24	20.95	4.55	ppb
Barium	135-1	142.74	141.25	140.02	141.34	0.96	ppb
Barium	137-1	145.33	142.17	136.95	141.48	2.99	ppb
Beryllium	9-1	1.22	1.20	1.20	1.21	1.01	ppb
Bismuth	209-1				106		%
Bismuth	209-2				100		%
Boron	10-1	4.69	3.93	4.05	4.22	9.64	ppb
Boron	11-1	4.47	4.21	4.22	4.30	3.33	ppb
Cadmium	111-1	0.03	-0.03	0.09	0.03	204.82	ppb
Cadmium	106-1	-3.54	-3.79	-0.19	-2.51		ppb
Cadmium	108-1	0.21	0.88	0.37	0.48	71.60	ppb
Calcium	43-1	2525.29	2592.79	2536.99	2551.69	1.41	ppb
Calcium	44-1	2543.02	2510.63	2514.38	2522.68	0.70	ppb
Chromium	52-2	90.27	90.93	89.72	90.31	0.68	ppb
Cobalt	59-2	19.45	18.86	18.41	18.90	2.76	ppb
Copper	63-2	56.30	57.89	56.78	56.99	1.43	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				111		%
Holmium	165-2				101		%
Indium	115-1				100		%
Indium	115-2				95		%
Iron	56-2	43841.66	43768.08	43052.32	43554.02	1.00	ppb
Iron	57-2	40359.99	40589.11	40263.40	40404.16	0.41	ppb
Krypton	83-1						cps
Lead	206-1	22.77	22.82	22.61	22.74	0.48	ppb
Lead	207-1	21.01	20.71	21.18	20.97	1.15	ppb
Lead	208-1	22.23	22.00	21.91	22.04	0.75	ppb
Lithium	6-1				101		%
Magnesium	24-2	11848.46	11930.65	11703.49	11827.53	0.97	ppb

LB Number :	LB104231	Operator :	Jaswal
Lab Sample ID :	K3766-06	Instrumnet Name :	P7
Client Sample ID :	MA52H8	Dilution Factor :	1
Date & Time Acquired ::	2019-07-24 14:10:47	DataFile Name :	033SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	481.78	483.56	475.43	480.26	0.89	ppb
Molybdenum	94-1	3.19	2.89	2.98	3.02	5.25	ppb
Molybdenum	95-1	0.91	1.13	1.02	1.02	10.97	ppb
Molybdenum	96-1	1.53	1.68	1.50	1.57	6.10	ppb
Molybdenum	97-1	1.06	1.17	1.02	1.08	7.25	ppb
Molybdenum	98-1	1.21	1.08	1.19	1.16	6.31	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	49.15	48.66	48.46	48.76	0.73	ppb
Phosphorus	31-2	441.64	649.48	754.70	615.27	25.89	ppb
Potassium	39-2	9510.52	9585.03	9477.71	9524.42	0.58	ppb
Rhodium	103-1				98		%
Rhodium	103-2				96		%
Scandium	45-1				102		%
Scandium	45-2				102		%
Selenium	77-2	11.91	14.28	16.71	14.30	16.79	ppb
Selenium	78-2	3.32	1.72	3.34	2.79	33.19	ppb
Selenium	82-1	-0.58	0.67	0.21	0.10	621.92	ppb
Silicon	28-1	1973.43	2009.08	1994.77	1992.43	0.90	ppb
Silver	109-1	0.09	0.10	0.17	0.12	40.41	ppb
Silver	107-1	0.13	0.17	0.15	0.15	14.03	ppb
Sodium	23-2	539.75	546.78	539.19	541.91	0.78	ppb
Strontium	86-1	18.95	17.09	18.16	18.07	5.16	ppb
Strontium	88-1	18.07	17.68	17.35	17.70	2.04	ppb
Sulfur	34-1	-3228.16	-3291.88	-3436.39	-3318.81		ppb
Terbium	159-1				110		%
Terbium	159-2				101		%
Thallium	203-1	0.47	0.51	0.37	0.45	16.51	ppb
Thallium	205-1	0.58	0.61	0.55	0.58	5.18	ppb
Thorium	232-1	7.86	7.93	7.73	7.84	1.32	ppb
Tin	118-1	4.89	4.85	4.50	4.75	4.56	ppb
Titanium	47-1	1627.97	1633.50	1618.52	1626.66	0.47	ppb
Uranium	238-1	3.07	3.04	3.24	3.12	3.54	ppb
Vanadium	51-2	65.00	65.45	65.58	65.34	0.47	ppb
Yttrium	89-1				112		%
Yttrium	89-2				103		%

LB Number :	LB104231	Operator :	Jaswal
Lab Sample ID :	K3766-06	Instrumnet Name :	P7
Client Sample ID :	MA52H8	Dilution Factor :	1
Date & Time Acquired ::	2019-07-24 14:10:47	DataFile Name :	033SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zinc	66-2	105.43	100.80	100.32	102.18	2.77	ppb
Zirconium	90-1	1.54	1.40	1.42	1.45	5.53	ppb
Zirconium	91-1	1.31	1.36	1.46	1.38	5.35	ppb

LB Number :	LB104231	Operator :	Jaswal
Lab Sample ID :	K3766-07	Instrumnet Name :	P7
Client Sample ID :	MA52J1	Dilution Factor :	1
Date & Time Acquired ::	2019-07-24 14:14:23	DataFile Name :	034SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	5796.54	5855.78	5813.26	5821.86	0.52	ppb
Antimony	121-1	0.23	0.24	0.29	0.25	12.19	ppb
Arsenic	75-2	15.72	13.13	13.25	14.03	10.42	ppb
Barium	135-1	33.50	30.92	31.63	32.02	4.15	ppb
Barium	137-1	32.18	31.22	32.37	31.92	1.93	ppb
Beryllium	9-1	0.35	0.43	0.40	0.39	10.82	ppb
Bismuth	209-1				105		%
Bismuth	209-2				98		%
Boron	10-1	1.84	1.82	1.01	1.56	30.54	ppb
Boron	11-1	1.98	1.89	1.74	1.87	6.39	ppb
Cadmium	111-1	0.16	0.18	0.24	0.20	21.17	ppb
Cadmium	106-1	-2.38	-1.70	-3.42	-2.50		ppb
Cadmium	108-1	0.73	-0.12	-0.12	0.16	303.54	ppb
Calcium	43-1	2855.55	2871.89	2983.32	2903.59	2.39	ppb
Calcium	44-1	2769.54	2757.72	2733.63	2753.63	0.66	ppb
Chromium	52-2	15.28	15.23	14.91	15.14	1.34	ppb
Cobalt	59-2	7.61	6.90	7.23	7.25	4.90	ppb
Copper	63-2	14.00	14.05	13.37	13.81	2.74	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				109		%
Holmium	165-2				98		%
Indium	115-1				99		%
Indium	115-2				94		%
Iron	56-2	11158.51	11243.67	11112.27	11171.48	0.60	ppb
Iron	57-2	10178.35	10343.04	10260.52	10260.64	0.80	ppb
Krypton	83-1						cps
Lead	206-1	25.90	25.82	26.41	26.04	1.23	ppb
Lead	207-1	24.04	24.58	23.68	24.10	1.87	ppb
Lead	208-1	25.39	25.17	25.42	25.32	0.54	ppb
Lithium	6-1				98		%
Magnesium	24-2	2426.26	2390.04	2337.38	2384.56	1.87	ppb

LB Number :	LB104231	Operator :	Jaswal
Lab Sample ID :	K3766-07	Instrumnet Name :	P7
Client Sample ID :	MA52J1	Dilution Factor :	1
Date & Time Acquired ::	2019-07-24 14:14:23	DataFile Name :	034SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	132.03	134.83	132.78	133.21	1.09	ppb
Molybdenum	94-1	0.82	0.96	1.04	0.94	11.60	ppb
Molybdenum	95-1	0.81	0.74	0.55	0.70	19.62	ppb
Molybdenum	96-1	0.77	0.78	0.87	0.80	6.69	ppb
Molybdenum	97-1	0.60	0.79	0.74	0.71	14.10	ppb
Molybdenum	98-1	0.61	0.75	0.57	0.64	15.19	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	19.32	19.55	17.89	18.92	4.77	ppb
Phosphorus	31-2	447.79	411.08	390.62	416.50	6.96	ppb
Potassium	39-2	773.06	783.90	773.02	776.66	0.81	ppb
Rhodium	103-1				97		%
Rhodium	103-2				94		%
Scandium	45-1				98		%
Scandium	45-2				96		%
Selenium	77-2	2.50	5.07	10.10	5.89	65.60	ppb
Selenium	78-2	-0.04	-2.10	-0.42	-0.85		ppb
Selenium	82-1	-0.72	-1.31	-0.02	-0.68		ppb
Silicon	28-1	1373.59	1380.39	1388.99	1380.99	0.56	ppb
Silver	109-1	0.08	0.09	0.04	0.07	35.44	ppb
Silver	107-1	0.13	0.10	0.10	0.11	17.13	ppb
Sodium	23-2	676.73	685.25	671.44	677.81	1.03	ppb
Strontium	86-1	17.57	15.90	16.31	16.59	5.25	ppb
Strontium	88-1	16.53	16.15	16.64	16.44	1.56	ppb
Sulfur	34-1	-1796.72	-2162.01	-2205.41	-2054.71		ppb
Terbium	159-1				108		%
Terbium	159-2				98		%
Thallium	203-1	0.12	0.04	0.07	0.08	54.44	ppb
Thallium	205-1	0.08	0.10	0.10	0.09	11.22	ppb
Thorium	232-1	0.86	0.76	0.86	0.83	6.87	ppb
Tin	118-1	1.08	1.23	1.19	1.17	6.64	ppb
Titanium	47-1	272.82	279.16	279.19	277.05	1.32	ppb
Uranium	238-1	1.60	1.53	1.52	1.55	2.80	ppb
Vanadium	51-2	14.09	14.57	14.27	14.31	1.70	ppb
Yttrium	89-1				107		%
Yttrium	89-2				97		%

LB Number :	LB104231	Operator :	Jaswal
Lab Sample ID :	K3766-07	Instrumnet Name :	P7
Client Sample ID :	MA52J1	Dilution Factor :	1
Date & Time Acquired ::	2019-07-24 14:14:23	DataFile Name :	034SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zinc	66-2	49.28	52.79	48.25	50.10	4.75	ppb
Zirconium	90-1	0.27	0.30	0.26	0.28	7.80	ppb
Zirconium	91-1	0.27	0.17	0.31	0.25	30.66	ppb

LB Number :	LB104231	Operator :	Jaswal
Lab Sample ID :	K3766-12	Instrumnet Name :	P7
Client Sample ID :	MA52F9	Dilution Factor :	1
Date & Time Acquired ::	2019-07-24 14:18:00	DataFile Name :	035SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	9107.98	9020.99	9284.35	9137.77	1.47	ppb
Antimony	121-1	0.15	0.12	0.16	0.14	14.57	ppb
Arsenic	75-2	228.28	229.96	227.41	228.55	0.57	ppb
Barium	135-1	41.31	38.69	41.19	40.40	3.66	ppb
Barium	137-1	40.21	39.95	39.95	40.04	0.37	ppb
Beryllium	9-1	0.65	0.74	0.74	0.71	7.65	ppb
Bismuth	209-1				107		%
Bismuth	209-2				99		%
Boron	10-1	0.87	0.49	1.26	0.87	43.94	ppb
Boron	11-1	1.61	1.64	1.35	1.53	10.51	ppb
Cadmium	111-1	-0.05	0.07	0.17	0.06	179.01	ppb
Cadmium	106-1	-2.73	-0.58	-1.28	-1.53		ppb
Cadmium	108-1	2.36	1.52	1.21	1.70	34.94	ppb
Calcium	43-1	3574.53	3598.67	3408.72	3527.31	2.93	ppb
Calcium	44-1	3426.17	3439.65	3489.15	3451.66	0.96	ppb
Chromium	52-2	73.93	72.00	74.28	73.40	1.67	ppb
Cobalt	59-2	10.98	10.65	10.83	10.82	1.52	ppb
Copper	63-2	48.71	48.67	49.03	48.81	0.41	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				99		%
Indium	115-1				100		%
Indium	115-2				95		%
Iron	56-2	46785.45	46464.50	47267.90	46839.28	0.86	ppb
Iron	57-2	43469.28	42892.55	44064.18	43475.34	1.35	ppb
Krypton	83-1						cps
Lead	206-1	16.25	16.36	16.86	16.49	1.96	ppb
Lead	207-1	14.54	14.95	14.58	14.69	1.52	ppb
Lead	208-1	15.52	15.55	15.60	15.55	0.25	ppb
Lithium	6-1				100		%
Magnesium	24-2	5057.42	5018.66	5138.50	5071.53	1.21	ppb

LB Number :	LB104231	Operator :	Jaswal
Lab Sample ID :	K3766-12	Instrumnet Name :	P7
Client Sample ID :	MA52F9	Dilution Factor :	1
Date & Time Acquired ::	2019-07-24 14:18:00	DataFile Name :	035SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	292.02	290.42	298.18	293.54	1.39	ppb
Molybdenum	94-1	8.88	8.68	8.90	8.82	1.40	ppb
Molybdenum	95-1	9.32	9.27	9.48	9.36	1.14	ppb
Molybdenum	96-1	9.29	9.30	9.84	9.48	3.37	ppb
Molybdenum	97-1	9.58	10.17	9.82	9.86	3.02	ppb
Molybdenum	98-1	9.03	9.55	9.35	9.31	2.82	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	43.07	42.95	43.96	43.33	1.27	ppb
Phosphorus	31-2	581.94	668.91	626.98	625.94	6.95	ppb
Potassium	39-2	2218.05	2203.96	2265.83	2229.28	1.45	ppb
Rhodium	103-1				98		%
Rhodium	103-2				95		%
Scandium	45-1				101		%
Scandium	45-2				100		%
Selenium	77-2	12.29	4.82	11.92	9.67	43.52	ppb
Selenium	78-2	1.11	-0.22	0.93	0.61	118.33	ppb
Selenium	82-1	-0.06	-0.31	-0.57	-0.31		ppb
Silicon	28-1	1815.73	1817.56	1844.40	1825.90	0.88	ppb
Silver	109-1	0.29	0.21	0.22	0.24	19.32	ppb
Silver	107-1	0.34	0.32	0.28	0.31	9.35	ppb
Sodium	23-2	600.28	595.12	613.16	602.85	1.54	ppb
Strontium	86-1	15.25	15.47	14.63	15.12	2.90	ppb
Strontium	88-1	15.23	14.95	15.12	15.10	0.92	ppb
Sulfur	34-1	26641.55	26239.92	26834.89	26572.12	1.14	ppb
Terbium	159-1				110		%
Terbium	159-2				99		%
Thallium	203-1	0.17	0.12	0.12	0.14	18.96	ppb
Thallium	205-1	0.16	0.18	0.13	0.15	15.01	ppb
Thorium	232-1	3.69	3.82	3.88	3.80	2.61	ppb
Tin	118-1	41.98	39.28	40.62	40.63	3.33	ppb
Titanium	47-1	605.63	593.79	600.71	600.05	0.99	ppb
Uranium	238-1	10.90	10.98	10.88	10.92	0.46	ppb
Vanadium	51-2	26.39	26.75	27.37	26.84	1.85	ppb
Yttrium	89-1				113		%
Yttrium	89-2				101		%

LB Number :	LB104231	Operator :	Jaswal
Lab Sample ID :	K3766-12	Instrumnet Name :	P7
Client Sample ID :	MA52F9	Dilution Factor :	1
Date & Time Acquired ::	2019-07-24 14:18:00	DataFile Name :	035SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zinc	66-2	60.77	61.69	61.69	61.39	0.87	ppb
Zirconium	90-1	1.28	1.25	1.34	1.29	3.33	ppb
Zirconium	91-1	1.37	1.24	1.57	1.39	11.96	ppb

LB Number :	LB104231	Operator :	Jaswal
Lab Sample ID :	K3766-13	Instrumnet Name :	P7
Client Sample ID :	MA52G2	Dilution Factor :	1
Date & Time Acquired ::	2019-07-24 14:21:37	DataFile Name :	036SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	12343.18	12539.03	12593.58	12491.93	1.05	ppb
Antimony	121-1	0.64	0.79	0.63	0.69	12.57	ppb
Arsenic	75-2	18.63	17.75	18.30	18.23	2.46	ppb
Barium	135-1	64.97	61.65	61.66	62.76	3.05	ppb
Barium	137-1	63.79	61.75	64.57	63.37	2.30	ppb
Beryllium	9-1	0.70	0.61	0.57	0.63	9.86	ppb
Bismuth	209-1				104		%
Bismuth	209-2				98		%
Boron	10-1	0.61	0.32	0.84	0.59	44.13	ppb
Boron	11-1	1.06	1.36	1.17	1.20	12.52	ppb
Cadmium	111-1	0.06	0.08	-0.07	0.02	392.88	ppb
Cadmium	106-1	2.45	-0.93	-3.96	-0.81		ppb
Cadmium	108-1	1.58	0.55	1.05	1.06	48.62	ppb
Calcium	43-1	3290.76	3330.73	3308.78	3310.09	0.60	ppb
Calcium	44-1	3181.84	3198.27	3205.80	3195.30	0.38	ppb
Chromium	52-2	51.94	51.83	53.15	52.31	1.40	ppb
Cobalt	59-2	12.89	13.01	12.63	12.84	1.51	ppb
Copper	63-2	35.85	36.96	34.99	35.93	2.76	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				109		%
Holmium	165-2				98		%
Indium	115-1				99		%
Indium	115-2				94		%
Iron	56-2	20714.97	20757.50	20775.62	20749.36	0.15	ppb
Iron	57-2	18914.89	19195.71	19421.87	19177.49	1.32	ppb
Krypton	83-1						cps
Lead	206-1	15.90	15.69	15.63	15.74	0.87	ppb
Lead	207-1	13.98	14.16	14.21	14.12	0.86	ppb
Lead	208-1	14.88	14.93	14.70	14.84	0.80	ppb
Lithium	6-1				98		%
Magnesium	24-2	5893.35	5962.43	5899.28	5918.35	0.65	ppb

LB Number :	LB104231	Operator :	Jaswal
Lab Sample ID :	K3766-13	Instrumnet Name :	P7
Client Sample ID :	MA52G2	Dilution Factor :	1
Date & Time Acquired ::	2019-07-24 14:21:37	DataFile Name :	036SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	430.26	434.81	436.58	433.88	0.75	ppb
Molybdenum	94-1	9.25	8.30	8.55	8.70	5.66	ppb
Molybdenum	95-1	1.77	1.29	1.39	1.48	17.03	ppb
Molybdenum	96-1	2.49	2.25	2.56	2.43	6.68	ppb
Molybdenum	97-1	2.10	1.52	1.57	1.73	18.53	ppb
Molybdenum	98-1	1.59	1.64	1.62	1.62	1.38	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	55.83	57.60	58.15	57.19	2.11	ppb
Phosphorus	31-2	1014.83	979.88	892.67	962.46	6.54	ppb
Potassium	39-2	2214.41	2279.33	2289.11	2260.95	1.80	ppb
Rhodium	103-1				97		%
Rhodium	103-2				94		%
Scandium	45-1				100		%
Scandium	45-2				100		%
Selenium	77-2	7.40	24.70	19.89	17.33	51.51	ppb
Selenium	78-2	3.19	3.61	4.08	3.63	12.25	ppb
Selenium	82-1	0.43	-0.40	-0.24	-0.07		ppb
Silicon	28-1	1359.08	1375.39	1410.84	1381.77	1.92	ppb
Silver	109-1	0.15	0.16	0.14	0.15	6.53	ppb
Silver	107-1	0.10	0.19	0.14	0.15	30.06	ppb
Sodium	23-2	312.05	316.55	314.10	314.24	0.72	ppb
Strontium	86-1	10.40	10.55	10.25	10.40	1.44	ppb
Strontium	88-1	10.57	10.57	10.29	10.47	1.53	ppb
Sulfur	34-1	-3073.82	-3100.68	-3057.87	-3077.46		ppb
Terbium	159-1				108		%
Terbium	159-2				97		%
Thallium	203-1	0.17	0.08	0.05	0.10	65.23	ppb
Thallium	205-1	0.13	0.15	0.13	0.14	9.64	ppb
Thorium	232-1	7.83	7.65	7.59	7.69	1.59	ppb
Tin	118-1	12.83	12.83	13.24	12.97	1.84	ppb
Titanium	47-1	543.19	540.19	541.22	541.54	0.28	ppb
Uranium	238-1	2.03	1.99	1.92	1.98	2.86	ppb
Vanadium	51-2	29.78	30.18	29.66	29.87	0.91	ppb
Yttrium	89-1				110		%
Yttrium	89-2				99		%

LB Number :	LB104231	Operator :	Jaswal
Lab Sample ID :	K3766-13	Instrumnet Name :	P7
Client Sample ID :	MA52G2	Dilution Factor :	1
Date & Time Acquired ::	2019-07-24 14:21:37	DataFile Name :	036SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zinc	66-2	77.02	74.81	76.49	76.10	1.52	ppb
Zirconium	90-1	5.08	5.70	5.00	5.26	7.27	ppb
Zirconium	91-1	4.90	4.74	5.55	5.06	8.46	ppb

LB Number :	LB104231	Operator :	Jaswal
Lab Sample ID :	K3766-14	Instrumnet Name :	P7
Client Sample ID :	MA52G4	Dilution Factor :	1
Date & Time Acquired ::	2019-07-24 14:25:13	DataFile Name :	037SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	8404.49	8524.28	8640.65	8523.14	1.39	ppb
Antimony	121-1	0.13	0.17	0.12	0.14	17.88	ppb
Arsenic	75-2	136.53	137.31	142.53	138.79	2.35	ppb
Barium	135-1	71.85	74.30	72.32	72.83	1.79	ppb
Barium	137-1	73.80	72.53	74.30	73.54	1.24	ppb
Beryllium	9-1	0.98	1.02	0.89	0.96	7.00	ppb
Bismuth	209-1				105		%
Bismuth	209-2				99		%
Boron	10-1	1.47	1.33	1.85	1.55	17.37	ppb
Boron	11-1	1.20	1.43	1.49	1.37	11.06	ppb
Cadmium	111-1	0.15	0.13	-0.01	0.09	98.36	ppb
Cadmium	106-1	-0.58	0.60	-2.68	-0.89		ppb
Cadmium	108-1	0.71	1.55	2.20	1.49	50.12	ppb
Calcium	43-1	1880.73	1986.61	1969.51	1945.62	2.92	ppb
Calcium	44-1	1884.78	1912.04	1890.16	1895.66	0.76	ppb
Chromium	52-2	237.29	241.28	237.85	238.81	0.90	ppb
Cobalt	59-2	12.97	13.14	13.34	13.15	1.39	ppb
Copper	63-2	178.27	181.66	178.75	179.56	1.02	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				110		%
Holmium	165-2				99		%
Indium	115-1				100		%
Indium	115-2				94		%
Iron	56-2	47971.50	48541.70	48215.14	48242.78	0.59	ppb
Iron	57-2	44130.43	45007.84	44834.28	44657.52	1.04	ppb
Krypton	83-1						cps
Lead	206-1	31.30	31.22	31.97	31.49	1.30	ppb
Lead	207-1	27.78	27.80	27.90	27.82	0.23	ppb
Lead	208-1	29.75	29.39	29.92	29.69	0.92	ppb
Lithium	6-1				98		%
Magnesium	24-2	3077.34	3149.05	3171.45	3132.62	1.57	ppb

LB Number :	LB104231	Operator :	Jaswal
Lab Sample ID :	K3766-14	Instrumnet Name :	P7
Client Sample ID :	MA52G4	Dilution Factor :	1
Date & Time Acquired ::	2019-07-24 14:25:13	DataFile Name :	037SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	933.78	950.54	940.69	941.67	0.89	ppb
Molybdenum	94-1	4.49	4.26	4.32	4.36	2.74	ppb
Molybdenum	95-1	4.48	4.41	4.06	4.31	5.21	ppb
Molybdenum	96-1	4.35	4.47	4.01	4.28	5.59	ppb
Molybdenum	97-1	4.15	4.36	4.62	4.38	5.40	ppb
Molybdenum	98-1	4.17	4.23	4.29	4.23	1.41	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	31.63	34.82	32.08	32.84	5.26	ppb
Phosphorus	31-2	519.67	626.99	720.18	622.28	16.12	ppb
Potassium	39-2	1602.43	1623.93	1615.97	1614.11	0.67	ppb
Rhodium	103-1				98		%
Rhodium	103-2				95		%
Scandium	45-1				100		%
Scandium	45-2				100		%
Selenium	77-2	9.87	7.28	9.97	9.04	16.87	ppb
Selenium	78-2	-0.93	1.03	0.77	0.29	364.67	ppb
Selenium	82-1	0.18	0.01	-0.39	-0.07		ppb
Silicon	28-1	1806.52	1877.62	1857.50	1847.21	1.98	ppb
Silver	109-1	0.17	0.12	0.17	0.15	16.08	ppb
Silver	107-1	0.13	0.16	0.17	0.15	15.87	ppb
Sodium	23-2	307.58	313.47	311.03	310.69	0.95	ppb
Strontium	86-1	10.71	10.52	10.64	10.62	0.92	ppb
Strontium	88-1	11.38	11.33	11.21	11.30	0.77	ppb
Sulfur	34-1	-3733.46	-3513.85	-3632.17	-3626.49		ppb
Terbium	159-1				109		%
Terbium	159-2				99		%
Thallium	203-1	0.22	0.05	0.04	0.10	100.10	ppb
Thallium	205-1	0.11	0.12	0.08	0.10	19.87	ppb
Thorium	232-1	3.73	3.65	3.63	3.67	1.43	ppb
Tin	118-1	63.77	61.19	59.49	61.48	3.50	ppb
Titanium	47-1	348.09	352.50	352.63	351.07	0.74	ppb
Uranium	238-1	1.81	1.79	1.76	1.78	1.31	ppb
Vanadium	51-2	26.32	26.11	26.69	26.37	1.10	ppb
Yttrium	89-1				109		%
Yttrium	89-2				100		%

LB Number :	LB104231	Operator :	Jaswal
Lab Sample ID :	K3766-14	Instrumnet Name :	P7
Client Sample ID :	MA52G4	Dilution Factor :	1
Date & Time Acquired ::	2019-07-24 14:25:13	DataFile Name :	037SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zinc	66-2	88.74	92.32	88.84	89.97	2.26	ppb
Zirconium	90-1	0.87	0.74	0.78	0.80	8.28	ppb
Zirconium	91-1	0.85	0.71	0.61	0.72	16.76	ppb

LB Number :	LB104231	Operator :	Jaswal
Lab Sample ID :	K3766-15	Instrumnet Name :	P7
Client Sample ID :	MA52G4D	Dilution Factor :	1
Date & Time Acquired ::	2019-07-24 14:28:50	DataFile Name :	038SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	8078.57	8193.09	8044.61	8105.43	0.96	ppb
Antimony	121-1	0.15	0.12	0.11	0.13	14.70	ppb
Arsenic	75-2	127.85	130.84	134.02	130.90	2.35	ppb
Barium	135-1	71.23	67.85	69.15	69.41	2.46	ppb
Barium	137-1	70.22	67.63	68.15	68.67	2.00	ppb
Beryllium	9-1	0.92	0.90	0.92	0.91	1.20	ppb
Bismuth	209-1				104		%
Bismuth	209-2				99		%
Boron	10-1	0.89	0.62	0.58	0.70	23.90	ppb
Boron	11-1	1.26	1.51	1.36	1.38	8.89	ppb
Cadmium	111-1	0.13	0.05	0.01	0.06	100.01	ppb
Cadmium	106-1	-0.86	0.97	-2.50	-0.80		ppb
Cadmium	108-1	2.21	3.38	1.57	2.38	38.57	ppb
Calcium	43-1	1843.46	1915.15	1897.82	1885.48	1.98	ppb
Calcium	44-1	1804.57	1809.34	1815.75	1809.89	0.31	ppb
Chromium	52-2	227.13	225.85	223.00	225.33	0.94	ppb
Cobalt	59-2	11.78	11.90	11.79	11.82	0.55	ppb
Copper	63-2	170.85	168.30	166.40	168.52	1.33	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				110		%
Holmium	165-2				98		%
Indium	115-1				99		%
Indium	115-2				94		%
Iron	56-2	45977.02	45727.95	45026.80	45577.26	1.08	ppb
Iron	57-2	42229.47	42114.86	41566.83	41970.39	0.84	ppb
Krypton	83-1						cps
Lead	206-1	29.80	29.66	29.41	29.62	0.68	ppb
Lead	207-1	27.20	26.08	27.11	26.80	2.31	ppb
Lead	208-1	28.45	27.98	28.25	28.23	0.84	ppb
Lithium	6-1				98		%
Magnesium	24-2	3008.26	3014.19	2997.21	3006.55	0.29	ppb

LB Number :	LB104231	Operator :	Jaswal
Lab Sample ID :	K3766-15	Instrumnet Name :	P7
Client Sample ID :	MA52G4D	Dilution Factor :	1
Date & Time Acquired ::	2019-07-24 14:28:50	DataFile Name :	038SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	893.08	892.24	887.66	890.99	0.33	ppb
Molybdenum	94-1	3.68	3.95	3.71	3.78	3.83	ppb
Molybdenum	95-1	3.80	4.01	4.21	4.01	5.07	ppb
Molybdenum	96-1	4.56	3.94	3.80	4.10	9.86	ppb
Molybdenum	97-1	3.91	3.74	4.04	3.90	3.91	ppb
Molybdenum	98-1	4.00	3.79	3.52	3.77	6.44	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	30.46	31.21	28.98	30.22	3.76	ppb
Phosphorus	31-2	710.68	662.25	673.37	682.10	3.72	ppb
Potassium	39-2	1539.40	1541.14	1531.50	1537.35	0.33	ppb
Rhodium	103-1				97		%
Rhodium	103-2				95		%
Scandium	45-1				99		%
Scandium	45-2				99		%
Selenium	77-2	9.97	12.46	4.99	9.14	41.62	ppb
Selenium	78-2	1.19	-0.89	1.61	0.63	211.13	ppb
Selenium	82-1	-0.39	0.23	0.29	0.04	932.60	ppb
Silicon	28-1	1764.92	1782.94	1813.16	1787.00	1.36	ppb
Silver	109-1	0.09	0.12	0.14	0.12	19.70	ppb
Silver	107-1	0.15	0.18	0.19	0.17	9.69	ppb
Sodium	23-2	286.93	301.77	298.49	295.73	2.64	ppb
Strontium	86-1	11.78	10.61	10.70	11.03	5.90	ppb
Strontium	88-1	10.84	10.62	10.79	10.75	1.10	ppb
Sulfur	34-1	-3691.64	-3703.28	-3502.12	-3632.35		ppb
Terbium	159-1				109		%
Terbium	159-2				98		%
Thallium	203-1	0.17	0.08	0.11	0.12	37.81	ppb
Thallium	205-1	0.11	0.11	0.11	0.11	2.69	ppb
Thorium	232-1	3.42	3.49	3.55	3.48	1.91	ppb
Tin	118-1	59.94	57.12	56.46	57.84	3.20	ppb
Titanium	47-1	333.76	334.93	336.41	335.03	0.40	ppb
Uranium	238-1	1.64	1.61	1.61	1.62	1.05	ppb
Vanadium	51-2	24.99	24.95	24.46	24.80	1.19	ppb
Yttrium	89-1				109		%
Yttrium	89-2				98		%

LB Number :	LB104231	Operator :	Jaswal
Lab Sample ID :	K3766-15	Instrumnet Name :	P7
Client Sample ID :	MA52G4D	Dilution Factor :	1
Date & Time Acquired ::	2019-07-24 14:28:50	DataFile Name :	038SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zinc	66-2	85.04	91.09	90.38	88.84	3.73	ppb
Zirconium	90-1	0.63	0.56	0.57	0.59	6.49	ppb
Zirconium	91-1	0.56	0.61	0.65	0.61	7.43	ppb

LB Number :	LB104231	Operator :	Jaswal
Lab Sample ID :	K3766-16	Instrumnet Name :	P7
Client Sample ID :	MA52G4S	Dilution Factor :	1
Date & Time Acquired ::	2019-07-24 14:32:26	DataFile Name :	039SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	8076.98	7948.76	7930.67	7985.47	1.00	ppb
Antimony	121-1	19.23	19.10	19.24	19.19	0.39	ppb
Arsenic	75-2	126.16	125.41	127.17	126.25	0.70	ppb
Barium	135-1	441.12	444.40	434.38	439.97	1.16	ppb
Barium	137-1	449.72	448.49	439.86	446.03	1.20	ppb
Beryllium	9-1	10.64	10.47	10.85	10.65	1.77	ppb
Bismuth	209-1				106		%
Bismuth	209-2				100		%
Boron	10-1	0.50	0.92	1.65	1.02	57.03	ppb
Boron	11-1	0.91	1.56	1.17	1.21	26.96	ppb
Cadmium	111-1	9.52	9.32	9.29	9.37	1.34	ppb
Cadmium	106-1	4.93	5.50	1.17	3.86	60.91	ppb
Cadmium	108-1	9.49	11.06	9.69	10.08	8.44	ppb
Calcium	43-1	1753.63	1788.98	1759.77	1767.46	1.07	ppb
Calcium	44-1	1722.08	1709.14	1727.91	1719.71	0.56	ppb
Chromium	52-2	248.02	246.62	241.47	245.37	1.41	ppb
Cobalt	59-2	114.01	112.78	111.24	112.68	1.23	ppb
Copper	63-2	205.27	204.01	202.83	204.03	0.60	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				111		%
Holmium	165-2				100		%
Indium	115-1				100		%
Indium	115-2				95		%
Iron	56-2	42002.09	41329.85	41032.91	41454.95	1.20	ppb
Iron	57-2	38761.18	38072.73	38241.03	38358.31	0.94	ppb
Krypton	83-1						cps
Lead	206-1	31.59	31.05	31.60	31.41	1.00	ppb
Lead	207-1	28.37	27.05	28.60	28.01	2.99	ppb
Lead	208-1	30.01	29.33	29.76	29.70	1.17	ppb
Lithium	6-1				99		%
Magnesium	24-2	2810.07	2850.34	2822.04	2827.48	0.73	ppb

LB Number :	LB104231	Operator :	Jaswal
Lab Sample ID :	K3766-16	Instrumnet Name :	P7
Client Sample ID :	MA52G4S	Dilution Factor :	1
Date & Time Acquired ::	2019-07-24 14:32:26	DataFile Name :	039SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	918.61	911.97	907.24	912.61	0.63	ppb
Molybdenum	94-1	3.40	3.44	3.26	3.37	2.82	ppb
Molybdenum	95-1	3.67	3.43	3.65	3.58	3.68	ppb
Molybdenum	96-1	4.13	3.89	3.73	3.92	5.05	ppb
Molybdenum	97-1	3.66	3.75	3.73	3.71	1.34	ppb
Molybdenum	98-1	3.77	3.69	3.42	3.63	4.98	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	132.37	129.76	128.83	130.32	1.41	ppb
Phosphorus	31-2	731.12	614.96	526.81	624.29	16.41	ppb
Potassium	39-2	1434.66	1445.98	1434.24	1438.29	0.46	ppb
Rhodium	103-1				97		%
Rhodium	103-2				95		%
Scandium	45-1				99		%
Scandium	45-2				99		%
Selenium	77-2	19.85	32.36	14.75	22.32	40.59	ppb
Selenium	78-2	9.86	10.74	13.84	11.48	18.18	ppb
Selenium	82-1	12.87	10.77	11.25	11.63	9.48	ppb
Silicon	28-1	1691.35	1708.87	1700.46	1700.23	0.52	ppb
Silver	109-1	9.92	9.85	9.67	9.81	1.32	ppb
Silver	107-1	10.17	9.60	9.65	9.80	3.21	ppb
Sodium	23-2	290.74	293.88	278.85	287.82	2.75	ppb
Strontium	86-1	9.83	9.55	10.35	9.91	4.07	ppb
Strontium	88-1	10.52	10.27	9.89	10.23	3.09	ppb
Sulfur	34-1	-3726.13	-3736.65	-3733.47	-3732.08		ppb
Terbium	159-1				110		%
Terbium	159-2				99		%
Thallium	203-1	9.51	9.59	9.47	9.53	0.67	ppb
Thallium	205-1	9.67	9.78	9.39	9.61	2.11	ppb
Thorium	232-1	3.33	3.24	3.32	3.30	1.50	ppb
Tin	118-1	53.91	54.85	51.87	53.54	2.85	ppb
Titanium	47-1	330.14	324.51	322.35	325.67	1.23	ppb
Uranium	238-1	1.49	1.47	1.49	1.48	0.69	ppb
Vanadium	51-2	123.00	122.16	122.51	122.56	0.34	ppb
Yttrium	89-1				109		%
Yttrium	89-2				99		%

LB Number :	LB104231	Operator :	Jaswal
Lab Sample ID :	K3766-16	Instrumnet Name :	P7
Client Sample ID :	MA52G4S	Dilution Factor :	1
Date & Time Acquired ::	2019-07-24 14:32:26	DataFile Name :	039SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zinc	66-2	182.66	173.75	172.56	176.32	3.13	ppb
Zirconium	90-1	0.65	0.53	0.56	0.58	10.88	ppb
Zirconium	91-1	0.59	0.73	0.58	0.63	13.77	ppb

LB Number :	LB104231	Operator :	Jaswal
Lab Sample ID :	K3766-14LX5	Instrumnet Name :	P7
Client Sample ID :	MA52G4L	Dilution Factor :	5
Date & Time Acquired ::	2019-07-24 14:36:02	DataFile Name :	040SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	1690.88	1657.68	1660.02	1669.53	1.11	ppb
Antimony	121-1	0.02	0.01	0.00	0.01	98.19	ppb
Arsenic	75-2	26.80	27.83	25.49	26.71	4.38	ppb
Barium	135-1	14.22	14.72	14.28	14.41	1.88	ppb
Barium	137-1	14.35	13.53	13.75	13.88	3.08	ppb
Beryllium	9-1	0.18	0.23	0.17	0.19	17.82	ppb
Bismuth	209-1				105		%
Bismuth	209-2				99		%
Boron	10-1	-0.27	0.15	-0.60	-0.24		ppb
Boron	11-1	0.05	0.15	0.29	0.16	74.34	ppb
Cadmium	111-1	-0.07	-0.14	-0.08	-0.09		ppb
Cadmium	106-1	-3.23	-5.50	-2.97	-3.90		ppb
Cadmium	108-1	0.55	0.05	0.40	0.33	78.12	ppb
Calcium	43-1	423.34	354.92	341.11	373.13	11.80	ppb
Calcium	44-1	363.48	355.12	362.91	360.50	1.30	ppb
Chromium	52-2	45.97	46.54	45.98	46.16	0.70	ppb
Cobalt	59-2	2.45	2.30	2.36	2.37	3.30	ppb
Copper	63-2	34.47	34.65	34.93	34.68	0.66	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				108		%
Holmium	165-2				98		%
Indium	115-1				98		%
Indium	115-2				95		%
Iron	56-2	9411.78	9373.78	9236.84	9340.80	0.99	ppb
Iron	57-2	8557.57	8601.97	8534.09	8564.54	0.40	ppb
Krypton	83-1						cps
Lead	206-1	5.68	6.23	5.94	5.95	4.59	ppb
Lead	207-1	5.28	5.40	5.71	5.46	4.05	ppb
Lead	208-1	5.54	5.82	5.75	5.70	2.61	ppb
Lithium	6-1				96		%
Magnesium	24-2	606.32	602.52	591.52	600.12	1.28	ppb

LB Number :	LB104231	Operator :	Jaswal
Lab Sample ID :	K3766-14LX5	Instrumnet Name :	P7
Client Sample ID :	MA52G4L	Dilution Factor :	5
Date & Time Acquired ::	2019-07-24 14:36:02	DataFile Name :	040SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	179.20	183.92	179.12	180.75	1.52	ppb
Molybdenum	94-1	0.69	0.83	0.79	0.77	9.12	ppb
Molybdenum	95-1	0.91	0.75	0.94	0.87	11.52	ppb
Molybdenum	96-1	1.00	0.75	0.96	0.90	14.86	ppb
Molybdenum	97-1	1.24	0.77	0.87	0.96	25.64	ppb
Molybdenum	98-1	0.87	0.73	0.75	0.78	9.36	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	6.69	6.40	6.79	6.63	3.06	ppb
Phosphorus	31-2	100.05	173.33	117.59	130.33	29.36	ppb
Potassium	39-2	308.95	300.18	300.55	303.23	1.64	ppb
Rhodium	103-1				96		%
Rhodium	103-2				94		%
Scandium	45-1				97		%
Scandium	45-2				97		%
Selenium	77-2	2.57	0.00	2.52	1.70	86.62	ppb
Selenium	78-2	-2.92	-1.26	-3.38	-2.52		ppb
Selenium	82-1	-0.36	-0.57	-0.35	-0.43		ppb
Silicon	28-1	334.98	334.20	340.34	336.51	0.99	ppb
Silver	109-1	0.02	0.04	0.03	0.03	40.33	ppb
Silver	107-1	0.04	0.03	0.06	0.04	38.14	ppb
Sodium	23-2	77.02	75.99	76.37	76.46	0.68	ppb
Strontium	86-1	2.06	1.84	2.38	2.09	12.86	ppb
Strontium	88-1	2.30	2.12	2.29	2.24	4.37	ppb
Sulfur	34-1	-3755.63	-3739.28	-3621.25	-3705.39		ppb
Terbium	159-1				108		%
Terbium	159-2				98		%
Thallium	203-1	0.02	0.01	-0.01	0.01	261.54	ppb
Thallium	205-1	0.01	0.03	0.01	0.02	57.18	ppb
Thorium	232-1	0.66	0.67	0.74	0.69	6.68	ppb
Tin	118-1	12.12	11.45	11.02	11.53	4.82	ppb
Titanium	47-1	66.17	67.31	67.45	66.98	1.05	ppb
Uranium	238-1	0.36	0.34	0.34	0.35	2.45	ppb
Vanadium	51-2	5.43	4.88	5.21	5.17	5.32	ppb
Yttrium	89-1				105		%
Yttrium	89-2				96		%

LB Number :	LB104231	Operator :	Jaswal
Lab Sample ID :	K3766-14LX5	Instrumnet Name :	P7
Client Sample ID :	MA52G4L	Dilution Factor :	5
Date & Time Acquired ::	2019-07-24 14:36:02	DataFile Name :	040SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zinc	66-2	17.05	17.64	18.91	17.87	5.34	ppb
Zirconium	90-1	0.11	0.11	0.09	0.10	12.81	ppb
Zirconium	91-1	0.11	0.13	0.12	0.12	6.49	ppb

LB Number :	LB104231	Operator :	Jaswal
Lab Sample ID :	K3766-17	Instrumnet Name :	P7
Client Sample ID :	MA52G8	Dilution Factor :	1
Date & Time Acquired ::	2019-07-24 14:39:38	DataFile Name :	041SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	31977.51	30978.23	31745.70	31567.15	1.66	ppb
Antimony	121-1	0.43	0.49	0.48	0.47	7.17	ppb
Arsenic	75-2	76.03	71.93	76.04	74.66	3.18	ppb
Barium	135-1	195.47	202.44	200.82	199.58	1.83	ppb
Barium	137-1	197.07	207.64	201.63	202.11	2.62	ppb
Beryllium	9-1	1.73	1.82	1.70	1.75	3.62	ppb
Bismuth	209-1				107		%
Bismuth	209-2				99		%
Boron	10-1	9.18	12.86	13.04	11.70	18.65	ppb
Boron	11-1	11.38	12.50	12.39	12.09	5.09	ppb
Cadmium	111-1	-3.01	-3.56	-3.19	-3.25		ppb
Cadmium	106-1	53.90	58.88	57.71	56.83	4.58	ppb
Cadmium	108-1	86.94	102.10	90.02	93.02	8.62	ppb
Calcium	43-1	7226.69	7501.41	7437.60	7388.57	1.95	ppb
Calcium	44-1	6912.94	7447.70	7269.62	7210.09	3.78	ppb
Chromium	52-2	11819.42	11593.80	11675.97	11696.40	0.98	ppb
Cobalt	59-2	17.71	17.62	17.34	17.56	1.09	ppb
Copper	63-2	7332.25	7155.57	7207.54	7231.79	1.26	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				113		%
Holmium	165-2				98		%
Indium	115-1				96		%
Indium	115-2				86		%
Iron	56-2	50934.49	50005.06	50487.76	50475.77	0.92	ppb
Iron	57-2	46905.66	46445.09	47291.67	46880.81	0.90	ppb
Krypton	83-1						cps
Lead	206-1	504.34	551.80	535.18	530.44	4.54	ppb
Lead	207-1	452.98	490.65	473.13	472.26	3.99	ppb
Lead	208-1	487.63	531.58	518.06	512.42	4.39	ppb
Lithium	6-1				97		%
Magnesium	24-2	7289.20	7117.95	7286.70	7231.28	1.36	ppb

LB Number :	LB104231	Operator :	Jaswal
Lab Sample ID :	K3766-17	Instrumnet Name :	P7
Client Sample ID :	MA52G8	Dilution Factor :	1
Date & Time Acquired ::	2019-07-24 14:39:38	DataFile Name :	041SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	1039.06	1027.37	1039.99	1035.47	0.68	ppb
Molybdenum	94-1	4.33	4.93	4.44	4.57	7.06	ppb
Molybdenum	95-1	4.94	5.37	4.83	5.04	5.69	ppb
Molybdenum	96-1	4.95	5.26	4.95	5.05	3.54	ppb
Molybdenum	97-1	4.78	4.89	5.10	4.92	3.21	ppb
Molybdenum	98-1	5.05	4.96	4.99	5.00	0.96	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	289.15	291.95	294.92	292.01	0.99	ppb
Phosphorus	31-2	2138.65	2214.58	1922.27	2091.83	7.25	ppb
Potassium	39-2	2551.43	2518.70	2588.80	2552.98	1.37	ppb
Rhodium	103-1				93		%
Rhodium	103-2				89		%
Scandium	45-1				95		%
Scandium	45-2				91		%
Selenium	77-2	40.29	38.63	33.93	37.62	8.77	ppb
Selenium	78-2	6.71	3.02	5.07	4.94	37.47	ppb
Selenium	82-1	3.32	3.85	2.64	3.27	18.64	ppb
Silicon	28-1	3252.82	3521.05	3476.07	3416.65	4.20	ppb
Silver	109-1	6.78	7.62	7.08	7.16	5.93	ppb
Silver	107-1	6.99	7.03	7.00	7.01	0.24	ppb
Sodium	23-2	1604.79	1577.54	1593.14	1591.83	0.86	ppb
Strontium	86-1	51.77	53.59	53.61	52.99	2.00	ppb
Strontium	88-1	51.95	54.46	52.76	53.06	2.42	ppb
Sulfur	34-1	1626.06	2437.11	2471.31	2178.16	21.97	ppb
Terbium	159-1				111		%
Terbium	159-2				98		%
Thallium	203-1	0.35	0.33	0.38	0.35	6.70	ppb
Thallium	205-1	0.38	0.48	0.44	0.43	12.26	ppb
Thorium	232-1	1.39	1.43	1.40	1.41	1.28	ppb
Tin	118-1	1650.59	1782.64	1737.26	1723.49	3.89	ppb
Titanium	47-1	557.29	600.71	581.49	579.83	3.75	ppb
Uranium	238-1	10.07	10.83	10.04	10.31	4.36	ppb
Vanadium	51-2	57.24	57.76	57.89	57.63	0.59	ppb
Yttrium	89-1				114		%
Yttrium	89-2				100		%

LB Number :	LB104231	Operator :	Jaswal
Lab Sample ID :	K3766-17	Instrumnet Name :	P7
Client Sample ID :	MA52G8	Dilution Factor :	1
Date & Time Acquired ::	2019-07-24 14:39:38	DataFile Name :	041SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zinc	66-2	198.59	190.32	195.45	194.79	2.14	ppb
Zirconium	90-1	0.73	0.69	0.75	0.72	4.45	ppb
Zirconium	91-1	0.68	0.74	0.68	0.70	5.38	ppb

LB Number :	LB104231	Operator :	Jaswal
Lab Sample ID :	K3766-18	Instrumnet Name :	P7
Client Sample ID :	MA52H0	Dilution Factor :	1
Date & Time Acquired ::	2019-07-24 14:43:13	DataFile Name :	042SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	18955.55	18717.39	18596.71	18756.55	0.97	ppb
Antimony	121-1	0.17	0.17	0.17	0.17	1.90	ppb
Arsenic	75-2	13.15	13.38	14.10	13.54	3.66	ppb
Barium	135-1	82.70	85.84	81.83	83.46	2.53	ppb
Barium	137-1	86.91	83.48	83.55	84.65	2.32	ppb
Beryllium	9-1	1.75	1.77	1.69	1.74	2.31	ppb
Bismuth	209-1				106		%
Bismuth	209-2				98		%
Boron	10-1	6.14	7.19	7.08	6.80	8.50	ppb
Boron	11-1	8.27	7.15	7.86	7.76	7.28	ppb
Cadmium	111-1	-0.62	-0.66	-0.51	-0.59		ppb
Cadmium	106-1	18.92	21.75	18.38	19.68	9.19	ppb
Cadmium	108-1	28.04	28.09	24.26	26.80	8.20	ppb
Calcium	43-1	2092.55	2033.72	2223.23	2116.50	4.58	ppb
Calcium	44-1	2125.96	2110.28	2087.60	2107.95	0.91	ppb
Chromium	52-2	394.23	394.76	391.72	393.57	0.41	ppb
Cobalt	59-2	5.39	5.34	5.41	5.38	0.69	ppb
Copper	63-2	669.21	663.36	664.28	665.62	0.47	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				110		%
Holmium	165-2				98		%
Indium	115-1				96		%
Indium	115-2				90		%
Iron	56-2	10725.20	10576.23	10537.07	10612.83	0.94	ppb
Iron	57-2	9854.89	9746.04	9874.56	9825.16	0.70	ppb
Krypton	83-1						cps
Lead	206-1	115.50	115.29	117.41	116.07	1.00	ppb
Lead	207-1	102.86	103.61	102.79	103.09	0.44	ppb
Lead	208-1	109.98	110.24	109.82	110.01	0.19	ppb
Lithium	6-1				95		%
Magnesium	24-2	2931.71	2884.45	2903.60	2906.58	0.82	ppb

LB Number :	LB104231	Operator :	Jaswal
Lab Sample ID :	K3766-18	Instrumnet Name :	P7
Client Sample ID :	MA52H0	Dilution Factor :	1
Date & Time Acquired ::	2019-07-24 14:43:13	DataFile Name :	042SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	129.55	129.30	128.29	129.05	0.51	ppb
Molybdenum	94-1	1.63	1.36	1.16	1.38	16.91	ppb
Molybdenum	95-1	1.21	1.15	1.07	1.14	6.01	ppb
Molybdenum	96-1	1.41	1.17	1.41	1.33	10.69	ppb
Molybdenum	97-1	1.11	1.08	1.02	1.07	4.58	ppb
Molybdenum	98-1	1.23	1.03	1.12	1.13	8.63	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	132.53	132.33	132.38	132.41	0.08	ppb
Phosphorus	31-2	959.38	951.51	958.47	956.45	0.45	ppb
Potassium	39-2	1043.89	1027.60	1038.35	1036.61	0.80	ppb
Rhodium	103-1				93		%
Rhodium	103-2				91		%
Scandium	45-1				93		%
Scandium	45-2				93		%
Selenium	77-2	37.22	38.97	49.01	41.74	15.25	ppb
Selenium	78-2	7.38	8.38	5.59	7.12	19.83	ppb
Selenium	82-1	2.64	0.69	2.41	1.91	55.82	ppb
Silicon	28-1	2141.80	2151.78	2161.66	2151.75	0.46	ppb
Silver	109-1	2.01	1.87	1.79	1.89	5.69	ppb
Silver	107-1	1.83	1.79	1.86	1.83	1.83	ppb
Sodium	23-2	558.70	543.72	540.52	547.65	1.77	ppb
Strontium	86-1	16.92	17.26	16.38	16.85	2.62	ppb
Strontium	88-1	16.70	16.50	16.42	16.54	0.88	ppb
Sulfur	34-1	-273.82	-752.87	-551.07	-525.92		ppb
Terbium	159-1				109		%
Terbium	159-2				97		%
Thallium	203-1	0.20	0.12	0.09	0.14	42.04	ppb
Thallium	205-1	0.16	0.19	0.21	0.19	14.91	ppb
Thorium	232-1	0.91	0.92	0.92	0.91	0.87	ppb
Tin	118-1	323.02	313.57	309.10	315.23	2.26	ppb
Titanium	47-1	315.28	319.74	313.86	316.29	0.97	ppb
Uranium	238-1	14.13	13.82	14.07	14.01	1.19	ppb
Vanadium	51-2	16.78	17.00	16.48	16.76	1.54	ppb
Yttrium	89-1				110		%
Yttrium	89-2				100		%

LB Number :	LB104231	Operator :	Jaswal
Lab Sample ID :	K3766-18	Instrumnet Name :	P7
Client Sample ID :	MA52H0	Dilution Factor :	1
Date & Time Acquired ::	2019-07-24 14:43:13	DataFile Name :	042SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zinc	66-2	429.35	417.05	428.21	424.87	1.60	ppb
Zirconium	90-1	0.53	0.52	0.43	0.49	10.36	ppb
Zirconium	91-1	0.38	0.49	0.57	0.48	19.39	ppb

LB Number :	LB104231	Operator :	Jaswal
Lab Sample ID :	K3766-19	Instrumnet Name :	P7
Client Sample ID :	MA52H1	Dilution Factor :	1
Date & Time Acquired ::	2019-07-24 14:46:49	DataFile Name :	043SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	14483.50	14561.87	14361.05	14468.81	0.70	ppb
Antimony	121-1	0.07	0.13	0.09	0.10	30.69	ppb
Arsenic	75-2	11.83	12.74	13.21	12.59	5.57	ppb
Barium	135-1	60.62	59.10	56.86	58.86	3.21	ppb
Barium	137-1	59.69	57.83	57.46	58.33	2.05	ppb
Beryllium	9-1	0.62	0.75	0.71	0.69	9.40	ppb
Bismuth	209-1				103		%
Bismuth	209-2				94		%
Boron	10-1	0.85	1.35	1.09	1.10	22.95	ppb
Boron	11-1	1.09	1.51	1.27	1.29	16.52	ppb
Cadmium	111-1	-0.02	-0.02	0.01	-0.01		ppb
Cadmium	106-1	-2.19	-3.02	-0.65	-1.96		ppb
Cadmium	108-1	0.40	0.05	-0.12	0.11	244.06	ppb
Calcium	43-1	2089.11	2015.53	1990.84	2031.83	2.52	ppb
Calcium	44-1	1965.55	1950.48	1955.07	1957.03	0.39	ppb
Chromium	52-2	57.41	58.20	56.36	57.32	1.61	ppb
Cobalt	59-2	9.66	9.93	9.89	9.83	1.46	ppb
Copper	63-2	32.05	31.60	31.68	31.78	0.76	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				107		%
Holmium	165-2				94		%
Indium	115-1				94		%
Indium	115-2				88		%
Iron	56-2	19030.35	19161.82	18734.85	18975.68	1.15	ppb
Iron	57-2	17374.17	17624.94	17229.93	17409.68	1.15	ppb
Krypton	83-1						cps
Lead	206-1	11.63	10.62	11.14	11.13	4.53	ppb
Lead	207-1	9.78	10.29	10.77	10.28	4.79	ppb
Lead	208-1	10.72	10.56	10.76	10.68	0.99	ppb
Lithium	6-1				92		%
Magnesium	24-2	5251.86	5332.18	5186.09	5256.71	1.39	ppb

LB Number :	LB104231	Operator :	Jaswal
Lab Sample ID :	K3766-19	Instrumnet Name :	P7
Client Sample ID :	MA52H1	Dilution Factor :	1
Date & Time Acquired ::	2019-07-24 14:46:49	DataFile Name :	043SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	172.63	174.77	171.85	173.09	0.87	ppb
Molybdenum	94-1	0.67	0.71	0.89	0.76	15.44	ppb
Molybdenum	95-1	0.36	0.43	0.38	0.39	9.15	ppb
Molybdenum	96-1	0.67	0.45	0.56	0.56	19.43	ppb
Molybdenum	97-1	0.33	0.42	0.33	0.36	13.31	ppb
Molybdenum	98-1	0.44	0.39	0.44	0.42	7.57	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	26.89	28.38	26.78	27.35	3.26	ppb
Phosphorus	31-2	333.77	383.46	335.47	350.90	8.04	ppb
Potassium	39-2	1969.83	1990.35	1947.34	1969.17	1.09	ppb
Rhodium	103-1				91		%
Rhodium	103-2				88		%
Scandium	45-1				91		%
Scandium	45-2				90		%
Selenium	77-2	5.28	16.00	10.74	10.67	50.20	ppb
Selenium	78-2	-2.43	1.60	0.30	-0.18		ppb
Selenium	82-1	0.23	0.06	-0.18	0.03	608.95	ppb
Silicon	28-1	1590.80	1592.14	1616.54	1599.83	0.91	ppb
Silver	109-1	0.04	0.07	0.06	0.05	28.60	ppb
Silver	107-1	0.08	0.05	0.07	0.07	20.18	ppb
Sodium	23-2	282.09	286.63	283.13	283.95	0.84	ppb
Strontium	86-1	11.00	10.68	10.68	10.79	1.68	ppb
Strontium	88-1	10.70	10.80	10.86	10.79	0.74	ppb
Sulfur	34-1	-3972.93	-4013.26	-3975.08	-3987.09		ppb
Terbium	159-1				106		%
Terbium	159-2				93		%
Thallium	203-1	0.16	0.20	0.16	0.17	12.37	ppb
Thallium	205-1	0.17	0.18	0.15	0.17	7.29	ppb
Thorium	232-1	2.83	2.85	2.86	2.85	0.68	ppb
Tin	118-1	2.78	2.81	2.70	2.76	2.10	ppb
Titanium	47-1	670.59	666.95	676.81	671.45	0.74	ppb
Uranium	238-1	1.67	1.53	1.59	1.59	4.46	ppb
Vanadium	51-2	29.79	29.00	27.89	28.90	3.31	ppb
Yttrium	89-1				103		%
Yttrium	89-2				92		%

LB Number :	LB104231	Operator :	Jaswal
Lab Sample ID :	K3766-19	Instrumnet Name :	P7
Client Sample ID :	MA52H1	Dilution Factor :	1
Date & Time Acquired ::	2019-07-24 14:46:49	DataFile Name :	043SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zinc	66-2	47.32	47.80	46.66	47.26	1.22	ppb
Zirconium	90-1	0.29	0.31	0.32	0.31	3.96	ppb
Zirconium	91-1	0.31	0.31	0.19	0.27	25.55	ppb

LB Number :	LB104231	Operator :	Jaswal
Lab Sample ID :	CCV048	Instrumnet Name :	P7
Client Sample ID :	CCV048	Dilution Factor :	1
Date & Time Acquired ::	2019-07-24 14:52:34	DataFile Name :	044CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	53097.11	53594.80	53905.31	53532.41	0.76	ppb
Antimony	121-1	486.91	489.59	458.85	478.45	3.56	ppb
Arsenic	75-2	522.91	513.25	526.66	520.94	1.33	ppb
Barium	135-1	2335.36	2338.38	2176.45	2283.39	4.06	ppb
Barium	137-1	2510.02	2496.07	2339.66	2448.58	3.86	ppb
Beryllium	9-1	494.44	485.66	465.01	481.70	3.14	ppb
Bismuth	209-1				96		%
Bismuth	209-2				92		%
Boron	10-1	465.68	454.12	440.02	453.27	2.84	ppb
Boron	11-1	468.07	465.10	451.17	461.45	1.96	ppb
Cadmium	111-1	485.98	478.08	457.06	473.71	3.16	ppb
Cadmium	106-1	470.57	471.24	452.99	464.94	2.23	ppb
Cadmium	108-1	482.38	476.87	430.51	463.25	6.15	ppb
Calcium	43-1	263742.07	263298.92	251687.59	259576.19	2.63	ppb
Calcium	44-1	263938.89	263630.77	249700.31	259089.99	3.14	ppb
Chromium	52-2	476.22	480.66	486.15	481.01	1.04	ppb
Cobalt	59-2	464.60	466.70	476.47	469.26	1.35	ppb
Copper	63-2	945.16	952.62	962.56	953.45	0.92	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				109		%
Holmium	165-2				100		%
Indium	115-1				91		%
Indium	115-2				90		%
Iron	56-2	127556.98	125934.00	127784.57	127091.85	0.79	ppb
Iron	57-2	123782.46	124915.40	125061.69	124586.52	0.56	ppb
Krypton	83-1						cps
Lead	206-1	496.46	489.96	461.42	482.62	3.86	ppb
Lead	207-1	499.72	494.20	465.32	486.41	3.80	ppb
Lead	208-1	511.24	505.77	476.26	497.76	3.78	ppb
Lithium	6-1				92		%
Magnesium	24-2	246399.60	245125.52	247086.97	246204.03	0.40	ppb

LB Number :	LB104231	Operator :	Jaswal
Lab Sample ID :	CCV048	Instrumnet Name :	P7
Client Sample ID :	CCV048	Dilution Factor :	1
Date & Time Acquired ::	2019-07-24 14:52:34	DataFile Name :	044CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	935.60	948.09	954.95	946.22	1.04	ppb
Molybdenum	94-1	2523.31	2495.88	2375.53	2464.91	3.19	ppb
Molybdenum	95-1	2521.98	2469.75	2370.56	2454.10	3.13	ppb
Molybdenum	96-1	2513.26	2480.83	2359.45	2451.18	3.31	ppb
Molybdenum	97-1	2311.49	2259.66	2141.10	2237.42	3.90	ppb
Molybdenum	98-1	2515.81	2466.34	2342.01	2441.39	3.67	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	457.94	457.71	464.29	459.98	0.81	ppb
Phosphorus	31-2	9060.57	9207.10	9989.43	9419.03	5.30	ppb
Potassium	39-2	123076.75	122650.17	123276.80	123001.24	0.26	ppb
Rhodium	103-1				83		%
Rhodium	103-2				86		%
Scandium	45-1				90		%
Scandium	45-2				96		%
Selenium	77-2	500.42	428.57	453.03	460.68	7.93	ppb
Selenium	78-2	482.91	519.23	509.39	503.84	3.73	ppb
Selenium	82-1	490.52	484.68	456.64	477.28	3.80	ppb
Silicon	28-1	489.05	483.13	466.43	479.54	2.45	ppb
Silver	109-1	481.84	476.20	446.50	468.18	4.06	ppb
Silver	107-1	479.54	478.53	446.79	468.29	3.98	ppb
Sodium	23-2	249841.61	248846.79	250537.13	249741.84	0.34	ppb
Strontium	86-1	483.83	478.06	452.04	471.31	3.59	ppb
Strontium	88-1	515.96	517.90	486.51	506.79	3.47	ppb
Sulfur	34-1	9376.45	9303.63	8480.74	9053.61	5.49	ppb
Terbium	159-1				107		%
Terbium	159-2				100		%
Thallium	203-1	497.70	489.32	462.17	483.06	3.84	ppb
Thallium	205-1	539.50	536.87	506.29	527.55	3.50	ppb
Thorium	232-1	551.70	549.13	523.27	541.37	2.90	ppb
Tin	118-1	453.37	453.45	421.28	442.70	4.19	ppb
Titanium	47-1	2545.55	2518.40	2401.60	2488.52	3.07	ppb
Uranium	238-1	553.19	551.75	520.58	541.84	3.40	ppb
Vanadium	51-2	478.91	483.35	487.25	483.17	0.86	ppb
Yttrium	89-1				100		%
Yttrium	89-2				95		%

LB Number :	LB104231	Operator :	Jaswal
Lab Sample ID :	CCV048	Instrumnet Name :	P7
Client Sample ID :	CCV048	Dilution Factor :	1
Date & Time Acquired ::	2019-07-24 14:52:34	DataFile Name :	044CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zinc	66-2	946.99	960.61	977.14	961.58	1.57	ppb
Zirconium	90-1	463.23	452.64	429.01	448.29	3.91	ppb
Zirconium	91-1	477.06	474.59	443.97	465.21	3.96	ppb

LB Number : LB104231 Operator : Jaswal
 Lab Sample ID : CCB048 Instrumnet Name : P7
 Client Sample ID : CCB048 Dilution Factor : 1
 Date & Time Acquired :: 2019-07-24 14:56:24 DataFile Name : 045CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	2.05	2.03	0.43	1.50	61.59	ppb
Antimony	121-1	0.41	0.29	0.41	0.37	18.51	ppb
Arsenic	75-2	-0.01	0.07	0.12	0.06	113.51	ppb
Barium	135-1	0.32	0.13	0.07	0.18	74.50	ppb
Barium	137-1	0.38	0.07	0.12	0.19	84.81	ppb
Beryllium	9-1	0.05	0.07	0.02	0.05	51.88	ppb
Bismuth	209-1				104		%
Bismuth	209-2				100		%
Boron	10-1	15.70	12.44	13.30	13.81	12.24	ppb
Boron	11-1	16.12	13.32	13.76	14.40	10.48	ppb
Cadmium	111-1	-0.02	-0.09	0.04	-0.02		ppb
Cadmium	106-1	-2.44	-4.01	0.46	-2.00		ppb
Cadmium	108-1	-0.12	0.05	-0.12	-0.07		ppb
Calcium	43-1	35.98	21.17	17.54	24.90	39.25	ppb
Calcium	44-1	27.86	17.50	12.76	19.37	39.86	ppb
Chromium	52-2	0.01	0.10	0.06	0.06	74.99	ppb
Cobalt	59-2	0.02	0.00	0.00	0.01	149.68	ppb
Copper	63-2	0.06	0.07	0.09	0.07	23.10	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				99		%
Indium	115-1				97		%
Indium	115-2				95		%
Iron	56-2	3.98	3.91	3.36	3.75	9.07	ppb
Iron	57-2	6.23	4.95	4.39	5.19	18.19	ppb
Krypton	83-1						cps
Lead	206-1	0.17	0.20	0.14	0.17	17.67	ppb
Lead	207-1	0.23	0.12	0.16	0.17	34.01	ppb
Lead	208-1	0.18	0.15	0.15	0.16	11.36	ppb
Lithium	6-1				95		%
Magnesium	24-2	5.80	5.76	5.63	5.73	1.53	ppb

LB Number :	LB104231	Operator :	Jaswal
Lab Sample ID :	CCB048	Instrumnet Name :	P7
Client Sample ID :	CCB048	Dilution Factor :	1
Date & Time Acquired ::	2019-07-24 14:56:24	DataFile Name :	045CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	0.05	0.00	0.03	0.03	84.29	ppb
Molybdenum	94-1	0.53	0.37	0.24	0.38	37.89	ppb
Molybdenum	95-1	0.51	0.40	0.37	0.42	17.17	ppb
Molybdenum	96-1	0.42	0.41	0.42	0.41	1.49	ppb
Molybdenum	97-1	0.54	0.38	0.30	0.41	30.58	ppb
Molybdenum	98-1	0.55	0.41	0.28	0.41	32.53	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	-0.04	-0.02	0.02	-0.01		ppb
Phosphorus	31-2	-48.12	-34.39	-13.30	-31.94		ppb
Potassium	39-2	5.66	9.75	1.12	5.51	78.43	ppb
Rhodium	103-1				94		%
Rhodium	103-2				94		%
Scandium	45-1				94		%
Scandium	45-2				97		%
Selenium	77-2	0.00	0.00	0.00	0.00	N/A	ppb
Selenium	78-2	-2.93	-0.39	-2.07	-1.80		ppb
Selenium	82-1	0.24	-1.22	0.34	-0.22		ppb
Silicon	28-1	-4.05	-2.68	-3.49	-3.41		ppb
Silver	109-1	0.08	0.04	0.02	0.05	70.17	ppb
Silver	107-1	0.10	0.03	0.05	0.06	60.31	ppb
Sodium	23-2	37.21	40.90	38.38	38.83	4.86	ppb
Strontium	86-1	0.01	-0.01	-0.06	-0.02		ppb
Strontium	88-1	0.06	0.04	0.03	0.04	40.05	ppb
Sulfur	34-1	-2101.32	-1979.10	-1769.58	-1950.00		ppb
Terbium	159-1				107		%
Terbium	159-2				98		%
Thallium	203-1	0.10	0.13	0.08	0.11	21.07	ppb
Thallium	205-1	0.11	0.11	0.08	0.10	16.81	ppb
Thorium	232-1	0.14	0.09	0.11	0.11	22.39	ppb
Tin	118-1	0.21	0.14	0.09	0.15	41.04	ppb
Titanium	47-1	0.60	0.16	0.07	0.28	102.79	ppb
Uranium	238-1	0.07	0.04	0.02	0.04	49.29	ppb
Vanadium	51-2	0.01	0.00	0.00	0.00	157.08	ppb
Yttrium	89-1				103		%
Yttrium	89-2				96		%

LB Number :	LB104231	Operator :	Jaswal
Lab Sample ID :	CCB048	Instrumnet Name :	P7
Client Sample ID :	CCB048	Dilution Factor :	1
Date & Time Acquired ::	2019-07-24 14:56:24	DataFile Name :	045CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zinc	66-2	-0.11	-0.06	-0.11	-0.10		ppb
Zirconium	90-1	0.04	0.04	0.05	0.04	10.73	ppb
Zirconium	91-1	0.02	0.02	0.01	0.02	50.29	ppb

LB Number :	LB104231	Operator :	Jaswal
Lab Sample ID :	K3766-20	Instrumnet Name :	P7
Client Sample ID :	MA52H3	Dilution Factor :	1
Date & Time Acquired ::	2019-07-24 15:00:00	DataFile Name :	046SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	31979.83	31788.56	31593.24	31787.21	0.61	ppb
Antimony	121-1	0.27	0.31	0.34	0.31	12.26	ppb
Arsenic	75-2	9.85	9.91	10.69	10.15	4.61	ppb
Barium	135-1	161.19	153.84	154.18	156.40	2.65	ppb
Barium	137-1	159.53	157.79	158.09	158.47	0.59	ppb
Beryllium	9-1	1.85	1.80	1.86	1.84	1.53	ppb
Bismuth	209-1				109		%
Bismuth	209-2				102		%
Boron	10-1	8.46	8.41	7.95	8.27	3.38	ppb
Boron	11-1	8.49	8.22	8.04	8.25	2.74	ppb
Cadmium	111-1	0.20	0.18	0.18	0.19	7.04	ppb
Cadmium	106-1	-0.57	-0.58	-2.45	-1.20		ppb
Cadmium	108-1	0.85	0.52	0.83	0.73	24.94	ppb
Calcium	43-1	4971.50	4942.68	4979.04	4964.41	0.39	ppb
Calcium	44-1	4821.06	4887.33	4848.21	4852.20	0.69	ppb
Chromium	52-2	274.63	271.32	270.38	272.11	0.82	ppb
Cobalt	59-2	9.35	9.20	9.10	9.22	1.40	ppb
Copper	63-2	138.73	138.93	139.87	139.18	0.44	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				115		%
Holmium	165-2				103		%
Indium	115-1				102		%
Indium	115-2				99		%
Iron	56-2	24118.41	23836.70	23785.64	23913.58	0.75	ppb
Iron	57-2	22125.79	22087.10	21980.59	22064.49	0.34	ppb
Krypton	83-1						cps
Lead	206-1	33.76	34.48	33.63	33.96	1.34	ppb
Lead	207-1	29.90	31.56	29.09	30.18	4.17	ppb
Lead	208-1	32.13	32.59	31.98	32.23	0.99	ppb
Lithium	6-1				104		%
Magnesium	24-2	7101.39	7034.38	6973.13	7036.30	0.91	ppb

LB Number :	LB104231	Operator :	Jaswal
Lab Sample ID :	K3766-20	Instrumnet Name :	P7
Client Sample ID :	MA52H3	Dilution Factor :	1
Date & Time Acquired ::	2019-07-24 15:00:00	DataFile Name :	046SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	253.31	251.76	250.60	251.89	0.54	ppb
Molybdenum	94-1	1.10	1.09	1.22	1.14	6.35	ppb
Molybdenum	95-1	0.62	0.59	0.56	0.59	4.80	ppb
Molybdenum	96-1	0.87	0.87	0.91	0.88	2.34	ppb
Molybdenum	97-1	0.61	0.68	0.72	0.67	8.59	ppb
Molybdenum	98-1	0.75	0.74	0.58	0.69	13.63	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	37.19	37.65	38.47	37.77	1.71	ppb
Phosphorus	31-2	407.59	369.53	411.84	396.32	5.88	ppb
Potassium	39-2	3647.20	3686.90	3611.22	3648.44	1.04	ppb
Rhodium	103-1				99		%
Rhodium	103-2				99		%
Scandium	45-1				102		%
Scandium	45-2				106		%
Selenium	77-2	16.08	27.07	18.31	20.49	28.36	ppb
Selenium	78-2	4.57	8.55	4.53	5.88	39.25	ppb
Selenium	82-1	0.40	1.54	-1.11	0.28	483.66	ppb
Silicon	28-1	522.06	546.97	557.26	542.10	3.34	ppb
Silver	109-1	0.22	0.23	0.16	0.20	16.72	ppb
Silver	107-1	0.21	0.18	0.15	0.18	16.09	ppb
Sodium	23-2	527.80	518.79	520.07	522.22	0.93	ppb
Strontium	86-1	34.78	34.21	36.11	35.03	2.78	ppb
Strontium	88-1	35.49	34.95	34.66	35.03	1.20	ppb
Sulfur	34-1	-1526.79	-1775.70	-2087.10	-1796.53		ppb
Terbium	159-1				113		%
Terbium	159-2				103		%
Thallium	203-1	0.55	0.46	0.48	0.50	9.58	ppb
Thallium	205-1	0.46	0.56	0.52	0.51	10.26	ppb
Thorium	232-1	1.09	0.97	1.14	1.07	8.06	ppb
Tin	118-1	3.65	3.70	3.87	3.74	3.11	ppb
Titanium	47-1	628.41	638.65	629.59	632.22	0.89	ppb
Uranium	238-1	5.78	5.75	5.69	5.74	0.87	ppb
Vanadium	51-2	43.57	43.12	43.80	43.50	0.80	ppb
Yttrium	89-1				116		%
Yttrium	89-2				107		%

LB Number :	LB104231	Operator :	Jaswal
Lab Sample ID :	K3766-20	Instrumnet Name :	P7
Client Sample ID :	MA52H3	Dilution Factor :	1
Date & Time Acquired ::	2019-07-24 15:00:00	DataFile Name :	046SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zinc	66-2	63.93	69.21	69.68	67.61	4.73	ppb
Zirconium	90-1	0.53	0.52	0.49	0.51	3.87	ppb
Zirconium	91-1	0.46	0.37	0.48	0.44	13.27	ppb

LB Number :	LB104231	Operator :	Jaswal
Lab Sample ID :	K3766-21	Instrumnet Name :	P7
Client Sample ID :	MA52H4	Dilution Factor :	1
Date & Time Acquired ::	2019-07-24 15:03:36	DataFile Name :	047SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	14278.96	14599.76	14788.77	14555.83	1.77	ppb
Antimony	121-1	0.11	0.11	0.18	0.13	32.35	ppb
Arsenic	75-2	3.80	3.48	4.16	3.81	8.97	ppb
Barium	135-1	47.24	48.69	44.41	46.78	4.65	ppb
Barium	137-1	47.00	45.59	45.67	46.09	1.72	ppb
Beryllium	9-1	0.89	1.05	0.99	0.98	8.22	ppb
Bismuth	209-1				110		%
Bismuth	209-2				103		%
Boron	10-1	3.26	4.99	4.59	4.28	21.11	ppb
Boron	11-1	3.79	4.31	3.99	4.03	6.46	ppb
Cadmium	111-1	0.06	0.03	0.04	0.04	40.43	ppb
Cadmium	106-1	-0.21	-3.15	-3.10	-2.16		ppb
Cadmium	108-1	-0.12	-0.12	0.03	-0.07		ppb
Calcium	43-1	1503.87	1512.97	1517.61	1511.48	0.46	ppb
Calcium	44-1	1473.63	1491.41	1461.68	1475.57	1.01	ppb
Chromium	52-2	24.48	25.30	25.32	25.03	1.93	ppb
Cobalt	59-2	3.32	3.11	3.36	3.26	4.08	ppb
Copper	63-2	4.22	4.46	4.45	4.38	3.06	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				116		%
Holmium	165-2				103		%
Indium	115-1				104		%
Indium	115-2				99		%
Iron	56-2	10463.48	10732.48	10800.42	10665.46	1.67	ppb
Iron	57-2	9569.86	9799.85	10020.96	9796.89	2.30	ppb
Krypton	83-1						cps
Lead	206-1	22.32	22.48	22.35	22.38	0.39	ppb
Lead	207-1	20.64	19.90	20.14	20.23	1.87	ppb
Lead	208-1	21.73	21.49	21.46	21.56	0.71	ppb
Lithium	6-1				105		%
Magnesium	24-2	2997.32	3076.38	3076.75	3050.15	1.50	ppb

LB Number :	LB104231	Operator :	Jaswal
Lab Sample ID :	K3766-21	Instrumnet Name :	P7
Client Sample ID :	MA52H4	Dilution Factor :	1
Date & Time Acquired ::	2019-07-24 15:03:36	DataFile Name :	047SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	61.91	62.21	64.13	62.75	1.92	ppb
Molybdenum	94-1	0.49	0.42	0.41	0.44	10.75	ppb
Molybdenum	95-1	0.22	0.33	0.25	0.27	21.60	ppb
Molybdenum	96-1	0.35	0.36	0.40	0.37	7.89	ppb
Molybdenum	97-1	0.28	0.31	0.28	0.29	6.01	ppb
Molybdenum	98-1	0.29	0.42	0.31	0.34	19.77	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	13.73	14.27	13.81	13.94	2.11	ppb
Phosphorus	31-2	222.10	205.35	159.50	195.65	16.56	ppb
Potassium	39-2	723.00	721.35	756.08	733.48	2.67	ppb
Rhodium	103-1				103		%
Rhodium	103-2				100		%
Scandium	45-1				104		%
Scandium	45-2				105		%
Selenium	77-2	4.65	6.98	11.85	7.83	46.95	ppb
Selenium	78-2	-0.37	6.24	3.27	3.05	108.71	ppb
Selenium	82-1	-0.16	0.98	0.46	0.43	134.09	ppb
Silicon	28-1	426.80	432.26	421.78	426.95	1.23	ppb
Silver	109-1	0.14	0.13	0.14	0.13	3.72	ppb
Silver	107-1	0.17	0.13	0.15	0.15	14.10	ppb
Sodium	23-2	191.07	200.40	200.30	197.26	2.72	ppb
Strontium	86-1	11.89	11.72	11.68	11.76	0.94	ppb
Strontium	88-1	12.28	12.11	12.23	12.20	0.71	ppb
Sulfur	34-1	-3373.68	-3409.48	-3579.83	-3454.33		ppb
Terbium	159-1				115		%
Terbium	159-2				103		%
Thallium	203-1	0.22	0.10	0.15	0.16	39.32	ppb
Thallium	205-1	0.22	0.18	0.20	0.20	10.02	ppb
Thorium	232-1	0.36	0.39	0.41	0.39	6.50	ppb
Tin	118-1	1.23	1.06	0.94	1.08	13.79	ppb
Titanium	47-1	243.35	244.28	238.73	242.12	1.23	ppb
Uranium	238-1	4.34	4.34	4.17	4.28	2.23	ppb
Vanadium	51-2	16.28	16.94	16.70	16.64	2.00	ppb
Yttrium	89-1				116		%
Yttrium	89-2				105		%

LB Number :	LB104231	Operator :	Jaswal
Lab Sample ID :	K3766-21	Instrumnet Name :	P7
Client Sample ID :	MA52H4	Dilution Factor :	1
Date & Time Acquired ::	2019-07-24 15:03:36	DataFile Name :	047SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zinc	66-2	22.33	23.31	21.83	22.49	3.35	ppb
Zirconium	90-1	0.12	0.11	0.14	0.12	12.53	ppb
Zirconium	91-1	0.09	0.14	0.10	0.11	23.96	ppb

LB Number :	LB104231	Operator :	Jaswal
Lab Sample ID :	K3763-01	Instrumnet Name :	P7
Client Sample ID :	MBFLM1	Dilution Factor :	1
Date & Time Acquired ::	2019-07-24 15:07:13	DataFile Name :	048SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	171.11	173.44	163.84	169.46	2.96	ppb
Antimony	121-1	0.07	0.08	0.05	0.06	26.84	ppb
Arsenic	75-2	0.38	0.26	0.35	0.33	18.14	ppb
Barium	135-1	109.90	114.59	113.17	112.56	2.14	ppb
Barium	137-1	105.85	115.48	113.49	111.61	4.55	ppb
Beryllium	9-1	0.02	0.03	0.03	0.02	30.68	ppb
Bismuth	209-1				142		%
Bismuth	209-2				121		%
Boron	10-1	232.75	252.72	270.45	251.97	7.49	ppb
Boron	11-1	242.60	270.78	277.10	263.49	6.97	ppb
Cadmium	111-1	0.24	0.37	0.33	0.31	21.08	ppb
Cadmium	106-1	-3.12	-1.30	-1.84	-2.09		ppb
Cadmium	108-1	0.36	0.27	0.28	0.30	16.03	ppb
Calcium	43-1	19578.32	20382.96	20034.26	19998.51	2.02	ppb
Calcium	44-1	20396.91	21864.18	21660.67	21307.25	3.73	ppb
Chromium	52-2	1.33	1.43	1.57	1.44	8.21	ppb
Cobalt	59-2	2.29	1.92	2.25	2.15	9.43	ppb
Copper	63-2	25.34	26.34	27.36	26.35	3.83	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				143		%
Holmium	165-2				122		%
Indium	115-1				137		%
Indium	115-2				118		%
Iron	56-2	400.49	405.07	425.40	410.32	3.23	ppb
Iron	57-2	494.60	512.92	490.19	499.24	2.41	ppb
Krypton	83-1						cps
Lead	206-1	1.01	1.05	1.08	1.05	3.74	ppb
Lead	207-1	0.94	0.81	0.75	0.83	11.40	ppb
Lead	208-1	0.97	0.99	0.95	0.97	1.91	ppb
Lithium	6-1				124		%
Magnesium	24-2	12249.80	12304.81	13030.95	12528.52	3.48	ppb

LB Number :	LB104231	Operator :	Jaswal
Lab Sample ID :	K3763-01	Instrumnet Name :	P7
Client Sample ID :	MBFLM1	Dilution Factor :	1
Date & Time Acquired ::	2019-07-24 15:07:13	DataFile Name :	048SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	971.62	974.90	1035.63	994.05	3.63	ppb
Molybdenum	94-1	0.36	0.23	0.36	0.31	23.98	ppb
Molybdenum	95-1	0.38	0.32	0.28	0.33	15.06	ppb
Molybdenum	96-1	0.28	0.28	0.31	0.29	5.21	ppb
Molybdenum	97-1	0.22	0.35	0.33	0.30	24.99	ppb
Molybdenum	98-1	0.24	0.26	0.35	0.28	20.49	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	11.01	11.07	11.52	11.20	2.49	ppb
Phosphorus	31-2	24.28	44.24	38.66	35.73	28.81	ppb
Potassium	39-2	2824.12	2801.01	3002.97	2876.03	3.84	ppb
Rhodium	103-1				135		%
Rhodium	103-2				117		%
Scandium	45-1				137		%
Scandium	45-2				124		%
Selenium	77-2	2.03	3.97	4.23	3.41	35.29	ppb
Selenium	78-2	-2.95	-2.32	-2.88	-2.71		ppb
Selenium	82-1	-0.17	-1.66	-0.45	-0.76		ppb
Silicon	28-1	9756.82	10416.13	10444.70	10205.89	3.81	ppb
Silver	109-1	0.10	0.08	0.15	0.11	30.89	ppb
Silver	107-1	0.09	0.06	0.14	0.10	42.50	ppb
Sodium	23-2	26310.87	26217.05	27756.21	26761.37	3.22	ppb
Strontium	86-1	198.27	211.61	211.09	206.99	3.65	ppb
Strontium	88-1	214.70	230.11	233.46	226.09	4.42	ppb
Sulfur	34-1	7216.83	7934.89	8091.16	7747.63	6.02	ppb
Terbium	159-1				142		%
Terbium	159-2				121		%
Thallium	203-1	-0.01	0.01	-0.01	0.00		ppb
Thallium	205-1	0.04	0.06	0.05	0.05	18.42	ppb
Thorium	232-1	0.05	0.04	0.06	0.05	13.20	ppb
Tin	118-1	0.04	0.20	0.10	0.12	69.35	ppb
Titanium	47-1	4.81	5.06	5.49	5.12	6.72	ppb
Uranium	238-1	0.04	0.05	0.05	0.05	10.17	ppb
Vanadium	51-2	0.58	0.63	0.68	0.63	8.00	ppb
Yttrium	89-1				139		%
Yttrium	89-2				120		%

LB Number :	LB104231	Operator :	Jaswal
Lab Sample ID :	K3763-01	Instrumnet Name :	P7
Client Sample ID :	MBFLM1	Dilution Factor :	1
Date & Time Acquired ::	2019-07-24 15:07:13	DataFile Name :	048SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zinc	66-2	28.27	26.82	28.44	27.84	3.18	ppb
Zirconium	90-1	0.07	0.08	0.17	0.11	50.99	ppb
Zirconium	91-1	0.01	0.11	0.04	0.06	94.86	ppb

LB Number :	LB104231	Operator :	Jaswal
Lab Sample ID :	K3763-02	Instrumnet Name :	P7
Client Sample ID :	MBFLM2	Dilution Factor :	1
Date & Time Acquired ::	2019-07-24 15:10:50	DataFile Name :	049SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	55.22	64.44	61.40	60.36	7.78	ppb
Antimony	121-1	0.10	0.10	0.09	0.10	5.74	ppb
Arsenic	75-2	1.05	0.73	0.78	0.86	19.68	ppb
Barium	135-1	121.16	120.52	119.36	120.35	0.76	ppb
Barium	137-1	120.04	118.64	119.69	119.46	0.61	ppb
Beryllium	9-1	0.43	0.30	0.35	0.36	17.74	ppb
Bismuth	209-1				125		%
Bismuth	209-2				114		%
Boron	10-1	19.94	21.67	19.90	20.50	4.94	ppb
Boron	11-1	23.08	22.48	21.06	22.21	4.68	ppb
Cadmium	111-1	0.05	-0.05	-0.05	-0.02		ppb
Cadmium	106-1	-1.03	-5.01	-3.74	-3.26		ppb
Cadmium	108-1	0.02	0.02	-0.12	-0.03		ppb
Calcium	43-1	10505.52	10642.50	10702.36	10616.79	0.95	ppb
Calcium	44-1	10340.52	10325.95	10254.82	10307.09	0.44	ppb
Chromium	52-2	106.04	108.35	108.04	107.48	1.16	ppb
Cobalt	59-2	2.52	2.59	2.51	2.54	1.69	ppb
Copper	63-2	5.58	5.61	5.70	5.63	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				131		%
Holmium	165-2				113		%
Indium	115-1				127		%
Indium	115-2				110		%
Iron	56-2	1308.55	1326.93	1321.06	1318.85	0.71	ppb
Iron	57-2	1376.71	1286.69	1350.23	1337.87	3.46	ppb
Krypton	83-1						cps
Lead	206-1	1.15	1.15	1.16	1.15	0.30	ppb
Lead	207-1	1.20	1.13	0.96	1.09	11.20	ppb
Lead	208-1	1.15	1.18	1.12	1.15	2.46	ppb
Lithium	6-1				114		%
Magnesium	24-2	5126.90	5141.06	5158.01	5141.99	0.30	ppb

LB Number :	LB104231	Operator :	Jaswal
Lab Sample ID :	K3763-02	Instrumnet Name :	P7
Client Sample ID :	MBFLM2	Dilution Factor :	1
Date & Time Acquired ::	2019-07-24 15:10:50	DataFile Name :	049SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	152.10	157.42	157.41	155.64	1.97	ppb
Molybdenum	94-1	1.33	1.17	1.06	1.18	11.44	ppb
Molybdenum	95-1	1.57	1.62	1.44	1.55	6.07	ppb
Molybdenum	96-1	1.47	1.54	1.35	1.45	6.58	ppb
Molybdenum	97-1	1.49	1.60	1.51	1.54	3.81	ppb
Molybdenum	98-1	1.54	1.48	1.59	1.53	3.45	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	19.60	19.98	21.81	20.46	5.78	ppb
Phosphorus	31-2	-56.19	-21.20	-44.06	-40.48		ppb
Potassium	39-2	3947.44	3962.49	3991.98	3967.30	0.57	ppb
Rhodium	103-1				126		%
Rhodium	103-2				110		%
Scandium	45-1				116		%
Scandium	45-2				114		%
Selenium	77-2	13.05	17.17	8.72	12.98	32.55	ppb
Selenium	78-2	-1.01	-0.34	-1.00	-0.78		ppb
Selenium	82-1	-0.23	-0.44	0.10	-0.19		ppb
Silicon	28-1	11565.97	11850.20	11798.00	11738.06	1.29	ppb
Silver	109-1	0.03	0.05	0.04	0.04	20.07	ppb
Silver	107-1	0.08	0.07	0.06	0.07	17.85	ppb
Sodium	23-2	12730.80	12707.82	12800.53	12746.39	0.38	ppb
Strontium	86-1	122.35	119.87	118.11	120.11	1.77	ppb
Strontium	88-1	123.10	120.78	120.29	121.39	1.24	ppb
Sulfur	34-1	-2047.21	-1920.75	-2012.42	-1993.46		ppb
Terbium	159-1				130		%
Terbium	159-2				112		%
Thallium	203-1	0.00	-0.01	0.01	0.00	618.78	ppb
Thallium	205-1	0.02	0.01	0.01	0.01	56.68	ppb
Thorium	232-1	0.21	0.20	0.19	0.20	4.76	ppb
Tin	118-1	0.11	0.09	0.08	0.10	14.56	ppb
Titanium	47-1	1.66	1.71	1.62	1.66	2.99	ppb
Uranium	238-1	0.18	0.18	0.17	0.18	4.41	ppb
Vanadium	51-2	0.41	0.43	0.40	0.41	4.04	ppb
Yttrium	89-1				128		%
Yttrium	89-2				113		%

LB Number :	LB104231	Operator :	Jaswal
Lab Sample ID :	K3763-02	Instrumnet Name :	P7
Client Sample ID :	MBFLM2	Dilution Factor :	1
Date & Time Acquired ::	2019-07-24 15:10:50	DataFile Name :	049SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zinc	66-2	16.02	16.85	16.64	16.50	2.58	ppb
Zirconium	90-1	0.07	0.07	0.03	0.06	34.86	ppb
Zirconium	91-1	0.01	0.01	-0.03	0.00		ppb

LB Number :	LB104231	Operator :	Jaswal
Lab Sample ID :	K3763-03	Instrumnet Name :	P7
Client Sample ID :	MBFLM3	Dilution Factor :	1
Date & Time Acquired ::	2019-07-24 15:14:27	DataFile Name :	050SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	4.31	2.80	3.97	3.69	21.50	ppb
Antimony	121-1	0.02	0.05	0.03	0.03	30.31	ppb
Arsenic	75-2	-0.01	0.07	0.03	0.03	154.81	ppb
Barium	135-1	0.17	0.30	0.19	0.22	30.65	ppb
Barium	137-1	0.15	0.23	0.17	0.18	21.40	ppb
Beryllium	9-1	-0.01	-0.04	-0.01	-0.02		ppb
Bismuth	209-1				122		%
Bismuth	209-2				108		%
Boron	10-1	6.55	5.98	5.89	6.14	5.76	ppb
Boron	11-1	6.71	7.49	6.93	7.05	5.70	ppb
Cadmium	111-1	-0.08	-0.07	-0.08	-0.08		ppb
Cadmium	106-1	-3.35	-2.78	-4.22	-3.45		ppb
Cadmium	108-1	0.02	0.02	0.03	0.03	29.00	ppb
Calcium	43-1	57.70	48.87	83.46	63.34	28.37	ppb
Calcium	44-1	50.26	53.89	58.63	54.26	7.73	ppb
Chromium	52-2	0.02	0.01	0.07	0.03	86.09	ppb
Cobalt	59-2	-0.01	-0.01	0.01	-0.01		ppb
Copper	63-2	0.38	0.55	0.56	0.50	20.55	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				126		%
Holmium	165-2				106		%
Indium	115-1				122		%
Indium	115-2				105		%
Iron	56-2	2.12	1.85	1.93	1.97	7.04	ppb
Iron	57-2	4.83	1.44	1.52	2.60	74.47	ppb
Krypton	83-1						cps
Lead	206-1	0.11	0.08	0.14	0.11	27.56	ppb
Lead	207-1	0.08	0.10	0.06	0.08	28.20	ppb
Lead	208-1	0.09	0.13	0.12	0.12	16.77	ppb
Lithium	6-1				110		%
Magnesium	24-2	10.86	6.14	10.14	9.05	28.08	ppb

LB Number :	LB104231	Operator :	Jaswal
Lab Sample ID :	K3763-03	Instrumnet Name :	P7
Client Sample ID :	MBFLM3	Dilution Factor :	1
Date & Time Acquired ::	2019-07-24 15:14:27	DataFile Name :	050SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	0.02	0.08	0.09	0.07	57.99	ppb
Molybdenum	94-1	0.01	-0.01	-0.03	-0.01		ppb
Molybdenum	95-1	0.00	-0.01	0.00	0.00	1481.03	ppb
Molybdenum	96-1	0.03	0.00	0.04	0.02	83.19	ppb
Molybdenum	97-1	0.00	0.01	0.00	0.00	533.26	ppb
Molybdenum	98-1	0.04	0.01	0.01	0.02	77.46	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.11	0.03	0.02	0.05	95.98	ppb
Phosphorus	31-2	-11.84	-37.37	-17.90	-22.37		ppb
Potassium	39-2	17.90	12.41	16.03	15.44	18.07	ppb
Rhodium	103-1				121		%
Rhodium	103-2				105		%
Scandium	45-1				113		%
Scandium	45-2				108		%
Selenium	77-2	0.00	0.00	0.00	0.00	N/A	ppb
Selenium	78-2	-2.30	-3.11	-3.10	-2.84		ppb
Selenium	82-1	-0.95	-0.39	-0.20	-0.52		ppb
Silicon	28-1	-5.86	-1.88	-0.04	-2.59		ppb
Silver	109-1	0.02	0.05	0.03	0.03	42.02	ppb
Silver	107-1	0.04	0.07	0.03	0.04	47.83	ppb
Sodium	23-2	329.05	328.64	328.87	328.85	0.06	ppb
Strontium	86-1	0.04	0.08	0.10	0.07	36.39	ppb
Strontium	88-1	0.10	0.12	0.12	0.11	5.76	ppb
Sulfur	34-1	-5410.39	-4878.19	-4609.49	-4966.02		ppb
Terbium	159-1				124		%
Terbium	159-2				106		%
Thallium	203-1	-0.03	-0.02	-0.02	-0.02		ppb
Thallium	205-1	-0.01	-0.02	0.00	-0.01		ppb
Thorium	232-1	0.00	0.00	0.00	0.00	183.77	ppb
Tin	118-1	0.44	0.42	0.46	0.44	5.29	ppb
Titanium	47-1	0.06	0.05	0.03	0.05	27.29	ppb
Uranium	238-1	0.00	0.00	0.00	0.00		ppb
Vanadium	51-2	0.24	0.28	0.18	0.24	20.57	ppb
Yttrium	89-1				122		%
Yttrium	89-2				106		%

LB Number :	LB104231	Operator :	Jaswal
Lab Sample ID :	K3763-03	Instrumnet Name :	P7
Client Sample ID :	MBFLM3	Dilution Factor :	1
Date & Time Acquired ::	2019-07-24 15:14:27	DataFile Name :	050SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zinc	66-2	6.69	7.11	5.63	6.48	11.81	ppb
Zirconium	90-1	-0.02	-0.02	-0.02	-0.02		ppb
Zirconium	91-1	-0.04	-0.03	-0.04	-0.04		ppb

LB Number :	LB104231	Operator :	Jaswal
Lab Sample ID :	K3763-04	Instrumnet Name :	P7
Client Sample ID :	MBFLM5	Dilution Factor :	1
Date & Time Acquired ::	2019-07-24 15:18:03	DataFile Name :	051SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	10.56	8.81	9.09	9.49	9.87	ppb
Antimony	121-1	0.10	0.15	0.18	0.14	27.55	ppb
Arsenic	75-2	1.39	1.75	1.91	1.68	15.97	ppb
Barium	135-1	198.41	192.79	191.94	194.38	1.81	ppb
Barium	137-1	198.14	193.99	191.95	194.69	1.62	ppb
Beryllium	9-1	-0.01	-0.01	-0.01	-0.01		ppb
Bismuth	209-1				120		%
Bismuth	209-2				110		%
Boron	10-1	48.36	45.31	50.70	48.13	5.62	ppb
Boron	11-1	48.11	51.36	52.13	50.53	4.23	ppb
Cadmium	111-1	-0.10	-0.03	-0.15	-0.09		ppb
Cadmium	106-1	-3.53	-1.47	-5.80	-3.60		ppb
Cadmium	108-1	0.16	-0.12	0.17	0.07	237.97	ppb
Calcium	43-1	22443.37	22375.89	22226.35	22348.54	0.50	ppb
Calcium	44-1	23341.94	23536.93	23721.20	23533.36	0.81	ppb
Chromium	52-2	1.61	1.53	1.33	1.49	9.67	ppb
Cobalt	59-2	0.03	0.02	0.04	0.03	21.10	ppb
Copper	63-2	2.60	2.59	2.42	2.53	4.05	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				127		%
Holmium	165-2				109		%
Indium	115-1				123		%
Indium	115-2				106		%
Iron	56-2	140.75	144.24	141.18	142.06	1.34	ppb
Iron	57-2	235.73	218.53	237.30	230.52	4.52	ppb
Krypton	83-1						cps
Lead	206-1	0.22	0.22	0.21	0.22	4.35	ppb
Lead	207-1	0.21	0.28	0.22	0.24	15.32	ppb
Lead	208-1	0.22	0.24	0.22	0.23	3.57	ppb
Lithium	6-1				110		%
Magnesium	24-2	7661.53	7680.60	7562.42	7634.85	0.83	ppb

LB Number :	LB104231	Operator :	Jaswal
Lab Sample ID :	K3763-04	Instrumnet Name :	P7
Client Sample ID :	MBFLM5	Dilution Factor :	1
Date & Time Acquired ::	2019-07-24 15:18:03	DataFile Name :	051SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	19.04	18.81	18.39	18.75	1.75	ppb
Molybdenum	94-1	0.77	0.60	0.59	0.65	15.84	ppb
Molybdenum	95-1	0.75	0.71	0.70	0.72	3.49	ppb
Molybdenum	96-1	0.69	0.68	0.81	0.73	10.01	ppb
Molybdenum	97-1	1.08	0.71	0.72	0.84	25.10	ppb
Molybdenum	98-1	0.79	0.74	0.79	0.78	3.85	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	1.23	1.11	1.45	1.26	13.86	ppb
Phosphorus	31-2	-19.24	-37.52	-7.28	-21.35		ppb
Potassium	39-2	3009.51	3018.90	3021.01	3016.47	0.20	ppb
Rhodium	103-1				121		%
Rhodium	103-2				105		%
Scandium	45-1				110		%
Scandium	45-2				110		%
Selenium	77-2	0.00	2.24	0.00	0.75	173.21	ppb
Selenium	78-2	-2.34	-1.64	-2.76	-2.25		ppb
Selenium	82-1	-0.08	-0.66	-0.10	-0.28		ppb
Silicon	28-1	14119.47	14305.85	14414.90	14280.07	1.05	ppb
Silver	109-1	0.06	0.04	0.07	0.06	27.48	ppb
Silver	107-1	0.06	0.03	0.06	0.05	32.55	ppb
Sodium	23-2	28453.03	28354.56	28136.29	28314.63	0.57	ppb
Strontium	86-1	264.16	258.98	255.00	259.38	1.77	ppb
Strontium	88-1	283.49	284.02	283.36	283.62	0.12	ppb
Sulfur	34-1	-2688.53	-2550.86	-2535.09	-2591.49		ppb
Terbium	159-1				126		%
Terbium	159-2				108		%
Thallium	203-1	0.00	-0.04	-0.02	-0.02		ppb
Thallium	205-1	-0.01	-0.02	-0.02	-0.02		ppb
Thorium	232-1	0.00	0.00	0.00	0.00	15.18	ppb
Tin	118-1	0.06	0.04	0.03	0.04	37.12	ppb
Titanium	47-1	0.74	1.04	0.77	0.85	19.07	ppb
Uranium	238-1	0.07	0.06	0.06	0.06	9.92	ppb
Vanadium	51-2	0.62	0.60	0.57	0.60	4.11	ppb
Yttrium	89-1				123		%
Yttrium	89-2				108		%

LB Number :	LB104231	Operator :	Jaswal
Lab Sample ID :	K3763-04	Instrumnet Name :	P7
Client Sample ID :	MBFLM5	Dilution Factor :	1
Date & Time Acquired ::	2019-07-24 15:18:03	DataFile Name :	051SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zinc	66-2	3.30	3.98	3.85	3.71	9.79	ppb
Zirconium	90-1	0.00	0.01	-0.01	0.00	829.27	ppb
Zirconium	91-1	0.02	-0.04	-0.02	-0.01		ppb

LB Number :	LB104231	Operator :	Jaswal
Lab Sample ID :	K3763-05	Instrumnet Name :	P7
Client Sample ID :	MBFLM6	Dilution Factor :	1
Date & Time Acquired ::	2019-07-24 15:21:39	DataFile Name :	052SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	48.37	52.48	44.67	48.51	8.05	ppb
Antimony	121-1	0.13	0.11	0.14	0.13	10.76	ppb
Arsenic	75-2	0.47	0.47	0.39	0.45	11.00	ppb
Barium	135-1	33.36	31.26	32.30	32.31	3.26	ppb
Barium	137-1	32.88	33.81	32.94	33.21	1.57	ppb
Beryllium	9-1	0.02	-0.03	0.00	0.00		ppb
Bismuth	209-1				116		%
Bismuth	209-2				107		%
Boron	10-1	277.53	288.72	292.16	286.14	2.67	ppb
Boron	11-1	291.81	295.15	297.94	294.97	1.04	ppb
Cadmium	111-1	0.23	0.34	0.23	0.27	25.01	ppb
Cadmium	106-1	-4.14	-3.84	-3.62	-3.87		ppb
Cadmium	108-1	0.32	0.47	0.17	0.32	46.17	ppb
Calcium	43-1	8259.21	8252.60	8104.80	8205.53	1.06	ppb
Calcium	44-1	8042.19	8007.75	7973.48	8007.81	0.43	ppb
Chromium	52-2	29.32	29.63	29.50	29.48	0.54	ppb
Cobalt	59-2	3.42	3.06	3.13	3.20	5.96	ppb
Copper	63-2	2.89	2.68	2.91	2.83	4.55	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				125		%
Holmium	165-2				108		%
Indium	115-1				120		%
Indium	115-2				103		%
Iron	56-2	2150.47	2128.35	2137.05	2138.62	0.52	ppb
Iron	57-2	2109.79	2088.91	2106.11	2101.60	0.53	ppb
Krypton	83-1						cps
Lead	206-1	0.82	0.70	0.93	0.82	14.05	ppb
Lead	207-1	0.73	0.65	0.90	0.76	17.17	ppb
Lead	208-1	0.81	0.74	0.84	0.80	6.29	ppb
Lithium	6-1				108		%
Magnesium	24-2	3114.89	3072.52	3120.25	3102.55	0.84	ppb

LB Number :	LB104231	Operator :	Jaswal
Lab Sample ID :	K3763-05	Instrumnet Name :	P7
Client Sample ID :	MBFLM6	Dilution Factor :	1
Date & Time Acquired ::	2019-07-24 15:21:39	DataFile Name :	052SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	109.78	109.85	109.45	109.69	0.19	ppb
Molybdenum	94-1	1.95	1.55	1.64	1.71	12.51	ppb
Molybdenum	95-1	2.43	2.61	2.38	2.47	4.97	ppb
Molybdenum	96-1	2.00	2.23	2.47	2.23	10.51	ppb
Molybdenum	97-1	2.60	2.53	2.27	2.47	6.98	ppb
Molybdenum	98-1	2.37	2.16	2.35	2.29	5.18	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	58.57	56.12	61.07	58.59	4.22	ppb
Phosphorus	31-2	44.81	-18.84	-6.44	6.51	518.36	ppb
Potassium	39-2	2161.08	2115.98	2160.93	2146.00	1.21	ppb
Rhodium	103-1				110		%
Rhodium	103-2				103		%
Scandium	45-1				110		%
Scandium	45-2				108		%
Selenium	77-2	0.00	0.00	0.00	0.00	N/A	ppb
Selenium	78-2	-2.31	0.03	-2.71	-1.66		ppb
Selenium	82-1	-0.89	-0.70	-0.52	-0.70		ppb
Silicon	28-1	9246.62	9304.22	9366.85	9305.90	0.65	ppb
Silver	109-1	0.03	0.06	0.02	0.04	63.13	ppb
Silver	107-1	0.07	0.04	0.05	0.05	29.79	ppb
Sodium	23-2	102590.25	101028.64	101218.92	101612.60	0.84	ppb
Strontium	86-1	98.65	96.10	97.20	97.32	1.31	ppb
Strontium	88-1	99.20	98.03	97.76	98.33	0.78	ppb
Sulfur	34-1	19874.47	20299.14	20492.32	20221.98	1.56	ppb
Terbium	159-1				124		%
Terbium	159-2				108		%
Thallium	203-1	-0.03	-0.03	-0.03	-0.03		ppb
Thallium	205-1	-0.01	-0.02	-0.01	-0.02		ppb
Thorium	232-1	0.01	0.03	0.01	0.02	41.80	ppb
Tin	118-1	0.05	0.08	0.12	0.09	41.18	ppb
Titanium	47-1	2.92	2.58	2.49	2.66	8.47	ppb
Uranium	238-1	0.04	0.04	0.03	0.04	22.36	ppb
Vanadium	51-2	0.35	0.26	0.27	0.29	15.86	ppb
Yttrium	89-1				120		%
Yttrium	89-2				106		%

LB Number :	LB104231	Operator :	Jaswal
Lab Sample ID :	K3763-05	Instrumnet Name :	P7
Client Sample ID :	MBFLM6	Dilution Factor :	1
Date & Time Acquired ::	2019-07-24 15:21:39	DataFile Name :	052SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zinc	66-2	12.52	12.96	12.12	12.53	3.35	ppb
Zirconium	90-1	0.03	0.03	0.07	0.04	58.70	ppb
Zirconium	91-1	0.03	-0.02	-0.04	-0.01		ppb

LB Number :	LB104231	Operator :	Jaswal
Lab Sample ID :	K3763-06	Instrumnet Name :	P7
Client Sample ID :	MBFLM7	Dilution Factor :	1
Date & Time Acquired ::	2019-07-24 15:25:15	DataFile Name :	053SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	165.54	197.90	183.97	182.47	8.89	ppb
Antimony	121-1	0.14	0.12	0.09	0.12	18.48	ppb
Arsenic	75-2	7.24	7.71	8.57	7.84	8.60	ppb
Barium	135-1	256.69	250.02	253.02	253.24	1.32	ppb
Barium	137-1	253.52	246.72	250.26	250.16	1.36	ppb
Beryllium	9-1	0.11	0.12	0.15	0.13	15.12	ppb
Bismuth	209-1				117		%
Bismuth	209-2				105		%
Boron	10-1	110.44	105.82	109.83	108.70	2.31	ppb
Boron	11-1	113.28	115.19	114.02	114.16	0.85	ppb
Cadmium	111-1	-0.07	-0.02	0.05	-0.01		ppb
Cadmium	106-1	-4.01	-2.10	-1.53	-2.55		ppb
Cadmium	108-1	-0.12	0.17	-0.12	-0.02		ppb
Calcium	43-1	41002.56	40989.14	40502.67	40831.46	0.70	ppb
Calcium	44-1	42709.31	43238.25	43400.80	43116.12	0.84	ppb
Chromium	52-2	1.86	1.80	1.76	1.81	2.64	ppb
Cobalt	59-2	0.37	0.36	0.33	0.35	6.21	ppb
Copper	63-2	1.62	1.77	1.64	1.68	4.69	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				126		%
Holmium	165-2				106		%
Indium	115-1				119		%
Indium	115-2				101		%
Iron	56-2	4587.73	4630.49	4646.35	4621.52	0.66	ppb
Iron	57-2	4326.34	4454.70	4393.52	4391.52	1.46	ppb
Krypton	83-1						cps
Lead	206-1	0.86	0.86	0.70	0.80	11.31	ppb
Lead	207-1	0.70	0.76	0.96	0.81	17.18	ppb
Lead	208-1	0.81	0.85	0.79	0.82	3.58	ppb
Lithium	6-1				109		%
Magnesium	24-2	18379.41	18344.44	18310.79	18344.88	0.19	ppb

LB Number :	LB104231	Operator :	Jaswal
Lab Sample ID :	K3763-06	Instrumnet Name :	P7
Client Sample ID :	MBFLM7	Dilution Factor :	1
Date & Time Acquired ::	2019-07-24 15:25:15	DataFile Name :	053SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	839.85	847.66	855.67	847.73	0.93	ppb
Molybdenum	94-1	0.33	0.40	0.27	0.33	20.05	ppb
Molybdenum	95-1	0.14	0.21	0.26	0.20	30.58	ppb
Molybdenum	96-1	0.25	0.27	0.21	0.24	13.32	ppb
Molybdenum	97-1	0.10	0.24	0.16	0.17	41.25	ppb
Molybdenum	98-1	0.17	0.28	0.18	0.21	29.93	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	3.31	3.28	3.49	3.36	3.29	ppb
Phosphorus	31-2	417.61	473.11	512.61	467.78	10.20	ppb
Potassium	39-2	5506.01	5562.14	5573.23	5547.13	0.65	ppb
Rhodium	103-1				106		%
Rhodium	103-2				100		%
Scandium	45-1				107		%
Scandium	45-2				105		%
Selenium	77-2	0.00	0.00	0.00	0.00	N/A	ppb
Selenium	78-2	-2.26	-0.67	-3.85	-2.26		ppb
Selenium	82-1	-0.65	-0.92	-0.34	-0.64		ppb
Silicon	28-1	22677.41	23055.16	23056.98	22929.85	0.95	ppb
Silver	109-1	0.03	0.05	0.07	0.05	47.07	ppb
Silver	107-1	0.08	0.04	0.04	0.05	41.52	ppb
Sodium	23-2	37237.95	37107.46	37260.90	37202.10	0.22	ppb
Strontium	86-1	469.09	467.41	461.32	465.94	0.88	ppb
Strontium	88-1	509.71	508.84	513.50	510.68	0.49	ppb
Sulfur	34-1	-1145.43	-872.33	-631.92	-883.23		ppb
Terbium	159-1				124		%
Terbium	159-2				105		%
Thallium	203-1	-0.04	-0.04	-0.04	-0.04		ppb
Thallium	205-1	-0.01	-0.01	0.00	-0.01		ppb
Thorium	232-1	0.08	0.07	0.07	0.07	8.70	ppb
Tin	118-1	0.19	0.23	0.17	0.20	14.66	ppb
Titanium	47-1	4.66	4.23	5.49	4.79	13.34	ppb
Uranium	238-1	0.05	0.04	0.04	0.05	11.42	ppb
Vanadium	51-2	0.61	0.62	0.60	0.61	1.67	ppb
Yttrium	89-1				120		%
Yttrium	89-2				103		%

LB Number :	LB104231	Operator :	Jaswal
Lab Sample ID :	K3763-06	Instrumnet Name :	P7
Client Sample ID :	MBFLM7	Dilution Factor :	1
Date & Time Acquired ::	2019-07-24 15:25:15	DataFile Name :	053SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zinc	66-2	7.98	7.41	7.80	7.73	3.74	ppb
Zirconium	90-1	0.06	0.05	0.06	0.06	11.74	ppb
Zirconium	91-1	0.09	0.02	0.06	0.05	63.21	ppb

LB Number :	LB104231	Operator :	Jaswal
Lab Sample ID :	K3763-07	Instrumnet Name :	P7
Client Sample ID :	MBFLM8	Dilution Factor :	1
Date & Time Acquired ::	2019-07-24 15:28:52	DataFile Name :	054SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	326.95	306.75	294.42	309.37	5.31	ppb
Antimony	121-1	0.21	0.17	0.16	0.18	14.56	ppb
Arsenic	75-2	1.11	1.30	1.34	1.25	9.72	ppb
Barium	135-1	187.11	178.95	179.11	181.73	2.57	ppb
Barium	137-1	188.31	179.37	175.10	180.93	3.73	ppb
Beryllium	9-1	0.13	0.09	0.11	0.11	17.88	ppb
Bismuth	209-1				123		%
Bismuth	209-2				109		%
Boron	10-1	183.09	186.85	183.95	184.63	1.07	ppb
Boron	11-1	198.41	198.66	195.93	197.67	0.76	ppb
Cadmium	111-1	20.56	20.19	20.39	20.38	0.92	ppb
Cadmium	106-1	13.15	14.24	13.36	13.58	4.29	ppb
Cadmium	108-1	19.53	13.57	15.67	16.26	18.60	ppb
Calcium	43-1	11420.94	11161.09	10852.32	11144.79	2.55	ppb
Calcium	44-1	10875.48	10644.92	10450.74	10657.05	2.00	ppb
Chromium	52-2	3.33	3.25	3.36	3.31	1.75	ppb
Cobalt	59-2	1.75	1.57	1.47	1.59	9.10	ppb
Copper	63-2	2.89	2.70	2.97	2.85	4.86	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				128		%
Holmium	165-2				107		%
Indium	115-1				122		%
Indium	115-2				103		%
Iron	56-2	470.85	465.61	455.19	463.88	1.72	ppb
Iron	57-2	513.99	490.94	476.05	493.66	3.87	ppb
Krypton	83-1						cps
Lead	206-1	4.31	4.48	3.88	4.22	7.33	ppb
Lead	207-1	4.20	4.26	3.75	4.07	6.87	ppb
Lead	208-1	4.31	4.20	4.07	4.19	2.87	ppb
Lithium	6-1				109		%
Magnesium	24-2	1732.77	1719.25	1692.89	1714.97	1.18	ppb

LB Number :	LB104231	Operator :	Jaswal
Lab Sample ID :	K3763-07	Instrumnet Name :	P7
Client Sample ID :	MBFLM8	Dilution Factor :	1
Date & Time Acquired ::	2019-07-24 15:28:52	DataFile Name :	054SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	119.60	117.56	117.83	118.33	0.94	ppb
Molybdenum	94-1	0.15	0.21	0.24	0.20	24.05	ppb
Molybdenum	95-1	0.09	0.09	0.05	0.08	26.65	ppb
Molybdenum	96-1	0.07	0.11	0.09	0.09	21.58	ppb
Molybdenum	97-1	0.08	0.10	0.10	0.09	8.62	ppb
Molybdenum	98-1	0.12	0.05	0.11	0.09	42.44	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	3.65	3.52	3.35	3.51	4.39	ppb
Phosphorus	31-2	-3.18	-3.99	-11.59	-6.26		ppb
Potassium	39-2	1658.87	1611.08	1560.90	1610.28	3.04	ppb
Rhodium	103-1				116		%
Rhodium	103-2				103		%
Scandium	45-1				108		%
Scandium	45-2				105		%
Selenium	77-2	16.13	20.61	9.11	15.28	37.94	ppb
Selenium	78-2	4.21	4.54	2.59	3.78	27.66	ppb
Selenium	82-1	3.52	3.49	3.11	3.37	6.87	ppb
Silicon	28-1	4073.04	4045.54	4019.39	4045.99	0.66	ppb
Silver	109-1	0.03	0.05	0.03	0.04	32.44	ppb
Silver	107-1	0.07	0.01	0.05	0.05	69.77	ppb
Sodium	23-2	8804.72	8616.08	8477.00	8632.60	1.91	ppb
Strontium	86-1	168.32	161.97	158.03	162.77	3.19	ppb
Strontium	88-1	167.14	163.43	159.27	163.28	2.41	ppb
Sulfur	34-1	4078.55	3782.74	3598.19	3819.83	6.34	ppb
Terbium	159-1				126		%
Terbium	159-2				107		%
Thallium	203-1	0.03	0.01	-0.01	0.01	244.88	ppb
Thallium	205-1	0.03	0.03	0.02	0.03	37.11	ppb
Thorium	232-1	0.02	0.02	0.01	0.02	46.33	ppb
Tin	118-1	0.17	0.18	0.14	0.16	12.75	ppb
Titanium	47-1	3.88	4.92	5.25	4.69	15.27	ppb
Uranium	238-1	0.21	0.22	0.19	0.21	6.83	ppb
Vanadium	51-2	0.83	1.06	0.89	0.93	12.94	ppb
Yttrium	89-1				125		%
Yttrium	89-2				107		%

LB Number :	LB104231	Operator :	Jaswal
Lab Sample ID :	K3763-07	Instrumnet Name :	P7
Client Sample ID :	MBFLM8	Dilution Factor :	1
Date & Time Acquired ::	2019-07-24 15:28:52	DataFile Name :	054SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zinc	66-2	620.72	624.90	611.20	618.94	1.13	ppb
Zirconium	90-1	0.08	0.09	0.03	0.07	46.82	ppb
Zirconium	91-1	0.07	0.02	0.07	0.05	60.75	ppb

LB Number :	LB104231	Operator :	Jaswal
Lab Sample ID :	K3763-09	Instrumnet Name :	P7
Client Sample ID :	MBFLM8D	Dilution Factor :	1
Date & Time Acquired ::	2019-07-24 15:32:28	DataFile Name :	055SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	301.65	296.41	293.17	297.07	1.44	ppb
Antimony	121-1	0.18	0.20	0.21	0.20	7.56	ppb
Arsenic	75-2	1.50	1.85	1.33	1.56	17.10	ppb
Barium	135-1	186.97	183.16	184.59	184.91	1.04	ppb
Barium	137-1	186.80	185.07	186.39	186.09	0.49	ppb
Beryllium	9-1	0.08	0.11	0.13	0.11	23.24	ppb
Bismuth	209-1				119		%
Bismuth	209-2				108		%
Boron	10-1	190.46	199.60	208.65	199.57	4.56	ppb
Boron	11-1	204.95	210.64	216.24	210.61	2.68	ppb
Cadmium	111-1	21.64	21.60	21.61	21.62	0.10	ppb
Cadmium	106-1	15.55	10.46	17.39	14.47	24.80	ppb
Cadmium	108-1	18.72	14.60	18.20	17.18	13.06	ppb
Calcium	43-1	11304.19	11613.84	11668.21	11528.75	1.70	ppb
Calcium	44-1	10822.10	11190.82	11144.25	11052.39	1.82	ppb
Chromium	52-2	3.25	3.04	3.35	3.21	4.94	ppb
Cobalt	59-2	1.73	1.46	1.56	1.58	8.62	ppb
Copper	63-2	2.64	3.10	2.92	2.88	8.09	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				125		%
Holmium	165-2				106		%
Indium	115-1				119		%
Indium	115-2				102		%
Iron	56-2	485.52	480.52	469.34	478.46	1.73	ppb
Iron	57-2	522.95	500.88	477.22	500.35	4.57	ppb
Krypton	83-1						cps
Lead	206-1	4.48	4.35	4.71	4.51	4.05	ppb
Lead	207-1	4.17	4.39	4.19	4.25	2.85	ppb
Lead	208-1	4.26	4.42	4.44	4.38	2.27	ppb
Lithium	6-1				107		%
Magnesium	24-2	1786.42	1768.58	1718.53	1757.84	2.00	ppb

LB Number :	LB104231	Operator :	Jaswal
Lab Sample ID :	K3763-09	Instrumnet Name :	P7
Client Sample ID :	MBFLM8D	Dilution Factor :	1
Date & Time Acquired ::	2019-07-24 15:32:28	DataFile Name :	055SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	123.33	122.91	120.68	122.31	1.16	ppb
Molybdenum	94-1	0.24	0.17	0.22	0.21	16.79	ppb
Molybdenum	95-1	0.10	0.10	0.06	0.09	28.47	ppb
Molybdenum	96-1	0.10	0.14	0.13	0.12	14.67	ppb
Molybdenum	97-1	0.11	0.18	0.09	0.13	36.29	ppb
Molybdenum	98-1	0.15	0.08	0.13	0.12	32.29	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	3.60	3.59	3.14	3.44	7.58	ppb
Phosphorus	31-2	-22.35	-15.77	-36.13	-24.75		ppb
Potassium	39-2	1653.71	1633.81	1663.02	1650.18	0.90	ppb
Rhodium	103-1				109		%
Rhodium	103-2				102		%
Scandium	45-1				105		%
Scandium	45-2				102		%
Selenium	77-2	4.69	16.29	11.69	10.89	53.66	ppb
Selenium	78-2	5.53	2.75	2.78	3.69	43.37	ppb
Selenium	82-1	4.28	3.33	3.93	3.85	12.40	ppb
Silicon	28-1	4041.99	4241.92	4283.91	4189.28	3.09	ppb
Silver	109-1	0.04	0.05	0.04	0.04	19.86	ppb
Silver	107-1	0.05	0.04	0.05	0.05	17.84	ppb
Sodium	23-2	8968.98	8941.34	8708.81	8873.04	1.61	ppb
Strontium	86-1	166.85	170.37	171.87	169.70	1.52	ppb
Strontium	88-1	169.07	170.52	170.33	169.97	0.46	ppb
Sulfur	34-1	3881.29	4825.59	4634.42	4447.10	11.23	ppb
Terbium	159-1				124		%
Terbium	159-2				106		%
Thallium	203-1	-0.01	0.02	0.01	0.01	248.52	ppb
Thallium	205-1	0.03	0.03	0.05	0.03	34.69	ppb
Thorium	232-1	0.02	0.02	0.01	0.02	9.93	ppb
Tin	118-1	0.18	0.14	0.16	0.16	10.05	ppb
Titanium	47-1	4.86	5.43	5.37	5.22	6.03	ppb
Uranium	238-1	0.22	0.19	0.23	0.21	9.16	ppb
Vanadium	51-2	1.07	0.77	0.79	0.87	19.32	ppb
Yttrium	89-1				122		%
Yttrium	89-2				105		%

LB Number :	LB104231	Operator :	Jaswal
Lab Sample ID :	K3763-09	Instrumnet Name :	P7
Client Sample ID :	MBFLM8D	Dilution Factor :	1
Date & Time Acquired ::	2019-07-24 15:32:28	DataFile Name :	055SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zinc	66-2	637.57	642.56	632.09	637.40	0.82	ppb
Zirconium	90-1	0.05	0.04	0.11	0.07	55.29	ppb
Zirconium	91-1	0.05	0.01	0.03	0.03	75.28	ppb

LB Number :	LB104231	Operator :	Jaswal
Lab Sample ID :	K3763-10	Instrumnet Name :	P7
Client Sample ID :	MBFLM8S	Dilution Factor :	1
Date & Time Acquired ::	2019-07-24 15:36:04	DataFile Name :	056SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	2430.88	2471.82	2397.65	2433.45	1.53	ppb
Antimony	121-1	92.87	92.95	90.02	91.95	1.82	ppb
Arsenic	75-2	45.24	43.82	45.84	44.96	2.31	ppb
Barium	135-1	2130.65	2097.17	2065.06	2097.62	1.56	ppb
Barium	137-1	2307.65	2304.48	2300.69	2304.28	0.15	ppb
Beryllium	9-1	54.04	54.18	53.26	53.83	0.92	ppb
Bismuth	209-1				118		%
Bismuth	209-2				106		%
Boron	10-1	192.03	193.13	199.95	195.04	2.20	ppb
Boron	11-1	211.68	215.34	220.08	215.70	1.95	ppb
Cadmium	111-1	71.29	69.38	67.70	69.45	2.59	ppb
Cadmium	106-1	45.53	44.53	52.86	47.64	9.55	ppb
Cadmium	108-1	61.44	60.96	53.29	58.56	7.80	ppb
Calcium	43-1	11644.18	11533.19	11381.37	11519.58	1.15	ppb
Calcium	44-1	11197.22	11146.35	11095.58	11146.38	0.46	ppb
Chromium	52-2	211.85	215.06	212.53	213.15	0.79	ppb
Cobalt	59-2	532.33	546.19	534.53	537.68	1.39	ppb
Copper	63-2	257.43	267.60	259.46	261.50	2.06	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				123		%
Holmium	165-2				105		%
Indium	115-1				116		%
Indium	115-2				100		%
Iron	56-2	1604.26	1662.57	1608.04	1624.96	2.01	ppb
Iron	57-2	1629.71	1675.21	1615.59	1640.17	1.90	ppb
Krypton	83-1						cps
Lead	206-1	23.99	24.30	23.61	23.97	1.45	ppb
Lead	207-1	24.30	25.03	24.62	24.65	1.50	ppb
Lead	208-1	24.28	24.59	24.31	24.39	0.69	ppb
Lithium	6-1				105		%
Magnesium	24-2	1759.67	1785.76	1746.43	1763.96	1.13	ppb

LB Number :	LB104231	Operator :	Jaswal
Lab Sample ID :	K3763-10	Instrumnet Name :	P7
Client Sample ID :	MBFLM8S	Dilution Factor :	1
Date & Time Acquired ::	2019-07-24 15:36:04	DataFile Name :	056SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	621.82	647.86	626.98	632.22	2.18	ppb
Molybdenum	94-1	0.23	0.22	0.24	0.23	3.08	ppb
Molybdenum	95-1	0.16	0.07	0.13	0.12	38.69	ppb
Molybdenum	96-1	0.14	0.13	0.11	0.13	12.21	ppb
Molybdenum	97-1	0.15	0.18	0.10	0.14	26.14	ppb
Molybdenum	98-1	0.12	0.17	0.13	0.14	18.72	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	536.84	555.19	539.75	543.93	1.81	ppb
Phosphorus	31-2	-48.95	-14.55	10.34	-17.72		ppb
Potassium	39-2	1637.04	1697.82	1658.30	1664.39	1.85	ppb
Rhodium	103-1				104		%
Rhodium	103-2				100		%
Scandium	45-1				103		%
Scandium	45-2				101		%
Selenium	77-2	172.54	183.47	150.53	168.85	9.94	ppb
Selenium	78-2	163.50	161.29	149.32	158.04	4.83	ppb
Selenium	82-1	141.09	136.25	140.19	139.18	1.85	ppb
Silicon	28-1	4266.46	4291.43	4320.77	4292.88	0.63	ppb
Silver	109-1	48.39	47.13	46.67	47.40	1.88	ppb
Silver	107-1	47.50	47.06	47.37	47.31	0.48	ppb
Sodium	23-2	8815.67	9054.17	8873.62	8914.49	1.40	ppb
Strontium	86-1	172.70	171.97	169.56	171.41	0.96	ppb
Strontium	88-1	172.53	172.16	169.97	171.55	0.81	ppb
Sulfur	34-1	4367.05	4279.59	4239.85	4295.50	1.51	ppb
Terbium	159-1				122		%
Terbium	159-2				104		%
Thallium	203-1	46.95	46.51	46.81	46.76	0.48	ppb
Thallium	205-1	48.10	48.91	48.21	48.41	0.91	ppb
Thorium	232-1	0.06	0.06	0.05	0.06	9.44	ppb
Tin	118-1	0.31	0.25	0.26	0.27	11.28	ppb
Titanium	47-1	6.00	5.47	5.19	5.55	7.35	ppb
Uranium	238-1	0.22	0.26	0.22	0.23	10.82	ppb
Vanadium	51-2	516.09	526.03	511.28	517.80	1.45	ppb
Yttrium	89-1				119		%
Yttrium	89-2				104		%

LB Number :	LB104231	Operator :	Jaswal
Lab Sample ID :	K3763-10	Instrumnet Name :	P7
Client Sample ID :	MBFLM8S	Dilution Factor :	1
Date & Time Acquired ::	2019-07-24 15:36:04	DataFile Name :	056SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zinc	66-2	1167.96	1240.06	1216.92	1208.32	3.05	ppb
Zirconium	90-1	0.11	0.09	0.07	0.09	17.63	ppb
Zirconium	91-1	0.13	0.06	0.05	0.08	57.82	ppb

LB Number :	LB104231	Operator :	Jaswal
Lab Sample ID :	K3763-07LX5	Instrumnet Name :	P7
Client Sample ID :	MBFLM8L	Dilution Factor :	5
Date & Time Acquired ::	2019-07-24 15:39:40	DataFile Name :	057SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	60.20	61.22	62.01	61.14	1.48	ppb
Antimony	121-1	0.09	0.06	0.03	0.06	48.29	ppb
Arsenic	75-2	0.41	0.18	0.36	0.32	39.37	ppb
Barium	135-1	37.27	36.90	36.25	36.81	1.41	ppb
Barium	137-1	37.35	35.62	36.12	36.37	2.45	ppb
Beryllium	9-1	0.02	0.00	0.02	0.01	105.79	ppb
Bismuth	209-1				103		%
Bismuth	209-2				94		%
Boron	10-1	58.42	60.65	62.30	60.46	3.22	ppb
Boron	11-1	63.24	63.64	62.69	63.19	0.75	ppb
Cadmium	111-1	3.40	4.00	3.83	3.74	8.26	ppb
Cadmium	106-1	2.60	2.82	1.32	2.25	36.22	ppb
Cadmium	108-1	4.36	2.97	3.00	3.44	22.93	ppb
Calcium	43-1	2281.89	2263.48	2285.94	2277.11	0.53	ppb
Calcium	44-1	2182.61	2183.75	2232.60	2199.65	1.30	ppb
Chromium	52-2	0.64	0.67	0.57	0.63	8.72	ppb
Cobalt	59-2	0.33	0.32	0.34	0.33	3.29	ppb
Copper	63-2	0.70	0.78	0.39	0.63	32.94	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				107		%
Holmium	165-2				92		%
Indium	115-1				94		%
Indium	115-2				89		%
Iron	56-2	93.90	92.56	90.81	92.42	1.68	ppb
Iron	57-2	101.37	102.12	99.33	100.94	1.43	ppb
Krypton	83-1						cps
Lead	206-1	0.78	0.89	1.10	0.92	17.84	ppb
Lead	207-1	0.81	0.80	0.77	0.79	2.90	ppb
Lead	208-1	0.83	0.81	0.92	0.85	7.02	ppb
Lithium	6-1				91		%
Magnesium	24-2	360.29	337.69	335.44	344.47	3.99	ppb

LB Number :	LB104231	Operator :	Jaswal
Lab Sample ID :	K3763-07LX5	Instrumnet Name :	P7
Client Sample ID :	MBFLM8L	Dilution Factor :	5
Date & Time Acquired ::	2019-07-24 15:39:40	DataFile Name :	057SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	24.37	23.75	23.63	23.92	1.66	ppb
Molybdenum	94-1	0.03	-0.01	0.06	0.03	112.11	ppb
Molybdenum	95-1	0.02	0.02	0.01	0.01	43.72	ppb
Molybdenum	96-1	0.03	0.07	-0.01	0.03	151.93	ppb
Molybdenum	97-1	0.00	0.00	0.04	0.01	178.45	ppb
Molybdenum	98-1	0.01	0.04	0.02	0.02	62.05	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.62	0.59	0.72	0.64	11.25	ppb
Phosphorus	31-2	-23.90	-16.82	-31.94	-24.22		ppb
Potassium	39-2	333.92	329.44	319.25	327.54	2.30	ppb
Rhodium	103-1				91		%
Rhodium	103-2				89		%
Scandium	45-1				90		%
Scandium	45-2				89		%
Selenium	77-2	2.71	0.00	0.00	0.90	173.21	ppb
Selenium	78-2	-2.82	-1.46	-1.50	-1.93		ppb
Selenium	82-1	0.03	-0.33	0.33	0.01	2608.26	ppb
Silicon	28-1	750.76	747.58	763.55	753.96	1.12	ppb
Silver	109-1	0.01	0.03	0.02	0.02	58.46	ppb
Silver	107-1	0.03	0.00	0.04	0.02	81.53	ppb
Sodium	23-2	1789.72	1787.83	1759.77	1779.11	0.94	ppb
Strontium	86-1	34.22	33.81	33.61	33.88	0.91	ppb
Strontium	88-1	34.86	33.13	33.58	33.86	2.66	ppb
Sulfur	34-1	-1975.93	-1833.98	-1459.64	-1756.52		ppb
Terbium	159-1				106		%
Terbium	159-2				92		%
Thallium	203-1	-0.01	-0.04	-0.01	-0.02		ppb
Thallium	205-1	0.01	-0.01	0.01	0.01	179.91	ppb
Thorium	232-1	0.01	0.01	0.01	0.01	8.83	ppb
Tin	118-1	0.01	0.04	-0.02	0.01	387.01	ppb
Titanium	47-1	0.81	0.76	0.69	0.76	7.82	ppb
Uranium	238-1	0.03	0.04	0.05	0.04	23.48	ppb
Vanadium	51-2	0.13	0.16	0.16	0.15	11.58	ppb
Yttrium	89-1				102		%
Yttrium	89-2				90		%

LB Number :	LB104231	Operator :	Jaswal
Lab Sample ID :	K3763-07LX5	Instrumnet Name :	P7
Client Sample ID :	MBFLM8L	Dilution Factor :	5
Date & Time Acquired ::	2019-07-24 15:39:40	DataFile Name :	057SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zinc	66-2	113.31	116.94	112.24	114.16	2.16	ppb
Zirconium	90-1	0.00	0.00	0.01	0.00	247.94	ppb
Zirconium	91-1	0.02	-0.01	0.09	0.04	140.37	ppb

LB Number :	LB104231	Operator :	Jaswal
Lab Sample ID :	K3763-08	Instrumnet Name :	P7
Client Sample ID :	MBFLN0	Dilution Factor :	1
Date & Time Acquired ::	2019-07-24 15:43:16	DataFile Name :	058SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	8.01	6.09	8.07	7.39	15.22	ppb
Antimony	121-1	0.02	0.05	0.05	0.04	34.29	ppb
Arsenic	75-2	0.07	-0.01	-0.01	0.01	352.13	ppb
Barium	135-1	0.41	0.51	0.52	0.48	12.34	ppb
Barium	137-1	0.56	0.58	0.52	0.56	5.80	ppb
Beryllium	9-1	-0.01	-0.04	-0.01	-0.02		ppb
Bismuth	209-1				121		%
Bismuth	209-2				108		%
Boron	10-1	9.74	10.44	11.15	10.44	6.73	ppb
Boron	11-1	11.59	11.05	11.62	11.42	2.79	ppb
Cadmium	111-1	-0.06	-0.05	-0.04	-0.05		ppb
Cadmium	106-1	-1.80	-2.06	-1.55	-1.81		ppb
Cadmium	108-1	0.02	0.02	0.02	0.02	6.97	ppb
Calcium	43-1	80.23	93.21	85.49	86.31	7.57	ppb
Calcium	44-1	102.75	94.15	93.13	96.68	5.46	ppb
Chromium	52-2	0.06	0.09	-0.02	0.04	143.12	ppb
Cobalt	59-2	-0.01	0.00	0.00	0.00		ppb
Copper	63-2	0.41	0.37	0.35	0.38	8.96	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				127		%
Holmium	165-2				105		%
Indium	115-1				122		%
Indium	115-2				102		%
Iron	56-2	6.79	6.97	6.19	6.65	6.17	ppb
Iron	57-2	8.68	5.77	10.53	8.33	28.83	ppb
Krypton	83-1						cps
Lead	206-1	0.31	0.31	0.28	0.30	5.40	ppb
Lead	207-1	0.28	0.34	0.32	0.31	9.24	ppb
Lead	208-1	0.32	0.30	0.34	0.32	6.43	ppb
Lithium	6-1				108		%
Magnesium	24-2	16.91	13.52	12.33	14.25	16.66	ppb

LB Number :	LB104231	Operator :	Jaswal
Lab Sample ID :	K3763-08	Instrumnet Name :	P7
Client Sample ID :	MBFLN0	Dilution Factor :	1
Date & Time Acquired ::	2019-07-24 15:43:16	DataFile Name :	058SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	0.41	0.35	0.58	0.45	26.66	ppb
Molybdenum	94-1	0.04	-0.05	0.02	0.00	1484.64	ppb
Molybdenum	95-1	-0.01	0.00	0.00	0.00		ppb
Molybdenum	96-1	0.00	0.01	-0.01	0.00	491.13	ppb
Molybdenum	97-1	0.01	0.01	0.00	0.01	122.68	ppb
Molybdenum	98-1	0.00	0.02	0.02	0.01	101.62	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.16	0.12	0.12	0.13	17.15	ppb
Phosphorus	31-2	-15.90	-35.70	-8.90	-20.16		ppb
Potassium	39-2	14.50	21.47	18.94	18.30	19.28	ppb
Rhodium	103-1				116		%
Rhodium	103-2				102		%
Scandium	45-1				105		%
Scandium	45-2				102		%
Selenium	77-2	0.00	0.00	0.00	0.00	N/A	ppb
Selenium	78-2	-3.43	-1.44	-1.43	-2.10		ppb
Selenium	82-1	-0.43	-0.93	-0.24	-0.53		ppb
Silicon	28-1	23.78	24.08	23.59	23.82	1.06	ppb
Silver	109-1	0.00	0.02	0.02	0.01	64.02	ppb
Silver	107-1	0.03	0.04	0.02	0.03	27.64	ppb
Sodium	23-2	460.05	469.72	467.12	465.63	1.07	ppb
Strontium	86-1	0.46	0.22	0.27	0.32	40.22	ppb
Strontium	88-1	0.27	0.31	0.28	0.29	8.16	ppb
Sulfur	34-1	-4175.55	-4042.38	-3959.56	-4059.17		ppb
Terbium	159-1				126		%
Terbium	159-2				105		%
Thallium	203-1	-0.04	-0.03	-0.04	-0.04		ppb
Thallium	205-1	-0.01	-0.02	-0.01	-0.02		ppb
Thorium	232-1	0.00	0.00	0.00	0.00	54.80	ppb
Tin	118-1	0.91	1.08	1.08	1.02	9.28	ppb
Titanium	47-1	0.05	-0.02	0.06	0.03	147.13	ppb
Uranium	238-1	0.00	0.00	0.00	0.00	58.30	ppb
Vanadium	51-2	0.08	0.14	0.13	0.12	29.02	ppb
Yttrium	89-1				120		%
Yttrium	89-2				102		%

LB Number :	LB104231	Operator :	Jaswal
Lab Sample ID :	K3763-08	Instrumnet Name :	P7
Client Sample ID :	MBFLN0	Dilution Factor :	1
Date & Time Acquired ::	2019-07-24 15:43:16	DataFile Name :	058SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zinc	66-2	17.97	18.05	18.89	18.30	2.78	ppb
Zirconium	90-1	-0.01	-0.01	-0.02	-0.01		ppb
Zirconium	91-1	-0.08	-0.04	-0.08	-0.07		ppb

LB Number :	LB104231	Operator :	Jaswal
Lab Sample ID :	K3766-08	Instrumnet Name :	P7
Client Sample ID :	MA52S3	Dilution Factor :	1
Date & Time Acquired ::	2019-07-24 15:46:53	DataFile Name :	059SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	5.02	3.92	7.55	5.50	33.89	ppb
Antimony	121-1	0.05	0.03	0.04	0.04	15.15	ppb
Arsenic	75-2	0.03	0.07	-0.01	0.03	150.50	ppb
Barium	135-1	0.06	0.06	0.01	0.05	59.47	ppb
Barium	137-1	0.06	0.08	0.08	0.07	12.57	ppb
Beryllium	9-1	-0.04	0.00	-0.01	-0.02		ppb
Bismuth	209-1				117		%
Bismuth	209-2				104		%
Boron	10-1	6.77	5.79	6.81	6.46	8.92	ppb
Boron	11-1	7.56	7.34	7.67	7.53	2.25	ppb
Cadmium	111-1	-0.09	-0.04	-0.07	-0.07		ppb
Cadmium	106-1	-3.30	-2.04	-2.78	-2.71		ppb
Cadmium	108-1	-0.12	-0.12	0.03	-0.07		ppb
Calcium	43-1	8.96	4.60	10.86	8.14	39.45	ppb
Calcium	44-1	9.03	9.11	13.28	10.47	23.18	ppb
Chromium	52-2	-0.06	-0.07	-0.05	-0.06		ppb
Cobalt	59-2	0.00	0.02	0.03	0.02	103.06	ppb
Copper	63-2	0.34	0.40	0.29	0.34	15.22	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				123		%
Holmium	165-2				103		%
Indium	115-1				118		%
Indium	115-2				99		%
Iron	56-2	1.39	1.47	2.08	1.65	22.76	ppb
Iron	57-2	2.92	2.39	1.25	2.19	39.07	ppb
Krypton	83-1						cps
Lead	206-1	0.15	0.16	0.20	0.17	15.26	ppb
Lead	207-1	0.16	0.11	0.10	0.13	26.02	ppb
Lead	208-1	0.16	0.16	0.17	0.16	3.72	ppb
Lithium	6-1				105		%
Magnesium	24-2	4.07	5.12	4.02	4.40	14.06	ppb

LB Number :	LB104231	Operator :	Jaswal
Lab Sample ID :	K3766-08	Instrumnet Name :	P7
Client Sample ID :	MA52S3	Dilution Factor :	1
Date & Time Acquired ::	2019-07-24 15:46:53	DataFile Name :	059SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	0.48	0.49	0.45	0.47	5.18	ppb
Molybdenum	94-1	-0.02	0.02	0.00	0.00	1110.37	ppb
Molybdenum	95-1	-0.01	0.00	-0.01	-0.01		ppb
Molybdenum	96-1	0.03	-0.01	0.02	0.01	127.41	ppb
Molybdenum	97-1	0.01	0.00	-0.02	0.00		ppb
Molybdenum	98-1	0.00	0.02	0.01	0.01	62.85	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.18	0.04	0.11	0.11	64.27	ppb
Phosphorus	31-2	-55.38	-55.30	-62.05	-57.58		ppb
Potassium	39-2	9.67	10.40	11.19	10.42	7.26	ppb
Rhodium	103-1				108		%
Rhodium	103-2				100		%
Scandium	45-1				103		%
Scandium	45-2				100		%
Selenium	77-2	0.00	0.00	2.50	0.83	173.21	ppb
Selenium	78-2	-1.81	1.05	-3.39	-1.38		ppb
Selenium	82-1	-1.09	-1.06	-0.21	-0.79		ppb
Silicon	28-1	-7.47	-7.34	-6.48	-7.10		ppb
Silver	109-1	0.02	0.05	0.03	0.03	46.62	ppb
Silver	107-1	0.03	0.02	0.04	0.03	46.66	ppb
Sodium	23-2	56.08	61.66	64.18	60.64	6.84	ppb
Strontium	86-1	-0.06	0.07	0.05	0.02	321.35	ppb
Strontium	88-1	0.05	0.06	0.04	0.05	13.53	ppb
Sulfur	34-1	-3892.04	-3778.25	-3581.25	-3750.51		ppb
Terbium	159-1				122		%
Terbium	159-2				102		%
Thallium	203-1	-0.02	-0.04	-0.03	-0.03		ppb
Thallium	205-1	-0.02	-0.02	-0.02	-0.02		ppb
Thorium	232-1	0.00	0.00	0.00	0.00		ppb
Tin	118-1	0.14	0.05	0.12	0.10	48.25	ppb
Titanium	47-1	0.01	0.06	0.01	0.02	126.09	ppb
Uranium	238-1	0.00	0.00	0.00	0.00		ppb
Vanadium	51-2	0.11	0.09	0.09	0.10	12.05	ppb
Yttrium	89-1				116		%
Yttrium	89-2				100		%

LB Number :	LB104231	Operator :	Jaswal
Lab Sample ID :	K3766-08	Instrumnet Name :	P7
Client Sample ID :	MA52S3	Dilution Factor :	1
Date & Time Acquired ::	2019-07-24 15:46:53	DataFile Name :	059SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zinc	66-2	4.14	3.46	4.42	4.01	12.24	ppb
Zirconium	90-1	0.03	-0.01	-0.01	0.00	608.14	ppb
Zirconium	91-1	-0.07	-0.04	-0.04	-0.05		ppb

LB Number :	LB104231	Operator :	Jaswal
Lab Sample ID :	CCV049	Instrumnet Name :	P7
Client Sample ID :	CCV049	Dilution Factor :	1
Date & Time Acquired ::	2019-07-24 16:13:46	DataFile Name :	060CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	57132.90	55682.29	56651.48	56488.89	1.31	ppb
Antimony	121-1	462.66	472.17	471.77	468.87	1.15	ppb
Arsenic	75-2	549.65	545.31	546.96	547.31	0.40	ppb
Barium	135-1	2240.60	2251.31	2245.32	2245.74	0.24	ppb
Barium	137-1	2469.67	2507.75	2475.10	2484.18	0.83	ppb
Beryllium	9-1	483.61	485.10	490.35	486.35	0.73	ppb
Bismuth	209-1				92		%
Bismuth	209-2				86		%
Boron	10-1	457.14	465.73	488.51	470.46	3.45	ppb
Boron	11-1	464.73	483.85	490.83	479.81	2.82	ppb
Cadmium	111-1	480.88	488.89	490.00	486.59	1.02	ppb
Cadmium	106-1	472.10	463.37	478.03	471.17	1.56	ppb
Cadmium	108-1	471.69	479.00	458.42	469.70	2.22	ppb
Calcium	43-1	267778.80	270729.27	267578.49	268695.52	0.66	ppb
Calcium	44-1	268812.46	270695.36	267004.61	268837.48	0.69	ppb
Chromium	52-2	504.89	501.30	502.22	502.80	0.37	ppb
Cobalt	59-2	496.55	484.64	495.71	492.30	1.35	ppb
Copper	63-2	987.59	980.58	990.19	986.12	0.50	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				106		%
Holmium	165-2				94		%
Indium	115-1				85		%
Indium	115-2				85		%
Iron	56-2	137092.27	133850.10	134988.17	135310.18	1.22	ppb
Iron	57-2	131823.08	130886.15	132081.19	131596.81	0.48	ppb
Krypton	83-1						cps
Lead	206-1	488.40	488.38	494.14	490.31	0.68	ppb
Lead	207-1	487.84	490.55	493.17	490.52	0.54	ppb
Lead	208-1	503.43	506.94	507.36	505.91	0.43	ppb
Lithium	6-1				89		%
Magnesium	24-2	265259.16	257979.77	261009.64	261416.19	1.40	ppb

LB Number :	LB104231	Operator :	Jaswal
Lab Sample ID :	CCV049	Instrumnet Name :	P7
Client Sample ID :	CCV049	Dilution Factor :	1
Date & Time Acquired ::	2019-07-24 16:13:46	DataFile Name :	060CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	1010.04	985.61	999.22	998.29	1.23	ppb
Molybdenum	94-1	2504.28	2781.14	2529.97	2605.13	5.87	ppb
Molybdenum	95-1	2513.38	2791.60	2532.78	2612.58	5.95	ppb
Molybdenum	96-1	2512.35	2795.79	2522.28	2610.14	6.16	ppb
Molybdenum	97-1	2221.36	2497.39	2248.50	2322.42	6.55	ppb
Molybdenum	98-1	2517.18	2788.56	2511.64	2605.79	6.07	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	485.12	469.33	483.45	479.30	1.81	ppb
Phosphorus	31-2	9726.06	9648.74	9528.55	9634.45	1.03	ppb
Potassium	39-2	132369.73	128441.33	129967.86	130259.64	1.52	ppb
Rhodium	103-1				78		%
Rhodium	103-2				81		%
Scandium	45-1				85		%
Scandium	45-2				90		%
Selenium	77-2	500.38	523.83	521.81	515.34	2.52	ppb
Selenium	78-2	510.19	523.42	511.89	515.16	1.40	ppb
Selenium	82-1	455.40	502.83	457.27	471.83	5.69	ppb
Silicon	28-1	498.55	507.64	504.36	503.52	0.91	ppb
Silver	109-1	468.96	467.89	465.31	467.39	0.40	ppb
Silver	107-1	467.65	470.45	469.96	469.35	0.32	ppb
Sodium	23-2	269291.76	263271.17	263522.42	265361.78	1.28	ppb
Strontium	86-1	468.14	523.37	472.15	487.88	6.31	ppb
Strontium	88-1	516.92	577.45	519.81	538.06	6.35	ppb
Sulfur	34-1	10141.09	10078.48	9682.18	9967.25	2.50	ppb
Terbium	159-1				104		%
Terbium	159-2				94		%
Thallium	203-1	488.99	491.94	494.80	491.91	0.59	ppb
Thallium	205-1	550.37	550.40	559.10	553.29	0.91	ppb
Thorium	232-1	564.55	570.88	566.30	567.24	0.58	ppb
Tin	118-1	431.65	438.18	437.09	435.64	0.80	ppb
Titanium	47-1	2533.89	2557.64	2539.77	2543.76	0.49	ppb
Uranium	238-1	562.98	572.62	566.29	567.29	0.86	ppb
Vanadium	51-2	512.59	504.95	509.64	509.06	0.76	ppb
Yttrium	89-1				94		%
Yttrium	89-2				90		%

LB Number :	LB104231	Operator :	Jaswal
Lab Sample ID :	CCV049	Instrumnet Name :	P7
Client Sample ID :	CCV049	Dilution Factor :	1
Date & Time Acquired ::	2019-07-24 16:13:46	DataFile Name :	060CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zinc	66-2	990.47	958.64	988.87	979.33	1.83	ppb
Zirconium	90-1	444.76	513.41	457.58	471.92	7.73	ppb
Zirconium	91-1	458.40	512.00	460.13	476.84	6.39	ppb

LB Number : LB104231 Operator : Jaswal
 Lab Sample ID : CCB049 Instrumnet Name : P7
 Client Sample ID : CCB049 Dilution Factor : 1
 Date & Time Acquired :: 2019-07-24 16:26:50 DataFile Name : 061CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	-0.01	-0.01	0.76	0.25	180.29	ppb
Antimony	121-1	0.08	0.11	0.05	0.08	33.13	ppb
Arsenic	75-2	-0.01	0.03	0.03	0.01	173.86	ppb
Barium	135-1	0.02	0.07	0.07	0.05	58.55	ppb
Barium	137-1	0.03	0.12	0.01	0.05	114.21	ppb
Beryllium	9-1	-0.01	0.03	0.00	0.00	444.47	ppb
Bismuth	209-1				104		%
Bismuth	209-2				100		%
Boron	10-1	3.32	2.89	3.35	3.19	8.00	ppb
Boron	11-1	3.32	3.24	3.49	3.35	3.94	ppb
Cadmium	111-1	-0.07	-0.14	0.07	-0.05		ppb
Cadmium	106-1	-3.47	-5.13	2.34	-2.09		ppb
Cadmium	108-1	0.05	0.21	-0.12	0.04	371.99	ppb
Calcium	43-1	5.06	2.66	-3.60	1.38	324.87	ppb
Calcium	44-1	2.08	0.61	1.28	1.32	55.66	ppb
Chromium	52-2	-0.12	0.02	-0.06	-0.05		ppb
Cobalt	59-2	-0.01	-0.01	0.01	0.00		ppb
Copper	63-2	-0.03	-0.05	-0.04	-0.04		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				100		%
Indium	115-1				97		%
Indium	115-2				98		%
Iron	56-2	1.97	1.98	1.56	1.84	13.07	ppb
Iron	57-2	8.18	5.75	7.57	7.17	17.70	ppb
Krypton	83-1						cps
Lead	206-1	0.02	0.01	0.00	0.01	104.77	ppb
Lead	207-1	0.05	0.02	-0.02	0.02	185.59	ppb
Lead	208-1	0.03	0.01	0.01	0.01	67.32	ppb
Lithium	6-1				98		%
Magnesium	24-2	2.92	2.88	2.75	2.85	3.14	ppb

LB Number :	LB104231	Operator :	Jaswal
Lab Sample ID :	CCB049	Instrumnet Name :	P7
Client Sample ID :	CCB049	Dilution Factor :	1
Date & Time Acquired ::	2019-07-24 16:26:50	DataFile Name :	061CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	0.02	0.03	0.09	0.05	69.62	ppb
Molybdenum	94-1	0.07	0.02	0.04	0.04	62.57	ppb
Molybdenum	95-1	0.06	0.08	0.06	0.06	18.38	ppb
Molybdenum	96-1	0.10	0.10	0.08	0.09	15.40	ppb
Molybdenum	97-1	0.03	0.10	0.10	0.08	49.90	ppb
Molybdenum	98-1	0.09	0.08	0.08	0.09	9.32	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.06	0.00	-0.02	0.01	337.15	ppb
Phosphorus	31-2	-42.11	-22.62	-22.28	-29.01		ppb
Potassium	39-2	-2.12	-8.67	-8.14	-6.31		ppb
Rhodium	103-1				96		%
Rhodium	103-2				99		%
Scandium	45-1				98		%
Scandium	45-2				102		%
Selenium	77-2	0.00	0.00	0.00	0.00	N/A	ppb
Selenium	78-2	0.31	-1.80	-0.17	-0.55		ppb
Selenium	82-1	-0.42	-0.33	-1.18	-0.64		ppb
Silicon	28-1	-4.22	-4.23	-4.34	-4.27		ppb
Silver	109-1	0.01	0.03	-0.01	0.01	193.85	ppb
Silver	107-1	0.02	0.00	0.00	0.01	137.85	ppb
Sodium	23-2	10.63	10.41	13.53	11.52	15.11	ppb
Strontium	86-1	-0.01	-0.09	-0.01	-0.04		ppb
Strontium	88-1	0.02	0.00	0.01	0.01	65.57	ppb
Sulfur	34-1	-1690.43	-1550.03	-1634.01	-1624.82		ppb
Terbium	159-1				109		%
Terbium	159-2				100		%
Thallium	203-1	0.03	0.03	-0.02	0.01	231.70	ppb
Thallium	205-1	0.03	0.01	0.02	0.02	53.82	ppb
Thorium	232-1	0.02	0.03	0.02	0.02	16.16	ppb
Tin	118-1	-0.02	0.00	-0.01	-0.01		ppb
Titanium	47-1	0.04	-0.02	0.06	0.03	146.51	ppb
Uranium	238-1	0.00	0.00	0.01	0.00	29.03	ppb
Vanadium	51-2	0.00	0.00	0.01	0.00	180.69	ppb
Yttrium	89-1				108		%
Yttrium	89-2				100		%

LB Number :	LB104231	Operator :	Jaswal
Lab Sample ID :	CCB049	Instrumnet Name :	P7
Client Sample ID :	CCB049	Dilution Factor :	1
Date & Time Acquired ::	2019-07-24 16:26:50	DataFile Name :	061CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zinc	66-2	-0.23	-0.33	-0.48	-0.35		ppb
Zirconium	90-1	-0.01	0.00	-0.02	-0.01		ppb
Zirconium	91-1	-0.06	-0.04	-0.05	-0.05		ppb

LB Number :	LB104231	Operator :	Jaswal
Lab Sample ID :	S00	Instrumnet Name :	P7
Client Sample ID :	S00	Dilution Factor :	1
Date & Time Acquired ::	2019-07-24 12:13:41	DataFile Name :	003CALB.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	25	0	25	17	86.60	cps
Antimony	121-1	25	0	17	14	91.65	cps
Arsenic	75-2	0	0	2	1	173.21	cps
Barium	135-1	8	0	0	3	173.21	cps
Barium	137-1	0	8	0	3	173.21	cps
Beryllium	9-1	37	27	53	39	34.63	cps
Bismuth	209-1	689779	700479	696362	695540	0.78	cps
Bismuth	209-2	477942	479166	483029	480046	0.55	cps
Boron	10-1	283	317	325	308	7.15	cps
Boron	11-1	1067	1125	1033	1075	4.32	cps
Cadmium	111-1	81	106	84	90	14.99	cps
Cadmium	106-1	400	508	433	447	12.41	cps
Cadmium	108-1	4	0	4	3	86.60	cps
Calcium	43-1	33	42	75	50	44.09	cps
Calcium	44-1	2684	2959	2475	2706	8.96	cps
Chromium	52-2	217	190	153	187	17.03	cps
Cobalt	59-2	0	17	7	8	107.84	cps
Copper	63-2	60	90	80	77	19.92	cps
Dysprosium	156-1	0	0	8	3	173.21	cps
Dysprosium	156-2	0	3	0	1	173.21	cps
Erbium	164-1	17	8	8	11	43.34	cps
Erbium	164-2	0	0	0	0	0.00	cps
Gadolinium	160-1	25	0	0	8	173.21	cps
Gadolinium	160-2	47	27	3	26	84.88	cps
Holmium	165-1	1198087	1229541	1230062	1219230	1.50	cps
Holmium	165-2	730138	733783	740306	734742	0.70	cps
Indium	115-1	930638	941838	938935	937137	0.62	cps
Indium	115-2	197138	200917	201421	199825	1.17	cps
Iron	56-2	900	911	945	919	2.52	cps
Iron	57-2	11	22	33	22	50.00	cps
Krypton	83-1	47	37	50	44	15.61	cps
Lead	206-1	33	44	33	37	17.33	cps
Lead	207-1	61	17	22	33	72.64	cps
Lead	208-1	167	111	122	133	22.04	cps
Lithium	6-1	1014206	1025163	1027560	1022310	0.70	cps
Magnesium	24-2	25	25	25	25	0.00	cps

LB Number :	LB104231	Operator :	Jaswal
Lab Sample ID :	S00	Instrumnet Name :	P7
Client Sample ID :	S00	Dilution Factor :	1
Date & Time Acquired ::	2019-07-24 12:13:41	DataFile Name :	003CALB.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	7	10	0	6	91.64	cps
Molybdenum	94-1	8	75	50	44	75.78	cps
Molybdenum	95-1	17	0	17	11	86.60	cps
Molybdenum	96-1	33	0	25	19	89.21	cps
Molybdenum	97-1	8	17	0	8	100.02	cps
Molybdenum	98-1	0	0	8	3	173.21	cps
Neodymium	150-1	0	0	0	0	0.00	cps
Neodymium	150-2	0	3	0	1	173.21	cps
Nickel	60-2	3	7	20	10	88.20	cps
Phosphorus	31-2	92	25	33	50	72.65	cps
Potassium	39-2	3934	4034	4201	4056	3.32	cps
Rhodium	103-1	955057	971414	970006	965492	0.94	cps
Rhodium	103-2	472027	470704	474378	472370	0.39	cps
Scandium	45-1	1233514	1259324	1236154	1242997	1.14	cps
Scandium	45-2	52569	51780	52429	52259	0.81	cps
Selenium	77-2	0	0	0	0	0.00	cps
Selenium	78-2	22	28	13	21	35.67	cps
Selenium	82-1	36	39	40	38	5.38	cps
Silicon	28-1	59193	58808	60171	59391	1.18	cps
Silver	109-1	8	17	0	8	100.02	cps
Silver	107-1	17	0	0	6	173.21	cps
Sodium	23-2	2334	2500	2375	2403	3.61	cps
Strontium	86-1	58	100	92	83	26.45	cps
Strontium	88-1	8	17	8	11	43.34	cps
Sulfur	34-1	122584	119065	120122	120590	1.50	cps
Terbium	159-1	1263545	1289331	1291712	1281529	1.22	cps
Terbium	159-2	723317	726960	740120	730132	1.21	cps
Thallium	203-1	42	17	50	36	48.03	cps
Thallium	205-1	67	33	58	53	32.88	cps
Thorium	232-1	17	11	17	15	21.67	cps
Tin	118-1	67	67	50	61	15.75	cps
Titanium	47-1	33	8	25	22	57.29	cps
Uranium	238-1	8	0	0	3	173.21	cps
Vanadium	51-2	7	0	3	3	100.05	cps
Yttrium	89-1	1342786	1349988	1359977	1350917	0.64	cps
Yttrium	89-2	197268	198298	198903	198156	0.42	cps

LB Number :	LB104231	Operator :	Jaswal
Lab Sample ID :	S00	Instrumnet Name :	P7
Client Sample ID :	S00	Dilution Factor :	1
Date & Time Acquired ::	2019-07-24 12:13:41	DataFile Name :	003CALB.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zinc	66-2	60	40	37	46	27.70	cps
Zirconium	90-1	125	125	167	139	17.32	cps
Zirconium	91-1	58	42	33	44	28.65	cps

LB Number : LB104231 Operator : Jaswal
 Lab Sample ID : S01 Instrumnet Name : P7
 Client Sample ID : S01 Dilution Factor : 1
 Date & Time Acquired :: 2019-07-24 12:17:17 DataFile Name : 004CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	42	58	33	44	28.65	cps
Antimony	121-1	200	250	133	194	30.10	cps
Arsenic	75-2	6	9	7	7	24.97	cps
Barium	135-1	308	217	250	258	17.96	cps
Barium	137-1	458	517	333	436	21.48	cps
Beryllium	9-1	80	100	77	86	14.75	cps
Bismuth	209-1	695242	702013	705151	700802	0.72	cps
Bismuth	209-2	485724	492034	490037	489265	0.66	cps
Boron	10-1	550	500	708	586	18.56	cps
Boron	11-1	2150	2525	2350	2342	8.01	cps
Cadmium	111-1	135	130	143	136	4.85	cps
Cadmium	106-1	458	500	467	475	4.64	cps
Cadmium	108-1	4	4	0	3	86.60	cps
Calcium	43-1	458	392	333	394	15.86	cps
Calcium	44-1	8995	8378	8828	8734	3.66	cps
Chromium	52-2	270	320	273	288	9.71	cps
Cobalt	59-2	70	80	63	71	11.80	cps
Copper	63-2	187	213	167	189	12.40	cps
Dysprosium	156-1	0	0	0	0	0.00	cps
Dysprosium	156-2	0	0	0	0	0.00	cps
Erbium	164-1	8	8	0	6	86.60	cps
Erbium	164-2	3	3	3	3	0.00	cps
Gadolinium	160-1	17	0	8	8	100.02	cps
Gadolinium	160-2	37	27	23	29	24.03	cps
Holmium	165-1	1185821	1187160	1201131	1191371	0.71	cps
Holmium	165-2	734822	744500	739550	739624	0.65	cps
Indium	115-1	945529	951827	948910	948755	0.33	cps
Indium	115-2	200405	204016	204339	202920	1.08	cps
Iron	56-2	2917	3017	2845	2926	2.96	cps
Iron	57-2	111	111	100	107	5.97	cps
Krypton	83-1	57	30	50	46	30.47	cps
Lead	206-1	133	106	61	100	36.43	cps
Lead	207-1	122	111	100	111	10.00	cps
Lead	208-1	511	461	339	437	20.28	cps
Lithium	6-1	1027386	1030804	1032476	1030222	0.25	cps
Magnesium	24-2	2675	2850	3017	2848	6.00	cps

LB Number :	LB104231	Operator :	Jaswal
Lab Sample ID :	S01	Instrumnet Name :	P7
Client Sample ID :	S01	Dilution Factor :	1
Date & Time Acquired ::	2019-07-24 12:17:17	DataFile Name :	004CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	83	53	17	51	65.33	cps
Molybdenum	94-1	258	283	333	292	13.09	cps
Molybdenum	95-1	467	408	275	383	25.63	cps
Molybdenum	96-1	417	400	383	400	4.17	cps
Molybdenum	97-1	200	267	192	219	18.73	cps
Molybdenum	98-1	600	592	633	608	3.62	cps
Neodymium	150-1	0	0	0	0	0.00	cps
Neodymium	150-2	0	0	0	0	0.00	cps
Nickel	60-2	40	27	27	31	24.74	cps
Phosphorus	31-2	67	83	33	61	41.67	cps
Potassium	39-2	6427	6360	6318	6368	0.86	cps
Rhodium	103-1	967514	975431	980648	974531	0.68	cps
Rhodium	103-2	473021	478410	477069	476166	0.59	cps
Scandium	45-1	1265589	1267924	1268673	1267395	0.13	cps
Scandium	45-2	54259	54038	53570	53955	0.65	cps
Selenium	77-2	0	0	0	0	0.00	cps
Selenium	78-2	15	13	24	17	34.45	cps
Selenium	82-1	33	60	40	45	31.14	cps
Silicon	28-1	60867	62063	62598	61843	1.43	cps
Silver	109-1	50	133	117	100	44.10	cps
Silver	107-1	192	117	133	147	26.75	cps
Sodium	23-2	7794	7410	7694	7633	2.61	cps
Strontium	86-1	117	158	150	142	15.56	cps
Strontium	88-1	442	467	500	469	6.23	cps
Sulfur	34-1	120996	120971	121660	121209	0.32	cps
Terbium	159-1	1241203	1255837	1259836	1252292	0.78	cps
Terbium	159-2	734802	740771	740418	738664	0.45	cps
Thallium	203-1	150	142	100	131	20.52	cps
Thallium	205-1	358	250	292	300	18.22	cps
Thorium	232-1	344	372	389	369	6.09	cps
Tin	118-1	558	617	450	542	15.61	cps
Titanium	47-1	117	175	217	169	29.65	cps
Uranium	238-1	417	325	358	367	12.65	cps
Vanadium	51-2	280	253	243	259	7.32	cps
Yttrium	89-1	1335912	1349010	1347811	1344244	0.54	cps
Yttrium	89-2	198623	199359	200674	199552	0.52	cps

LB Number :	LB104231	Operator :	Jaswal
Lab Sample ID :	S01	Instrumnet Name :	P7
Client Sample ID :	S01	Dilution Factor :	1
Date & Time Acquired ::	2019-07-24 12:17:17	DataFile Name :	004CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zinc	66-2	50	57	47	51	9.96	cps
Zirconium	90-1	400	358	325	361	10.41	cps
Zirconium	91-1	42	92	125	86	48.71	cps

LB Number :	LB104231	Operator :	Jaswal
Lab Sample ID :	S02	Instrumnet Name :	P7
Client Sample ID :	S02	Dilution Factor :	1
Date & Time Acquired ::	2019-07-24 12:21:16	DataFile Name :	005CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	400	442	525	456	13.97	cps
Antimony	121-1	2067	1975	1692	1911	10.23	cps
Arsenic	75-2	43	56	37	45	21.09	cps
Barium	135-1	3109	3100	3100	3103	0.15	cps
Barium	137-1	5084	4943	4651	4893	4.52	cps
Beryllium	9-1	757	713	793	754	5.31	cps
Bismuth	209-1	695978	689965	695054	693666	0.47	cps
Bismuth	209-2	474259	472341	497204	481268	2.87	cps
Boron	10-1	3250	3401	3442	3364	3.00	cps
Boron	11-1	13281	14124	14216	13874	3.71	cps
Cadmium	111-1	349	439	395	394	11.41	cps
Cadmium	106-1	500	617	583	567	10.61	cps
Cadmium	108-1	25	25	38	29	24.74	cps
Calcium	43-1	3617	3676	3526	3606	2.10	cps
Calcium	44-1	58801	59471	60290	59520	1.25	cps
Chromium	52-2	1337	1163	1207	1236	7.30	cps
Cobalt	59-2	700	770	700	723	5.59	cps
Copper	63-2	883	990	1007	960	6.97	cps
Dysprosium	156-1	0	0	0	0	0.00	cps
Dysprosium	156-2	0	0	0	0	0.00	cps
Erbium	164-1	17	0	8	8	100.02	cps
Erbium	164-2	0	3	0	1	173.21	cps
Gadolinium	160-1	0	0	8	3	173.21	cps
Gadolinium	160-2	40	40	30	37	15.75	cps
Holmium	165-1	1182756	1173490	1169681	1175309	0.57	cps
Holmium	165-2	711639	720120	748522	726760	2.66	cps
Indium	115-1	945761	935303	931542	937535	0.79	cps
Indium	115-2	197016	198181	209440	201546	3.40	cps
Iron	56-2	22562	21972	22317	22284	1.33	cps
Iron	57-2	622	717	539	626	14.21	cps
Krypton	83-1	37	40	57	44	24.11	cps
Lead	206-1	806	622	672	700	13.54	cps
Lead	207-1	711	617	767	698	10.86	cps
Lead	208-1	3128	2867	3111	3035	4.82	cps
Lithium	6-1	1031078	1026081	1026173	1027777	0.28	cps
Magnesium	24-2	27509	28161	29321	28330	3.24	cps

LB Number :	LB104231	Operator :	Jaswal
Lab Sample ID :	S02	Instrumnet Name :	P7
Client Sample ID :	S02	Dilution Factor :	1
Date & Time Acquired ::	2019-07-24 12:21:16	DataFile Name :	005CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	320	313	330	321	2.61	cps
Molybdenum	94-1	3025	2792	3075	2964	5.10	cps
Molybdenum	95-1	3559	3876	3692	3709	4.29	cps
Molybdenum	96-1	3851	3901	4217	3990	4.99	cps
Molybdenum	97-1	2250	2209	2467	2309	6.01	cps
Molybdenum	98-1	6185	5810	5551	5849	5.45	cps
Neodymium	150-1	7	0	0	2	173.21	cps
Neodymium	150-2	0	3	0	1	173.21	cps
Nickel	60-2	167	150	203	173	15.74	cps
Phosphorus	31-2	92	108	117	106	12.06	cps
Potassium	39-2	27460	27668	27117	27415	1.01	cps
Rhodium	103-1	967438	961831	968653	965974	0.38	cps
Rhodium	103-2	462470	467427	485395	471764	2.56	cps
Scandium	45-1	1264746	1261961	1256382	1261030	0.34	cps
Scandium	45-2	51777	52573	54724	53025	2.88	cps
Selenium	77-2	17	7	3	9	78.08	cps
Selenium	78-2	33	33	48	38	22.36	cps
Selenium	82-1	186	165	164	172	7.04	cps
Silicon	28-1	74025	75993	75616	75211	1.39	cps
Silver	109-1	1225	1300	1292	1272	3.23	cps
Silver	107-1	1292	1442	1200	1311	9.31	cps
Sodium	23-2	56599	57159	57394	57051	0.72	cps
Strontium	86-1	500	508	567	525	6.92	cps
Strontium	88-1	4226	4251	3701	4059	7.65	cps
Sulfur	34-1	122071	122643	123432	122715	0.56	cps
Terbium	159-1	1247422	1242235	1235995	1241884	0.46	cps
Terbium	159-2	713585	714409	745611	724535	2.52	cps
Thallium	203-1	1000	850	917	922	8.15	cps
Thallium	205-1	1950	2159	2034	2047	5.12	cps
Thorium	232-1	3601	3473	3667	3580	2.76	cps
Tin	118-1	5076	4793	4451	4773	6.56	cps
Titanium	47-1	1550	1867	1533	1650	11.38	cps
Uranium	238-1	3451	3584	3642	3559	2.76	cps
Vanadium	51-2	2634	2480	2514	2542	3.17	cps
Yttrium	89-1	1346439	1333966	1336125	1338844	0.50	cps
Yttrium	89-2	193325	195926	206389	198547	3.48	cps

LB Number :	LB104231	Operator :	Jaswal
Lab Sample ID :	S02	Instrumnet Name :	P7
Client Sample ID :	S02	Dilution Factor :	1
Date & Time Acquired ::	2019-07-24 12:21:16	DataFile Name :	005CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zinc	66-2	170	177	170	172	2.24	cps
Zirconium	90-1	2542	2475	2500	2506	1.35	cps
Zirconium	91-1	558	450	517	508	10.75	cps

LB Number :	LB104231	Operator :	Jaswal
Lab Sample ID :	S03	Instrumnet Name :	P7
Client Sample ID :	S03	Dilution Factor :	1
Date & Time Acquired ::	2019-07-24 12:25:13	DataFile Name :	006CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	23202	23252	22860	23105	0.92	cps
Antimony	121-1	53972	54891	54314	54392	0.85	cps
Arsenic	75-2	2291	2167	2384	2280	4.77	cps
Barium	135-1	75438	74702	73972	74704	0.98	cps
Barium	137-1	130871	129365	129591	129942	0.63	cps
Beryllium	9-1	40705	41266	41096	41022	0.70	cps
Bismuth	209-1	697378	699673	693920	696990	0.42	cps
Bismuth	209-2	477855	481792	482424	480690	0.52	cps
Boron	10-1	6677	7302	7135	7038	4.60	cps
Boron	11-1	27735	29905	29045	28895	3.78	cps
Cadmium	111-1	14186	14630	14270	14362	1.64	cps
Cadmium	106-1	2342	2275	2317	2311	1.46	cps
Cadmium	108-1	1213	1388	1275	1292	6.87	cps
Calcium	43-1	38417	36930	36989	37446	2.25	cps
Calcium	44-1	601353	602771	600192	601439	0.21	cps
Chromium	52-2	27753	27896	27349	27666	1.03	cps
Cobalt	59-2	35603	35289	35794	35562	0.72	cps
Copper	63-2	42565	42910	42662	42712	0.42	cps
Dysprosium	156-1	0	0	8	3	173.21	cps
Dysprosium	156-2	3	3	7	4	43.40	cps
Erbium	164-1	8	0	0	3	173.21	cps
Erbium	164-2	3	0	7	3	100.05	cps
Gadolinium	160-1	17	17	8	14	34.67	cps
Gadolinium	160-2	13	17	20	17	20.01	cps
Holmium	165-1	1178212	1198598	1192771	1189860	0.88	cps
Holmium	165-2	726536	732276	727041	728618	0.44	cps
Indium	115-1	941443	951519	938572	943845	0.72	cps
Indium	115-2	195172	197307	197573	196684	0.67	cps
Iron	56-2	1011006	1020067	1010812	1013962	0.52	cps
Iron	57-2	25756	25968	25656	25793	0.62	cps
Krypton	83-1	57	63	40	53	22.53	cps
Lead	206-1	38852	38974	39838	39221	1.37	cps
Lead	207-1	35130	34551	35169	34950	0.99	cps
Lead	208-1	157834	157282	159492	158203	0.73	cps
Lithium	6-1	1026653	1030284	1024444	1027127	0.29	cps
Magnesium	24-2	276327	279307	274756	276796	0.84	cps

LB Number :	LB104231	Operator :	Jaswal
Lab Sample ID :	S03	Instrumnet Name :	P7
Client Sample ID :	S03	Dilution Factor :	1
Date & Time Acquired ::	2019-07-24 12:25:13	DataFile Name :	006CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	31323	31915	31384	31541	1.03	cps
Molybdenum	94-1	158166	159169	159060	158798	0.35	cps
Molybdenum	95-1	194153	197084	197491	196243	0.93	cps
Molybdenum	96-1	217255	217256	219092	217868	0.49	cps
Molybdenum	97-1	121985	123835	122800	122873	0.75	cps
Molybdenum	98-1	307285	311546	310738	309857	0.73	cps
Neodymium	150-1	20	7	13	13	49.99	cps
Neodymium	150-2	0	0	0	0	0.00	cps
Nickel	60-2	8423	9133	8793	8783	4.05	cps
Phosphorus	31-2	1400	1325	1525	1417	7.13	cps
Potassium	39-2	121780	123764	124477	123340	1.13	cps
Rhodium	103-1	954605	950413	958924	954647	0.45	cps
Rhodium	103-2	456378	460776	461995	459716	0.64	cps
Scandium	45-1	1254953	1251798	1250187	1252313	0.19	cps
Scandium	45-2	51569	51131	51964	51555	0.81	cps
Selenium	77-2	80	70	70	73	7.87	cps
Selenium	78-2	265	239	274	259	7.04	cps
Selenium	82-1	1509	1527	1539	1525	1.00	cps
Silicon	28-1	152494	156242	152739	153825	1.36	cps
Silver	109-1	68575	69070	67830	68492	0.91	cps
Silver	107-1	72318	70308	70744	71123	1.49	cps
Sodium	23-2	554910	559498	554113	556174	0.52	cps
Strontium	86-1	24847	25014	23428	24430	3.57	cps
Strontium	88-1	208302	207760	205662	207241	0.67	cps
Sulfur	34-1	134451	133223	134552	134076	0.55	cps
Terbium	159-1	1237324	1240010	1246760	1241365	0.39	cps
Terbium	159-2	723580	722790	724204	723525	0.10	cps
Thallium	203-1	45613	46064	45596	45757	0.58	cps
Thallium	205-1	107945	109743	110644	109444	1.26	cps
Thorium	232-1	196315	199059	197845	197740	0.70	cps
Tin	118-1	47130	47339	47272	47247	0.23	cps
Titanium	47-1	81483	81199	80754	81145	0.45	cps
Uranium	238-1	194127	196885	196870	195961	0.81	cps
Vanadium	51-2	24003	23629	23749	23794	0.80	cps
Yttrium	89-1	1342701	1356458	1326528	1341895	1.12	cps
Yttrium	89-2	195842	195527	194488	195285	0.36	cps

LB Number :	LB104231	Operator :	Jaswal
Lab Sample ID :	S03	Instrumnet Name :	P7
Client Sample ID :	S03	Dilution Factor :	1
Date & Time Acquired ::	2019-07-24 12:25:13	DataFile Name :	006CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zinc	66-2	6782	6482	6735	6666	2.42	cps
Zirconium	90-1	131878	136941	131701	133507	2.23	cps
Zirconium	91-1	30341	30659	29431	30144	2.11	cps

LB Number :	LB104231	Operator :	Jaswal
Lab Sample ID :	S04	Instrumnet Name :	P7
Client Sample ID :	S04	Dilution Factor :	1
Date & Time Acquired ::	2019-07-24 12:29:10	DataFile Name :	007CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	53404	52384	53304	53031	1.06	cps
Antimony	121-1	133808	128903	129853	130854	1.99	cps
Arsenic	75-2	5092	5282	4990	5121	2.90	cps
Barium	135-1	184857	183287	181835	183326	0.82	cps
Barium	137-1	323154	317029	318837	319674	0.98	cps
Beryllium	9-1	96282	95069	93918	95090	1.24	cps
Bismuth	209-1	716167	713196	705621	711661	0.76	cps
Bismuth	209-2	473466	475966	473401	474278	0.31	cps
Boron	10-1	16676	16418	16735	16610	1.02	cps
Boron	11-1	67812	67962	66304	67359	1.36	cps
Cadmium	111-1	35144	35580	34579	35101	1.43	cps
Cadmium	106-1	4726	4776	4701	4734	0.81	cps
Cadmium	108-1	2813	2830	3034	2892	4.25	cps
Calcium	43-1	91549	88800	88482	89610	1.88	cps
Calcium	44-1	1424054	1386569	1392803	1401142	1.43	cps
Chromium	52-2	62951	62200	62498	62550	0.60	cps
Cobalt	59-2	81062	81236	80214	80838	0.68	cps
Copper	63-2	97767	97677	96237	97227	0.88	cps
Dysprosium	156-1	8	0	8	6	86.60	cps
Dysprosium	156-2	7	3	7	6	34.70	cps
Erbium	164-1	0	0	8	3	173.21	cps
Erbium	164-2	0	3	0	1	173.21	cps
Gadolinium	160-1	8	8	17	11	43.34	cps
Gadolinium	160-2	20	20	10	17	34.64	cps
Holmium	165-1	1202547	1191828	1180458	1191611	0.93	cps
Holmium	165-2	719229	715208	717912	717449	0.29	cps
Indium	115-1	937209	917549	919908	924888	1.16	cps
Indium	115-2	187220	187769	186364	187118	0.38	cps
Iron	56-2	2290104	2249518	2238584	2259402	1.20	cps
Iron	57-2	57357	56710	57881	57316	1.02	cps
Krypton	83-1	60	37	47	48	24.50	cps
Lead	206-1	98384	96061	98513	97653	1.41	cps
Lead	207-1	87084	87520	85434	86679	1.27	cps
Lead	208-1	397390	397617	392762	395923	0.69	cps
Lithium	6-1	1004007	983538	981649	989732	1.25	cps
Magnesium	24-2	637203	630581	630370	632718	0.61	cps

LB Number :	LB104231	Operator :	Jaswal
Lab Sample ID :	S04	Instrumnet Name :	P7
Client Sample ID :	S04	Dilution Factor :	1
Date & Time Acquired ::	2019-07-24 12:29:10	DataFile Name :	007CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	71674	73040	72658	72457	0.97	cps
Molybdenum	94-1	384453	377849	379454	380586	0.91	cps
Molybdenum	95-1	479046	469894	467259	472066	1.31	cps
Molybdenum	96-1	532997	521007	525572	526525	1.15	cps
Molybdenum	97-1	296654	291395	294853	294301	0.91	cps
Molybdenum	98-1	753291	745607	752732	750543	0.57	cps
Neodymium	150-1	7	20	27	18	57.27	cps
Neodymium	150-2	7	7	0	4	86.60	cps
Nickel	60-2	19720	19340	18916	19325	2.08	cps
Phosphorus	31-2	2875	3142	3225	3081	5.94	cps
Potassium	39-2	276006	273356	273215	274192	0.57	cps
Rhodium	103-1	940996	924447	928740	931394	0.92	cps
Rhodium	103-2	436378	436195	434512	435695	0.24	cps
Scandium	45-1	1228391	1196813	1197714	1207639	1.49	cps
Scandium	45-2	47570	47523	48449	47847	1.09	cps
Selenium	77-2	150	160	193	168	13.53	cps
Selenium	78-2	583	559	543	562	3.65	cps
Selenium	82-1	3737	3677	3607	3674	1.77	cps
Silicon	28-1	280326	277726	276370	278141	0.72	cps
Silver	109-1	168156	165357	162338	165284	1.76	cps
Silver	107-1	176835	170803	173052	173563	1.76	cps
Sodium	23-2	1266491	1259476	1246901	1257622	0.79	cps
Strontium	86-1	59650	58336	59089	59025	1.12	cps
Strontium	88-1	513005	499710	494622	502446	1.89	cps
Sulfur	34-1	142483	142533	144519	143178	0.81	cps
Terbium	159-1	1254842	1246297	1243851	1248330	0.46	cps
Terbium	159-2	713341	715327	713101	713923	0.17	cps
Thallium	203-1	114524	112785	113498	113602	0.77	cps
Thallium	205-1	278709	276219	279929	278286	0.68	cps
Thorium	232-1	516275	509207	508241	511241	0.86	cps
Tin	118-1	115985	112305	114625	114305	1.63	cps
Titanium	47-1	196069	190947	192346	193121	1.37	cps
Uranium	238-1	509309	502782	502710	504934	0.75	cps
Vanadium	51-2	53216	54269	53738	53741	0.98	cps
Yttrium	89-1	1348703	1329093	1321359	1333052	1.06	cps
Yttrium	89-2	183782	185372	182739	183965	0.72	cps

LB Number :	LB104231	Operator :	Jaswal
Lab Sample ID :	S04	Instrumnet Name :	P7
Client Sample ID :	S04	Dilution Factor :	1
Date & Time Acquired ::	2019-07-24 12:29:10	DataFile Name :	007CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zinc	66-2	15455	15462	15562	15493	0.39	cps
Zirconium	90-1	329925	328962	326195	328361	0.59	cps
Zirconium	91-1	73162	72300	71462	72308	1.18	cps

LB Number :	LB104231	Operator :	Jaswal
Lab Sample ID :	S05	Instrumnet Name :	P7
Client Sample ID :	S05	Dilution Factor :	1
Date & Time Acquired ::	2019-07-24 12:33:06	DataFile Name :	008CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	100226	99698	102088	100671	1.25	cps
Antimony	121-1	257063	260290	261593	259649	0.90	cps
Arsenic	75-2	9727	9879	9653	9753	1.18	cps
Barium	135-1	357702	354586	361854	358047	1.02	cps
Barium	137-1	623225	621663	623509	622799	0.16	cps
Beryllium	9-1	177371	176475	175433	176426	0.55	cps
Bismuth	209-1	702786	709638	710726	707717	0.61	cps
Bismuth	209-2	460546	463736	466227	463503	0.61	cps
Boron	10-1	30097	29805	30966	30289	1.99	cps
Boron	11-1	125519	124652	124358	124843	0.48	cps
Cadmium	111-1	68371	67385	66238	67331	1.59	cps
Cadmium	106-1	8553	8803	8528	8628	1.76	cps
Cadmium	108-1	5993	5685	5755	5811	2.78	cps
Calcium	43-1	167936	164428	166527	166297	1.06	cps
Calcium	44-1	2633643	2607992	2615744	2619126	0.50	cps
Chromium	52-2	116398	116331	115880	116203	0.24	cps
Cobalt	59-2	148906	149697	151893	150166	1.03	cps
Copper	63-2	179194	178530	182120	179948	1.06	cps
Dysprosium	156-1	0	0	0	0	0.00	cps
Dysprosium	156-2	3	3	13	7	86.65	cps
Erbium	164-1	0	0	0	0	0.00	cps
Erbium	164-2	0	3	0	1	173.21	cps
Gadolinium	160-1	17	8	0	8	100.02	cps
Gadolinium	160-2	10	7	23	13	66.12	cps
Holmium	165-1	1181480	1195356	1197769	1191535	0.74	cps
Holmium	165-2	701007	708070	711281	706786	0.74	cps
Indium	115-1	881362	884159	890519	885347	0.53	cps
Indium	115-2	175514	177289	179221	177341	1.05	cps
Iron	56-2	4203438	4233733	4255748	4230973	0.62	cps
Iron	57-2	106724	108419	109813	108319	1.43	cps
Krypton	83-1	33	50	40	41	20.41	cps
Lead	206-1	201043	201563	201653	201419	0.16	cps
Lead	207-1	177082	175555	177351	176663	0.55	cps
Lead	208-1	812372	809851	811347	811190	0.16	cps
Lithium	6-1	920914	922060	920862	921279	0.07	cps
Magnesium	24-2	1140892	1151226	1155057	1149058	0.64	cps

LB Number :	LB104231	Operator :	Jaswal
Lab Sample ID :	S05	Instrumnet Name :	P7
Client Sample ID :	S05	Dilution Factor :	1
Date & Time Acquired ::	2019-07-24 12:33:06	DataFile Name :	008CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	134955	136112	136822	135963	0.69	cps
Molybdenum	94-1	729383	735223	731211	731939	0.41	cps
Molybdenum	95-1	900561	904429	906912	903968	0.35	cps
Molybdenum	96-1	1005866	1014740	1008405	1009671	0.45	cps
Molybdenum	97-1	559111	560382	559440	559644	0.12	cps
Molybdenum	98-1	1415009	1421034	1417105	1417716	0.22	cps
Neodymium	150-1	7	20	33	20	66.65	cps
Neodymium	150-2	7	3	7	6	34.70	cps
Nickel	60-2	36201	36044	36760	36335	1.03	cps
Phosphorus	31-2	5493	5551	5351	5465	1.88	cps
Potassium	39-2	502606	503415	510164	505395	0.82	cps
Rhodium	103-1	855908	858091	869143	861047	0.82	cps
Rhodium	103-2	403724	410369	406706	406933	0.82	cps
Scandium	45-1	1099466	1088731	1091273	1093157	0.51	cps
Scandium	45-2	44801	45346	44611	44919	0.85	cps
Selenium	77-2	333	327	320	327	2.04	cps
Selenium	78-2	1022	1030	1063	1038	2.09	cps
Selenium	82-1	7043	6858	7157	7019	2.15	cps
Silicon	28-1	457193	461224	460972	459796	0.49	cps
Silver	109-1	311642	316682	314455	314260	0.80	cps
Silver	107-1	328543	328377	328296	328405	0.04	cps
Sodium	23-2	2324465	2333514	2331153	2329710	0.20	cps
Strontium	86-1	110665	113621	111749	112012	1.33	cps
Strontium	88-1	962537	962649	966279	963821	0.22	cps
Sulfur	34-1	159208	156699	156968	157625	0.87	cps
Terbium	159-1	1230783	1239242	1247982	1239336	0.69	cps
Terbium	159-2	690588	703009	700124	697907	0.93	cps
Thallium	203-1	231856	233825	233970	233217	0.51	cps
Thallium	205-1	567222	575572	575789	572861	0.85	cps
Thorium	232-1	1012310	1019001	1020218	1017176	0.42	cps
Tin	118-1	223426	220598	226601	223542	1.34	cps
Titanium	47-1	360123	353458	351237	354940	1.30	cps
Uranium	238-1	1007407	1005395	1014656	1009153	0.48	cps
Vanadium	51-2	99925	100305	100391	100207	0.25	cps
Yttrium	89-1	1259126	1268136	1270246	1265836	0.47	cps
Yttrium	89-2	171477	173724	174107	173103	0.82	cps

LB Number :	LB104231	Operator :	Jaswal
Lab Sample ID :	S05	Instrumnet Name :	P7
Client Sample ID :	S05	Dilution Factor :	1
Date & Time Acquired ::	2019-07-24 12:33:06	DataFile Name :	008CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zinc	66-2	28388	28408	28782	28526	0.78	cps
Zirconium	90-1	625173	628387	627285	626948	0.26	cps
Zirconium	91-1	139734	141501	139330	140188	0.82	cps

LB Number :	LB104231	Operator :	Jaswal
Lab Sample ID :	S06	Instrumnet Name :	P7
Client Sample ID :	S06	Dilution Factor :	1
Date & Time Acquired ::	2019-07-24 12:37:01	DataFile Name :	009CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	191975	194252	192455	192894	0.62	cps
Antimony	121-1	515598	516679	517416	516564	0.18	cps
Arsenic	75-2	19367	19287	19159	19271	0.54	cps
Barium	135-1	717313	709790	715587	714230	0.55	cps
Barium	137-1	1211361	1206154	1209165	1208893	0.22	cps
Beryllium	9-1	339228	336916	337832	337992	0.34	cps
Bismuth	209-1	719104	716305	721002	718804	0.33	cps
Bismuth	209-2	463643	469805	465735	466395	0.67	cps
Boron	10-1	59359	59543	59669	59524	0.26	cps
Boron	11-1	243965	243772	243591	243776	0.08	cps
Cadmium	111-1	129244	130309	132489	130681	1.27	cps
Cadmium	106-1	16769	17386	16569	16908	2.52	cps
Cadmium	108-1	11463	11476	11642	11527	0.87	cps
Calcium	43-1	319235	321399	321613	320749	0.41	cps
Calcium	44-1	5114662	5132970	5133632	5127088	0.21	cps
Chromium	52-2	227750	232323	229101	229725	1.02	cps
Cobalt	59-2	293274	298725	294818	295605	0.95	cps
Copper	63-2	351100	355619	351618	352779	0.70	cps
Dysprosium	156-1	0	17	8	8	100.02	cps
Dysprosium	156-2	23	10	17	17	39.99	cps
Erbium	164-1	0	8	0	3	173.21	cps
Erbium	164-2	3	3	0	2	86.60	cps
Gadolinium	160-1	17	17	8	14	34.67	cps
Gadolinium	160-2	13	20	27	20	33.35	cps
Holmium	165-1	1229328	1213891	1217950	1220390	0.66	cps
Holmium	165-2	718043	723636	719051	720243	0.41	cps
Indium	115-1	882335	883152	883467	882985	0.07	cps
Indium	115-2	173467	178577	176688	176244	1.47	cps
Iron	56-2	8344922	8415911	8313109	8357981	0.63	cps
Iron	57-2	212509	214291	211168	212656	0.74	cps
Krypton	83-1	50	43	40	44	11.46	cps
Lead	206-1	397752	393441	394905	395366	0.55	cps
Lead	207-1	358529	352407	357204	356047	0.90	cps
Lead	208-1	1645596	1622233	1643788	1637206	0.79	cps
Lithium	6-1	915783	901808	897130	904907	1.07	cps
Magnesium	24-2	2235477	2259123	2224666	2239755	0.79	cps

LB Number :	LB104231	Operator :	Jaswal
Lab Sample ID :	S06	Instrumnet Name :	P7
Client Sample ID :	S06	Dilution Factor :	1
Date & Time Acquired ::	2019-07-24 12:37:01	DataFile Name :	009CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	267257	269789	269241	268762	0.50	cps
Molybdenum	94-1	1432512	1415621	1421530	1423221	0.60	cps
Molybdenum	95-1	1775650	1766368	1770450	1770823	0.26	cps
Molybdenum	96-1	1974907	1967068	1977586	1973187	0.28	cps
Molybdenum	97-1	1068445	1072134	1065747	1068776	0.30	cps
Molybdenum	98-1	2801677	2801868	2789358	2797634	0.26	cps
Neodymium	150-1	60	27	67	51	41.93	cps
Neodymium	150-2	10	10	0	7	86.60	cps
Nickel	60-2	71363	71895	70173	71144	1.24	cps
Phosphorus	31-2	10679	10938	11371	10996	3.18	cps
Potassium	39-2	980796	990545	995039	988793	0.74	cps
Rhodium	103-1	843249	844775	840086	842703	0.28	cps
Rhodium	103-2	402420	411591	405453	406488	1.15	cps
Scandium	45-1	1087048	1081404	1082906	1083786	0.27	cps
Scandium	45-2	44821	45206	45289	45105	0.55	cps
Selenium	77-2	623	710	543	626	13.33	cps
Selenium	78-2	2096	2080	2002	2059	2.45	cps
Selenium	82-1	14015	14072	13847	13978	0.84	cps
Silicon	28-1	843117	846309	849605	846343	0.38	cps
Silver	109-1	611631	606850	619149	612544	1.01	cps
Silver	107-1	645662	640016	642502	642726	0.44	cps
Sodium	23-2	4627860	4664265	4609987	4634037	0.60	cps
Strontium	86-1	221930	221766	222691	222129	0.22	cps
Strontium	88-1	1851668	1849655	1851371	1850898	0.06	cps
Sulfur	34-1	217599	217210	214362	216390	0.82	cps
Terbium	159-1	1269243	1267880	1261658	1266260	0.32	cps
Terbium	159-2	705395	715954	715004	712118	0.82	cps
Thallium	203-1	473158	467147	475609	471972	0.92	cps
Thallium	205-1	1127234	1123045	1131173	1127151	0.36	cps
Thorium	232-1	2097144	2071231	2063931	2077436	0.84	cps
Tin	118-1	439795	445884	447185	444288	0.89	cps
Titanium	47-1	685671	689975	694600	690082	0.65	cps
Uranium	238-1	2076536	2058859	2059284	2064893	0.49	cps
Vanadium	51-2	198282	200165	195458	197968	1.20	cps
Yttrium	89-1	1248685	1246714	1250413	1248604	0.15	cps
Yttrium	89-2	173888	177063	173358	174770	1.15	cps

LB Number :	LB104231	Operator :	Jaswal
Lab Sample ID :	S06	Instrumnet Name :	P7
Client Sample ID :	S06	Dilution Factor :	1
Date & Time Acquired ::	2019-07-24 12:37:01	DataFile Name :	009CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zinc	66-2	57279	57105	56422	56935	0.80	cps
Zirconium	90-1	1222181	1217895	1229205	1223094	0.47	cps
Zirconium	91-1	278242	273411	275462	275705	0.88	cps

LB Number :	LB104231	Operator :	Jaswal
Lab Sample ID :	S07	Instrumnet Name :	P7
Client Sample ID :	S07	Dilution Factor :	1
Date & Time Acquired ::	2019-07-24 12:40:54	DataFile Name :	010CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	395563	390842	391236	392547	0.67	cps
Antimony	121-1	1019222	1022333	1025683	1022413	0.32	cps
Arsenic	75-2	38993	39325	39242	39187	0.44	cps
Barium	135-1	1397412	1391442	1386838	1391897	0.38	cps
Barium	137-1	2408906	2430145	2417899	2418984	0.44	cps
Beryllium	9-1	644210	646531	645721	645487	0.18	cps
Bismuth	209-1	695637	696309	695604	695850	0.06	cps
Bismuth	209-2	463987	461627	464475	463363	0.33	cps
Boron	10-1	118403	117202	116186	117264	0.95	cps
Boron	11-1	474422	486216	482712	481117	1.26	cps
Cadmium	111-1	266453	273519	271417	270463	1.34	cps
Cadmium	106-1	34092	34752	35345	34730	1.81	cps
Cadmium	108-1	22773	22806	23119	22899	0.83	cps
Calcium	43-1	633381	635272	636840	635165	0.27	cps
Calcium	44-1	10243296	10345665	10289443	10292801	0.50	cps
Chromium	52-2	463664	467459	464377	465167	0.43	cps
Cobalt	59-2	590378	596045	592296	592906	0.49	cps
Copper	63-2	755034	758283	757237	756851	0.22	cps
Dysprosium	156-1	50	33	25	36	35.25	cps
Dysprosium	156-2	33	20	30	28	24.98	cps
Erbium	164-1	8	0	0	3	173.21	cps
Erbium	164-2	3	0	3	2	86.60	cps
Gadolinium	160-1	8	17	8	11	43.34	cps
Gadolinium	160-2	27	37	23	29	24.03	cps
Holmium	165-1	1248287	1263435	1256872	1256198	0.60	cps
Holmium	165-2	731533	736750	739878	736054	0.57	cps
Indium	115-1	874852	882365	877685	878301	0.43	cps
Indium	115-2	175074	176119	176871	176022	0.51	cps
Iron	56-2	17022119	17045585	16743624	16937109	0.99	cps
Iron	57-2	426898	430759	427841	428499	0.47	cps
Krypton	83-1	40	43	40	41	4.68	cps
Lead	206-1	780591	785179	775698	780489	0.61	cps
Lead	207-1	701679	707249	701251	703393	0.48	cps
Lead	208-1	3124535	3146450	3113708	3128231	0.53	cps
Lithium	6-1	901822	910177	905028	905676	0.47	cps
Magnesium	24-2	4570951	4550430	4535779	4552387	0.39	cps

LB Number :	LB104231	Operator :	Jaswal
Lab Sample ID :	S07	Instrumnet Name :	P7
Client Sample ID :	S07	Dilution Factor :	1
Date & Time Acquired ::	2019-07-24 12:40:54	DataFile Name :	010CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	539547	546243	542159	542650	0.62	cps
Molybdenum	94-1	2878281	2868599	2875519	2874133	0.17	cps
Molybdenum	95-1	3572607	3554145	3560892	3562548	0.26	cps
Molybdenum	96-1	3941409	3967807	3964812	3958009	0.37	cps
Molybdenum	97-1	2143103	2166514	2162176	2157264	0.58	cps
Molybdenum	98-1	5635039	5651133	5628635	5638269	0.21	cps
Neodymium	150-1	147	107	67	107	37.50	cps
Neodymium	150-2	23	17	20	20	16.65	cps
Nickel	60-2	140704	143069	141952	141908	0.83	cps
Phosphorus	31-2	21424	21959	22326	21903	2.07	cps
Potassium	39-2	1994879	1978679	1981916	1985158	0.43	cps
Rhodium	103-1	832272	837961	837625	835953	0.38	cps
Rhodium	103-2	407882	409040	410769	409230	0.36	cps
Scandium	45-1	1094728	1094268	1108876	1099291	0.76	cps
Scandium	45-2	45620	46881	46710	46404	1.47	cps
Selenium	77-2	1267	1197	1180	1215	3.79	cps
Selenium	78-2	4130	4143	4025	4099	1.59	cps
Selenium	82-1	26784	27128	27066	26992	0.68	cps
Silicon	28-1	1482426	1501603	1513977	1499335	1.06	cps
Silver	109-1	1233508	1236412	1247256	1239059	0.58	cps
Silver	107-1	1291536	1298479	1288471	1292829	0.40	cps
Sodium	23-2	9457030	9391093	9402589	9416904	0.37	cps
Strontium	86-1	441761	441460	440366	441196	0.17	cps
Strontium	88-1	3725166	3739698	3733648	3732837	0.20	cps
Sulfur	34-1	332105	333084	331354	332181	0.26	cps
Terbium	159-1	1300771	1299122	1291305	1297066	0.39	cps
Terbium	159-2	721645	724794	730675	725705	0.63	cps
Thallium	203-1	945098	962274	947077	951483	0.99	cps
Thallium	205-1	2231141	2242147	2231856	2235048	0.28	cps
Thorium	232-1	4176056	4185014	4147938	4169670	0.46	cps
Tin	118-1	880821	888231	868669	879240	1.12	cps
Titanium	47-1	1355740	1357962	1356756	1356819	0.08	cps
Uranium	238-1	4149472	4131763	4131044	4137426	0.25	cps
Vanadium	51-2	404535	407775	403874	405395	0.52	cps
Yttrium	89-1	1266558	1264886	1275450	1268965	0.45	cps
Yttrium	89-2	179577	179682	181180	180146	0.50	cps

LB Number :	LB104231	Operator :	Jaswal
Lab Sample ID :	S07	Instrumnet Name :	P7
Client Sample ID :	S07	Dilution Factor :	1
Date & Time Acquired ::	2019-07-24 12:40:54	DataFile Name :	010CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zinc	66-2	121843	122848	121177	121956	0.69	cps
Zirconium	90-1	2404758	2424809	2406613	2412060	0.46	cps
Zirconium	91-1	528101	532713	533447	531420	0.55	cps

LB Number :	LB104231	Operator :	Jaswal
Lab Sample ID :	S08	Instrumnet Name :	P7
Client Sample ID :	S08	Dilution Factor :	1
Date & Time Acquired ::	2019-07-24 12:45:05	DataFile Name :	011CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	1888524	1907370	1922041	1905978	0.88	cps
Antimony	121-1	1425	1592	1417	1478	6.68	cps
Arsenic	75-2	50	46	50	49	4.38	cps
Barium	135-1	158	133	142	144	8.81	cps
Barium	137-1	292	250	225	256	13.18	cps
Beryllium	9-1	77	77	77	77	0.00	cps
Bismuth	209-1	583820	582464	579498	581927	0.38	cps
Bismuth	209-2	390236	392978	390477	391230	0.39	cps
Boron	10-1	7202	6126	6302	6543	8.82	cps
Boron	11-1	28252	24821	24729	25934	7.74	cps
Cadmium	111-1	94	94	129	106	19.24	cps
Cadmium	106-1	400	408	500	436	12.72	cps
Cadmium	108-1	4	0	0	1	173.21	cps
Calcium	43-1	2946755	2960250	2974604	2960536	0.47	cps
Calcium	44-1	48857567	48761801	49024108	48881159	0.27	cps
Chromium	52-2	6642	6505	6575	6574	1.04	cps
Cobalt	59-2	6835	6805	7005	6882	1.57	cps
Copper	63-2	1063	897	1010	990	8.60	cps
Dysprosium	156-1	8	17	0	8	100.02	cps
Dysprosium	156-2	3	3	3	3	0.00	cps
Erbium	164-1	17	0	8	8	100.02	cps
Erbium	164-2	3	3	10	6	69.34	cps
Gadolinium	160-1	8	0	17	8	100.02	cps
Gadolinium	160-2	20	30	17	22	31.22	cps
Holmium	165-1	1130105	1143425	1130825	1134785	0.66	cps
Holmium	165-2	682395	686249	685685	684776	0.30	cps
Indium	115-1	791661	782915	786266	786947	0.56	cps
Indium	115-2	170006	170682	171163	170617	0.34	cps
Iron	56-2	81623741	82166563	82490149	82093484	0.53	cps
Iron	57-2	2076735	2075665	2098317	2083572	0.61	cps
Krypton	83-1	37	33	50	40	22.05	cps
Lead	206-1	478	556	511	515	7.58	cps
Lead	207-1	422	444	439	435	2.66	cps
Lead	208-1	1950	2217	2150	2106	6.59	cps
Lithium	6-1	839579	842373	851660	844537	0.75	cps
Magnesium	24-2	22467221	22657373	22706518	22610371	0.56	cps

LB Number :	LB104231	Operator :	Jaswal
Lab Sample ID :	S08	Instrumnet Name :	P7
Client Sample ID :	S08	Dilution Factor :	1
Date & Time Acquired ::	2019-07-24 12:45:05	DataFile Name :	011CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	2117	2067	2050	2078	1.67	cps
Molybdenum	94-1	1217	1200	1292	1236	3.95	cps
Molybdenum	95-1	1700	1625	1734	1686	3.29	cps
Molybdenum	96-1	3025	2775	2867	2889	4.38	cps
Molybdenum	97-1	1008	967	1017	997	2.69	cps
Molybdenum	98-1	2667	2784	2634	2695	2.92	cps
Neodymium	150-1	13	33	33	27	43.31	cps
Neodymium	150-2	10	10	7	9	21.63	cps
Nickel	60-2	2384	2387	2504	2425	2.82	cps
Phosphorus	31-2	75	33	33	47	50.94	cps
Potassium	39-2	10079167	10099328	10190591	10123028	0.59	cps
Rhodium	103-1	733887	733984	739417	735763	0.43	cps
Rhodium	103-2	364752	365568	367076	365799	0.32	cps
Scandium	45-1	1080928	1073030	1082313	1078757	0.46	cps
Scandium	45-2	46115	46459	47409	46661	1.44	cps
Selenium	77-2	7	0	0	2	173.21	cps
Selenium	78-2	11	11	22	15	43.30	cps
Selenium	82-1	42	51	30	41	24.94	cps
Silicon	28-1	94799	93685	92611	93698	1.17	cps
Silver	109-1	75	75	75	75	0.00	cps
Silver	107-1	92	58	75	75	22.22	cps
Sodium	23-2	46305141	46694714	47017874	46672576	0.76	cps
Strontium	86-1	1600	1834	2017	1817	11.50	cps
Strontium	88-1	15109	14408	14449	14655	2.68	cps
Sulfur	34-1	86533	84648	84950	85377	1.19	cps
Terbium	159-1	1171277	1179415	1183610	1178101	0.53	cps
Terbium	159-2	674335	678158	674888	675794	0.31	cps
Thallium	203-1	275	200	167	214	25.94	cps
Thallium	205-1	533	442	533	503	10.53	cps
Thorium	232-1	1406	1161	900	1156	21.88	cps
Tin	118-1	492	400	208	367	39.43	cps
Titanium	47-1	358	325	267	317	14.65	cps
Uranium	238-1	125	75	75	92	31.50	cps
Vanadium	51-2	27	80	50	52	51.19	cps
Yttrium	89-1	1176672	1180818	1186173	1181221	0.40	cps
Yttrium	89-2	176722	177167	177785	177225	0.30	cps

LB Number :	LB104231	Operator :	Jaswal
Lab Sample ID :	S08	Instrumnet Name :	P7
Client Sample ID :	S08	Dilution Factor :	1
Date & Time Acquired ::	2019-07-24 12:45:05	DataFile Name :	011CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zinc	66-2	1143	1103	1183	1143	3.50	cps
Zirconium	90-1	658	667	542	622	11.23	cps
Zirconium	91-1	192	183	142	172	15.55	cps

LB Number :	LB104231	Operator :	Jaswal
Lab Sample ID :	ICV	Instrumnet Name :	P7
Client Sample ID :	ICV	Dilution Factor :	1
Date & Time Acquired ::	2019-07-24 12:51:56	DataFile Name :	012ICV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	10304	9962	9720	9995	2.93	cps
Antimony	121-1	200563	196296	195685	197515	1.35	cps
Arsenic	75-2	8100	8269	8150	8173	1.06	cps
Barium	135-1	28731	27461	27704	27965	2.41	cps
Barium	137-1	48377	47908	47131	47805	1.32	cps
Beryllium	9-1	69069	68099	68001	68390	0.86	cps
Bismuth	209-1	739769	731177	723420	731455	1.12	cps
Bismuth	209-2	495471	490752	494592	493605	0.51	cps
Boron	10-1	2550	2609	2392	2517	4.46	cps
Boron	11-1	10070	9603	9437	9703	3.39	cps
Cadmium	111-1	26150	26272	25446	25956	1.72	cps
Cadmium	106-1	2584	2759	2842	2728	4.83	cps
Cadmium	108-1	2342	2342	2354	2346	0.31	cps
Calcium	43-1	13440	13415	13181	13345	1.07	cps
Calcium	44-1	219573	218915	214528	217672	1.26	cps
Chromium	52-2	48122	47597	47593	47771	0.64	cps
Cobalt	59-2	63058	62663	62252	62658	0.64	cps
Copper	63-2	37435	37759	37695	37629	0.46	cps
Dysprosium	156-1	0	0	0	0	0.00	cps
Dysprosium	156-2	0	0	0	0	0.00	cps
Erbium	164-1	0	17	25	14	91.65	cps
Erbium	164-2	10	10	3	8	49.52	cps
Gadolinium	160-1	8	8	8	8	0.00	cps
Gadolinium	160-2	37	40	23	33	26.47	cps
Holmium	165-1	1249973	1237029	1247066	1244689	0.55	cps
Holmium	165-2	740499	742222	736890	739870	0.37	cps
Indium	115-1	935488	938306	931899	935231	0.34	cps
Indium	115-2	194608	195209	195736	195184	0.29	cps
Iron	56-2	374071	369854	365450	369792	1.17	cps
Iron	57-2	9181	9359	9003	9181	1.94	cps
Krypton	83-1	80	57	43	60	30.93	cps
Lead	206-1	152577	151688	149526	151264	1.04	cps
Lead	207-1	136426	132606	131594	133542	1.91	cps
Lead	208-1	619915	606704	605274	610631	1.32	cps
Lithium	6-1	1005960	995352	985882	995731	1.01	cps
Magnesium	24-2	62113	61820	59268	61067	2.56	cps

LB Number :	LB104231	Operator :	Jaswal
Lab Sample ID :	ICV	Instrumnet Name :	P7
Client Sample ID :	ICV	Dilution Factor :	1
Date & Time Acquired ::	2019-07-24 12:51:56	DataFile Name :	012ICV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	28194	27953	27082	27743	2.11	cps
Molybdenum	94-1	950262	937334	928897	938831	1.15	cps
Molybdenum	95-1	1686843	1682377	1670990	1680070	0.49	cps
Molybdenum	96-1	1811173	1795157	1792853	1799727	0.55	cps
Molybdenum	97-1	1005778	983476	986729	991994	1.21	cps
Molybdenum	98-1	2676887	2653065	2645535	2658496	0.62	cps
Neodymium	150-1	13	0	13	9	86.60	cps
Neodymium	150-2	0	0	0	0	0.00	cps
Nickel	60-2	15235	15682	15318	15412	1.54	cps
Phosphorus	31-2	8	42	42	31	62.99	cps
Potassium	39-2	91708	89873	89930	90504	1.15	cps
Rhodium	103-1	927089	920230	918875	922065	0.48	cps
Rhodium	103-2	453843	453650	453183	453558	0.07	cps
Scandium	45-1	1236781	1222803	1208943	1222842	1.14	cps
Scandium	45-2	50305	50362	50192	50286	0.17	cps
Selenium	77-2	270	243	287	267	8.20	cps
Selenium	78-2	802	839	787	809	3.30	cps
Selenium	82-1	5606	5388	5449	5481	2.06	cps
Silicon	28-1	61610	63218	64408	63079	2.23	cps
Silver	109-1	116923	113906	112840	114556	1.85	cps
Silver	107-1	121586	116057	119484	119042	2.34	cps
Sodium	23-2	210726	206965	207525	208405	0.97	cps
Strontium	86-1	1042	1050	1025	1039	1.23	cps
Strontium	88-1	8978	9028	8870	8959	0.90	cps
Sulfur	34-1	96285	96234	93677	95398	1.56	cps
Terbium	159-1	1302812	1294949	1307574	1301778	0.49	cps
Terbium	159-2	732376	735813	736939	735042	0.32	cps
Thallium	203-1	181914	176974	177302	178730	1.55	cps
Thallium	205-1	446464	434916	436290	439223	1.44	cps
Thorium	232-1	533	600	583	572	6.06	cps
Tin	118-1	125	75	175	125	40.00	cps
Titanium	47-1	716349	703977	699894	706740	1.21	cps
Uranium	238-1	42	25	8	25	66.68	cps
Vanadium	51-2	41599	41946	41258	41601	0.83	cps
Yttrium	89-1	1349613	1353204	1333205	1345341	0.79	cps
Yttrium	89-2	191057	190941	191138	191045	0.05	cps

LB Number :	LB104231	Operator :	Jaswal
Lab Sample ID :	ICV	Instrumnet Name :	P7
Client Sample ID :	ICV	Dilution Factor :	1
Date & Time Acquired ::	2019-07-24 12:51:56	DataFile Name :	012ICV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zinc	66-2	12015	11555	11535	11701	2.32	cps
Zirconium	90-1	625	717	525	622	15.41	cps
Zirconium	91-1	150	183	125	153	19.15	cps

LB Number : LB104231 Operator : Jaswal
 Lab Sample ID : ICB Instrumnet Name : P7
 Client Sample ID : ICB Dilution Factor : 1
 Date & Time Acquired :: 2019-07-24 13:02:16 DataFile Name : 014CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	8	0	8	6	86.60	cps
Antimony	121-1	100	167	150	139	24.98	cps
Arsenic	75-2	0	0	6	2	173.21	cps
Barium	135-1	0	0	0	0	0.00	cps
Barium	137-1	8	0	0	3	173.21	cps
Beryllium	9-1	50	33	37	40	22.05	cps
Bismuth	209-1	720456	721422	712320	718066	0.70	cps
Bismuth	209-2	478118	481788	471765	477223	1.06	cps
Boron	10-1	1242	975	933	1050	15.93	cps
Boron	11-1	4301	4217	4109	4209	2.28	cps
Cadmium	111-1	82	82	92	85	6.65	cps
Cadmium	106-1	433	425	458	439	3.95	cps
Cadmium	108-1	13	17	0	10	89.22	cps
Calcium	43-1	25	17	33	25	33.32	cps
Calcium	44-1	2617	2325	2175	2373	9.47	cps
Chromium	52-2	147	157	150	151	3.37	cps
Cobalt	59-2	3	13	0	6	124.93	cps
Copper	63-2	67	70	77	71	7.16	cps
Dysprosium	156-1	0	8	0	3	173.21	cps
Dysprosium	156-2	0	0	0	0	0.00	cps
Erbium	164-1	0	0	0	0	0.00	cps
Erbium	164-2	0	3	3	2	86.60	cps
Gadolinium	160-1	17	8	0	8	100.02	cps
Gadolinium	160-2	17	43	20	27	54.47	cps
Holmium	165-1	1224636	1231715	1224604	1226985	0.33	cps
Holmium	165-2	720207	721829	716089	719375	0.41	cps
Indium	115-1	916983	910854	903525	910454	0.74	cps
Indium	115-2	188199	188769	187526	188165	0.33	cps
Iron	56-2	783	844	817	815	3.76	cps
Iron	57-2	39	44	44	43	7.54	cps
Krypton	83-1	33	33	43	37	15.75	cps
Lead	206-1	50	44	39	44	12.50	cps
Lead	207-1	89	67	44	67	33.33	cps
Lead	208-1	222	217	167	202	15.16	cps
Lithium	6-1	978423	976939	974344	976569	0.21	cps
Magnesium	24-2	50	42	33	42	20.00	cps

LB Number : LB104231 Operator : Jaswal
 Lab Sample ID : ICB Instrumnet Name : P7
 Client Sample ID : ICB Dilution Factor : 1
 Date & Time Acquired :: 2019-07-24 13:02:16 DataFile Name : 014CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	3	7	10	7	50.03	cps
Molybdenum	94-1	92	125	83	100	22.05	cps
Molybdenum	95-1	183	117	158	153	22.04	cps
Molybdenum	96-1	142	183	200	175	17.17	cps
Molybdenum	97-1	92	100	83	92	9.09	cps
Molybdenum	98-1	183	183	167	178	5.41	cps
Neodymium	150-1	0	0	0	0	0.00	cps
Neodymium	150-2	0	0	0	0	0.00	cps
Nickel	60-2	7	7	3	6	34.70	cps
Phosphorus	31-2	58	33	75	56	37.75	cps
Potassium	39-2	3684	3717	3767	3723	1.13	cps
Rhodium	103-1	923778	917256	915960	918998	0.46	cps
Rhodium	103-2	440269	441666	441141	441025	0.16	cps
Scandium	45-1	1180959	1179752	1185991	1182234	0.28	cps
Scandium	45-2	49415	50011	48857	49428	1.17	cps
Selenium	77-2	0	0	0	0	0.00	cps
Selenium	78-2	17	11	15	14	19.94	cps
Selenium	82-1	38	28	16	28	40.67	cps
Silicon	28-1	53161	53380	52961	53167	0.39	cps
Silver	109-1	8	0	17	8	100.02	cps
Silver	107-1	17	0	33	17	99.99	cps
Sodium	23-2	4151	4217	4367	4245	2.61	cps
Strontium	86-1	75	83	83	81	5.98	cps
Strontium	88-1	25	8	17	17	50.01	cps
Sulfur	34-1	95672	95421	96780	95958	0.75	cps
Terbium	159-1	1277517	1282842	1293290	1284550	0.62	cps
Terbium	159-2	705332	711100	700289	705574	0.77	cps
Thallium	203-1	100	58	58	72	33.31	cps
Thallium	205-1	158	167	250	192	26.45	cps
Thorium	232-1	83	89	61	78	18.90	cps
Tin	118-1	58	83	117	86	33.98	cps
Titanium	47-1	8	50	50	36	66.62	cps
Uranium	238-1	0	0	0	0	0.00	cps
Vanadium	51-2	7	0	0	2	173.21	cps
Yttrium	89-1	1314932	1319981	1337429	1324114	0.89	cps
Yttrium	89-2	184902	185349	185578	185276	0.19	cps

LB Number :	LB104231	Operator :	Jaswal
Lab Sample ID :	ICB	Instrumnet Name :	P7
Client Sample ID :	ICB	Dilution Factor :	1
Date & Time Acquired ::	2019-07-24 13:02:16	DataFile Name :	014CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zinc	66-2	33	23	40	32	26.04	cps
Zirconium	90-1	67	117	58	81	39.16	cps
Zirconium	91-1	0	33	25	19	89.21	cps

LB Number :	LB104231	Operator :	Jaswal
Lab Sample ID :	ICSA	Instrumnet Name :	P7
Client Sample ID :	ICSA	Dilution Factor :	1
Date & Time Acquired ::	2019-07-24 13:05:53	DataFile Name :	015ICSA.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	1787640	1804261	1787479	1793127	0.54	cps
Antimony	121-1	1358	1000	1092	1150	16.19	cps
Arsenic	75-2	11	17	7	12	39.74	cps
Barium	135-1	433	383	508	442	14.24	cps
Barium	137-1	783	833	742	786	5.84	cps
Beryllium	9-1	243	233	280	252	9.74	cps
Bismuth	209-1	698714	679714	685775	688068	1.41	cps
Bismuth	209-2	449458	453962	459904	454441	1.15	cps
Boron	10-1	1000	1092	1067	1053	4.50	cps
Boron	11-1	4734	4192	4259	4395	6.72	cps
Cadmium	111-1	248	322	253	274	15.09	cps
Cadmium	106-1	417	392	425	411	4.22	cps
Cadmium	108-1	325	283	338	315	9.00	cps
Calcium	43-1	647918	642047	631687	640551	1.28	cps
Calcium	44-1	10612434	10543674	10602745	10586284	0.35	cps
Chromium	52-2	9567	9797	9723	9696	1.21	cps
Cobalt	59-2	860	797	713	790	9.31	cps
Copper	63-2	2890	2917	2724	2844	3.69	cps
Dysprosium	156-1	8	25	8	14	69.31	cps
Dysprosium	156-2	0	7	0	2	173.21	cps
Erbium	164-1	25	0	33	19	89.21	cps
Erbium	164-2	3	3	3	3	0.00	cps
Gadolinium	160-1	8	25	8	14	69.31	cps
Gadolinium	160-2	30	33	30	31	6.18	cps
Holmium	165-1	1273645	1265467	1271627	1270247	0.34	cps
Holmium	165-2	728210	736392	745347	736650	1.16	cps
Indium	115-1	893517	881502	878151	884390	0.91	cps
Indium	115-2	179387	183331	183749	182156	1.32	cps
Iron	56-2	35181581	35446933	35359917	35329477	0.38	cps
Iron	57-2	896551	902607	908344	902501	0.65	cps
Krypton	83-1	30	47	50	42	25.38	cps
Lead	206-1	3740	3856	3862	3819	1.81	cps
Lead	207-1	2923	2661	2845	2810	4.77	cps
Lead	208-1	14409	13459	14276	14048	3.66	cps
Lithium	6-1	959016	945655	943567	949413	0.88	cps
Magnesium	24-2	4808074	4846509	4835226	4829936	0.41	cps

LB Number : LB104231 Operator : Jaswal
 Lab Sample ID : ICSA Instrumnet Name : P7
 Client Sample ID : ICSA Dilution Factor : 1
 Date & Time Acquired :: 2019-07-24 13:05:53 DataFile Name : 015ICSA.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	2187	2224	2264	2225	1.72	cps
Molybdenum	94-1	759796	742966	741982	748248	1.34	cps
Molybdenum	95-1	1343040	1336266	1345185	1341497	0.35	cps
Molybdenum	96-1	1450521	1429719	1445411	1441884	0.75	cps
Molybdenum	97-1	798296	775242	781395	784978	1.52	cps
Molybdenum	98-1	2131952	2116308	2130378	2126213	0.41	cps
Neodymium	150-1	20	7	0	9	114.55	cps
Neodymium	150-2	0	3	3	2	86.60	cps
Nickel	60-2	790	847	860	832	4.47	cps
Phosphorus	31-2	107008	110079	109558	108881	1.51	cps
Potassium	39-2	4188321	4191803	4207420	4195848	0.24	cps
Rhodium	103-1	847292	840556	838437	842095	0.55	cps
Rhodium	103-2	407154	413348	415880	412128	1.09	cps
Scandium	45-1	1138300	1150995	1134763	1141353	0.75	cps
Scandium	45-2	48081	48275	48904	48420	0.89	cps
Selenium	77-2	3	0	0	1	173.21	cps
Selenium	78-2	19	19	24	20	15.73	cps
Selenium	82-1	43	31	18	31	40.75	cps
Silicon	28-1	89803	91463	92402	91222	1.44	cps
Silver	109-1	25	67	50	47	44.41	cps
Silver	107-1	25	33	58	39	44.62	cps
Sodium	23-2	10009009	10043694	10069406	10040703	0.30	cps
Strontium	86-1	15534	15734	15159	15476	1.89	cps
Strontium	88-1	130514	128051	129195	129253	0.95	cps
Sulfur	34-1	1319768	1306456	1307716	1311313	0.56	cps
Terbium	159-1	1322909	1303228	1313014	1313050	0.75	cps
Terbium	159-2	713851	727737	733517	725035	1.39	cps
Thallium	203-1	108	100	150	119	22.43	cps
Thallium	205-1	233	292	350	292	20.00	cps
Thorium	232-1	83	72	111	89	22.54	cps
Tin	118-1	217	233	233	228	4.23	cps
Titanium	47-1	581071	571064	568719	573618	1.14	cps
Uranium	238-1	50	83	58	64	27.15	cps
Vanadium	51-2	80	77	70	76	6.74	cps
Yttrium	89-1	1313626	1308760	1292368	1304918	0.85	cps
Yttrium	89-2	183781	184399	186083	184754	0.64	cps

LB Number :	LB104231	Operator :	Jaswal
Lab Sample ID :	ICSA	Instrumnet Name :	P7
Client Sample ID :	ICSA	Dilution Factor :	1
Date & Time Acquired ::	2019-07-24 13:05:53	DataFile Name :	015ICSA.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zinc	66-2	903	820	873	866	4.88	cps
Zirconium	90-1	117	167	133	139	18.33	cps
Zirconium	91-1	0	33	25	19	89.21	cps

LB Number :	LB104231	Operator :	Jaswal
Lab Sample ID :	ICSAB	Instrumnet Name :	P7
Client Sample ID :	ICSAB	Dilution Factor :	1
Date & Time Acquired ::	2019-07-24 13:09:30	DataFile Name :	016ICSB.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	1837963	1827815	1839081	1834953	0.34	cps
Antimony	121-1	21592	21434	21759	21595	0.75	cps
Arsenic	75-2	744	898	757	800	10.66	cps
Barium	135-1	6110	6118	6193	6140	0.75	cps
Barium	137-1	11105	10955	10212	10757	4.44	cps
Beryllium	9-1	13756	13977	13806	13846	0.83	cps
Bismuth	209-1	704460	703726	698233	702140	0.48	cps
Bismuth	209-2	452151	461991	462731	458958	1.29	cps
Boron	10-1	7661	7952	7694	7769	2.06	cps
Boron	11-1	31859	30941	31575	31458	1.49	cps
Cadmium	111-1	5157	5161	5045	5121	1.28	cps
Cadmium	106-1	1350	1100	1258	1236	10.23	cps
Cadmium	108-1	854	883	808	849	4.45	cps
Calcium	43-1	662763	655181	658171	658705	0.58	cps
Calcium	44-1	10830850	10893637	10991312	10905266	0.74	cps
Chromium	52-2	19573	19800	19817	19730	0.69	cps
Cobalt	59-2	13436	13213	13260	13303	0.89	cps
Copper	63-2	10117	10457	10160	10245	1.81	cps
Dysprosium	156-1	17	0	17	11	86.60	cps
Dysprosium	156-2	0	0	0	0	0.00	cps
Erbium	164-1	17	33	33	28	34.63	cps
Erbium	164-2	3	3	3	3	0.00	cps
Gadolinium	160-1	8	8	17	11	43.34	cps
Gadolinium	160-2	37	23	30	30	22.23	cps
Holmium	165-1	1274269	1300958	1288270	1287832	1.04	cps
Holmium	165-2	737932	749174	750402	745836	0.92	cps
Indium	115-1	903488	898119	900209	900605	0.30	cps
Indium	115-2	180505	184262	185284	183350	1.37	cps
Iron	56-2	36030004	35811415	35892004	35911141	0.31	cps
Iron	57-2	920833	922846	921910	921863	0.11	cps
Krypton	83-1	50	37	33	40	22.05	cps
Lead	206-1	19721	20004	20494	20073	1.95	cps
Lead	207-1	16583	16416	16628	16542	0.67	cps
Lead	208-1	77808	77412	77194	77471	0.40	cps
Lithium	6-1	954078	953592	948802	952157	0.31	cps
Magnesium	24-2	4929714	4933371	4927826	4930304	0.06	cps

LB Number :	LB104231	Operator :	Jaswal
Lab Sample ID :	ICSAB	Instrumnet Name :	P7
Client Sample ID :	ICSAB	Dilution Factor :	1
Date & Time Acquired ::	2019-07-24 13:09:30	DataFile Name :	016ICSB.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	7509	7919	7929	7785	3.08	cps
Molybdenum	94-1	828123	829369	823103	826865	0.40	cps
Molybdenum	95-1	1404003	1417315	1417430	1412916	0.55	cps
Molybdenum	96-1	1512229	1530198	1522868	1521765	0.59	cps
Molybdenum	97-1	832610	826968	818669	826082	0.85	cps
Molybdenum	98-1	2214139	2232426	2241614	2229393	0.63	cps
Neodymium	150-1	0	0	13	4	173.21	cps
Neodymium	150-2	3	0	3	2	86.60	cps
Nickel	60-2	3714	3701	3851	3755	2.21	cps
Phosphorus	31-2	109986	110643	113757	111462	1.81	cps
Potassium	39-2	4285713	4270378	4301818	4285970	0.37	cps
Rhodium	103-1	855361	840662	838578	844867	1.08	cps
Rhodium	103-2	413761	416540	416789	415696	0.40	cps
Scandium	45-1	1163700	1143385	1151113	1152733	0.89	cps
Scandium	45-2	48265	49523	49101	48963	1.31	cps
Selenium	77-2	23	17	30	23	28.56	cps
Selenium	78-2	96	67	102	88	21.43	cps
Selenium	82-1	573	562	564	567	1.07	cps
Silicon	28-1	165583	167379	168540	167167	0.89	cps
Silver	109-1	23111	23145	22268	22841	2.17	cps
Silver	107-1	24655	24964	23946	24522	2.13	cps
Sodium	23-2	10265622	10281617	10247436	10264892	0.17	cps
Strontium	86-1	42974	42480	42129	42528	1.00	cps
Strontium	88-1	368248	370025	368043	368772	0.30	cps
Sulfur	34-1	1359118	1341898	1351151	1350722	0.64	cps
Terbium	159-1	1333050	1341979	1344411	1339813	0.45	cps
Terbium	159-2	727658	744655	741856	738056	1.23	cps
Thallium	203-1	18672	18272	18664	18536	1.24	cps
Thallium	205-1	45178	45696	44217	45030	1.67	cps
Thorium	232-1	322	250	333	302	14.99	cps
Tin	118-1	44780	45801	45650	45410	1.21	cps
Titanium	47-1	599628	598824	598979	599144	0.07	cps
Uranium	238-1	218648	215593	214784	216342	0.94	cps
Vanadium	51-2	8639	8729	8599	8656	0.77	cps
Yttrium	89-1	1309729	1335221	1339883	1328278	1.22	cps
Yttrium	89-2	185835	186517	189384	187245	1.01	cps

LB Number :	LB104231	Operator :	Jaswal
Lab Sample ID :	ICSAB	Instrumnet Name :	P7
Client Sample ID :	ICSAB	Dilution Factor :	1
Date & Time Acquired ::	2019-07-24 13:09:30	DataFile Name :	016ICSB.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zinc	66-2	1913	2057	1830	1933	5.93	cps
Zirconium	90-1	131054	125067	123092	126404	3.28	cps
Zirconium	91-1	27961	27510	28546	28006	1.85	cps

LB Number :	LB104231	Operator :	Jaswal
Lab Sample ID :	CCV047	Instrumnet Name :	P7
Client Sample ID :	CCV047	Dilution Factor :	1
Date & Time Acquired ::	2019-07-24 13:13:08	DataFile Name :	017CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	1171053	1179463	1178066	1176194	0.38	cps
Antimony	121-1	545077	540921	536092	540696	0.83	cps
Arsenic	75-2	22464	22695	23076	22745	1.36	cps
Barium	135-1	748052	744172	736597	742940	0.78	cps
Barium	137-1	1296778	1286654	1289670	1291034	0.40	cps
Beryllium	9-1	360016	358055	356525	358199	0.49	cps
Bismuth	209-1	704607	694870	688567	696014	1.16	cps
Bismuth	209-2	446571	454119	450550	450413	0.84	cps
Boron	10-1	62045	62170	62748	62321	0.60	cps
Boron	11-1	251573	256485	255724	254594	1.04	cps
Cadmium	111-1	150845	149067	148795	149569	0.74	cps
Cadmium	106-1	19648	18913	19063	19208	2.02	cps
Cadmium	108-1	12627	12635	12543	12602	0.40	cps
Calcium	43-1	1677367	1667684	1668526	1671192	0.32	cps
Calcium	44-1	27693096	27497861	27430439	27540466	0.50	cps
Chromium	52-2	257510	260223	258399	258710	0.53	cps
Cobalt	59-2	323279	326715	323721	324572	0.58	cps
Copper	63-2	412409	418237	415006	415217	0.70	cps
Dysprosium	156-1	25	8	8	14	69.31	cps
Dysprosium	156-2	23	20	30	24	20.83	cps
Erbium	164-1	0	0	0	0	0.00	cps
Erbium	164-2	0	3	0	1	173.21	cps
Gadolinium	160-1	8	25	0	11	114.58	cps
Gadolinium	160-2	33	20	10	21	55.45	cps
Holmium	165-1	1309426	1300634	1291731	1300597	0.68	cps
Holmium	165-2	746972	766016	756197	756395	1.26	cps
Indium	115-1	909374	894817	890589	898260	1.10	cps
Indium	115-2	182545	185470	185244	184420	0.88	cps
Iron	56-2	45963920	46050334	45878736	45964330	0.19	cps
Iron	57-2	1188398	1197026	1192100	1192508	0.36	cps
Krypton	83-1	57	30	57	48	32.23	cps
Lead	206-1	395599	395795	387679	393024	1.18	cps
Lead	207-1	355377	350733	352119	352743	0.68	cps
Lead	208-1	1633210	1618279	1614545	1622011	0.61	cps
Lithium	6-1	982909	973189	974178	976759	0.55	cps
Magnesium	24-2	12454326	12534064	12439744	12476045	0.41	cps

LB Number :	LB104231	Operator :	Jaswal
Lab Sample ID :	CCV047	Instrumnet Name :	P7
Client Sample ID :	CCV047	Dilution Factor :	1
Date & Time Acquired ::	2019-07-24 13:13:08	DataFile Name :	017CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	298862	299268	298493	298874	0.13	cps
Molybdenum	94-1	1571247	1581690	1559564	1570833	0.70	cps
Molybdenum	95-1	1943491	1952775	1956832	1951033	0.35	cps
Molybdenum	96-1	2174267	2178287	2158600	2170385	0.48	cps
Molybdenum	97-1	1147586	1137848	1122404	1135946	1.12	cps
Molybdenum	98-1	3048888	3072605	3051855	3057783	0.42	cps
Neodymium	150-1	67	73	40	60	29.40	cps
Neodymium	150-2	7	7	20	11	69.25	cps
Nickel	60-2	76099	77118	75627	76281	1.00	cps
Phosphorus	31-2	12289	12631	12172	12364	1.93	cps
Potassium	39-2	5579526	5587640	5575730	5580965	0.11	cps
Rhodium	103-1	851981	847670	833650	844434	1.14	cps
Rhodium	103-2	410976	414669	412508	412718	0.45	cps
Scandium	45-1	1207315	1179961	1181992	1189756	1.28	cps
Scandium	45-2	51148	52068	51647	51621	0.89	cps
Selenium	77-2	687	670	637	664	3.83	cps
Selenium	78-2	2217	2245	2269	2243	1.16	cps
Selenium	82-1	14698	14428	14509	14545	0.95	cps
Silicon	28-1	859604	870580	869250	866478	0.69	cps
Silver	109-1	681077	683589	677124	680597	0.48	cps
Silver	107-1	717238	707774	703794	709602	0.97	cps
Sodium	23-2	26140149	26261525	25869504	26090393	0.77	cps
Strontium	86-1	250304	245495	247006	247601	0.99	cps
Strontium	88-1	2111466	2113012	2108873	2111117	0.10	cps
Sulfur	34-1	230328	231241	228645	230072	0.57	cps
Terbium	159-1	1349898	1339206	1335167	1341423	0.57	cps
Terbium	159-2	737786	750660	749583	746010	0.96	cps
Thallium	203-1	474159	466229	467978	469455	0.89	cps
Thallium	205-1	1143674	1142248	1145353	1143758	0.14	cps
Thorium	232-1	2197287	2186977	2171034	2185099	0.61	cps
Tin	118-1	461413	456700	451908	456674	1.04	cps
Titanium	47-1	774372	751705	747703	757927	1.90	cps
Uranium	238-1	2177781	2161984	2154888	2164884	0.54	cps
Vanadium	51-2	224903	228007	226034	226315	0.69	cps
Yttrium	89-1	1363224	1348946	1348806	1353658	0.61	cps
Yttrium	89-2	190001	191247	192309	191186	0.60	cps

LB Number :	LB104231	Operator :	Jaswal
Lab Sample ID :	CCV047	Instrumnet Name :	P7
Client Sample ID :	CCV047	Dilution Factor :	1
Date & Time Acquired ::	2019-07-24 13:13:08	DataFile Name :	017CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zinc	66-2	65767	67475	67197	66813	1.37	cps
Zirconium	90-1	1294222	1313766	1269884	1292624	1.70	cps
Zirconium	91-1	295943	288117	296838	293633	1.63	cps

LB Number :	LB104231	Operator :	Jaswal
Lab Sample ID :	CCB047	Instrumnet Name :	P7
Client Sample ID :	CCB047	Dilution Factor :	1
Date & Time Acquired ::	2019-07-24 13:16:45	DataFile Name :	018CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	100	17	42	53	81.02	cps
Antimony	121-1	617	700	708	675	7.51	cps
Arsenic	75-2	2	2	0	1	86.60	cps
Barium	135-1	92	92	33	72	46.64	cps
Barium	137-1	150	192	125	156	21.65	cps
Beryllium	9-1	83	100	83	89	10.82	cps
Bismuth	209-1	761661	733414	720459	738511	2.85	cps
Bismuth	209-2	494277	494021	488961	492420	0.61	cps
Boron	10-1	3017	2442	2392	2617	13.27	cps
Boron	11-1	12180	11138	9779	11032	10.92	cps
Cadmium	111-1	134	112	103	116	13.71	cps
Cadmium	106-1	525	433	442	467	10.86	cps
Cadmium	108-1	0	0	8	3	173.21	cps
Calcium	43-1	258	275	158	231	27.37	cps
Calcium	44-1	6085	5410	4843	5446	11.42	cps
Chromium	52-2	190	187	167	181	6.97	cps
Cobalt	59-2	20	7	17	14	48.02	cps
Copper	63-2	97	123	187	136	34.10	cps
Dysprosium	156-1	0	0	0	0	0.00	cps
Dysprosium	156-2	0	0	7	2	173.21	cps
Erbium	164-1	8	8	0	6	86.60	cps
Erbium	164-2	7	0	3	3	100.05	cps
Gadolinium	160-1	0	0	0	0	0.00	cps
Gadolinium	160-2	27	27	30	28	6.92	cps
Holmium	165-1	1280928	1269867	1277648	1276148	0.45	cps
Holmium	165-2	738486	742145	738319	739650	0.29	cps
Indium	115-1	953772	941232	918992	937999	1.88	cps
Indium	115-2	192793	196600	193096	194163	1.09	cps
Iron	56-2	3473	3345	2778	3199	11.56	cps
Iron	57-2	89	89	83	87	3.68	cps
Krypton	83-1	53	63	37	51	26.35	cps
Lead	206-1	200	117	150	156	26.97	cps
Lead	207-1	156	172	172	167	5.77	cps
Lead	208-1	783	644	733	720	9.77	cps
Lithium	6-1	999894	993540	983226	992220	0.85	cps
Magnesium	24-2	808	575	542	642	22.64	cps

LB Number :	LB104231	Operator :	Jaswal
Lab Sample ID :	CCB047	Instrumnet Name :	P7
Client Sample ID :	CCB047	Dilution Factor :	1
Date & Time Acquired ::	2019-07-24 13:16:45	DataFile Name :	018CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	17	17	27	20	28.86	cps
Molybdenum	94-1	358	358	225	314	24.52	cps
Molybdenum	95-1	467	400	350	406	14.43	cps
Molybdenum	96-1	567	508	525	533	5.63	cps
Molybdenum	97-1	308	233	250	264	14.92	cps
Molybdenum	98-1	850	675	650	725	15.03	cps
Neodymium	150-1	0	0	0	0	0.00	cps
Neodymium	150-2	0	0	0	0	0.00	cps
Nickel	60-2	23	3	7	11	96.43	cps
Phosphorus	31-2	33	58	58	50	28.88	cps
Potassium	39-2	4868	4384	4851	4701	5.84	cps
Rhodium	103-1	946673	941874	922806	937117	1.35	cps
Rhodium	103-2	451466	457806	453792	454354	0.71	cps
Scandium	45-1	1234048	1217252	1197406	1216235	1.51	cps
Scandium	45-2	51339	50359	51680	51126	1.34	cps
Selenium	77-2	0	0	0	0	0.00	cps
Selenium	78-2	6	11	9	9	32.69	cps
Selenium	82-1	26	23	20	23	12.12	cps
Silicon	28-1	55998	54918	54676	55197	1.28	cps
Silver	109-1	133	183	67	128	45.81	cps
Silver	107-1	117	75	92	94	22.21	cps
Sodium	23-2	8394	8086	7552	8011	5.32	cps
Strontium	86-1	75	75	108	86	22.35	cps
Strontium	88-1	267	150	208	208	28.00	cps
Sulfur	34-1	96578	95689	94457	95574	1.11	cps
Terbium	159-1	1337520	1342724	1327487	1335910	0.58	cps
Terbium	159-2	735801	737645	727373	733606	0.75	cps
Thallium	203-1	158	208	158	175	16.50	cps
Thallium	205-1	450	408	375	411	9.14	cps
Thorium	232-1	517	494	561	524	6.48	cps
Tin	118-1	192	133	200	175	20.76	cps
Titanium	47-1	125	150	92	122	23.95	cps
Uranium	238-1	292	125	150	189	47.58	cps
Vanadium	51-2	10	7	13	10	33.30	cps
Yttrium	89-1	1376023	1376158	1364541	1372241	0.49	cps
Yttrium	89-2	190536	192720	190994	191417	0.60	cps

LB Number :	LB104231	Operator :	Jaswal
Lab Sample ID :	CCB047	Instrumnet Name :	P7
Client Sample ID :	CCB047	Dilution Factor :	1
Date & Time Acquired ::	2019-07-24 13:16:45	DataFile Name :	018CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zinc	66-2	43	50	53	49	10.42	cps
Zirconium	90-1	225	325	317	289	19.21	cps
Zirconium	91-1	92	75	33	67	45.07	cps

LB Number : LB104231 Operator : Jaswal
 Lab Sample ID : PB121532BL Instrumnet Name : P7
 Client Sample ID : PBS532 Dilution Factor : 1
 Date & Time Acquired :: 2019-07-24 13:20:21 DataFile Name : 019CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	33	8	33	25	57.75	cps
Antimony	121-1	183	125	183	164	20.55	cps
Arsenic	75-2	0	0	0	0	0.00	cps
Barium	135-1	0	0	8	3	173.21	cps
Barium	137-1	8	0	0	3	173.21	cps
Beryllium	9-1	30	53	33	39	32.45	cps
Bismuth	209-1	751802	741190	739505	744166	0.90	cps
Bismuth	209-2	493098	494899	492448	493482	0.26	cps
Boron	10-1	1675	1775	1567	1672	6.23	cps
Boron	11-1	6710	6894	6126	6577	6.09	cps
Cadmium	111-1	88	71	93	84	13.73	cps
Cadmium	106-1	400	350	425	392	9.75	cps
Cadmium	108-1	0	4	0	1	173.21	cps
Calcium	43-1	50	33	50	44	21.66	cps
Calcium	44-1	2834	2725	2642	2734	3.52	cps
Chromium	52-2	150	217	210	192	19.10	cps
Cobalt	59-2	3	3	7	4	43.40	cps
Copper	63-2	87	130	110	109	19.92	cps
Dysprosium	156-1	0	8	0	3	173.21	cps
Dysprosium	156-2	0	0	7	2	173.21	cps
Erbium	164-1	0	8	0	3	173.21	cps
Erbium	164-2	3	0	7	3	100.05	cps
Gadolinium	160-1	8	0	8	6	86.60	cps
Gadolinium	160-2	33	7	20	20	66.65	cps
Holmium	165-1	1279832	1299141	1292301	1290424	0.76	cps
Holmium	165-2	745186	747675	749219	747360	0.27	cps
Indium	115-1	965674	960214	949460	958449	0.86	cps
Indium	115-2	197195	198804	196294	197431	0.64	cps
Iron	56-2	1161	867	900	976	16.52	cps
Iron	57-2	50	72	67	63	18.37	cps
Krypton	83-1	33	37	70	47	43.45	cps
Lead	206-1	78	128	94	100	25.46	cps
Lead	207-1	133	78	100	104	26.97	cps
Lead	208-1	483	433	450	456	5.59	cps
Lithium	6-1	1021228	1014275	1014730	1016745	0.38	cps
Magnesium	24-2	58	58	17	44	54.12	cps

LB Number :	LB104231	Operator :	Jaswal
Lab Sample ID :	PB121532BL	Instrumnet Name :	P7
Client Sample ID :	PBS532	Dilution Factor :	1
Date & Time Acquired ::	2019-07-24 13:20:21	DataFile Name :	019CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	23	10	7	13	66.12	cps
Molybdenum	94-1	67	100	167	111	45.83	cps
Molybdenum	95-1	75	100	83	86	14.78	cps
Molybdenum	96-1	150	58	58	89	59.54	cps
Molybdenum	97-1	50	42	58	50	16.67	cps
Molybdenum	98-1	133	183	117	144	24.02	cps
Neodymium	150-1	0	0	0	0	0.00	cps
Neodymium	150-2	0	0	3	1	173.21	cps
Nickel	60-2	3	3	7	4	43.40	cps
Phosphorus	31-2	33	25	67	42	52.92	cps
Potassium	39-2	4643	4334	4284	4420	4.39	cps
Rhodium	103-1	974340	969661	957510	967170	0.90	cps
Rhodium	103-2	464641	463694	461324	463220	0.37	cps
Scandium	45-1	1255847	1269018	1246719	1257194	0.89	cps
Scandium	45-2	52807	53158	53095	53020	0.35	cps
Selenium	77-2	0	0	0	0	0.00	cps
Selenium	78-2	7	19	17	14	41.92	cps
Selenium	82-1	41	42	-3	27	97.50	cps
Silicon	28-1	54442	53430	54425	54099	1.07	cps
Silver	109-1	33	42	50	42	20.00	cps
Silver	107-1	33	33	58	42	34.65	cps
Sodium	23-2	6151	6268	5726	6049	4.72	cps
Strontium	86-1	83	100	108	97	13.09	cps
Strontium	88-1	58	33	67	53	32.88	cps
Sulfur	34-1	103994	102174	102987	103052	0.88	cps
Terbium	159-1	1348515	1355488	1346174	1350059	0.36	cps
Terbium	159-2	739806	735817	741262	738962	0.38	cps
Thallium	203-1	75	75	42	64	30.12	cps
Thallium	205-1	150	183	133	156	16.37	cps
Thorium	232-1	111	117	150	126	16.71	cps
Tin	118-1	58	100	92	83	26.46	cps
Titanium	47-1	17	25	17	19	24.73	cps
Uranium	238-1	8	8	0	6	86.60	cps
Vanadium	51-2	3	0	3	2	86.60	cps
Yttrium	89-1	1403173	1408424	1408903	1406833	0.23	cps
Yttrium	89-2	194270	195967	193541	194593	0.64	cps

LB Number :	LB104231	Operator :	Jaswal
Lab Sample ID :	PB121532BL	Instrumnet Name :	P7
Client Sample ID :	PBS532	Dilution Factor :	1
Date & Time Acquired ::	2019-07-24 13:20:21	DataFile Name :	019CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zinc	66-2	30	27	30	29	6.65	cps
Zirconium	90-1	133	100	142	125	17.64	cps
Zirconium	91-1	17	42	17	25	57.73	cps

LB Number :	LB104231	Operator :	Jaswal
Lab Sample ID :	PB121532BS	Instrumnet Name :	P7
Client Sample ID :	LCS532	Dilution Factor :	1
Date & Time Acquired ::	2019-07-24 13:23:57	DataFile Name :	020LCSE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	1083	708	817	870	22.20	cps
Antimony	121-1	4067	3934	3834	3945	2.97	cps
Arsenic	75-2	107	94	85	96	11.66	cps
Barium	135-1	5851	5560	5968	5793	3.63	cps
Barium	137-1	10329	9504	10538	10124	5.40	cps
Beryllium	9-1	1437	1553	1433	1475	4.64	cps
Bismuth	209-1	755377	747022	749798	750732	0.57	cps
Bismuth	209-2	490451	502318	508497	500422	1.83	cps
Boron	10-1	6877	6718	7077	6891	2.61	cps
Boron	11-1	28603	29563	28920	29029	1.68	cps
Cadmium	111-1	566	585	611	587	3.85	cps
Cadmium	106-1	492	567	450	503	11.76	cps
Cadmium	108-1	58	29	42	43	33.98	cps
Calcium	43-1	7077	6935	7185	7066	1.77	cps
Calcium	44-1	119042	115221	113567	115943	2.42	cps
Chromium	52-2	2164	2220	2204	2196	1.33	cps
Cobalt	59-2	1347	1437	1343	1376	3.85	cps
Copper	63-2	1720	1493	1673	1629	7.35	cps
Dysprosium	156-1	0	0	0	0	0.00	cps
Dysprosium	156-2	0	0	0	0	0.00	cps
Erbium	164-1	17	0	0	6	173.21	cps
Erbium	164-2	3	3	3	3	0.00	cps
Gadolinium	160-1	0	8	0	3	173.21	cps
Gadolinium	160-2	27	13	20	20	33.35	cps
Holmium	165-1	1316867	1315764	1338893	1323841	0.99	cps
Holmium	165-2	748282	754936	765334	756184	1.14	cps
Indium	115-1	989284	963072	981852	978069	1.38	cps
Indium	115-2	198544	199675	202363	200194	0.98	cps
Iron	56-2	161039	160298	160708	160682	0.23	cps
Iron	57-2	4145	4078	4290	4171	2.59	cps
Krypton	83-1	40	37	67	48	34.42	cps
Lead	206-1	1611	1456	1483	1517	5.47	cps
Lead	207-1	1500	1411	1545	1485	4.57	cps
Lead	208-1	6640	6468	6512	6540	1.37	cps
Lithium	6-1	1046316	1036000	1056014	1046110	0.96	cps
Magnesium	24-2	57085	55529	57194	56602	1.65	cps

LB Number : LB104231 Operator : Jaswal
 Lab Sample ID : PB121532BS Instrumnet Name : P7
 Client Sample ID : LCS532 Dilution Factor : 1
 Date & Time Acquired :: 2019-07-24 13:23:57 DataFile Name : 020LCSE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	617	597	630	614	2.73	cps
Molybdenum	94-1	6060	5543	6102	5901	5.27	cps
Molybdenum	95-1	7769	7169	7652	7530	4.23	cps
Molybdenum	96-1	8203	8094	8520	8272	2.67	cps
Molybdenum	97-1	4676	4359	4276	4437	4.76	cps
Molybdenum	98-1	12056	11688	11305	11683	3.21	cps
Neodymium	150-1	0	7	0	2	173.21	cps
Neodymium	150-2	0	0	0	0	0.00	cps
Nickel	60-2	347	413	353	371	9.89	cps
Phosphorus	31-2	200	283	167	217	27.74	cps
Potassium	39-2	51206	50495	51708	51136	1.19	cps
Rhodium	103-1	1000687	981416	1005147	995750	1.27	cps
Rhodium	103-2	468235	474579	475936	472917	0.87	cps
Scandium	45-1	1296018	1281104	1302176	1293099	0.84	cps
Scandium	45-2	53182	53931	55895	54336	2.58	cps
Selenium	77-2	17	40	7	21	81.01	cps
Selenium	78-2	39	59	56	51	21.18	cps
Selenium	82-1	354	347	285	329	11.52	cps
Silicon	28-1	85402	84958	84530	84963	0.51	cps
Silver	109-1	2659	2592	2817	2689	4.30	cps
Silver	107-1	2859	2800	2892	2850	1.63	cps
Sodium	23-2	117079	113335	118432	116282	2.27	cps
Strontium	86-1	1050	892	1083	1008	10.16	cps
Strontium	88-1	8078	7786	7852	7905	1.93	cps
Sulfur	34-1	109030	107561	107922	108171	0.71	cps
Terbium	159-1	1363241	1378316	1411761	1384440	1.79	cps
Terbium	159-2	740294	749384	760498	750058	1.35	cps
Thallium	203-1	2009	1792	1817	1872	6.33	cps
Thallium	205-1	4534	4017	4243	4265	6.08	cps
Thorium	232-1	7586	7808	7191	7528	4.15	cps
Tin	118-1	9312	8903	9187	9134	2.29	cps
Titanium	47-1	3584	3234	3200	3339	6.36	cps
Uranium	238-1	7744	7603	7261	7536	3.30	cps
Vanadium	51-2	4844	4447	4657	4650	4.27	cps
Yttrium	89-1	1443797	1440893	1486208	1456966	1.74	cps
Yttrium	89-2	199199	200215	202656	200690	0.89	cps

LB Number :	LB104231	Operator :	Jaswal
Lab Sample ID :	PB121532BS	Instrumnet Name :	P7
Client Sample ID :	LCS532	Dilution Factor :	1
Date & Time Acquired ::	2019-07-24 13:23:57	DataFile Name :	020LCSE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zinc	66-2	303	313	357	324	8.74	cps
Zirconium	90-1	5176	5126	4959	5087	2.23	cps
Zirconium	91-1	1142	1117	1267	1175	6.84	cps

LB Number :	LB104231	Operator :	Jaswal
Lab Sample ID :	PB121503BL	Instrumnet Name :	P7
Client Sample ID :	PBW503	Dilution Factor :	1
Date & Time Acquired ::	2019-07-24 13:27:33	DataFile Name :	021CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	33	50	42	42	20.00	cps
Antimony	121-1	83	67	83	78	12.37	cps
Arsenic	75-2	2	0	0	1	173.21	cps
Barium	135-1	0	17	0	6	173.21	cps
Barium	137-1	0	0	0	0	0.00	cps
Beryllium	9-1	27	27	37	30	19.24	cps
Bismuth	209-1	747341	738891	742507	742913	0.57	cps
Bismuth	209-2	489618	493314	486071	489668	0.74	cps
Boron	10-1	1217	925	1050	1064	13.75	cps
Boron	11-1	4534	4459	3976	4323	7.01	cps
Cadmium	111-1	88	104	91	94	8.67	cps
Cadmium	106-1	442	533	450	475	10.67	cps
Cadmium	108-1	0	4	4	3	86.60	cps
Calcium	43-1	108	133	133	125	11.55	cps
Calcium	44-1	4067	3859	4051	3992	2.90	cps
Chromium	52-2	157	200	160	172	14.00	cps
Cobalt	59-2	0	7	10	6	91.64	cps
Copper	63-2	110	90	77	92	18.19	cps
Dysprosium	156-1	0	0	0	0	0.00	cps
Dysprosium	156-2	0	3	0	1	173.21	cps
Erbium	164-1	8	0	8	6	86.60	cps
Erbium	164-2	0	0	3	1	173.21	cps
Gadolinium	160-1	0	0	8	3	173.21	cps
Gadolinium	160-2	17	20	37	24	43.83	cps
Holmium	165-1	1296836	1305285	1315170	1305764	0.70	cps
Holmium	165-2	731271	746071	746940	741427	1.19	cps
Indium	115-1	978554	960609	969804	969656	0.93	cps
Indium	115-2	197759	196472	199272	197834	0.71	cps
Iron	56-2	2606	2956	3028	2863	7.89	cps
Iron	57-2	111	89	33	78	51.51	cps
Krypton	83-1	43	40	43	42	4.55	cps
Lead	206-1	89	78	117	94	21.21	cps
Lead	207-1	50	72	94	72	30.77	cps
Lead	208-1	289	283	372	315	15.82	cps
Lithium	6-1	1043536	1033681	1043379	1040199	0.54	cps
Magnesium	24-2	525	608	517	550	9.22	cps

LB Number : LB104231 Operator : Jaswal
 Lab Sample ID : PB121503BL Instrumnet Name : P7
 Client Sample ID : PBW503 Dilution Factor : 1
 Date & Time Acquired :: 2019-07-24 13:27:33 DataFile Name : 021CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	0	23	7	10	120.16	cps
Molybdenum	94-1	33	75	75	61	39.37	cps
Molybdenum	95-1	67	8	50	42	72.12	cps
Molybdenum	96-1	100	75	67	81	21.53	cps
Molybdenum	97-1	8	17	17	14	34.67	cps
Molybdenum	98-1	42	42	75	53	36.46	cps
Neodymium	150-1	0	0	7	2	173.21	cps
Neodymium	150-2	0	0	0	0	0.00	cps
Nickel	60-2	10	13	10	11	17.30	cps
Phosphorus	31-2	58	50	50	53	9.12	cps
Potassium	39-2	4609	4676	4918	4734	3.43	cps
Rhodium	103-1	985433	970351	984238	980008	0.86	cps
Rhodium	103-2	463252	467242	468012	466169	0.55	cps
Scandium	45-1	1284352	1285601	1294788	1288247	0.44	cps
Scandium	45-2	53172	54182	54567	53973	1.34	cps
Selenium	77-2	0	0	0	0	0.00	cps
Selenium	78-2	17	17	13	15	13.88	cps
Selenium	82-1	28	24	34	29	17.81	cps
Silicon	28-1	56072	54818	54868	55253	1.29	cps
Silver	109-1	25	0	8	11	114.58	cps
Silver	107-1	8	17	33	19	65.47	cps
Sodium	23-2	5718	5835	5776	5776	1.01	cps
Strontium	86-1	83	117	100	100	16.66	cps
Strontium	88-1	67	50	42	53	24.12	cps
Sulfur	34-1	109592	106882	107595	108023	1.30	cps
Terbium	159-1	1348027	1354798	1390600	1364475	1.68	cps
Terbium	159-2	729461	740527	738923	736303	0.81	cps
Thallium	203-1	25	100	58	61	61.49	cps
Thallium	205-1	133	108	75	106	27.73	cps
Thorium	232-1	94	72	72	80	16.11	cps
Tin	118-1	58	33	75	56	37.75	cps
Titanium	47-1	25	8	17	17	50.01	cps
Uranium	238-1	8	0	0	3	173.21	cps
Vanadium	51-2	3	7	0	3	100.05	cps
Yttrium	89-1	1440508	1431720	1459755	1443994	0.99	cps
Yttrium	89-2	197112	200053	200137	199101	0.87	cps

LB Number :	LB104231	Operator :	Jaswal
Lab Sample ID :	PB121503BL	Instrumnet Name :	P7
Client Sample ID :	PBW503	Dilution Factor :	1
Date & Time Acquired ::	2019-07-24 13:27:33	DataFile Name :	021CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zinc	66-2	30	30	40	33	17.32	cps
Zirconium	90-1	150	167	183	167	10.00	cps
Zirconium	91-1	42	42	25	36	26.65	cps

LB Number :	LB104231	Operator :	Jaswal
Lab Sample ID :	PB121503BS	Instrumnet Name :	P7
Client Sample ID :	LCS503	Dilution Factor :	1
Date & Time Acquired ::	2019-07-24 13:31:09	DataFile Name :	022LCSE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	1008	967	892	956	6.19	cps
Antimony	121-1	4259	3701	4159	4040	7.37	cps
Arsenic	75-2	83	102	91	92	10.13	cps
Barium	135-1	5835	5910	5560	5768	3.20	cps
Barium	137-1	9971	10237	10062	10090	1.34	cps
Beryllium	9-1	1580	1483	1527	1530	3.16	cps
Bismuth	209-1	731909	719590	722412	724637	0.89	cps
Bismuth	209-2	482398	489066	488499	486655	0.76	cps
Boron	10-1	6944	6502	7202	6882	5.15	cps
Boron	11-1	28210	28436	29037	28561	1.50	cps
Cadmium	111-1	611	565	599	592	4.04	cps
Cadmium	106-1	633	550	375	519	25.38	cps
Cadmium	108-1	46	58	38	47	22.20	cps
Calcium	43-1	6802	7019	7394	7071	4.24	cps
Calcium	44-1	118354	115289	114474	116039	1.76	cps
Chromium	52-2	2390	2530	2264	2395	5.57	cps
Cobalt	59-2	1423	1550	1493	1489	4.26	cps
Copper	63-2	1560	1773	1837	1723	8.41	cps
Dysprosium	156-1	0	0	0	0	0.00	cps
Dysprosium	156-2	3	0	3	2	86.60	cps
Erbium	164-1	17	0	0	6	173.21	cps
Erbium	164-2	0	7	0	2	173.21	cps
Gadolinium	160-1	0	0	8	3	173.21	cps
Gadolinium	160-2	27	40	30	32	21.53	cps
Holmium	165-1	1275771	1277282	1292796	1281950	0.74	cps
Holmium	165-2	731759	738798	742548	737701	0.74	cps
Indium	115-1	966615	947194	950888	954899	1.08	cps
Indium	115-2	197785	198301	197031	197706	0.32	cps
Iron	56-2	166639	167960	166881	167160	0.42	cps
Iron	57-2	4379	4101	4084	4188	3.95	cps
Krypton	83-1	30	47	40	39	21.57	cps
Lead	206-1	1589	1600	1500	1563	3.51	cps
Lead	207-1	1383	1378	1511	1424	5.30	cps
Lead	208-1	6479	6379	6356	6404	1.02	cps
Lithium	6-1	1030537	1013383	1023399	1022440	0.84	cps
Magnesium	24-2	57435	59394	57712	58180	1.82	cps

LB Number :	LB104231	Operator :	Jaswal
Lab Sample ID :	PB121503BS	Instrumnet Name :	P7
Client Sample ID :	LCS503	Dilution Factor :	1
Date & Time Acquired ::	2019-07-24 13:31:09	DataFile Name :	022LCSE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	613	590	650	618	4.90	cps
Molybdenum	94-1	6702	5718	6418	6279	8.06	cps
Molybdenum	95-1	7911	7277	7777	7655	4.36	cps
Molybdenum	96-1	8153	8503	7902	8186	3.68	cps
Molybdenum	97-1	4393	4593	4568	4518	2.41	cps
Molybdenum	98-1	11805	11455	11288	11516	2.29	cps
Neodymium	150-1	0	0	0	0	0.00	cps
Neodymium	150-2	0	0	0	0	0.00	cps
Nickel	60-2	360	373	330	354	6.26	cps
Phosphorus	31-2	125	225	142	164	32.69	cps
Potassium	39-2	53439	51850	54175	53154	2.24	cps
Rhodium	103-1	981520	965384	955176	967360	1.37	cps
Rhodium	103-2	462576	463695	466191	464154	0.40	cps
Scandium	45-1	1296914	1264019	1271228	1277387	1.35	cps
Scandium	45-2	53443	53245	54256	53648	1.00	cps
Selenium	77-2	10	17	10	12	31.50	cps
Selenium	78-2	69	65	56	63	10.60	cps
Selenium	82-1	358	321	339	339	5.37	cps
Silicon	28-1	86726	85871	86148	86248	0.51	cps
Silver	109-1	3034	2750	2992	2925	5.23	cps
Silver	107-1	3292	2842	2775	2970	9.47	cps
Sodium	23-2	116986	117070	118329	117462	0.64	cps
Strontium	86-1	1133	933	1033	1033	9.68	cps
Strontium	88-1	7986	7961	7953	7966	0.22	cps
Sulfur	34-1	118450	118064	117234	117916	0.53	cps
Terbium	159-1	1346352	1339899	1349200	1345150	0.35	cps
Terbium	159-2	725354	736133	736471	732653	0.86	cps
Thallium	203-1	1734	1642	1850	1742	5.99	cps
Thallium	205-1	4426	4143	4418	4329	3.73	cps
Thorium	232-1	7753	7547	7569	7623	1.48	cps
Tin	118-1	9495	9879	8970	9448	4.83	cps
Titanium	47-1	3209	3125	2950	3095	4.26	cps
Uranium	238-1	7861	7894	7836	7864	0.37	cps
Vanadium	51-2	4874	4994	4924	4931	1.22	cps
Yttrium	89-1	1430885	1416417	1439227	1428843	0.81	cps
Yttrium	89-2	196903	200474	201135	199504	1.14	cps

LB Number :	LB104231	Operator :	Jaswal
Lab Sample ID :	PB121503BS	Instrumnet Name :	P7
Client Sample ID :	LCS503	Dilution Factor :	1
Date & Time Acquired ::	2019-07-24 13:31:09	DataFile Name :	022LCSE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zinc	66-2	310	263	327	300	10.94	cps
Zirconium	90-1	4868	5026	4534	4809	5.22	cps
Zirconium	91-1	1150	1200	1233	1195	3.51	cps

LB Number : LB104231 Operator : Jaswal
 Lab Sample ID : PB121496BL Instrumnet Name : P7
 Client Sample ID : PBW496 Dilution Factor : 1
 Date & Time Acquired :: 2019-07-24 13:34:46 DataFile Name : 023CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	0	8	8	6	86.60	cps
Antimony	121-1	42	42	8	31	62.99	cps
Arsenic	75-2	2	0	0	1	173.21	cps
Barium	135-1	8	17	0	8	100.02	cps
Barium	137-1	0	8	8	6	86.60	cps
Beryllium	9-1	37	23	50	37	36.37	cps
Bismuth	209-1	717607	710746	699943	709432	1.26	cps
Bismuth	209-2	479576	472848	475685	476037	0.71	cps
Boron	10-1	1083	975	1042	1033	5.29	cps
Boron	11-1	4242	4726	3992	4320	8.63	cps
Cadmium	111-1	91	115	92	99	13.84	cps
Cadmium	106-1	433	575	458	489	15.47	cps
Cadmium	108-1	0	0	0	0	0.00	cps
Calcium	43-1	25	25	8	19	49.50	cps
Calcium	44-1	2784	2717	2892	2798	3.16	cps
Chromium	52-2	197	203	147	182	17.00	cps
Cobalt	59-2	3	7	7	6	34.70	cps
Copper	63-2	90	57	83	77	23.00	cps
Dysprosium	156-1	0	0	0	0	0.00	cps
Dysprosium	156-2	0	0	0	0	0.00	cps
Erbium	164-1	8	0	0	3	173.21	cps
Erbium	164-2	0	0	0	0	0.00	cps
Gadolinium	160-1	8	0	8	6	86.60	cps
Gadolinium	160-2	7	37	27	23	65.46	cps
Holmium	165-1	1249934	1271783	1267489	1263069	0.92	cps
Holmium	165-2	721685	719568	721487	720913	0.16	cps
Indium	115-1	944208	935844	931119	937057	0.71	cps
Indium	115-2	193439	193813	195570	194274	0.59	cps
Iron	56-2	1022	950	961	978	3.98	cps
Iron	57-2	11	17	33	20	56.76	cps
Krypton	83-1	67	37	33	46	40.30	cps
Lead	206-1	61	44	67	57	20.14	cps
Lead	207-1	94	94	44	78	37.11	cps
Lead	208-1	244	306	256	269	12.12	cps
Lithium	6-1	1009622	1009729	1008059	1009137	0.09	cps
Magnesium	24-2	33	92	83	69	45.44	cps

LB Number :	LB104231	Operator :	Jaswal
Lab Sample ID :	PB121496BL	Instrumnet Name :	P7
Client Sample ID :	PBW496	Dilution Factor :	1
Date & Time Acquired ::	2019-07-24 13:34:46	DataFile Name :	023CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	7	10	7	8	24.71	cps
Molybdenum	94-1	58	50	108	72	43.68	cps
Molybdenum	95-1	0	8	8	6	86.60	cps
Molybdenum	96-1	0	58	58	39	86.60	cps
Molybdenum	97-1	17	17	17	17	0.00	cps
Molybdenum	98-1	17	50	8	25	88.19	cps
Neodymium	150-1	7	0	0	2	173.21	cps
Neodymium	150-2	0	0	0	0	0.00	cps
Nickel	60-2	0	7	10	6	91.64	cps
Phosphorus	31-2	50	17	8	25	88.19	cps
Potassium	39-2	4501	4384	4309	4398	2.20	cps
Rhodium	103-1	969017	961054	962170	964080	0.45	cps
Rhodium	103-2	455286	458822	460290	458133	0.56	cps
Scandium	45-1	1266034	1262209	1257493	1261912	0.34	cps
Scandium	45-2	53700	52994	54132	53609	1.07	cps
Selenium	77-2	0	0	0	0	0.00	cps
Selenium	78-2	19	19	15	17	12.39	cps
Selenium	82-1	15	47	30	31	53.17	cps
Silicon	28-1	56072	55880	54107	55353	1.96	cps
Silver	109-1	8	8	8	8	0.00	cps
Silver	107-1	17	25	33	25	33.32	cps
Sodium	23-2	4784	4267	4226	4426	7.03	cps
Strontium	86-1	92	67	58	72	24.02	cps
Strontium	88-1	67	33	67	56	34.65	cps
Sulfur	34-1	121928	119594	119518	120347	1.14	cps
Terbium	159-1	1315714	1333524	1330272	1326503	0.72	cps
Terbium	159-2	718713	714107	713837	715552	0.38	cps
Thallium	203-1	50	58	42	50	16.67	cps
Thallium	205-1	125	158	142	142	11.76	cps
Thorium	232-1	28	61	61	50	38.49	cps
Tin	118-1	83	67	67	72	13.33	cps
Titanium	47-1	33	25	50	36	35.25	cps
Uranium	238-1	0	0	0	0	0.00	cps
Vanadium	51-2	0	0	0	0	0.00	cps
Yttrium	89-1	1401578	1404676	1420423	1408892	0.72	cps
Yttrium	89-2	195473	195407	194849	195243	0.18	cps

LB Number :	LB104231	Operator :	Jaswal
Lab Sample ID :	PB121496BL	Instrumnet Name :	P7
Client Sample ID :	PBW496	Dilution Factor :	1
Date & Time Acquired ::	2019-07-24 13:34:46	DataFile Name :	023CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zinc	66-2	17	30	17	21	36.45	cps
Zirconium	90-1	100	100	133	111	17.32	cps
Zirconium	91-1	0	8	0	3	173.21	cps

LB Number :	LB104231	Operator :	Jaswal
Lab Sample ID :	PB121496BS	Instrumnet Name :	P7
Client Sample ID :	LCS496	Dilution Factor :	1
Date & Time Acquired ::	2019-07-24 13:38:22	DataFile Name :	024LCSE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	850	967	917	911	6.42	cps
Antimony	121-1	4226	4276	4026	4176	3.17	cps
Arsenic	75-2	70	91	67	76	17.07	cps
Barium	135-1	6060	5918	5760	5913	2.54	cps
Barium	137-1	10621	10279	10246	10382	2.00	cps
Beryllium	9-1	1600	1697	1487	1595	6.59	cps
Bismuth	209-1	734048	729091	713656	725598	1.47	cps
Bismuth	209-2	487168	480935	483688	483930	0.65	cps
Boron	10-1	6518	7085	6894	6832	4.22	cps
Boron	11-1	27593	28419	29020	28344	2.53	cps
Cadmium	111-1	684	675	625	661	4.76	cps
Cadmium	106-1	500	458	475	478	4.39	cps
Cadmium	108-1	29	42	46	39	22.30	cps
Calcium	43-1	7511	7444	6960	7305	4.11	cps
Calcium	44-1	118764	118859	118892	118839	0.06	cps
Chromium	52-2	2417	2444	2447	2436	0.68	cps
Cobalt	59-2	1363	1390	1327	1360	2.34	cps
Copper	63-2	1710	1800	1683	1731	3.53	cps
Dysprosium	156-1	0	0	0	0	0.00	cps
Dysprosium	156-2	0	0	0	0	0.00	cps
Erbium	164-1	0	0	17	6	173.21	cps
Erbium	164-2	0	0	0	0	0.00	cps
Gadolinium	160-1	0	0	0	0	0.00	cps
Gadolinium	160-2	27	20	3	17	72.13	cps
Holmium	165-1	1286397	1302947	1276582	1288642	1.03	cps
Holmium	165-2	736083	739507	736997	737529	0.24	cps
Indium	115-1	963362	953257	947509	954709	0.84	cps
Indium	115-2	197624	197730	202822	199392	1.49	cps
Iron	56-2	169504	167643	169062	168737	0.58	cps
Iron	57-2	4317	4151	4373	4280	2.70	cps
Krypton	83-1	37	87	57	60	41.94	cps
Lead	206-1	1528	1428	1345	1433	6.40	cps
Lead	207-1	1400	1439	1211	1350	9.03	cps
Lead	208-1	6451	6134	5784	6123	5.45	cps
Lithium	6-1	1052637	1048347	1045317	1048767	0.35	cps
Magnesium	24-2	59193	56875	59653	58574	2.54	cps

LB Number :	LB104231	Operator :	Jaswal
Lab Sample ID :	PB121496BS	Instrumnet Name :	P7
Client Sample ID :	LCS496	Dilution Factor :	1
Date & Time Acquired ::	2019-07-24 13:38:22	DataFile Name :	024LCSE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	637	710	613	653	7.72	cps
Molybdenum	94-1	6068	5901	5485	5818	5.17	cps
Molybdenum	95-1	7594	7402	7427	7474	1.40	cps
Molybdenum	96-1	8211	8294	8069	8192	1.39	cps
Molybdenum	97-1	4293	4801	4676	4590	5.77	cps
Molybdenum	98-1	12281	11580	12156	12006	3.11	cps
Neodymium	150-1	0	0	0	0	0.00	cps
Neodymium	150-2	0	0	0	0	0.00	cps
Nickel	60-2	327	357	333	339	4.65	cps
Phosphorus	31-2	133	133	267	178	43.30	cps
Potassium	39-2	52218	52293	53405	52639	1.26	cps
Rhodium	103-1	980265	974805	974033	976368	0.35	cps
Rhodium	103-2	467789	466109	468583	467494	0.27	cps
Scandium	45-1	1301712	1285931	1268784	1285476	1.28	cps
Scandium	45-2	54142	54657	54771	54523	0.61	cps
Selenium	77-2	10	30	10	17	69.28	cps
Selenium	78-2	56	56	69	60	12.50	cps
Selenium	82-1	358	269	284	304	15.77	cps
Silicon	28-1	87833	87674	86424	87310	0.88	cps
Silver	109-1	2775	2884	2792	2817	2.07	cps
Silver	107-1	3292	2700	2717	2903	11.61	cps
Sodium	23-2	117449	118305	120414	118723	1.29	cps
Strontium	86-1	1150	1117	1058	1108	4.19	cps
Strontium	88-1	8294	7677	7903	7958	3.92	cps
Sulfur	34-1	115015	113614	112178	113603	1.25	cps
Terbium	159-1	1339877	1363592	1348748	1350739	0.89	cps
Terbium	159-2	732871	734954	731115	732980	0.26	cps
Thallium	203-1	1742	1750	1750	1747	0.28	cps
Thallium	205-1	4493	4234	4693	4473	5.14	cps
Thorium	232-1	7413	7486	7274	7391	1.45	cps
Tin	118-1	9704	8645	9687	9345	6.49	cps
Titanium	47-1	3392	3392	3201	3328	3.32	cps
Uranium	238-1	7477	7336	7869	7561	3.66	cps
Vanadium	51-2	4944	4724	4894	4854	2.38	cps
Yttrium	89-1	1438718	1449862	1440019	1442866	0.42	cps
Yttrium	89-2	197278	198810	199393	198494	0.55	cps

LB Number :	LB104231	Operator :	Jaswal
Lab Sample ID :	PB121496BS	Instrumnet Name :	P7
Client Sample ID :	LCS496	Dilution Factor :	1
Date & Time Acquired ::	2019-07-24 13:38:22	DataFile Name :	024LCSE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zinc	66-2	287	243	283	271	8.89	cps
Zirconium	90-1	4918	4951	5059	4976	1.49	cps
Zirconium	91-1	1175	1092	1242	1170	6.43	cps

LB Number : LB104231 Operator : Jaswal
 Lab Sample ID : PB121428BL Instrumnet Name : P7
 Client Sample ID : PBW428 Dilution Factor : 1
 Date & Time Acquired :: 2019-07-24 13:41:59 DataFile Name : 025CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	17	8	17	14	34.67	cps
Antimony	121-1	33	17	42	31	41.66	cps
Arsenic	75-2	4	4	0	2	86.60	cps
Barium	135-1	8	17	0	8	100.02	cps
Barium	137-1	25	17	8	17	50.01	cps
Beryllium	9-1	47	53	30	43	27.73	cps
Bismuth	209-1	736442	719727	716631	724267	1.47	cps
Bismuth	209-2	481793	483230	477861	480961	0.58	cps
Boron	10-1	975	900	692	856	17.16	cps
Boron	11-1	3559	3309	3476	3448	3.69	cps
Cadmium	111-1	73	87	94	85	13.06	cps
Cadmium	106-1	392	450	450	431	7.82	cps
Cadmium	108-1	8	4	0	4	99.96	cps
Calcium	43-1	8	25	33	22	57.29	cps
Calcium	44-1	2925	2700	2992	2873	5.32	cps
Chromium	52-2	170	187	177	178	4.72	cps
Cobalt	59-2	7	10	3	7	50.03	cps
Copper	63-2	83	87	57	76	21.76	cps
Dysprosium	156-1	0	0	0	0	0.00	cps
Dysprosium	156-2	0	0	0	0	0.00	cps
Erbium	164-1	0	8	0	3	173.21	cps
Erbium	164-2	0	3	0	1	173.21	cps
Gadolinium	160-1	0	0	0	0	0.00	cps
Gadolinium	160-2	23	23	30	26	15.07	cps
Holmium	165-1	1315751	1290836	1301130	1302572	0.96	cps
Holmium	165-2	732504	737246	729707	733152	0.52	cps
Indium	115-1	963797	945713	954624	954711	0.95	cps
Indium	115-2	199045	199670	198342	199019	0.33	cps
Iron	56-2	928	856	911	898	4.21	cps
Iron	57-2	33	33	44	37	17.33	cps
Krypton	83-1	33	60	47	47	28.58	cps
Lead	206-1	39	33	39	37	8.67	cps
Lead	207-1	28	33	44	35	24.12	cps
Lead	208-1	222	161	200	194	15.91	cps
Lithium	6-1	1060631	1049700	1047564	1052632	0.67	cps
Magnesium	24-2	25	42	50	39	32.73	cps

LB Number :	LB104231	Operator :	Jaswal
Lab Sample ID :	PB121428BL	Instrumnet Name :	P7
Client Sample ID :	PBW428	Dilution Factor :	1
Date & Time Acquired ::	2019-07-24 13:41:59	DataFile Name :	025CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	7	3	10	7	50.03	cps
Molybdenum	94-1	50	50	108	69	48.50	cps
Molybdenum	95-1	0	17	33	17	99.99	cps
Molybdenum	96-1	42	42	92	58	49.48	cps
Molybdenum	97-1	25	17	33	25	33.32	cps
Molybdenum	98-1	33	8	17	19	65.47	cps
Neodymium	150-1	0	0	0	0	0.00	cps
Neodymium	150-2	0	0	0	0	0.00	cps
Nickel	60-2	3	17	3	8	99.04	cps
Phosphorus	31-2	25	42	42	36	26.65	cps
Potassium	39-2	4234	4142	4326	4234	2.17	cps
Rhodium	103-1	1028427	977513	963665	989869	3.45	cps
Rhodium	103-2	462717	471040	462539	465432	1.04	cps
Scandium	45-1	1300427	1290093	1290701	1293741	0.45	cps
Scandium	45-2	54169	56019	54149	54779	1.96	cps
Selenium	77-2	0	0	0	0	0.00	cps
Selenium	78-2	19	7	11	12	45.82	cps
Selenium	82-1	44	7	18	23	85.00	cps
Silicon	28-1	56156	57988	56901	57015	1.62	cps
Silver	109-1	25	25	25	25	0.00	cps
Silver	107-1	25	33	17	25	33.32	cps
Sodium	23-2	3426	3784	3817	3676	5.91	cps
Strontium	86-1	75	92	92	86	11.18	cps
Strontium	88-1	58	67	42	56	22.91	cps
Sulfur	34-1	113547	114537	111976	113353	1.14	cps
Terbium	159-1	1364322	1357276	1345848	1355816	0.69	cps
Terbium	159-2	728074	737088	725057	730073	0.86	cps
Thallium	203-1	83	17	58	53	63.81	cps
Thallium	205-1	117	42	100	86	45.73	cps
Thorium	232-1	56	44	56	52	12.37	cps
Tin	118-1	75	75	67	72	6.66	cps
Titanium	47-1	33	33	33	33	0.00	cps
Uranium	238-1	8	0	0	3	173.21	cps
Vanadium	51-2	3	3	0	2	86.60	cps
Yttrium	89-1	1441483	1448098	1448728	1446103	0.28	cps
Yttrium	89-2	198697	201510	200675	200294	0.72	cps

LB Number :	LB104231	Operator :	Jaswal
Lab Sample ID :	PB121428BL	Instrumnet Name :	P7
Client Sample ID :	PBW428	Dilution Factor :	1
Date & Time Acquired ::	2019-07-24 13:41:59	DataFile Name :	025CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zinc	66-2	20	33	30	28	24.98	cps
Zirconium	90-1	92	150	92	111	30.31	cps
Zirconium	91-1	8	25	42	25	66.68	cps

LB Number :	LB104231	Operator :	Jaswal
Lab Sample ID :	PB121428BS	Instrumnet Name :	P7
Client Sample ID :	LCS428	Dilution Factor :	1
Date & Time Acquired ::	2019-07-24 13:45:36	DataFile Name :	026LCSE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	975	1033	1083	1031	5.26	cps
Antimony	121-1	3892	4151	3867	3970	3.95	cps
Arsenic	75-2	85	85	100	90	9.49	cps
Barium	135-1	5543	5968	5810	5774	3.72	cps
Barium	137-1	10304	9771	10012	10029	2.66	cps
Beryllium	9-1	1580	1630	1517	1576	3.61	cps
Bismuth	209-1	729032	713233	711903	718056	1.33	cps
Bismuth	209-2	481484	478956	418224	459554	7.79	cps
Boron	10-1	7044	6785	6635	6821	3.03	cps
Boron	11-1	28569	27359	28895	28275	2.86	cps
Cadmium	111-1	597	631	658	629	4.92	cps
Cadmium	106-1	483	525	492	500	4.41	cps
Cadmium	108-1	42	46	33	40	15.80	cps
Calcium	43-1	7194	6802	7177	7057	3.14	cps
Calcium	44-1	118455	117817	116859	117710	0.68	cps
Chromium	52-2	2357	2370	2234	2320	3.25	cps
Cobalt	59-2	1370	1530	1343	1415	7.14	cps
Copper	63-2	1780	1610	1657	1682	5.22	cps
Dysprosium	156-1	0	0	0	0	0.00	cps
Dysprosium	156-2	0	0	0	0	0.00	cps
Erbium	164-1	0	0	0	0	0.00	cps
Erbium	164-2	3	3	0	2	86.60	cps
Gadolinium	160-1	8	0	0	3	173.21	cps
Gadolinium	160-2	10	23	23	19	40.75	cps
Holmium	165-1	1298850	1289458	1293054	1293787	0.37	cps
Holmium	165-2	737742	723097	641176	700672	7.43	cps
Indium	115-1	956839	949213	943236	949763	0.72	cps
Indium	115-2	200028	197035	174103	190389	7.45	cps
Iron	56-2	167881	165309	168662	167284	1.05	cps
Iron	57-2	4101	3940	4334	4125	4.81	cps
Krypton	83-1	50	47	60	52	13.28	cps
Lead	206-1	1556	1506	1561	1541	1.99	cps
Lead	207-1	1395	1461	1306	1387	5.63	cps
Lead	208-1	6290	6128	5912	6110	3.10	cps
Lithium	6-1	1054733	1038151	1035794	1042893	0.99	cps
Magnesium	24-2	59327	59553	58072	58984	1.35	cps

LB Number :	LB104231	Operator :	Jaswal
Lab Sample ID :	PB121428BS	Instrumnet Name :	P7
Client Sample ID :	LCS428	Dilution Factor :	1
Date & Time Acquired ::	2019-07-24 13:45:36	DataFile Name :	026LCSE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	693	583	647	641	8.61	cps
Molybdenum	94-1	5960	5910	6026	5965	0.98	cps
Molybdenum	95-1	7819	8053	7436	7769	4.01	cps
Molybdenum	96-1	7919	8361	8178	8153	2.72	cps
Molybdenum	97-1	4676	4818	4684	4726	1.68	cps
Molybdenum	98-1	11313	12089	11705	11702	3.31	cps
Neodymium	150-1	0	7	7	4	86.60	cps
Neodymium	150-2	3	0	0	1	173.21	cps
Nickel	60-2	373	407	407	396	4.87	cps
Phosphorus	31-2	225	100	233	186	40.13	cps
Potassium	39-2	53907	52635	52769	53104	1.32	cps
Rhodium	103-1	978281	970671	960780	969911	0.90	cps
Rhodium	103-2	468773	459060	410221	446018	7.04	cps
Scandium	45-1	1302098	1281513	1284564	1289392	0.86	cps
Scandium	45-2	55136	53757	48156	52350	7.06	cps
Selenium	77-2	13	20	7	13	49.99	cps
Selenium	78-2	61	76	63	67	12.11	cps
Selenium	82-1	355	339	335	343	3.10	cps
Silicon	28-1	88796	89342	86894	88344	1.46	cps
Silver	109-1	2784	2384	2642	2603	7.79	cps
Silver	107-1	2942	2900	2967	2937	1.15	cps
Sodium	23-2	118028	116692	117903	117541	0.63	cps
Strontium	86-1	950	942	1117	1003	9.84	cps
Strontium	88-1	8319	7903	7844	8022	3.23	cps
Sulfur	34-1	118804	120258	115537	118199	2.05	cps
Terbium	159-1	1346851	1345886	1352443	1348393	0.26	cps
Terbium	159-2	733489	720036	637343	696956	7.47	cps
Thallium	203-1	1617	1558	1550	1575	2.31	cps
Thallium	205-1	4568	4243	4334	4381	3.83	cps
Thorium	232-1	7425	6969	7347	7247	3.36	cps
Tin	118-1	9320	8995	9470	9262	2.62	cps
Titanium	47-1	3250	3584	3275	3370	5.51	cps
Uranium	238-1	7478	7477	6977	7311	3.95	cps
Vanadium	51-2	4768	4948	4728	4814	2.44	cps
Yttrium	89-1	1449989	1441326	1451608	1447641	0.38	cps
Yttrium	89-2	200907	196806	174069	190594	7.59	cps

LB Number :	LB104231	Operator :	Jaswal
Lab Sample ID :	PB121428BS	Instrumnet Name :	P7
Client Sample ID :	LCS428	Dilution Factor :	1
Date & Time Acquired ::	2019-07-24 13:45:36	DataFile Name :	026LCSE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zinc	66-2	303	287	327	306	6.58	cps
Zirconium	90-1	4684	5151	4701	4845	5.47	cps
Zirconium	91-1	1133	1158	1192	1161	2.52	cps

LB Number :	LB104231	Operator :	Jaswal
Lab Sample ID :	K3766-10	Instrumnet Name :	P7
Client Sample ID :	MA52T5	Dilution Factor :	1
Date & Time Acquired ::	2019-07-24 13:49:13	DataFile Name :	027SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	6710	7052	6743	6835	2.76	cps
Antimony	121-1	7294	6377	7110	6927	7.01	cps
Arsenic	75-2	335	315	381	344	9.94	cps
Barium	135-1	16444	17854	16252	16850	5.19	cps
Barium	137-1	29390	28848	28922	29053	1.01	cps
Beryllium	9-1	3344	3304	3134	3260	3.42	cps
Bismuth	209-1	739275	720209	721633	727039	1.46	cps
Bismuth	209-2	480185	486398	487575	484719	0.82	cps
Boron	10-1	1133	1058	875	1022	13.00	cps
Boron	11-1	4242	4009	3642	3965	7.63	cps
Cadmium	111-1	1086	1074	1176	1112	5.04	cps
Cadmium	106-1	575	575	508	553	6.96	cps
Cadmium	108-1	83	113	96	97	15.05	cps
Calcium	43-1	1884	1992	1875	1917	3.40	cps
Calcium	44-1	32454	33439	31183	32359	3.49	cps
Chromium	52-2	4824	4918	4978	4906	1.58	cps
Cobalt	59-2	4491	4534	4431	4485	1.16	cps
Copper	63-2	3847	3847	3937	3877	1.34	cps
Dysprosium	156-1	142	108	158	136	18.70	cps
Dysprosium	156-2	73	77	100	83	17.44	cps
Erbium	164-1	117	92	142	117	21.43	cps
Erbium	164-2	67	37	53	52	28.78	cps
Gadolinium	160-1	75	92	158	108	40.71	cps
Gadolinium	160-2	87	97	90	91	5.59	cps
Holmium	165-1	1311143	1313614	1330718	1318492	0.81	cps
Holmium	165-2	737729	746437	749291	744486	0.81	cps
Indium	115-1	977447	960327	963638	967137	0.94	cps
Indium	115-2	200378	201181	202338	201299	0.49	cps
Iron	56-2	65513	65000	66081	65531	0.83	cps
Iron	57-2	1645	1728	1650	1674	2.78	cps
Krypton	83-1	50	57	70	59	17.29	cps
Lead	206-1	5318	5140	5062	5173	2.53	cps
Lead	207-1	4545	4506	4390	4480	1.81	cps
Lead	208-1	20935	20340	20234	20503	1.84	cps
Lithium	6-1	1077076	1068310	1081138	1075508	0.61	cps
Magnesium	24-2	5159	5084	5084	5109	0.85	cps

LB Number :	LB104231	Operator :	Jaswal
Lab Sample ID :	K3766-10	Instrumnet Name :	P7
Client Sample ID :	MA52T5	Dilution Factor :	1
Date & Time Acquired ::	2019-07-24 13:49:13	DataFile Name :	027SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	2404	2354	2224	2327	3.99	cps
Molybdenum	94-1	758	783	850	797	5.94	cps
Molybdenum	95-1	42	42	75	53	36.46	cps
Molybdenum	96-1	208	258	167	211	21.74	cps
Molybdenum	97-1	17	42	17	25	57.73	cps
Molybdenum	98-1	50	75	92	72	29.04	cps
Neodymium	150-1	293	307	320	307	4.35	cps
Neodymium	150-2	123	110	90	108	15.57	cps
Nickel	60-2	1043	1063	1137	1081	4.55	cps
Phosphorus	31-2	50	25	67	47	44.41	cps
Potassium	39-2	9578	9003	9195	9259	3.16	cps
Rhodium	103-1	995979	986569	979550	987366	0.83	cps
Rhodium	103-2	472897	476602	478781	476093	0.62	cps
Scandium	45-1	1333533	1302667	1324574	1320258	1.20	cps
Scandium	45-2	56283	55410	57227	56307	1.61	cps
Selenium	77-2	43	13	27	28	54.11	cps
Selenium	78-2	106	89	119	104	14.24	cps
Selenium	82-1	620	566	619	602	5.19	cps
Silicon	28-1	462695	451809	457825	457443	1.19	cps
Silver	109-1	5193	5085	5351	5210	2.58	cps
Silver	107-1	5526	5551	5801	5626	2.70	cps
Sodium	23-2	10371	10529	10246	10382	1.37	cps
Strontium	86-1	1317	1258	1175	1250	5.70	cps
Strontium	88-1	11030	10646	10237	10638	3.72	cps
Sulfur	34-1	117082	114488	114857	115475	1.22	cps
Terbium	159-1	1380379	1377825	1385730	1381311	0.29	cps
Terbium	159-2	735706	746525	749898	744043	1.00	cps
Thallium	203-1	3359	3384	3892	3545	8.49	cps
Thallium	205-1	8303	8311	8570	8395	1.81	cps
Thorium	232-1	978	1017	911	969	5.51	cps
Tin	118-1	325	308	358	331	7.70	cps
Titanium	47-1	967	983	817	922	9.95	cps
Uranium	238-1	292	158	175	208	34.87	cps
Vanadium	51-2	9600	9750	9777	9709	0.98	cps
Yttrium	89-1	1477605	1469832	1481111	1476182	0.39	cps
Yttrium	89-2	200701	203577	205078	203119	1.10	cps

LB Number :	LB104231	Operator :	Jaswal
Lab Sample ID :	K3766-10	Instrumnet Name :	P7
Client Sample ID :	MA52T5	Dilution Factor :	1
Date & Time Acquired ::	2019-07-24 13:49:13	DataFile Name :	027SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zinc	66-2	1173	1137	1293	1201	6.82	cps
Zirconium	90-1	2417	2242	2459	2373	4.85	cps
Zirconium	91-1	458	700	592	583	20.75	cps

LB Number :	LB104231	Operator :	Jaswal
Lab Sample ID :	K3766-01	Instrumnet Name :	P7
Client Sample ID :	MA52G6	Dilution Factor :	1
Date & Time Acquired ::	2019-07-24 13:52:48	DataFile Name :	028SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	193976	191957	193410	193114	0.54	cps
Antimony	121-1	208	217	175	200	11.02	cps
Arsenic	75-2	5149	5257	5123	5176	1.37	cps
Barium	135-1	12431	12122	12331	12295	1.28	cps
Barium	137-1	20775	20716	20082	20524	1.87	cps
Beryllium	9-1	1060	1073	1020	1051	2.64	cps
Bismuth	209-1	758001	738490	735373	743955	1.65	cps
Bismuth	209-2	494770	496646	501116	497511	0.66	cps
Boron	10-1	883	725	700	769	12.92	cps
Boron	11-1	3551	3192	3401	3381	5.32	cps
Cadmium	111-1	102	146	129	126	17.90	cps
Cadmium	106-1	542	550	600	564	5.60	cps
Cadmium	108-1	75	79	100	85	15.81	cps
Calcium	43-1	15651	15242	14950	15281	2.30	cps
Calcium	44-1	256988	251244	250919	253050	1.35	cps
Chromium	52-2	174526	174363	175318	174736	0.29	cps
Cobalt	59-2	6108	5825	6001	5978	2.39	cps
Copper	63-2	72251	71641	72666	72186	0.71	cps
Dysprosium	156-1	2784	3050	2850	2895	4.79	cps
Dysprosium	156-2	1677	1820	1767	1755	4.13	cps
Erbium	164-1	2484	2442	2675	2534	4.91	cps
Erbium	164-2	1260	1373	1433	1356	6.49	cps
Gadolinium	160-1	2700	2892	2450	2681	8.26	cps
Gadolinium	160-2	1690	1570	1683	1648	4.09	cps
Holmium	165-1	1361140	1349888	1347223	1352750	0.55	cps
Holmium	165-2	764305	765610	767440	765785	0.21	cps
Indium	115-1	993918	966596	974035	978183	1.44	cps
Indium	115-2	201213	204986	204471	203556	1.01	cps
Iron	56-2	19500958	19443696	19548331	19497662	0.27	cps
Iron	57-2	459661	462185	459587	460477	0.32	cps
Krypton	83-1	60	53	60	58	6.67	cps
Lead	206-1	28999	28926	27752	28559	2.45	cps
Lead	207-1	24083	23761	22854	23566	2.71	cps
Lead	208-1	111371	109475	106077	108974	2.46	cps
Lithium	6-1	1111861	1095147	1100778	1102595	0.77	cps
Magnesium	24-2	116113	119170	117164	117482	1.32	cps

LB Number :	LB104231	Operator :	Jaswal
Lab Sample ID :	K3766-01	Instrumnet Name :	P7
Client Sample ID :	MA52G6	Dilution Factor :	1
Date & Time Acquired ::	2019-07-24 13:52:48	DataFile Name :	028SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	118237	117931	119016	118395	0.47	cps
Molybdenum	94-1	2792	2650	2892	2778	4.37	cps
Molybdenum	95-1	3826	3717	3792	3778	1.47	cps
Molybdenum	96-1	5051	4476	4393	4640	7.73	cps
Molybdenum	97-1	2209	2417	2492	2373	6.19	cps
Molybdenum	98-1	5818	5710	6177	5901	4.14	cps
Neodymium	150-1	5074	4828	4681	4861	4.09	cps
Neodymium	150-2	2060	2114	2274	2149	5.17	cps
Nickel	60-2	5164	4994	5168	5109	1.94	cps
Phosphorus	31-2	1258	1233	1283	1258	1.99	cps
Potassium	39-2	47477	47753	48631	47953	1.26	cps
Rhodium	103-1	1016065	993345	990417	999942	1.40	cps
Rhodium	103-2	486138	485509	486938	486195	0.15	cps
Scandium	45-1	1352292	1342282	1339222	1344599	0.51	cps
Scandium	45-2	58274	57695	58201	58057	0.54	cps
Selenium	77-2	23	27	7	19	56.72	cps
Selenium	78-2	26	24	17	22	22.04	cps
Selenium	82-1	38	45	26	36	26.20	cps
Silicon	28-1	4446811	4403302	4444512	4431542	0.55	cps
Silver	109-1	575	392	575	514	20.60	cps
Silver	107-1	483	475	433	464	5.77	cps
Sodium	23-2	42127	42077	41985	42063	0.17	cps
Strontium	86-1	5951	5643	6102	5899	3.96	cps
Strontium	88-1	51368	51845	49846	51019	2.05	cps
Sulfur	34-1	110004	106479	104011	106832	2.82	cps
Terbium	159-1	1414042	1405024	1414272	1411113	0.37	cps
Terbium	159-2	753284	755997	768004	759095	1.03	cps
Thallium	203-1	183	108	108	133	32.47	cps
Thallium	205-1	325	350	242	306	18.56	cps
Thorium	232-1	14147	13974	13847	13989	1.08	cps
Tin	118-1	235162	227573	225789	229508	2.17	cps
Titanium	47-1	78123	75954	77069	77049	1.41	cps
Uranium	238-1	13466	13983	14233	13894	2.82	cps
Vanadium	51-2	15138	14928	15088	15051	0.73	cps
Yttrium	89-1	1564872	1546547	1548528	1553316	0.65	cps
Yttrium	89-2	211865	212761	214415	213013	0.61	cps

LB Number :	LB104231	Operator :	Jaswal
Lab Sample ID :	K3766-01	Instrumnet Name :	P7
Client Sample ID :	MA52G6	Dilution Factor :	1
Date & Time Acquired ::	2019-07-24 13:52:48	DataFile Name :	028SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zinc	66-2	6592	6285	6281	6386	2.79	cps
Zirconium	90-1	2275	2200	2300	2259	2.30	cps
Zirconium	91-1	550	567	567	561	1.72	cps

LB Number :	LB104231	Operator :	Jaswal
Lab Sample ID :	K3766-02	Instrumnet Name :	P7
Client Sample ID :	MA52G9	Dilution Factor :	1
Date & Time Acquired ::	2019-07-24 13:56:24	DataFile Name :	029SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	1171683	1179043	1191421	1180716	0.84	cps
Antimony	121-1	433	467	308	403	20.72	cps
Arsenic	75-2	1846	1798	1867	1837	1.92	cps
Barium	135-1	95771	96434	92248	94818	2.37	cps
Barium	137-1	167894	165063	163099	165352	1.46	cps
Beryllium	9-1	3140	3404	3244	3263	4.07	cps
Bismuth	209-1	746582	744896	722895	738124	1.79	cps
Bismuth	209-2	480193	484881	488947	484673	0.90	cps
Boron	10-1	1633	1558	1633	1608	2.69	cps
Boron	11-1	6877	6827	6760	6821	0.86	cps
Cadmium	111-1	242	302	380	308	22.39	cps
Cadmium	106-1	392	583	550	508	20.14	cps
Cadmium	108-1	46	21	38	35	36.66	cps
Calcium	43-1	124428	122504	120840	122591	1.46	cps
Calcium	44-1	2054977	2069989	2063842	2062936	0.37	cps
Chromium	52-2	108733	109143	110947	109608	1.07	cps
Cobalt	59-2	13580	14197	13857	13878	2.23	cps
Copper	63-2	55940	56187	56733	56287	0.72	cps
Dysprosium	156-1	18271	18288	19131	18563	2.65	cps
Dysprosium	156-2	10391	10668	10821	10626	2.05	cps
Erbium	164-1	11997	12239	11680	11972	2.34	cps
Erbium	164-2	7109	6982	6812	6967	2.14	cps
Gadolinium	160-1	14683	13958	13858	14166	3.18	cps
Gadolinium	160-2	9033	9006	9327	9122	1.95	cps
Holmium	165-1	1350937	1362909	1359124	1357657	0.45	cps
Holmium	165-2	749864	762684	761114	757887	0.92	cps
Indium	115-1	977355	959071	942666	959697	1.81	cps
Indium	115-2	194778	198008	198257	197014	0.99	cps
Iron	56-2	14843130	14863877	14919402	14875470	0.27	cps
Iron	57-2	354843	357364	356023	356077	0.35	cps
Krypton	83-1	73	83	77	78	6.55	cps
Lead	206-1	73123	73542	70475	72380	2.30	cps
Lead	207-1	60176	59801	58964	59647	1.04	cps
Lead	208-1	282835	281207	275309	279784	1.42	cps
Lithium	6-1	1085164	1084677	1063372	1077737	1.15	cps
Magnesium	24-2	560561	565777	567938	564759	0.67	cps

LB Number :	LB104231	Operator :	Jaswal
Lab Sample ID :	K3766-02	Instrumnet Name :	P7
Client Sample ID :	MA52G9	Dilution Factor :	1
Date & Time Acquired ::	2019-07-24 13:56:24	DataFile Name :	029SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	239910	240214	243179	241101	0.75	cps
Molybdenum	94-1	2525	2509	2117	2384	9.70	cps
Molybdenum	95-1	1242	1392	1308	1314	5.72	cps
Molybdenum	96-1	1909	2192	1984	2028	7.24	cps
Molybdenum	97-1	800	933	942	892	8.91	cps
Molybdenum	98-1	2325	2200	2209	2245	3.11	cps
Neodymium	150-1	30161	28944	28517	29207	2.92	cps
Neodymium	150-2	13010	12723	13053	12929	1.39	cps
Nickel	60-2	10070	9933	10150	10051	1.09	cps
Phosphorus	31-2	2217	2275	2367	2286	3.31	cps
Potassium	39-2	211831	213989	215475	213765	0.86	cps
Rhodium	103-1	991757	962887	949643	968095	2.22	cps
Rhodium	103-2	454022	464714	463008	460581	1.25	cps
Scandium	45-1	1297965	1280760	1263714	1280813	1.34	cps
Scandium	45-2	54339	55634	55922	55298	1.52	cps
Selenium	77-2	117	100	107	108	7.78	cps
Selenium	78-2	89	93	85	89	4.16	cps
Selenium	82-1	176	109	168	151	24.10	cps
Silicon	28-1	5862994	5878049	5815583	5852208	0.56	cps
Silver	109-1	1008	1108	1083	1067	4.88	cps
Silver	107-1	1133	1117	958	1070	9.03	cps
Sodium	23-2	233068	234134	235826	234343	0.59	cps
Strontium	86-1	57139	55676	54354	55723	2.50	cps
Strontium	88-1	477765	474156	462386	471436	1.71	cps
Sulfur	34-1	148912	143856	140019	144262	3.09	cps
Terbium	159-1	1412042	1438351	1407725	1419373	1.17	cps
Terbium	159-2	745044	755705	755391	752047	0.81	cps
Thallium	203-1	650	642	650	647	0.74	cps
Thallium	205-1	1650	1467	1692	1603	7.47	cps
Thorium	232-1	9809	9826	9682	9772	0.81	cps
Tin	118-1	10788	10479	10721	10663	1.52	cps
Titanium	47-1	215283	217421	215409	216038	0.56	cps
Uranium	238-1	61504	62459	59562	61175	2.41	cps
Vanadium	51-2	34036	34454	34186	34225	0.62	cps
Yttrium	89-1	1670424	1666214	1643920	1660186	0.86	cps
Yttrium	89-2	222618	227400	224885	224968	1.06	cps

LB Number :	LB104231	Operator :	Jaswal
Lab Sample ID :	K3766-02	Instrumnet Name :	P7
Client Sample ID :	MA52G9	Dilution Factor :	1
Date & Time Acquired ::	2019-07-24 13:56:24	DataFile Name :	029SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zinc	66-2	11765	11788	12499	12017	3.47	cps
Zirconium	90-1	3984	4134	3967	4028	2.28	cps
Zirconium	91-1	867	1117	892	958	14.37	cps

LB Number :	LB104231	Operator :	Jaswal
Lab Sample ID :	K3766-03	Instrumnet Name :	P7
Client Sample ID :	MA52H5	Dilution Factor :	1
Date & Time Acquired ::	2019-07-24 14:00:00	DataFile Name :	030SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	682665	697361	693586	691204	1.10	cps
Antimony	121-1	150	117	192	153	24.60	cps
Arsenic	75-2	732	639	672	681	6.89	cps
Barium	135-1	44297	44714	44030	44347	0.78	cps
Barium	137-1	79569	78874	76594	78346	1.99	cps
Beryllium	9-1	1190	1163	1053	1136	6.38	cps
Bismuth	209-1	724344	722693	717499	721512	0.50	cps
Bismuth	209-2	471055	476807	476978	474947	0.71	cps
Boron	10-1	842	767	875	828	6.70	cps
Boron	11-1	3801	3626	3942	3790	4.19	cps
Cadmium	111-1	143	169	196	169	15.74	cps
Cadmium	106-1	383	408	525	439	17.23	cps
Cadmium	108-1	13	0	13	8	86.60	cps
Calcium	43-1	31150	31142	30958	31084	0.35	cps
Calcium	44-1	509509	508521	497576	505202	1.31	cps
Chromium	52-2	42545	41936	42234	42238	0.72	cps
Cobalt	59-2	7235	6842	7012	7030	2.81	cps
Copper	63-2	32757	33415	32770	32981	1.14	cps
Dysprosium	156-1	3884	4117	4209	4070	4.12	cps
Dysprosium	156-2	2497	2354	2414	2421	2.97	cps
Erbium	164-1	2450	2675	2584	2570	4.40	cps
Erbium	164-2	1570	1560	1517	1549	1.83	cps
Gadolinium	160-1	3342	2934	3084	3120	6.62	cps
Gadolinium	160-2	2034	2150	1857	2014	7.34	cps
Holmium	165-1	1313319	1335969	1334589	1327959	0.96	cps
Holmium	165-2	726198	739576	732502	732758	0.91	cps
Indium	115-1	949736	938363	935806	941302	0.79	cps
Indium	115-2	189851	192900	191573	191441	0.80	cps
Iron	56-2	8421449	8459225	8343990	8408221	0.70	cps
Iron	57-2	197516	201520	197370	198802	1.18	cps
Krypton	83-1	67	47	47	53	21.65	cps
Lead	206-1	29979	29672	29216	29622	1.30	cps
Lead	207-1	24695	24573	23199	24156	3.44	cps
Lead	208-1	114693	114242	112177	113704	1.18	cps
Lithium	6-1	1034301	1030404	1023269	1029325	0.54	cps
Magnesium	24-2	348009	347364	345765	347046	0.33	cps

LB Number :	LB104231	Operator :	Jaswal
Lab Sample ID :	K3766-03	Instrumnet Name :	P7
Client Sample ID :	MA52H5	Dilution Factor :	1
Date & Time Acquired ::	2019-07-24 14:00:00	DataFile Name :	030SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	79256	79637	78833	79242	0.51	cps
Molybdenum	94-1	683	792	808	761	8.92	cps
Molybdenum	95-1	667	675	667	669	0.72	cps
Molybdenum	96-1	825	842	933	867	6.73	cps
Molybdenum	97-1	292	392	467	383	22.90	cps
Molybdenum	98-1	1242	1100	1000	1114	10.90	cps
Neodymium	150-1	6435	6275	5975	6228	3.75	cps
Neodymium	150-2	2724	2840	2794	2786	2.11	cps
Nickel	60-2	5038	5104	4998	5046	1.07	cps
Phosphorus	31-2	542	675	700	639	13.32	cps
Potassium	39-2	104902	106363	106916	106060	0.98	cps
Rhodium	103-1	956839	947699	934048	946195	1.21	cps
Rhodium	103-2	446964	456397	454640	452667	1.11	cps
Scandium	45-1	1279596	1265380	1254549	1266508	0.99	cps
Scandium	45-2	52958	53557	53667	53394	0.71	cps
Selenium	77-2	27	17	7	17	59.99	cps
Selenium	78-2	19	30	24	24	23.08	cps
Selenium	82-1	53	93	51	66	36.01	cps
Silicon	28-1	3674897	3694088	3676332	3681772	0.29	cps
Silver	109-1	442	267	250	319	33.24	cps
Silver	107-1	217	400	283	300	30.93	cps
Sodium	23-2	77115	78983	78548	78216	1.25	cps
Strontium	86-1	17111	17319	17253	17228	0.62	cps
Strontium	88-1	146575	147839	143680	146031	1.46	cps
Sulfur	34-1	87423	84640	83819	85294	2.21	cps
Terbium	159-1	1372034	1388592	1384907	1381845	0.63	cps
Terbium	159-2	721156	734804	727366	727775	0.94	cps
Thallium	203-1	367	400	333	367	9.09	cps
Thallium	205-1	917	908	867	897	2.99	cps
Thorium	232-1	3395	3456	3384	3412	1.14	cps
Tin	118-1	3709	3617	3951	3759	4.58	cps
Titanium	47-1	176646	175601	175095	175780	0.45	cps
Uranium	238-1	26303	27472	26536	26770	2.31	cps
Vanadium	51-2	17410	17534	17380	17442	0.47	cps
Yttrium	89-1	1478204	1477001	1480660	1478622	0.13	cps
Yttrium	89-2	200171	199947	200120	200079	0.06	cps

LB Number :	LB104231	Operator :	Jaswal
Lab Sample ID :	K3766-03	Instrumnet Name :	P7
Client Sample ID :	MA52H5	Dilution Factor :	1
Date & Time Acquired ::	2019-07-24 14:00:00	DataFile Name :	030SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zinc	66-2	5491	5541	5131	5388	4.15	cps
Zirconium	90-1	1117	967	1042	1042	7.20	cps
Zirconium	91-1	250	325	233	269	18.12	cps

LB Number :	LB104231	Operator :	Jaswal
Lab Sample ID :	K3766-04	Instrumnet Name :	P7
Client Sample ID :	MA52H6	Dilution Factor :	1
Date & Time Acquired ::	2019-07-24 14:03:35	DataFile Name :	031SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	97693	97273	97415	97461	0.22	cps
Antimony	121-1	208	242	192	214	11.90	cps
Arsenic	75-2	422	459	446	443	4.25	cps
Barium	135-1	10454	10112	10705	10424	2.85	cps
Barium	137-1	18137	17945	18046	18043	0.53	cps
Beryllium	9-1	283	227	220	243	14.30	cps
Bismuth	209-1	735658	721286	716243	724396	1.39	cps
Bismuth	209-2	470228	474845	476901	473991	0.72	cps
Boron	10-1	658	742	725	708	6.23	cps
Boron	11-1	2559	2525	2725	2603	4.12	cps
Cadmium	111-1	76	0	-19	19	262.44	cps
Cadmium	106-1	742	617	592	650	12.36	cps
Cadmium	108-1	163	242	238	214	20.83	cps
Calcium	43-1	17845	17177	16727	17250	3.26	cps
Calcium	44-1	284081	281998	283912	283330	0.41	cps
Chromium	52-2	1062002	1063839	1073571	1066471	0.58	cps
Cobalt	59-2	1677	1707	1773	1719	2.88	cps
Copper	63-2	586745	589869	594561	590392	0.67	cps
Dysprosium	156-1	1408	1242	1375	1342	6.57	cps
Dysprosium	156-2	893	813	800	836	6.04	cps
Erbium	164-1	1075	1000	1150	1075	6.98	cps
Erbium	164-2	643	640	577	620	6.06	cps
Gadolinium	160-1	1250	1317	1167	1245	6.04	cps
Gadolinium	160-2	720	773	823	772	6.69	cps
Holmium	165-1	1318637	1309602	1306316	1311518	0.49	cps
Holmium	165-2	713173	719649	719307	717376	0.51	cps
Indium	115-1	938929	913616	914039	922195	1.57	cps
Indium	115-2	186748	187579	187968	187432	0.33	cps
Iron	56-2	3015279	2989514	3009416	3004736	0.45	cps
Iron	57-2	71345	70184	71089	70873	0.86	cps
Krypton	83-1	63	60	47	57	15.56	cps
Lead	206-1	147526	146645	146330	146833	0.42	cps
Lead	207-1	116870	114035	114461	115122	1.33	cps
Lead	208-1	558953	554155	547871	553659	1.00	cps
Lithium	6-1	991174	982102	977376	983551	0.71	cps
Magnesium	24-2	58859	57001	58548	58136	1.71	cps

LB Number :	LB104231	Operator :	Jaswal
Lab Sample ID :	K3766-04	Instrumnet Name :	P7
Client Sample ID :	MA52H6	Dilution Factor :	1
Date & Time Acquired ::	2019-07-24 14:03:35	DataFile Name :	031SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	32339	32038	31641	32006	1.09	cps
Molybdenum	94-1	650	542	558	583	10.00	cps
Molybdenum	95-1	475	500	533	503	5.82	cps
Molybdenum	96-1	600	575	633	603	4.85	cps
Molybdenum	97-1	300	383	300	328	14.68	cps
Molybdenum	98-1	817	833	758	803	4.91	cps
Neodymium	150-1	2114	2294	2267	2225	4.37	cps
Neodymium	150-2	963	1123	1127	1071	8.72	cps
Nickel	60-2	3147	2970	3044	3054	2.91	cps
Phosphorus	31-2	608	575	550	578	5.07	cps
Potassium	39-2	22476	22317	22326	22373	0.40	cps
Rhodium	103-1	958774	936011	920798	938528	2.04	cps
Rhodium	103-2	445001	447550	449305	447285	0.48	cps
Scandium	45-1	1239395	1222980	1211893	1224756	1.13	cps
Scandium	45-2	51325	51145	51024	51165	0.30	cps
Selenium	77-2	17	0	13	10	88.20	cps
Selenium	78-2	13	20	17	17	22.23	cps
Selenium	82-1	33	44	43	40	15.29	cps
Silicon	28-1	2351002	2338757	2361729	2350496	0.49	cps
Silver	109-1	908	992	1017	972	5.83	cps
Silver	107-1	1100	942	1142	1061	9.94	cps
Sodium	23-2	30699	29939	31309	30649	2.24	cps
Strontium	86-1	8795	8311	7694	8267	6.67	cps
Strontium	88-1	74452	73212	72567	73410	1.30	cps
Sulfur	34-1	78557	77234	79587	78459	1.50	cps
Terbium	159-1	1376515	1363640	1355547	1365234	0.77	cps
Terbium	159-2	707469	712116	717604	712396	0.71	cps
Thallium	203-1	67	83	83	78	12.37	cps
Thallium	205-1	225	192	183	200	11.02	cps
Thorium	232-1	1650	1567	1650	1622	2.97	cps
Tin	118-1	183121	179837	181012	181323	0.92	cps
Titanium	47-1	43465	42863	41953	42760	1.78	cps
Uranium	238-1	4893	4718	4851	4821	1.90	cps
Vanadium	51-2	4891	4828	5078	4932	2.64	cps
Yttrium	89-1	1448202	1429852	1433689	1437248	0.67	cps
Yttrium	89-2	190200	192291	192146	191546	0.61	cps

LB Number :	LB104231	Operator :	Jaswal
Lab Sample ID :	K3766-04	Instrumnet Name :	P7
Client Sample ID :	MA52H6	Dilution Factor :	1
Date & Time Acquired ::	2019-07-24 14:03:35	DataFile Name :	031SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zinc	66-2	2017	1870	1837	1908	5.02	cps
Zirconium	90-1	800	692	775	756	7.51	cps
Zirconium	91-1	150	242	142	178	31.21	cps

LB Number :	LB104231	Operator :	Jaswal
Lab Sample ID :	K3766-05	Instrumnet Name :	P7
Client Sample ID :	MA52H7	Dilution Factor :	1
Date & Time Acquired ::	2019-07-24 14:07:11	DataFile Name :	032SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	656901	665484	670044	664143	1.00	cps
Antimony	121-1	83	83	100	89	10.82	cps
Arsenic	75-2	719	665	767	717	7.11	cps
Barium	135-1	45434	45517	44723	45225	0.97	cps
Barium	137-1	78823	80601	79016	79480	1.23	cps
Beryllium	9-1	1273	1293	1163	1243	5.63	cps
Bismuth	209-1	741237	738727	729134	736366	0.87	cps
Bismuth	209-2	476869	475556	475168	475865	0.19	cps
Boron	10-1	908	758	792	820	9.61	cps
Boron	11-1	3359	3050	3209	3206	4.81	cps
Cadmium	111-1	120	117	108	115	5.57	cps
Cadmium	106-1	458	383	467	436	10.53	cps
Cadmium	108-1	13	8	21	14	45.83	cps
Calcium	43-1	22075	21725	20874	21558	2.87	cps
Calcium	44-1	352568	347733	351357	350553	0.72	cps
Chromium	52-2	51828	52487	53162	52492	1.27	cps
Cobalt	59-2	14064	14554	14534	14384	1.93	cps
Copper	63-2	21826	22270	22397	22165	1.35	cps
Dysprosium	156-1	7969	7936	8061	7989	0.81	cps
Dysprosium	156-2	4628	4804	4761	4731	1.95	cps
Erbium	164-1	5501	5326	5410	5412	1.62	cps
Erbium	164-2	2934	2894	3027	2951	2.32	cps
Gadolinium	160-1	6110	6218	6118	6149	0.98	cps
Gadolinium	160-2	4064	3847	4087	4000	3.31	cps
Holmium	165-1	1349579	1372090	1375134	1365601	1.02	cps
Holmium	165-2	741355	739110	741615	740694	0.19	cps
Indium	115-1	962870	943925	951030	952608	1.00	cps
Indium	115-2	190274	189879	193468	191207	1.03	cps
Iron	56-2	19148210	19014418	19091253	19084627	0.35	cps
Iron	57-2	447831	450917	451439	450062	0.43	cps
Krypton	83-1	70	57	70	66	11.74	cps
Lead	206-1	19059	17951	18714	18575	3.05	cps
Lead	207-1	15548	14558	14436	14848	4.11	cps
Lead	208-1	72071	68698	69957	70242	2.43	cps
Lithium	6-1	1036064	1040354	1045101	1040506	0.43	cps
Magnesium	24-2	728310	725079	732846	728745	0.54	cps

LB Number :	LB104231	Operator :	Jaswal
Lab Sample ID :	K3766-05	Instrumnet Name :	P7
Client Sample ID :	MA52H7	Dilution Factor :	1
Date & Time Acquired ::	2019-07-24 14:07:11	DataFile Name :	032SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	160329	161575	163237	161714	0.90	cps
Molybdenum	94-1	3992	4101	4051	4048	1.34	cps
Molybdenum	95-1	1217	1258	1075	1183	8.12	cps
Molybdenum	96-1	2342	2359	2100	2267	6.38	cps
Molybdenum	97-1	883	808	850	847	4.44	cps
Molybdenum	98-1	2117	2284	2059	2153	5.42	cps
Neodymium	150-1	13113	12333	11979	12475	4.65	cps
Neodymium	150-2	5808	5778	5735	5774	0.64	cps
Nickel	60-2	9703	10084	10017	9935	2.04	cps
Phosphorus	31-2	867	975	1200	1014	16.77	cps
Potassium	39-2	504542	502122	508160	504941	0.60	cps
Rhodium	103-1	958063	949061	958362	955162	0.55	cps
Rhodium	103-2	450747	448163	450193	449701	0.30	cps
Scandium	45-1	1306336	1310457	1314552	1310448	0.31	cps
Scandium	45-2	53988	53781	53928	53899	0.20	cps
Selenium	77-2	17	67	47	43	58.07	cps
Selenium	78-2	35	50	22	36	38.82	cps
Selenium	82-1	36	68	52	52	30.55	cps
Silicon	28-1	3019700	3057139	3051127	3042655	0.66	cps
Silver	109-1	200	192	242	211	12.69	cps
Silver	107-1	125	183	242	183	31.82	cps
Sodium	23-2	68984	69545	70055	69528	0.77	cps
Strontium	86-1	11347	11113	11038	11166	1.44	cps
Strontium	88-1	94175	92649	93126	93317	0.84	cps
Sulfur	34-1	76438	77015	79956	77803	2.42	cps
Terbium	159-1	1408555	1426647	1424051	1419751	0.69	cps
Terbium	159-2	726373	729571	735136	730360	0.61	cps
Thallium	203-1	625	642	675	647	3.93	cps
Thallium	205-1	1375	1700	1517	1531	10.65	cps
Thorium	232-1	45290	45234	43517	44680	2.26	cps
Tin	118-1	3617	3484	3651	3584	2.46	cps
Titanium	47-1	551635	551961	544570	549389	0.76	cps
Uranium	238-1	18347	17863	17037	17749	3.73	cps
Vanadium	51-2	36415	36716	37484	36872	1.50	cps
Yttrium	89-1	1542151	1561738	1573823	1559237	1.03	cps
Yttrium	89-2	205431	207943	206555	206643	0.61	cps

LB Number :	LB104231	Operator :	Jaswal
Lab Sample ID :	K3766-05	Instrumnet Name :	P7
Client Sample ID :	MA52H7	Dilution Factor :	1
Date & Time Acquired ::	2019-07-24 14:07:11	DataFile Name :	032SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zinc	66-2	8439	8609	8583	8544	1.07	cps
Zirconium	90-1	9737	9970	9178	9629	4.23	cps
Zirconium	91-1	2150	2142	2017	2103	3.55	cps

LB Number :	LB104231	Operator :	Jaswal
Lab Sample ID :	K3766-06	Instrumnet Name :	P7
Client Sample ID :	MA52H8	Dilution Factor :	1
Date & Time Acquired ::	2019-07-24 14:10:47	DataFile Name :	033SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	552792	547933	552698	551141	0.50	cps
Antimony	121-1	58	83	75	72	17.62	cps
Arsenic	75-2	969	887	944	933	4.49	cps
Barium	135-1	43621	43268	43620	43503	0.47	cps
Barium	137-1	76796	75304	73772	75290	2.01	cps
Beryllium	9-1	953	930	940	941	1.24	cps
Bismuth	209-1	742781	726894	743478	737718	1.27	cps
Bismuth	209-2	475695	482496	485965	481385	1.09	cps
Boron	10-1	942	833	858	878	6.46	cps
Boron	11-1	3551	3384	3426	3453	2.51	cps
Cadmium	111-1	108	90	127	108	17.15	cps
Cadmium	106-1	358	350	492	400	19.87	cps
Cadmium	108-1	8	25	13	15	56.79	cps
Calcium	43-1	17853	18162	17811	17942	1.07	cps
Calcium	44-1	298396	291940	293022	294453	1.17	cps
Chromium	52-2	48419	48610	48811	48613	0.40	cps
Cobalt	59-2	13293	12849	12762	12968	2.19	cps
Copper	63-2	24223	24821	24781	24609	1.36	cps
Dysprosium	156-1	6727	6327	6310	6455	3.66	cps
Dysprosium	156-2	3514	3637	3681	3611	2.40	cps
Erbium	164-1	3992	4026	4067	4029	0.93	cps
Erbium	164-2	2357	2364	2364	2361	0.16	cps
Gadolinium	160-1	4834	4734	4784	4784	1.05	cps
Gadolinium	160-2	3027	3234	2867	3043	6.04	cps
Holmium	165-1	1350270	1346596	1380046	1358971	1.35	cps
Holmium	165-2	742530	739259	744232	742007	0.34	cps
Indium	115-1	946210	928094	936300	936868	0.97	cps
Indium	115-2	190049	190187	191233	190490	0.34	cps
Iron	56-2	16403347	16321065	16338618	16354343	0.26	cps
Iron	57-2	383229	384116	387785	385043	0.63	cps
Krypton	83-1	83	33	53	57	44.41	cps
Lead	206-1	18953	18586	18836	18792	1.00	cps
Lead	207-1	15737	15176	15877	15597	2.38	cps
Lead	208-1	74606	72251	73603	73487	1.61	cps
Lithium	6-1	1036178	1027936	1038751	1034289	0.55	cps
Magnesium	24-2	609727	611904	610889	610840	0.18	cps

LB Number :	LB104231	Operator :	Jaswal
Lab Sample ID :	K3766-06	Instrumnet Name :	P7
Client Sample ID :	MA52H8	Dilution Factor :	1
Date & Time Acquired ::	2019-07-24 14:10:47	DataFile Name :	033SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	150302	150352	150443	150365	0.05	cps
Molybdenum	94-1	2242	2017	2125	2128	5.29	cps
Molybdenum	95-1	783	967	892	881	10.47	cps
Molybdenum	96-1	1467	1600	1467	1511	5.09	cps
Molybdenum	97-1	558	608	542	569	6.09	cps
Molybdenum	98-1	1633	1442	1633	1570	7.05	cps
Neodymium	150-1	10311	10344	10691	10449	2.02	cps
Neodymium	150-2	4454	4654	4548	4552	2.20	cps
Nickel	60-2	8059	7952	8059	8023	0.77	cps
Phosphorus	31-2	633	892	1042	856	24.14	cps
Potassium	39-2	441602	443541	446393	443845	0.54	cps
Rhodium	103-1	952780	925736	951392	943302	1.61	cps
Rhodium	103-2	448427	452057	454029	451505	0.63	cps
Scandium	45-1	1280411	1268714	1271539	1273555	0.48	cps
Scandium	45-2	53045	52867	53804	53239	0.93	cps
Selenium	77-2	17	20	23	20	16.65	cps
Selenium	78-2	37	30	37	35	12.38	cps
Selenium	82-1	24	64	50	46	44.10	cps
Silicon	28-1	3483971	3513413	3496578	3497987	0.42	cps
Silver	109-1	125	142	250	172	39.41	cps
Silver	107-1	183	242	225	217	13.87	cps
Sodium	23-2	59770	60314	60564	60216	0.67	cps
Strontium	86-1	10104	9062	9837	9668	5.60	cps
Strontium	88-1	80627	78356	78624	79202	1.57	cps
Sulfur	34-1	82303	80727	79034	80688	2.03	cps
Terbium	159-1	1403318	1406632	1430538	1413496	1.05	cps
Terbium	159-2	733794	732265	743839	736633	0.85	cps
Thallium	203-1	508	542	408	486	14.27	cps
Thallium	205-1	1425	1475	1367	1422	3.81	cps
Thorium	232-1	34691	34262	34145	34366	0.84	cps
Tin	118-1	4768	4743	4476	4662	3.47	cps
Titanium	47-1	519189	516193	512599	515994	0.64	cps
Uranium	238-1	13449	13007	14208	13555	4.48	cps
Vanadium	51-2	30198	30308	30903	30469	1.24	cps
Yttrium	89-1	1511287	1501076	1535146	1515837	1.15	cps
Yttrium	89-2	203850	203939	203305	203698	0.17	cps

LB Number :	LB104231	Operator :	Jaswal
Lab Sample ID :	K3766-06	Instrumnet Name :	P7
Client Sample ID :	MA52H8	Dilution Factor :	1
Date & Time Acquired ::	2019-07-24 14:10:47	DataFile Name :	033SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zinc	66-2	7325	6982	7072	7126	2.50	cps
Zirconium	90-1	4626	4167	4326	4373	5.32	cps
Zirconium	91-1	892	917	1000	936	6.06	cps

LB Number :	LB104231	Operator :	Jaswal
Lab Sample ID :	K3766-07	Instrumnet Name :	P7
Client Sample ID :	MA52J1	Dilution Factor :	1
Date & Time Acquired ::	2019-07-24 14:14:23	DataFile Name :	034SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	121086	119349	120138	120191	0.72	cps
Antimony	121-1	267	283	333	294	11.78	cps
Arsenic	75-2	667	550	557	591	11.05	cps
Barium	135-1	9996	9420	9545	9654	3.14	cps
Barium	137-1	16602	16444	16886	16644	1.35	cps
Beryllium	9-1	290	353	327	323	9.84	cps
Bismuth	209-1	736815	733487	720651	730318	1.17	cps
Bismuth	209-2	472855	471471	472741	472356	0.16	cps
Boron	10-1	542	542	433	506	12.37	cps
Boron	11-1	2109	2075	1984	2056	3.15	cps
Cadmium	111-1	143	152	168	154	8.09	cps
Cadmium	106-1	392	425	358	392	8.51	cps
Cadmium	108-1	21	0	0	7	173.21	cps
Calcium	43-1	19238	19271	19914	19475	1.96	cps
Calcium	44-1	309549	307022	302795	306455	1.11	cps
Chromium	52-2	8036	7812	7759	7869	1.87	cps
Cobalt	59-2	5008	4431	4711	4716	6.12	cps
Copper	63-2	5851	5728	5531	5703	2.83	cps
Dysprosium	156-1	2100	1433	1900	1811	18.89	cps
Dysprosium	156-2	1057	1043	1050	1050	0.63	cps
Erbium	164-1	1425	1458	1308	1397	5.64	cps
Erbium	164-2	703	777	740	740	4.96	cps
Gadolinium	160-1	1600	1533	1592	1575	2.31	cps
Gadolinium	160-2	980	947	940	956	2.24	cps
Holmium	165-1	1320755	1338487	1322687	1327310	0.73	cps
Holmium	165-2	723093	719002	714662	718919	0.59	cps
Indium	115-1	928063	937276	919745	928361	0.94	cps
Indium	115-2	188794	188464	185245	187501	1.05	cps
Iron	56-2	4016604	3948825	3957221	3974217	0.93	cps
Iron	57-2	92981	92188	92730	92633	0.44	cps
Krypton	83-1	67	70	53	63	13.93	cps
Lead	206-1	21379	21212	21318	21303	0.40	cps
Lead	207-1	17857	18168	17200	17742	2.79	cps
Lead	208-1	84508	83398	82747	83551	1.07	cps
Lithium	6-1	1002734	1008854	1003125	1004904	0.34	cps
Magnesium	24-2	120120	115450	114484	116685	2.58	cps

LB Number :	LB104231	Operator :	Jaswal
Lab Sample ID :	K3766-07	Instrumnet Name :	P7
Client Sample ID :	MA52J1	Dilution Factor :	1
Date & Time Acquired ::	2019-07-24 14:14:23	DataFile Name :	034SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	39623	39480	39423	39509	0.26	cps
Molybdenum	94-1	583	683	733	667	11.46	cps
Molybdenum	95-1	667	617	458	581	18.73	cps
Molybdenum	96-1	708	733	808	750	6.94	cps
Molybdenum	97-1	300	400	375	358	14.52	cps
Molybdenum	98-1	775	975	733	828	15.61	cps
Neodymium	150-1	2960	2987	2814	2920	3.20	cps
Neodymium	150-2	1373	1353	1267	1331	4.26	cps
Nickel	60-2	3054	3014	2797	2955	4.67	cps
Phosphorus	31-2	617	558	542	572	6.88	cps
Potassium	39-2	38167	37707	37758	37877	0.67	cps
Rhodium	103-1	943085	940007	930202	937765	0.72	cps
Rhodium	103-2	447296	442488	445327	445037	0.54	cps
Scandium	45-1	1220562	1215741	1209478	1215260	0.46	cps
Scandium	45-2	51024	49783	50479	50429	1.23	cps
Selenium	77-2	3	7	13	8	65.47	cps
Selenium	78-2	20	11	19	17	29.40	cps
Selenium	82-1	19	0	41	20	101.51	cps
Silicon	28-1	2329368	2331363	2333441	2331391	0.09	cps
Silver	109-1	108	133	67	103	32.77	cps
Silver	107-1	183	142	142	156	15.47	cps
Sodium	23-2	71488	70599	70189	70759	0.94	cps
Strontium	86-1	8886	8178	8361	8475	4.34	cps
Strontium	88-1	69921	69417	71319	70219	1.40	cps
Sulfur	34-1	96260	91354	90349	92654	3.41	cps
Terbium	159-1	1370006	1398660	1385244	1384636	1.04	cps
Terbium	159-2	714009	714806	717592	715469	0.26	cps
Thallium	203-1	158	75	108	114	36.83	cps
Thallium	205-1	250	283	292	275	8.02	cps
Thorium	232-1	3756	3328	3706	3597	6.50	cps
Tin	118-1	1083	1250	1200	1178	7.26	cps
Titanium	47-1	82958	84550	84123	83877	0.98	cps
Uranium	238-1	6944	6602	6460	6669	3.73	cps
Vanadium	51-2	6298	6355	6311	6321	0.47	cps
Yttrium	89-1	1432507	1455366	1451251	1446375	0.84	cps
Yttrium	89-2	193883	191515	192247	192548	0.63	cps

LB Number :	LB104231	Operator :	Jaswal
Lab Sample ID :	K3766-07	Instrumnet Name :	P7
Client Sample ID :	MA52J1	Dilution Factor :	1
Date & Time Acquired ::	2019-07-24 14:14:23	DataFile Name :	034SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zinc	66-2	3317	3464	3214	3332	3.77	cps
Zirconium	90-1	892	1000	883	925	7.04	cps
Zirconium	91-1	208	150	242	200	23.20	cps

LB Number :	LB104231	Operator :	Jaswal
Lab Sample ID :	K3766-12	Instrumnet Name :	P7
Client Sample ID :	MA52F9	Dilution Factor :	1
Date & Time Acquired ::	2019-07-24 14:18:00	DataFile Name :	035SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	195402	195376	197799	196192	0.71	cps
Antimony	121-1	183	150	192	175	12.60	cps
Arsenic	75-2	9859	10135	10126	10040	1.56	cps
Barium	135-1	12731	12006	12581	12439	3.08	cps
Barium	137-1	21426	21434	21100	21320	0.89	cps
Beryllium	9-1	520	590	577	562	6.61	cps
Bismuth	209-1	754646	741000	726708	740785	1.89	cps
Bismuth	209-2	473868	481249	474391	476503	0.86	cps
Boron	10-1	425	375	467	422	10.87	cps
Boron	11-1	1959	1975	1775	1903	5.83	cps
Cadmium	111-1	85	120	148	118	27.15	cps
Cadmium	106-1	392	475	442	436	9.62	cps
Cadmium	108-1	63	42	33	46	32.78	cps
Calcium	43-1	25005	25064	23336	24468	4.01	cps
Calcium	44-1	397171	396982	395741	396631	0.20	cps
Chromium	52-2	39209	38554	39122	38962	0.91	cps
Cobalt	59-2	7415	7262	7269	7315	1.19	cps
Copper	63-2	20718	20895	20708	20774	0.51	cps
Dysprosium	156-1	3934	3784	3542	3753	5.27	cps
Dysprosium	156-2	2370	2210	2244	2275	3.71	cps
Erbium	164-1	2792	2959	2959	2903	3.31	cps
Erbium	164-2	1743	1700	1777	1740	2.21	cps
Gadolinium	160-1	2967	2959	2767	2898	3.91	cps
Gadolinium	160-2	1873	2047	1950	1957	4.44	cps
Holmium	165-1	1354332	1357048	1336879	1349419	0.81	cps
Holmium	165-2	721268	731053	731614	727978	0.80	cps
Indium	115-1	958164	937664	926063	940630	1.73	cps
Indium	115-2	189094	188623	192512	190077	1.12	cps
Iron	56-2	17293827	17338558	17350570	17327652	0.17	cps
Iron	57-2	407778	406196	410483	408152	0.53	cps
Krypton	83-1	60	67	73	67	10.00	cps
Lead	206-1	13752	13591	13735	13693	0.65	cps
Lead	207-1	11077	11177	10693	10983	2.33	cps
Lead	208-1	52965	52102	51256	52108	1.64	cps
Lithium	6-1	1026527	1026274	1003762	1018854	1.28	cps
Magnesium	24-2	257136	257593	259440	258056	0.47	cps

LB Number :	LB104231	Operator :	Jaswal
Lab Sample ID :	K3766-12	Instrumnet Name :	P7
Client Sample ID :	MA52F9	Dilution Factor :	1
Date & Time Acquired ::	2019-07-24 14:18:00	DataFile Name :	035SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	90007	90365	91264	90545	0.72	cps
Molybdenum	94-1	6193	6085	6160	6146	0.90	cps
Molybdenum	95-1	8011	8011	8078	8033	0.48	cps
Molybdenum	96-1	8887	8937	9337	9053	2.73	cps
Molybdenum	97-1	4993	5326	5076	5132	3.38	cps
Molybdenum	98-1	12256	13023	12581	12620	3.05	cps
Neodymium	150-1	5568	5301	5174	5348	3.76	cps
Neodymium	150-2	2304	2287	2377	2322	2.06	cps
Nickel	60-2	6978	7025	7072	7025	0.66	cps
Phosphorus	31-2	800	917	850	856	6.84	cps
Potassium	39-2	104869	105220	106296	105462	0.70	cps
Rhodium	103-1	952852	958099	934970	948640	1.28	cps
Rhodium	103-2	448940	450071	451433	450148	0.28	cps
Scandium	45-1	1268004	1262471	1240789	1257088	1.14	cps
Scandium	45-2	52406	52904	52041	52450	0.83	cps
Selenium	77-2	17	7	17	13	43.29	cps
Selenium	78-2	26	20	26	24	13.33	cps
Selenium	82-1	41	33	24	33	25.90	cps
Silicon	28-1	3179341	3168588	3159292	3169074	0.32	cps
Silver	109-1	408	292	308	336	18.77	cps
Silver	107-1	483	467	400	450	9.80	cps
Sodium	23-2	65401	65477	66288	65722	0.75	cps
Strontium	86-1	8219	8378	7819	8139	3.54	cps
Strontium	88-1	68532	67618	67459	67870	0.85	cps
Sulfur	34-1	467459	460252	459870	462527	0.92	cps
Terbium	159-1	1415042	1424595	1402412	1414016	0.79	cps
Terbium	159-2	720848	719742	729683	723424	0.75	cps
Thallium	203-1	208	158	158	175	16.50	cps
Thallium	205-1	433	475	358	422	14.00	cps
Thorium	232-1	16539	16806	16767	16704	0.86	cps
Tin	118-1	40769	38404	39097	39423	3.08	cps
Titanium	47-1	191290	186733	185664	187895	1.59	cps
Uranium	238-1	48483	47931	46593	47669	2.04	cps
Vanadium	51-2	12115	12395	12479	12330	1.55	cps
Yttrium	89-1	1524250	1531517	1511147	1522305	0.68	cps
Yttrium	89-2	197595	201651	203723	200990	1.55	cps

LB Number :	LB104231	Operator :	Jaswal
Lab Sample ID :	K3766-12	Instrumnet Name :	P7
Client Sample ID :	MA52F9	Dilution Factor :	1
Date & Time Acquired ::	2019-07-24 14:18:00	DataFile Name :	035SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zinc	66-2	4191	4294	4224	4236	1.25	cps
Zirconium	90-1	3892	3834	4026	3917	2.51	cps
Zirconium	91-1	933	858	1058	950	10.64	cps

LB Number :	LB104231	Operator :	Jaswal
Lab Sample ID :	K3766-13	Instrumnet Name :	P7
Client Sample ID :	MA52G2	Dilution Factor :	1
Date & Time Acquired ::	2019-07-24 14:21:37	DataFile Name :	036SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	265581	266721	269572	267291	0.77	cps
Antimony	121-1	717	883	717	772	12.46	cps
Arsenic	75-2	802	763	782	782	2.49	cps
Barium	135-1	19398	18638	18772	18936	2.14	cps
Barium	137-1	32932	32280	33992	33068	2.61	cps
Beryllium	9-1	543	480	450	491	9.70	cps
Bismuth	209-1	727818	723677	722540	724678	0.38	cps
Bismuth	209-2	466666	471001	469853	469173	0.48	cps
Boron	10-1	383	342	408	378	8.92	cps
Boron	11-1	1625	1767	1667	1686	4.32	cps
Cadmium	111-1	113	120	77	103	22.32	cps
Cadmium	106-1	567	450	342	453	24.85	cps
Cadmium	108-1	42	17	29	29	42.85	cps
Calcium	43-1	22793	22668	22368	22610	0.97	cps
Calcium	44-1	365345	360826	359241	361804	0.88	cps
Chromium	52-2	27686	27309	28177	27724	1.57	cps
Cobalt	59-2	8733	8713	8513	8653	1.41	cps
Copper	63-2	15312	15605	14868	15261	2.43	cps
Dysprosium	156-1	4518	4985	4701	4734	4.97	cps
Dysprosium	156-2	2524	2754	2730	2669	4.74	cps
Erbium	164-1	3551	3351	3484	3462	2.94	cps
Erbium	164-2	1873	1930	1860	1888	1.97	cps
Gadolinium	160-1	3676	3642	3534	3617	2.05	cps
Gadolinium	160-2	2377	2360	2444	2394	1.84	cps
Holmium	165-1	1320258	1332037	1335424	1329239	0.60	cps
Holmium	165-2	723491	720547	719542	721193	0.28	cps
Indium	115-1	931995	926560	917951	925502	0.77	cps
Indium	115-2	186343	188808	186969	187373	0.68	cps
Iron	56-2	7680097	7608197	7662894	7650396	0.49	cps
Iron	57-2	177971	178556	181799	179442	1.15	cps
Krypton	83-1	53	63	43	53	18.75	cps
Lead	206-1	12973	12734	12668	12792	1.26	cps
Lead	207-1	10271	10343	10365	10326	0.48	cps
Lead	208-1	48992	48864	48057	48638	1.04	cps
Lithium	6-1	1005821	996175	994849	998948	0.60	cps
Magnesium	24-2	300513	300572	299266	300117	0.25	cps

LB Number :	LB104231	Operator :	Jaswal
Lab Sample ID :	K3766-13	Instrumnet Name :	P7
Client Sample ID :	MA52G2	Dilution Factor :	1
Date & Time Acquired ::	2019-07-24 14:21:37	DataFile Name :	036SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	133001	132876	134259	133379	0.57	cps
Molybdenum	94-1	6252	5660	5793	5901	5.26	cps
Molybdenum	95-1	1483	1092	1175	1250	16.51	cps
Molybdenum	96-1	2325	2117	2392	2278	6.30	cps
Molybdenum	97-1	1067	783	800	883	18.00	cps
Molybdenum	98-1	2100	2175	2142	2139	1.76	cps
Neodymium	150-1	7756	7182	7516	7484	3.85	cps
Neodymium	150-2	3417	3310	3287	3338	2.08	cps
Nickel	60-2	9070	9250	9396	9239	1.77	cps
Phosphorus	31-2	1342	1283	1183	1270	6.31	cps
Potassium	39-2	105011	106740	107857	106536	1.35	cps
Rhodium	103-1	944374	934424	934132	937643	0.62	cps
Rhodium	103-2	440551	445520	443229	443100	0.56	cps
Scandium	45-1	1255295	1233445	1225165	1237968	1.26	cps
Scandium	45-2	52560	51961	52289	52270	0.57	cps
Selenium	77-2	10	33	27	23	51.50	cps
Selenium	78-2	35	37	39	37	4.99	cps
Selenium	82-1	55	29	34	40	34.75	cps
Silicon	28-1	2370975	2356966	2399973	2375971	0.92	cps
Silver	109-1	208	225	200	211	6.03	cps
Silver	107-1	150	275	208	211	29.63	cps
Sodium	23-2	35259	35326	35292	35292	0.09	cps
Strontium	86-1	5460	5576	5393	5476	1.70	cps
Strontium	88-1	46067	46435	44980	45827	1.65	cps
Sulfur	34-1	82663	80886	80878	81476	1.26	cps
Terbium	159-1	1370815	1388046	1397932	1385598	0.99	cps
Terbium	159-2	707360	713484	713684	711509	0.51	cps
Thallium	203-1	208	117	83	136	47.55	cps
Thallium	205-1	350	408	367	375	8.01	cps
Thorium	232-1	33833	32869	32586	33096	1.98	cps
Tin	118-1	12114	12264	12748	12375	2.68	cps
Titanium	47-1	169851	165973	165174	166999	1.50	cps
Uranium	238-1	8720	8478	8178	8459	3.21	cps
Vanadium	51-2	13710	13737	13586	13678	0.59	cps
Yttrium	89-1	1476495	1487986	1480323	1481601	0.39	cps
Yttrium	89-2	196742	196581	195288	196204	0.41	cps

LB Number :	LB104231	Operator :	Jaswal
Lab Sample ID :	K3766-13	Instrumnet Name :	P7
Client Sample ID :	MA52G2	Dilution Factor :	1
Date & Time Acquired ::	2019-07-24 14:21:37	DataFile Name :	036SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zinc	66-2	5314	5104	5251	5223	2.06	cps
Zirconium	90-1	14533	16416	14349	15099	7.58	cps
Zirconium	91-1	3117	3042	3534	3231	8.20	cps

LB Number :	LB104231	Operator :	Jaswal
Lab Sample ID :	K3766-14	Instrumnet Name :	P7
Client Sample ID :	MA52G4	Dilution Factor :	1
Date & Time Acquired ::	2019-07-24 14:25:13	DataFile Name :	037SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	180897	181607	182821	181775	0.54	cps
Antimony	121-1	158	200	150	169	15.81	cps
Arsenic	75-2	5872	6005	6066	5981	1.66	cps
Barium	135-1	21901	22561	22177	22213	1.49	cps
Barium	137-1	38897	38078	39399	38791	1.72	cps
Beryllium	9-1	757	777	680	738	6.92	cps
Bismuth	209-1	745498	722360	720165	729341	1.92	cps
Bismuth	209-2	474640	482397	473738	476925	1.00	cps
Boron	10-1	500	475	542	506	6.66	cps
Boron	11-1	1717	1817	1842	1792	3.69	cps
Cadmium	111-1	141	135	96	124	19.84	cps
Cadmium	106-1	467	508	392	456	12.98	cps
Cadmium	108-1	21	42	58	40	46.65	cps
Calcium	43-1	13056	13440	13390	13295	1.57	cps
Calcium	44-1	217656	215185	213798	215546	0.91	cps
Chromium	52-2	125844	126655	123999	125499	1.08	cps
Cobalt	59-2	8793	8816	8886	8832	0.55	cps
Copper	63-2	75859	76512	74770	75713	1.16	cps
Dysprosium	156-1	3109	3125	3217	3151	1.85	cps
Dysprosium	156-2	1877	1797	1683	1786	5.44	cps
Erbium	164-1	2142	1859	2050	2017	7.17	cps
Erbium	164-2	1227	1297	1290	1271	3.04	cps
Gadolinium	160-1	2442	2359	2542	2448	3.75	cps
Gadolinium	160-2	1630	1603	1610	1615	0.86	cps
Holmium	165-1	1347435	1339936	1322629	1336667	0.95	cps
Holmium	165-2	727239	736671	725092	729667	0.84	cps
Indium	115-1	948743	931805	918671	933073	1.62	cps
Indium	115-2	187027	190402	188701	188710	0.89	cps
Iron	56-2	17789941	17818089	17576624	17728218	0.74	cps
Iron	57-2	415328	419272	414786	416462	0.59	cps
Krypton	83-1	50	47	53	50	6.66	cps
Lead	206-1	26126	25252	25775	25718	1.71	cps
Lead	207-1	20867	20232	20244	20448	1.78	cps
Lead	208-1	100166	95886	97335	97796	2.23	cps
Lithium	6-1	1015627	1001477	999737	1005614	0.87	cps
Magnesium	24-2	156982	159004	159034	158340	0.74	cps

LB Number :	LB104231	Operator :	Jaswal
Lab Sample ID :	K3766-14	Instrumnet Name :	P7
Client Sample ID :	MA52G4	Dilution Factor :	1
Date & Time Acquired ::	2019-07-24 14:25:13	DataFile Name :	037SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	288734	290923	285930	288529	0.87	cps
Molybdenum	94-1	3059	2909	2950	2973	2.61	cps
Molybdenum	95-1	3734	3684	3392	3603	5.12	cps
Molybdenum	96-1	4042	4159	3734	3978	5.52	cps
Molybdenum	97-1	2100	2209	2342	2217	5.46	cps
Molybdenum	98-1	5485	5568	5651	5568	1.50	cps
Neodymium	150-1	5001	5074	5281	5119	2.84	cps
Neodymium	150-2	2140	2227	2150	2172	2.18	cps
Nickel	60-2	5144	5605	5128	5292	5.11	cps
Phosphorus	31-2	725	850	958	845	13.83	cps
Potassium	39-2	77142	77327	76439	76969	0.61	cps
Rhodium	103-1	954145	941745	928224	941371	1.38	cps
Rhodium	103-2	445968	455144	447493	449535	1.09	cps
Scandium	45-1	1256034	1224293	1230302	1236876	1.36	cps
Scandium	45-2	52576	52041	51683	52100	0.86	cps
Selenium	77-2	13	10	13	12	15.73	cps
Selenium	78-2	17	26	24	22	22.04	cps
Selenium	82-1	48	42	29	40	23.48	cps
Silicon	28-1	3133651	3172382	3154419	3153484	0.61	cps
Silver	109-1	233	175	233	214	15.74	cps
Silver	107-1	183	233	250	222	15.61	cps
Sodium	23-2	34800	35058	34565	34808	0.71	cps
Strontium	86-1	5618	5526	5593	5579	0.85	cps
Strontium	88-1	49604	49453	48951	49336	0.69	cps
Sulfur	34-1	74269	75131	74017	74472	0.78	cps
Terbium	159-1	1399639	1394172	1408027	1400613	0.50	cps
Terbium	159-2	717832	725687	714357	719292	0.81	cps
Thallium	203-1	258	83	75	139	74.54	cps
Thallium	205-1	325	333	242	300	16.90	cps
Thorium	232-1	16511	15660	15526	15899	3.36	cps
Tin	118-1	61218	58514	57460	59064	3.28	cps
Titanium	47-1	108917	107508	108077	108167	0.66	cps
Uranium	238-1	7936	7611	7469	7672	3.12	cps
Vanadium	51-2	12122	11905	12082	12036	0.96	cps
Yttrium	89-1	1476469	1478544	1479139	1478051	0.09	cps
Yttrium	89-2	196754	200090	194720	197188	1.37	cps

LB Number :	LB104231	Operator :	Jaswal
Lab Sample ID :	K3766-14	Instrumnet Name :	P7
Client Sample ID :	MA52G4	Dilution Factor :	1
Date & Time Acquired ::	2019-07-24 14:25:13	DataFile Name :	037SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zinc	66-2	6118	6298	6021	6146	2.29	cps
Zirconium	90-1	2617	2259	2359	2411	7.67	cps
Zirconium	91-1	583	492	433	503	15.04	cps

LB Number :	LB104231	Operator :	Jaswal
Lab Sample ID :	K3766-15	Instrumnet Name :	P7
Client Sample ID :	MA52G4D	Dilution Factor :	1
Date & Time Acquired ::	2019-07-24 14:28:50	DataFile Name :	038SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	170022	172567	173174	171921	0.97	cps
Antimony	121-1	183	150	142	158	13.92	cps
Arsenic	75-2	5440	5573	5705	5573	2.38	cps
Barium	135-1	21810	20716	20850	21125	2.82	cps
Barium	137-1	37176	35705	35530	36137	2.50	cps
Beryllium	9-1	713	690	700	701	1.67	cps
Bismuth	209-1	741441	721203	715303	725982	1.89	cps
Bismuth	209-2	471141	470910	481469	474507	1.27	cps
Boron	10-1	425	383	375	394	6.79	cps
Boron	11-1	1759	1859	1767	1795	3.09	cps
Cadmium	111-1	138	115	99	117	16.81	cps
Cadmium	106-1	458	525	392	458	14.55	cps
Cadmium	108-1	58	88	42	63	37.12	cps
Calcium	43-1	12723	13048	12639	12803	1.69	cps
Calcium	44-1	207274	205180	201262	204572	1.49	cps
Chromium	52-2	117789	117221	118296	117768	0.46	cps
Cobalt	59-2	7809	7892	7992	7898	1.16	cps
Copper	63-2	71092	70087	70821	70666	0.74	cps
Dysprosium	156-1	3059	2700	2842	2867	6.30	cps
Dysprosium	156-2	1637	1623	1710	1657	2.82	cps
Erbium	164-1	2000	1900	2117	2006	5.41	cps
Erbium	164-2	1090	973	1160	1075	8.78	cps
Gadolinium	160-1	2509	2384	2400	2431	2.79	cps
Gadolinium	160-2	1580	1377	1443	1467	7.07	cps
Holmium	165-1	1347614	1340863	1323751	1337409	0.92	cps
Holmium	165-2	715963	722955	729492	722803	0.94	cps
Indium	115-1	950471	919874	903775	924706	2.57	cps
Indium	115-2	188625	186857	188618	188033	0.54	cps
Iron	56-2	16671755	16594476	16700106	16655446	0.33	cps
Iron	57-2	388614	387864	391252	389243	0.46	cps
Krypton	83-1	53	63	53	57	10.19	cps
Lead	206-1	24746	23950	23555	24083	2.52	cps
Lead	207-1	20322	18958	19543	19607	3.49	cps
Lead	208-1	95290	91146	91268	92568	2.55	cps
Lithium	6-1	1019928	1002709	995137	1005924	1.26	cps
Magnesium	24-2	150051	150465	152914	151143	1.02	cps

LB Number :	LB104231	Operator :	Jaswal
Lab Sample ID :	K3766-15	Instrumnet Name :	P7
Client Sample ID :	MA52G4D	Dilution Factor :	1
Date & Time Acquired ::	2019-07-24 14:28:50	DataFile Name :	038SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	270019	269976	274507	271500	0.96	cps
Molybdenum	94-1	2525	2692	2509	2575	3.94	cps
Molybdenum	95-1	3184	3342	3476	3334	4.38	cps
Molybdenum	96-1	4251	3659	3501	3803	10.40	cps
Molybdenum	97-1	1984	1892	2025	1967	3.47	cps
Molybdenum	98-1	5276	4984	4576	4946	7.11	cps
Neodymium	150-1	4641	4808	4608	4685	2.29	cps
Neodymium	150-2	2090	1984	2184	2086	4.80	cps
Nickel	60-2	4844	4968	4714	4842	2.62	cps
Phosphorus	31-2	942	883	917	914	3.20	cps
Potassium	39-2	72619	72754	73918	73097	0.98	cps
Rhodium	103-1	961110	940264	918205	939860	2.28	cps
Rhodium	103-2	443989	449235	450439	447888	0.77	cps
Scandium	45-1	1248589	1232761	1205013	1228788	1.80	cps
Scandium	45-2	51409	51449	52583	51814	1.29	cps
Selenium	77-2	13	17	7	12	41.65	cps
Selenium	78-2	26	17	28	23	25.37	cps
Selenium	82-1	29	49	50	43	27.35	cps
Silicon	28-1	3044714	3036212	3017200	3032708	0.46	cps
Silver	109-1	133	167	192	164	17.86	cps
Silver	107-1	225	258	267	250	8.82	cps
Sodium	23-2	31901	33455	33847	33068	3.11	cps
Strontium	86-1	6185	5560	5551	5765	6.30	cps
Strontium	88-1	47404	46242	46527	46724	1.30	cps
Sulfur	34-1	74360	73271	74092	73908	0.77	cps
Terbium	159-1	1405881	1402044	1384387	1397437	0.82	cps
Terbium	159-2	715219	716320	722470	718003	0.54	cps
Thallium	203-1	208	117	142	156	30.46	cps
Thallium	205-1	325	308	300	311	4.09	cps
Thorium	232-1	15053	14953	15087	15031	0.46	cps
Tin	118-1	57803	54933	53620	55452	3.86	cps
Titanium	47-1	103814	102857	100986	102552	1.40	cps
Uranium	238-1	7169	6835	6810	6938	2.88	cps
Vanadium	51-2	11254	11244	11268	11256	0.10	cps
Yttrium	89-1	1480324	1474828	1460500	1471884	0.70	cps
Yttrium	89-2	194663	194886	194754	194767	0.06	cps

LB Number :	LB104231	Operator :	Jaswal
Lab Sample ID :	K3766-15	Instrumnet Name :	P7
Client Sample ID :	MA52G4D	Dilution Factor :	1
Date & Time Acquired ::	2019-07-24 14:28:50	DataFile Name :	038SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zinc	66-2	5735	6145	6231	6037	4.40	cps
Zirconium	90-1	1942	1734	1750	1809	6.40	cps
Zirconium	91-1	400	433	450	428	5.95	cps

LB Number :	LB104231	Operator :	Jaswal
Lab Sample ID :	K3766-16	Instrumnet Name :	P7
Client Sample ID :	MA52G4S	Dilution Factor :	1
Date & Time Acquired ::	2019-07-24 14:32:26	DataFile Name :	039SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	168540	168977	170570	169362	0.63	cps
Antimony	121-1	21609	21334	21551	21498	0.67	cps
Arsenic	75-2	5395	5345	5488	5410	1.34	cps
Barium	135-1	135427	135571	132922	134640	1.11	cps
Barium	137-1	238754	236592	232756	236034	1.29	cps
Beryllium	9-1	7915	7675	7892	7828	1.69	cps
Bismuth	209-1	746086	730180	728746	735004	1.31	cps
Bismuth	209-2	474251	478523	485581	479452	1.19	cps
Boron	10-1	375	425	517	439	16.37	cps
Boron	11-1	1575	1900	1675	1717	9.70	cps
Cadmium	111-1	2900	2822	2822	2848	1.56	cps
Cadmium	106-1	675	692	533	633	13.74	cps
Cadmium	108-1	242	279	246	256	8.04	cps
Calcium	43-1	12022	12180	11930	12044	1.05	cps
Calcium	44-1	196565	193789	195038	195130	0.71	cps
Chromium	52-2	127512	129170	127962	128215	0.67	cps
Cobalt	59-2	74849	75429	75271	75183	0.40	cps
Copper	63-2	84670	85729	86232	85544	0.93	cps
Dysprosium	156-1	2525	3175	2542	2748	13.49	cps
Dysprosium	156-2	1533	1603	1610	1582	2.68	cps
Erbium	164-1	1884	1809	1967	1886	4.20	cps
Erbium	164-2	1070	1130	1163	1121	4.22	cps
Gadolinium	160-1	2050	2209	2075	2111	4.03	cps
Gadolinium	160-2	1447	1407	1440	1431	1.50	cps
Holmium	165-1	1353467	1359701	1351247	1354805	0.32	cps
Holmium	165-2	722566	731831	740591	731663	1.23	cps
Indium	115-1	946552	929219	923802	933191	1.27	cps
Indium	115-2	186936	192765	192294	190665	1.70	cps
Iron	56-2	15100678	15137862	15205344	15147961	0.35	cps
Iron	57-2	353659	353897	359629	355728	0.95	cps
Krypton	83-1	50	67	53	57	15.57	cps
Lead	206-1	26393	25386	25781	25853	1.96	cps
Lead	207-1	21329	19904	21000	20744	3.60	cps
Lead	208-1	101124	96718	97963	98602	2.30	cps
Lithium	6-1	1024691	1009496	1002189	1012125	1.13	cps
Magnesium	24-2	138972	143609	143850	142144	1.93	cps

LB Number :	LB104231	Operator :	Jaswal
Lab Sample ID :	K3766-16	Instrumnet Name :	P7
Client Sample ID :	MA52G4S	Dilution Factor :	1
Date & Time Acquired ::	2019-07-24 14:32:26	DataFile Name :	039SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	275368	278510	280314	278064	0.90	cps
Molybdenum	94-1	2325	2359	2225	2303	3.01	cps
Molybdenum	95-1	3059	2867	3034	2987	3.49	cps
Molybdenum	96-1	3834	3626	3459	3639	5.16	cps
Molybdenum	97-1	1850	1900	1884	1878	1.36	cps
Molybdenum	98-1	4951	4859	4484	4765	5.19	cps
Neodymium	150-1	4748	4688	4628	4688	1.28	cps
Neodymium	150-2	1867	1920	1960	1916	2.44	cps
Nickel	60-2	20838	20812	20905	20852	0.23	cps
Phosphorus	31-2	958	833	733	842	13.39	cps
Potassium	39-2	67371	69145	69421	68645	1.62	cps
Rhodium	103-1	956816	940491	923658	940322	1.76	cps
Rhodium	103-2	447123	449662	454026	450270	0.78	cps
Scandium	45-1	1240023	1231640	1226297	1232654	0.56	cps
Scandium	45-2	50971	51927	52536	51811	1.52	cps
Selenium	77-2	27	43	20	30	40.05	cps
Selenium	78-2	65	69	83	72	13.56	cps
Selenium	82-1	450	384	397	410	8.51	cps
Silicon	28-1	2900257	2909887	2883291	2897812	0.46	cps
Silver	109-1	13465	13282	13081	13276	1.45	cps
Silver	107-1	14408	13515	13632	13852	3.50	cps
Sodium	23-2	32018	32945	31751	32238	1.94	cps
Strontium	86-1	5159	5026	5410	5198	3.74	cps
Strontium	88-1	45833	44813	42957	44534	3.27	cps
Sulfur	34-1	73414	72786	72510	72904	0.64	cps
Terbium	159-1	1409876	1400941	1405269	1405362	0.32	cps
Terbium	159-2	719875	720540	728610	723008	0.67	cps
Thallium	203-1	9646	9520	9379	9515	1.40	cps
Thallium	205-1	23121	22887	21927	22645	2.79	cps
Thorium	232-1	14759	14058	14386	14401	2.43	cps
Tin	118-1	52139	52716	50006	51621	2.76	cps
Titanium	47-1	101985	99569	98477	100010	1.79	cps
Uranium	238-1	6535	6344	6419	6432	1.50	cps
Vanadium	51-2	54908	55558	56367	55611	1.31	cps
Yttrium	89-1	1475457	1478085	1470680	1474741	0.25	cps
Yttrium	89-2	195666	195011	197436	196038	0.64	cps

LB Number :	LB104231	Operator :	Jaswal
Lab Sample ID :	K3766-16	Instrumnet Name :	P7
Client Sample ID :	MA52G4S	Dilution Factor :	1
Date & Time Acquired ::	2019-07-24 14:32:26	DataFile Name :	039SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zinc	66-2	12162	11788	11845	11932	1.69	cps
Zirconium	90-1	1992	1650	1734	1792	9.94	cps
Zirconium	91-1	417	508	408	444	12.48	cps

LB Number :	LB104231	Operator :	Jaswal
Lab Sample ID :	K3766-14LX5	Instrumnet Name :	P7
Client Sample ID :	MA52G4L	Dilution Factor :	5
Date & Time Acquired ::	2019-07-24 14:36:02	DataFile Name :	040SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	34541	34474	34591	34535	0.17	cps
Antimony	121-1	42	25	17	28	45.82	cps
Arsenic	75-2	1106	1169	1074	1116	4.31	cps
Barium	135-1	4309	4459	4217	4329	2.82	cps
Barium	137-1	7519	7085	7019	7208	3.77	cps
Beryllium	9-1	170	203	153	176	14.50	cps
Bismuth	209-1	748062	724965	713597	728875	2.41	cps
Bismuth	209-2	469365	480169	477447	475661	1.18	cps
Boron	10-1	267	317	217	267	18.75	cps
Boron	11-1	1075	1117	1167	1120	4.10	cps
Cadmium	111-1	78	58	73	70	15.17	cps
Cadmium	106-1	367	283	367	339	14.20	cps
Cadmium	108-1	17	4	13	11	57.27	cps
Calcium	43-1	2892	2417	2242	2517	13.37	cps
Calcium	44-1	42905	41710	41049	41888	2.25	cps
Chromium	52-2	23275	23983	23746	23668	1.52	cps
Cobalt	59-2	1583	1510	1557	1550	2.39	cps
Copper	63-2	13977	14300	14444	14240	1.68	cps
Dysprosium	156-1	558	558	675	597	11.28	cps
Dysprosium	156-2	350	360	337	349	3.35	cps
Erbium	164-1	425	442	517	461	10.59	cps
Erbium	164-2	237	223	290	250	14.11	cps
Gadolinium	160-1	400	467	367	411	12.38	cps
Gadolinium	160-2	343	310	263	306	13.15	cps
Holmium	165-1	1332072	1319647	1293628	1315115	1.49	cps
Holmium	165-2	714705	730350	725082	723379	1.10	cps
Indium	115-1	946018	914056	891423	917166	2.99	cps
Indium	115-2	187644	191707	190514	189955	1.10	cps
Iron	56-2	3312048	3358164	3315658	3328623	0.77	cps
Iron	57-2	76426	78208	77744	77459	1.19	cps
Krypton	83-1	43	63	40	49	25.81	cps
Lead	206-1	4790	5084	4773	4883	3.59	cps
Lead	207-1	4012	3973	4134	4040	2.08	cps
Lead	208-1	18828	19178	18656	18887	1.41	cps
Lithium	6-1	998698	985275	968196	984056	1.55	cps
Magnesium	24-2	29363	29705	29221	29430	0.85	cps

LB Number :	LB104231	Operator :	Jaswal
Lab Sample ID :	K3766-14LX5	Instrumnet Name :	P7
Client Sample ID :	MA52G4L	Dilution Factor :	5
Date & Time Acquired ::	2019-07-24 14:36:02	DataFile Name :	040SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	52574	54932	53604	53703	2.20	cps
Molybdenum	94-1	500	583	550	544	7.70	cps
Molybdenum	95-1	750	617	750	706	10.91	cps
Molybdenum	96-1	925	692	858	825	14.57	cps
Molybdenum	97-1	617	383	425	475	26.20	cps
Molybdenum	98-1	1117	933	942	997	10.38	cps
Neodymium	150-1	847	953	947	916	6.53	cps
Neodymium	150-2	393	460	417	423	7.99	cps
Nickel	60-2	1040	1013	1077	1043	3.05	cps
Phosphorus	31-2	192	283	217	231	20.55	cps
Potassium	39-2	17236	17161	17211	17202	0.22	cps
Rhodium	103-1	951647	927840	895142	924876	3.07	cps
Rhodium	103-2	439925	449634	447157	445572	1.13	cps
Scandium	45-1	1219758	1211927	1168720	1200135	2.29	cps
Scandium	45-2	49881	50780	50880	50514	1.09	cps
Selenium	77-2	3	0	3	2	86.60	cps
Selenium	78-2	7	15	6	9	52.86	cps
Selenium	82-1	30	23	29	27	13.23	cps
Silicon	28-1	611772	606557	594648	604326	1.45	cps
Silver	109-1	33	67	50	50	33.34	cps
Silver	107-1	58	50	92	67	33.07	cps
Sodium	23-2	9987	10062	10120	10056	0.67	cps
Strontium	86-1	1125	1008	1250	1128	10.72	cps
Strontium	88-1	9770	8961	9470	9401	4.35	cps
Sulfur	34-1	71848	71589	70442	71293	1.05	cps
Terbium	159-1	1390614	1390453	1355293	1378787	1.48	cps
Terbium	159-2	705419	726644	713898	715320	1.49	cps
Thallium	203-1	58	50	25	44	39.04	cps
Thallium	205-1	92	133	83	103	26.06	cps
Thorium	232-1	2950	2878	3162	2997	4.91	cps
Tin	118-1	11614	10971	10296	10960	6.01	cps
Titanium	47-1	20123	20340	19656	20039	1.74	cps
Uranium	238-1	1575	1475	1433	1495	4.87	cps
Vanadium	51-2	2374	2174	2327	2291	4.57	cps
Yttrium	89-1	1440017	1427594	1399208	1422273	1.47	cps
Yttrium	89-2	188674	192022	192669	191122	1.12	cps

LB Number :	LB104231	Operator :	Jaswal
Lab Sample ID :	K3766-14LX5	Instrumnet Name :	P7
Client Sample ID :	MA52G4L	Dilution Factor :	5
Date & Time Acquired ::	2019-07-24 14:36:02	DataFile Name :	040SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zinc	66-2	1150	1210	1297	1219	6.05	cps
Zirconium	90-1	450	442	375	422	9.74	cps
Zirconium	91-1	117	125	117	119	4.03	cps

LB Number :	LB104231	Operator :	Jaswal
Lab Sample ID :	K3766-17	Instrumnet Name :	P7
Client Sample ID :	MA52G8	Dilution Factor :	1
Date & Time Acquired ::	2019-07-24 14:39:38	DataFile Name :	041SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	606452	612947	614747	611382	0.71	cps
Antimony	121-1	525	550	558	544	3.19	cps
Arsenic	75-2	3204	3161	3330	3232	2.71	cps
Barium	135-1	63328	60090	62156	61858	2.65	cps
Barium	137-1	110404	106573	107918	108298	1.79	cps
Beryllium	9-1	1343	1297	1253	1298	3.47	cps
Bismuth	209-1	785318	703970	742537	743942	5.47	cps
Bismuth	209-2	463450	477818	478439	473236	1.79	cps
Boron	10-1	1558	1884	1967	1803	11.97	cps
Boron	11-1	7427	7369	7544	7447	1.20	cps
Cadmium	111-1	-831	-916	-846	-864	-5.25	cps
Cadmium	106-1	2634	2592	2659	2628	1.28	cps
Cadmium	108-1	2309	2484	2284	2359	4.62	cps
Calcium	43-1	49584	46766	47277	47876	3.14	cps
Calcium	44-1	784057	767370	763743	771724	1.40	cps
Chromium	52-2	5515431	5644473	5563345	5574417	1.17	cps
Cobalt	59-2	10571	10978	10571	10706	2.19	cps
Copper	63-2	2746609	2796522	2756808	2766646	0.95	cps
Dysprosium	156-1	10238	9445	10163	9948	4.40	cps
Dysprosium	156-2	5701	6328	5995	6008	5.22	cps
Erbium	164-1	8545	7611	8545	8233	6.55	cps
Erbium	164-2	4377	4427	4431	4412	0.68	cps
Gadolinium	160-1	9279	8828	8611	8906	3.82	cps
Gadolinium	160-2	5878	5878	5721	5826	1.55	cps
Holmium	165-1	1442699	1311198	1377016	1376971	4.78	cps
Holmium	165-2	706060	728915	731112	722029	1.92	cps
Indium	115-1	978795	836738	871417	895650	8.27	cps
Indium	115-2	167835	173163	171678	170892	1.61	cps
Iron	56-2	16644199	17048231	16846006	16846145	1.20	cps
Iron	57-2	388990	401853	400458	397100	1.78	cps
Krypton	83-1	60	60	77	66	14.68	cps
Lead	206-1	442856	434332	444330	440506	1.23	cps
Lead	207-1	357891	347497	353446	352945	1.48	cps
Lead	208-1	1727311	1687956	1735124	1716797	1.47	cps
Lithium	6-1	1045166	956759	987502	996475	4.50	cps
Magnesium	24-2	327623	333783	334414	331940	1.13	cps

LB Number :	LB104231	Operator :	Jaswal
Lab Sample ID :	K3766-17	Instrumnet Name :	P7
Client Sample ID :	MA52G8	Dilution Factor :	1
Date & Time Acquired ::	2019-07-24 14:39:38	DataFile Name :	041SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	283108	292047	289336	288163	1.59	cps
Molybdenum	94-1	3200	3367	3150	3239	3.50	cps
Molybdenum	95-1	4468	4493	4192	4384	3.80	cps
Molybdenum	96-1	4984	4901	4793	4893	1.97	cps
Molybdenum	97-1	2625	2484	2684	2598	3.96	cps
Molybdenum	98-1	7210	6543	6835	6863	4.87	cps
Neodymium	150-1	17265	16804	17011	17027	1.35	cps
Neodymium	150-2	6982	7672	7429	7361	4.76	cps
Nickel	60-2	41365	43575	43080	42673	2.72	cps
Phosphorus	31-2	2417	2609	2225	2417	7.93	cps
Potassium	39-2	106103	109326	109872	108434	1.88	cps
Rhodium	103-1	955320	858024	892066	901803	5.47	cps
Rhodium	103-2	413470	427973	422808	421417	1.74	cps
Scandium	45-1	1244977	1131274	1153416	1176556	5.12	cps
Scandium	45-2	46329	48335	47305	47323	2.12	cps
Selenium	77-2	53	53	47	51	7.52	cps
Selenium	78-2	50	35	44	43	17.31	cps
Selenium	82-1	160	165	131	152	12.09	cps
Silicon	28-1	5545161	5449765	5486152	5493693	0.88	cps
Silver	109-1	9712	9996	9687	9798	1.75	cps
Silver	107-1	10463	9629	10004	10032	4.16	cps
Sodium	23-2	151003	154907	153083	152998	1.28	cps
Strontium	86-1	29089	27845	28913	28616	2.35	cps
Strontium	88-1	245680	238209	239544	241144	1.65	cps
Sulfur	34-1	141609	138025	141129	140254	1.39	cps
Terbium	159-1	1487768	1363061	1421357	1424062	4.38	cps
Terbium	159-2	700122	722362	715368	712617	1.60	cps
Thallium	203-1	417	350	417	394	9.76	cps
Thallium	205-1	1008	1142	1108	1086	6.39	cps
Thorium	232-1	6513	5985	6202	6233	4.26	cps
Tin	118-1	1682533	1664817	1691825	1679725	0.82	cps
Titanium	47-1	172827	169276	167068	169723	1.71	cps
Uranium	238-1	46593	44946	43950	45163	2.96	cps
Vanadium	51-2	23228	24454	23986	23890	2.59	cps
Yttrium	89-1	1602006	1481530	1537836	1540457	3.91	cps
Yttrium	89-2	192798	201079	200339	198072	2.31	cps

LB Number :	LB104231	Operator :	Jaswal
Lab Sample ID :	K3766-17	Instrumnet Name :	P7
Client Sample ID :	MA52G8	Dilution Factor :	1
Date & Time Acquired ::	2019-07-24 14:39:38	DataFile Name :	041SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zinc	66-2	12015	12015	12075	12035	0.29	cps
Zirconium	90-1	2409	2109	2375	2298	7.16	cps
Zirconium	91-1	517	517	492	508	2.84	cps

LB Number : LB104231 Operator : Jaswal
 Lab Sample ID : K3766-18 Instrumnet Name : P7
 Client Sample ID : MA52H0 Dilution Factor : 1
 Date & Time Acquired :: 2019-07-24 14:43:13 DataFile Name : 042SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	373899	372074	372396	372790	0.26	cps
Antimony	121-1	200	208	208	206	2.34	cps
Arsenic	75-2	563	583	611	586	4.13	cps
Barium	135-1	24965	26184	24948	25366	2.79	cps
Barium	137-1	45367	44029	44046	44481	1.73	cps
Beryllium	9-1	1263	1283	1217	1255	2.73	cps
Bismuth	209-1	753042	736394	732168	740535	1.49	cps
Bismuth	209-2	462142	480148	473364	471885	1.93	cps
Boron	10-1	1067	1200	1175	1147	6.18	cps
Boron	11-1	5301	4726	5043	5023	5.74	cps
Cadmium	111-1	-81	-93	-51	-75	-28.97	cps
Cadmium	106-1	1175	1292	1167	1211	5.77	cps
Cadmium	108-1	696	704	608	669	7.93	cps
Calcium	43-1	13448	13040	14041	13509	3.73	cps
Calcium	44-1	227051	224842	219178	223691	1.82	cps
Chromium	52-2	191502	193251	193173	192642	0.51	cps
Cobalt	59-2	3354	3347	3417	3373	1.15	cps
Copper	63-2	260789	260521	262801	261370	0.48	cps
Dysprosium	156-1	10279	10596	10096	10324	2.45	cps
Dysprosium	156-2	5951	6131	6201	6095	2.12	cps
Erbium	164-1	7552	7019	6860	7144	5.08	cps
Erbium	164-2	3977	3837	3917	3911	1.80	cps
Gadolinium	160-1	9145	8370	7953	8489	7.13	cps
Gadolinium	160-2	5505	5311	5671	5496	3.28	cps
Holmium	165-1	1340575	1344862	1341227	1342221	0.17	cps
Holmium	165-2	703921	725200	720774	716632	1.57	cps
Indium	115-1	903944	895973	885729	895215	1.02	cps
Indium	115-2	178317	182103	179884	180101	1.06	cps
Iron	56-2	3645820	3623161	3636316	3635099	0.31	cps
Iron	57-2	85017	84732	86481	85410	1.10	cps
Krypton	83-1	53	67	50	57	15.57	cps
Lead	206-1	97282	94959	96145	96129	1.21	cps
Lead	207-1	77956	76787	75743	76829	1.44	cps
Lead	208-1	373679	366289	362784	367584	1.51	cps
Lithium	6-1	972598	973128	964290	970006	0.51	cps
Magnesium	24-2	137062	135902	137811	136925	0.70	cps

LB Number :	LB104231	Operator :	Jaswal
Lab Sample ID :	K3766-18	Instrumnet Name :	P7
Client Sample ID :	MA52H0	Dilution Factor :	1
Date & Time Acquired ::	2019-07-24 14:43:13	DataFile Name :	042SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	36716	36930	36913	36853	0.32	cps
Molybdenum	94-1	1150	967	833	983	16.17	cps
Molybdenum	95-1	1025	975	908	970	6.04	cps
Molybdenum	96-1	1342	1108	1333	1261	10.50	cps
Molybdenum	97-1	575	558	525	553	4.61	cps
Molybdenum	98-1	1633	1375	1483	1497	8.66	cps
Neodymium	150-1	18480	18139	18112	18244	1.12	cps
Neodymium	150-2	7936	7846	7696	7826	1.55	cps
Nickel	60-2	19723	19847	20001	19857	0.70	cps
Phosphorus	31-2	1167	1167	1183	1172	0.82	cps
Potassium	39-2	47360	47042	47845	47416	0.85	cps
Rhodium	103-1	907886	898025	890843	898918	0.95	cps
Rhodium	103-2	424831	433695	432352	430292	1.11	cps
Scandium	45-1	1163265	1160415	1143331	1155670	0.93	cps
Scandium	45-2	48185	48560	48917	48554	0.75	cps
Selenium	77-2	50	53	67	57	15.57	cps
Selenium	78-2	54	59	46	53	12.25	cps
Selenium	82-1	127	64	119	103	33.06	cps
Silicon	28-1	3430523	3437809	3402490	3423607	0.54	cps
Silver	109-1	2684	2525	2425	2545	5.12	cps
Silver	107-1	2559	2525	2617	2567	1.81	cps
Sodium	23-2	56122	55102	55194	55473	1.02	cps
Strontium	86-1	8911	9078	8611	8867	2.67	cps
Strontium	88-1	73531	72567	72140	72746	0.98	cps
Sulfur	34-1	109793	103860	104682	106112	3.03	cps
Terbium	159-1	1386180	1400611	1399942	1395578	0.58	cps
Terbium	159-2	697716	715000	711939	708218	1.30	cps
Thallium	203-1	242	158	125	175	34.34	cps
Thallium	205-1	433	500	550	494	11.84	cps
Thorium	232-1	4067	4045	4001	4038	0.84	cps
Tin	118-1	306844	300972	296532	301449	1.72	cps
Titanium	47-1	91366	92431	89395	91064	1.69	cps
Uranium	238-1	62701	59956	60726	61128	2.32	cps
Vanadium	51-2	7085	7232	7065	7127	1.28	cps
Yttrium	89-1	1491015	1489809	1488008	1489611	0.10	cps
Yttrium	89-2	195656	199317	198126	197700	0.94	cps

LB Number :	LB104231	Operator :	Jaswal
Lab Sample ID :	K3766-18	Instrumnet Name :	P7
Client Sample ID :	MA52H0	Dilution Factor :	1
Date & Time Acquired ::	2019-07-24 14:43:13	DataFile Name :	042SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zinc	66-2	26968	26401	27306	26892	1.70	cps
Zirconium	90-1	1659	1633	1392	1561	9.43	cps
Zirconium	91-1	292	358	408	353	16.59	cps

LB Number :	LB104231	Operator :	Jaswal
Lab Sample ID :	K3766-19	Instrumnet Name :	P7
Client Sample ID :	MA52H1	Dilution Factor :	1
Date & Time Acquired ::	2019-07-24 14:46:49	DataFile Name :	043SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	279089	277529	275550	277390	0.64	cps
Antimony	121-1	92	158	117	122	27.56	cps
Arsenic	75-2	476	507	522	502	4.71	cps
Barium	135-1	17770	17545	16811	17375	2.89	cps
Barium	137-1	30259	29683	29374	29772	1.51	cps
Beryllium	9-1	463	547	517	509	8.29	cps
Bismuth	209-1	727667	709742	703817	713742	1.74	cps
Bismuth	209-2	454595	451726	454561	453627	0.36	cps
Boron	10-1	392	450	417	419	6.98	cps
Boron	11-1	1550	1750	1625	1642	6.16	cps
Cadmium	111-1	90	91	98	93	4.66	cps
Cadmium	106-1	392	367	450	403	10.62	cps
Cadmium	108-1	13	4	0	6	114.53	cps
Calcium	43-1	13098	12673	12481	12750	2.48	cps
Calcium	44-1	204969	203971	203837	204259	0.30	cps
Chromium	52-2	27386	27459	26775	27206	1.38	cps
Cobalt	59-2	5865	5961	5975	5934	1.01	cps
Copper	63-2	12269	11965	12075	12103	1.27	cps
Dysprosium	156-1	3434	3417	3176	3342	4.33	cps
Dysprosium	156-2	1927	2004	2087	2006	3.99	cps
Erbium	164-1	2100	2000	1967	2022	3.43	cps
Erbium	164-2	1193	1170	1180	1181	0.99	cps
Gadolinium	160-1	2692	2350	2650	2564	7.27	cps
Gadolinium	160-2	1703	1617	1483	1601	6.92	cps
Holmium	165-1	1297261	1312767	1318079	1309369	0.83	cps
Holmium	165-2	693868	692364	684134	690122	0.76	cps
Indium	115-1	888886	876499	872833	879406	0.96	cps
Indium	115-2	175064	177380	174326	175590	0.91	cps
Iron	56-2	6318860	6292895	6194221	6268658	1.05	cps
Iron	57-2	146406	146894	144572	145957	0.84	cps
Krypton	83-1	47	50	50	49	3.93	cps
Lead	206-1	9498	8464	8803	8922	5.91	cps
Lead	207-1	7197	7380	7658	7412	3.13	cps
Lead	208-1	35308	33929	34279	34505	2.08	cps
Lithium	6-1	951330	943496	941591	945473	0.55	cps
Magnesium	24-2	239841	240845	235828	238838	1.11	cps

LB Number :	LB104231	Operator :	Jaswal
Lab Sample ID :	K3766-19	Instrumnet Name :	P7
Client Sample ID :	MA52H1	Dilution Factor :	1
Date & Time Acquired ::	2019-07-24 14:46:49	DataFile Name :	043SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	47794	47858	47376	47676	0.55	cps
Molybdenum	94-1	467	500	608	525	14.11	cps
Molybdenum	95-1	292	350	308	317	9.49	cps
Molybdenum	96-1	600	417	508	508	18.03	cps
Molybdenum	97-1	167	208	167	181	13.33	cps
Molybdenum	98-1	550	483	542	525	6.92	cps
Neodymium	150-1	5355	5388	5248	5330	1.37	cps
Neodymium	150-2	2184	2434	2164	2260	6.66	cps
Nickel	60-2	3917	4087	3884	3963	2.75	cps
Phosphorus	31-2	442	492	442	458	6.30	cps
Potassium	39-2	84062	83971	82790	83608	0.85	cps
Rhodium	103-1	889428	880845	872241	880838	0.98	cps
Rhodium	103-2	417319	418646	410790	415585	1.01	cps
Scandium	45-1	1134803	1137896	1134508	1135736	0.17	cps
Scandium	45-2	47071	46556	46871	46833	0.55	cps
Selenium	77-2	7	20	13	13	49.99	cps
Selenium	78-2	9	26	20	19	45.83	cps
Selenium	82-1	46	41	34	40	14.95	cps
Silicon	28-1	2499593	2508465	2538510	2515523	0.81	cps
Silver	109-1	58	100	83	81	26.03	cps
Silver	107-1	108	75	100	94	18.37	cps
Sodium	23-2	28753	28862	28728	28781	0.25	cps
Strontium	86-1	5401	5318	5276	5332	1.19	cps
Strontium	88-1	43701	44704	44562	44323	1.22	cps
Sulfur	34-1	64331	64039	64289	64220	0.25	cps
Terbium	159-1	1346078	1363048	1357411	1355512	0.64	cps
Terbium	159-2	680616	682090	679067	680591	0.22	cps
Thallium	203-1	192	225	192	203	9.49	cps
Thallium	205-1	442	458	400	433	6.93	cps
Thorium	232-1	12228	12039	11984	12084	1.06	cps
Tin	118-1	2625	2692	2575	2631	2.22	cps
Titanium	47-1	189554	189039	191264	189952	0.61	cps
Uranium	238-1	7161	6394	6577	6710	5.97	cps
Vanadium	51-2	12285	11828	11451	11855	3.52	cps
Yttrium	89-1	1383151	1401289	1389945	1391462	0.66	cps
Yttrium	89-2	183923	182095	180740	182253	0.88	cps

LB Number :	LB104231	Operator :	Jaswal
Lab Sample ID :	K3766-19	Instrumnet Name :	P7
Client Sample ID :	MA52H1	Dilution Factor :	1
Date & Time Acquired ::	2019-07-24 14:46:49	DataFile Name :	043SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zinc	66-2	2940	2937	2887	2921	1.02	cps
Zirconium	90-1	917	975	983	958	3.79	cps
Zirconium	91-1	225	233	158	206	20.00	cps

LB Number :	LB104231	Operator :	Jaswal
Lab Sample ID :	CCV048	Instrumnet Name :	P7
Client Sample ID :	CCV048	Dilution Factor :	1
Date & Time Acquired ::	2019-07-24 14:52:34	DataFile Name :	044CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	1085044	1111212	1104803	1100353	1.24	cps
Antimony	121-1	524491	522574	515887	520984	0.87	cps
Arsenic	75-2	21401	21477	21588	21489	0.44	cps
Barium	135-1	687684	682304	668919	679636	1.42	cps
Barium	137-1	1278116	1259437	1243471	1260341	1.38	cps
Beryllium	9-1	330209	324517	324552	326426	1.00	cps
Bismuth	209-1	659340	660111	688890	669447	2.52	cps
Bismuth	209-2	436767	448336	435121	440075	1.64	cps
Boron	10-1	56063	54708	55377	55383	1.22	cps
Boron	11-1	231068	229731	232801	231200	0.67	cps
Cadmium	111-1	137234	133776	134718	135243	1.32	cps
Cadmium	106-1	17253	17119	17353	17242	0.68	cps
Cadmium	108-1	11630	11392	10833	11285	3.62	cps
Calcium	43-1	1605452	1593703	1573930	1591028	1.00	cps
Calcium	44-1	26495257	26314870	25750817	26186982	1.48	cps
Chromium	52-2	239621	245391	245339	243450	1.36	cps
Cobalt	59-2	298704	304437	307236	303459	1.43	cps
Copper	63-2	381561	390192	389732	387161	1.25	cps
Dysprosium	156-1	33	25	17	25	33.32	cps
Dysprosium	156-2	10	20	13	14	35.26	cps
Erbium	164-1	17	8	8	11	43.34	cps
Erbium	164-2	0	3	0	1	173.21	cps
Gadolinium	160-1	0	17	8	8	100.02	cps
Gadolinium	160-2	30	47	20	32	41.81	cps
Holmium	165-1	1299651	1305675	1373600	1326309	3.10	cps
Holmium	165-2	730034	747775	729090	735633	1.43	cps
Indium	115-1	840864	832345	874926	849378	2.65	cps
Indium	115-2	177788	180959	180003	179583	0.91	cps
Iron	56-2	44912894	44989155	45125505	45009185	0.24	cps
Iron	57-2	1106081	1132509	1120802	1119797	1.18	cps
Krypton	83-1	27	30	43	33	26.45	cps
Lead	206-1	366006	361637	355419	361021	1.47	cps
Lead	207-1	331479	328200	322496	327391	1.39	cps
Lead	208-1	1520452	1505954	1479917	1502108	1.37	cps
Lithium	6-1	924335	924825	965990	938383	2.55	cps
Magnesium	24-2	11932572	12044272	12001093	11992646	0.47	cps

LB Number :	LB104231	Operator :	Jaswal
Lab Sample ID :	CCV048	Instrumnet Name :	P7
Client Sample ID :	CCV048	Dilution Factor :	1
Date & Time Acquired ::	2019-07-24 14:52:34	DataFile Name :	044CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	274685	282417	281190	279431	1.49	cps
Molybdenum	94-1	1532823	1514210	1506858	1517963	0.88	cps
Molybdenum	95-1	1899991	1858251	1864875	1874372	1.20	cps
Molybdenum	96-1	2105408	2075556	2063939	2081634	1.03	cps
Molybdenum	97-1	1055406	1030411	1020828	1035548	1.72	cps
Molybdenum	98-1	2997537	2934801	2913828	2948722	1.48	cps
Neodymium	150-1	27	53	53	44	34.64	cps
Neodymium	150-2	17	7	0	8	107.84	cps
Nickel	60-2	70585	71580	71774	71313	0.89	cps
Phosphorus	31-2	10796	11130	11930	11285	5.17	cps
Potassium	39-2	5331971	5391119	5356357	5359816	0.55	cps
Rhodium	103-1	790433	786311	823943	800229	2.58	cps
Rhodium	103-2	399005	411557	405055	405206	1.55	cps
Scandium	45-1	1105618	1099374	1135822	1113605	1.75	cps
Scandium	45-2	49921	50650	50068	50213	0.77	cps
Selenium	77-2	643	563	583	597	6.98	cps
Selenium	78-2	2085	2291	2202	2193	4.70	cps
Selenium	82-1	14143	13957	13751	13950	1.41	cps
Silicon	28-1	785260	772020	771916	776399	0.99	cps
Silver	109-1	626748	613770	606172	615564	1.69	cps
Silver	107-1	651600	644312	633656	643189	1.40	cps
Sodium	23-2	24976413	25240354	25119684	25112151	0.53	cps
Strontium	86-1	226316	223329	220800	223481	1.24	cps
Strontium	88-1	2037604	2042661	2006275	2028847	0.97	cps
Sulfur	34-1	213077	211058	208531	210889	1.08	cps
Terbium	159-1	1352300	1339985	1411440	1367908	2.79	cps
Terbium	159-2	720933	739430	720765	727043	1.48	cps
Thallium	203-1	444235	437263	431013	437504	1.51	cps
Thallium	205-1	1137518	1133305	1115351	1128725	1.04	cps
Thorium	232-1	2159803	2152260	2140310	2150791	0.46	cps
Tin	118-1	420108	416360	407448	414638	1.57	cps
Titanium	47-1	700986	689594	679413	689998	1.56	cps
Uranium	238-1	2149417	2146339	2113396	2136384	0.93	cps
Vanadium	51-2	209375	214404	213648	212476	1.28	cps
Yttrium	89-1	1337781	1336058	1396926	1356922	2.55	cps
Yttrium	89-2	187260	191460	187554	188758	1.24	cps

LB Number :	LB104231	Operator :	Jaswal
Lab Sample ID :	CCV048	Instrumnet Name :	P7
Client Sample ID :	CCV048	Dilution Factor :	1
Date & Time Acquired ::	2019-07-24 14:52:34	DataFile Name :	044CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zinc	66-2	61572	63370	63718	62887	1.83	cps
Zirconium	90-1	1187731	1159104	1148638	1165158	1.74	cps
Zirconium	91-1	270898	269144	263255	267766	1.50	cps

LB Number : LB104231 Operator : Jaswal
 Lab Sample ID : CCB048 Instrumnet Name : P7
 Client Sample ID : CCB048 Dilution Factor : 1
 Date & Time Acquired :: 2019-07-24 14:56:24 DataFile Name : 045CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	58	58	25	47	40.76	cps
Antimony	121-1	467	333	458	419	17.81	cps
Arsenic	75-2	0	4	6	3	91.69	cps
Barium	135-1	100	42	25	56	70.88	cps
Barium	137-1	200	42	67	103	82.82	cps
Beryllium	9-1	73	83	50	69	24.83	cps
Bismuth	209-1	735329	735587	701164	724027	2.73	cps
Bismuth	209-2	475601	484634	480295	480177	0.94	cps
Boron	10-1	2292	1867	1942	2034	11.16	cps
Boron	11-1	9445	7936	8027	8469	9.99	cps
Cadmium	111-1	91	72	107	90	19.27	cps
Cadmium	106-1	392	333	492	406	19.75	cps
Cadmium	108-1	0	4	0	1	173.21	cps
Calcium	43-1	283	183	158	208	31.75	cps
Calcium	44-1	5593	4401	3859	4618	19.21	cps
Chromium	52-2	187	233	213	211	11.09	cps
Cobalt	59-2	20	10	7	12	56.76	cps
Copper	63-2	97	103	110	103	6.45	cps
Dysprosium	156-1	0	0	0	0	0.00	cps
Dysprosium	156-2	0	0	0	0	0.00	cps
Erbium	164-1	8	0	0	3	173.21	cps
Erbium	164-2	0	3	0	1	173.21	cps
Gadolinium	160-1	0	0	8	3	173.21	cps
Gadolinium	160-2	47	17	7	23	89.20	cps
Holmium	165-1	1325285	1327087	1308087	1320153	0.79	cps
Holmium	165-2	719984	736234	721258	725825	1.24	cps
Indium	115-1	917972	913325	888795	906698	1.73	cps
Indium	115-2	189883	191008	190681	190524	0.30	cps
Iron	56-2	2306	2295	2084	2228	5.62	cps
Iron	57-2	78	67	61	69	12.39	cps
Krypton	83-1	30	70	37	46	47.04	cps
Lead	206-1	178	200	144	174	16.06	cps
Lead	207-1	206	122	144	157	27.42	cps
Lead	208-1	733	639	594	656	10.82	cps
Lithium	6-1	981098	975745	958995	971946	1.19	cps
Magnesium	24-2	308	308	300	306	1.58	cps

LB Number :	LB104231	Operator :	Jaswal
Lab Sample ID :	CCB048	Instrumnet Name :	P7
Client Sample ID :	CCB048	Dilution Factor :	1
Date & Time Acquired ::	2019-07-24 14:56:24	DataFile Name :	045CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	20	7	13	13	49.99	cps
Molybdenum	94-1	383	283	200	289	31.77	cps
Molybdenum	95-1	408	325	300	344	16.47	cps
Molybdenum	96-1	383	375	383	381	1.27	cps
Molybdenum	97-1	267	192	150	203	29.15	cps
Molybdenum	98-1	683	517	350	517	32.26	cps
Neodymium	150-1	0	0	0	0	0.00	cps
Neodymium	150-2	0	0	0	0	0.00	cps
Nickel	60-2	3	7	13	8	65.47	cps
Phosphorus	31-2	17	33	58	36	58.08	cps
Potassium	39-2	4167	4376	3967	4170	4.90	cps
Rhodium	103-1	926715	902608	899213	909512	1.65	cps
Rhodium	103-2	444614	450235	442417	445755	0.90	cps
Scandium	45-1	1188673	1169011	1157391	1171692	1.35	cps
Scandium	45-2	50496	50834	50482	50604	0.39	cps
Selenium	77-2	0	0	0	0	0.00	cps
Selenium	78-2	7	19	11	12	45.82	cps
Selenium	82-1	47	3	50	33	79.31	cps
Silicon	28-1	50285	51615	49842	50581	1.82	cps
Silver	109-1	117	58	33	69	61.58	cps
Silver	107-1	150	50	75	92	56.78	cps
Sodium	23-2	6085	6502	6202	6263	3.43	cps
Strontium	86-1	92	83	58	78	22.30	cps
Strontium	88-1	258	192	117	189	37.52	cps
Sulfur	34-1	90055	90022	91598	90558	0.99	cps
Terbium	159-1	1377171	1371619	1362310	1370367	0.55	cps
Terbium	159-2	713886	719319	716645	716617	0.38	cps
Thallium	203-1	142	167	117	142	17.65	cps
Thallium	205-1	308	317	233	286	16.04	cps
Thorium	232-1	639	422	461	507	22.77	cps
Tin	118-1	267	200	150	206	28.47	cps
Titanium	47-1	200	67	42	103	82.82	cps
Uranium	238-1	292	183	100	192	50.14	cps
Vanadium	51-2	7	3	3	4	43.40	cps
Yttrium	89-1	1394014	1398603	1396099	1396239	0.16	cps
Yttrium	89-2	189664	190771	189636	190024	0.34	cps

LB Number :	LB104231	Operator :	Jaswal
Lab Sample ID :	CCB048	Instrumnet Name :	P7
Client Sample ID :	CCB048	Dilution Factor :	1
Date & Time Acquired ::	2019-07-24 14:56:24	DataFile Name :	045CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zinc	66-2	37	40	37	38	5.09	cps
Zirconium	90-1	250	258	275	261	4.87	cps
Zirconium	91-1	58	58	50	56	8.67	cps

LB Number : LB104231 Operator : Jaswal
 Lab Sample ID : K3766-20 Instrumnet Name : P7
 Client Sample ID : MA52H3 Dilution Factor : 1
 Date & Time Acquired :: 2019-07-24 15:00:00 DataFile Name : 046SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	715347	720775	719552	718558	0.40	cps
Antimony	121-1	325	375	417	372	12.33	cps
Arsenic	75-2	456	467	496	473	4.45	cps
Barium	135-1	50835	48544	49213	49531	2.38	cps
Barium	137-1	86997	86100	87258	86785	0.70	cps
Beryllium	9-1	1457	1413	1467	1446	1.96	cps
Bismuth	209-1	768289	746395	758729	757804	1.45	cps
Bismuth	209-2	488975	494514	489589	491026	0.62	cps
Boron	10-1	1483	1467	1417	1456	2.38	cps
Boron	11-1	5910	5718	5668	5765	2.21	cps
Cadmium	111-1	163	156	158	159	2.19	cps
Cadmium	106-1	483	483	417	461	8.35	cps
Cadmium	108-1	25	17	25	22	21.64	cps
Calcium	43-1	34775	34341	34850	34655	0.79	cps
Calcium	44-1	558030	561850	561517	560466	0.38	cps
Chromium	52-2	151344	151562	151718	151541	0.12	cps
Cobalt	59-2	6592	6568	6528	6563	0.49	cps
Copper	63-2	61375	62302	63002	62226	1.31	cps
Dysprosium	156-1	7844	7202	7386	7477	4.42	cps
Dysprosium	156-2	4367	4694	4487	4516	3.66	cps
Erbium	164-1	5426	5276	5293	5332	1.54	cps
Erbium	164-2	2794	3010	3034	2946	4.49	cps
Gadolinium	160-1	6435	6418	6077	6310	3.21	cps
Gadolinium	160-2	3917	3944	3981	3947	0.81	cps
Holmium	165-1	1395775	1398569	1407155	1400500	0.42	cps
Holmium	165-2	754669	760070	761382	758707	0.47	cps
Indium	115-1	959900	942741	955907	952850	0.94	cps
Indium	115-2	195931	197407	199133	197490	0.81	cps
Iron	56-2	9296346	9313184	9334814	9314782	0.21	cps
Iron	57-2	216434	219005	218924	218121	0.67	cps
Krypton	83-1	53	47	107	69	47.74	cps
Lead	206-1	29038	28809	28570	28806	0.81	cps
Lead	207-1	23143	23733	22241	23039	3.26	cps
Lead	208-1	111480	109843	109569	110297	0.94	cps
Lithium	6-1	1061254	1053920	1063521	1059565	0.47	cps
Magnesium	24-2	376467	378005	376391	376954	0.24	cps

LB Number :	LB104231	Operator :	Jaswal
Lab Sample ID :	K3766-20	Instrumnet Name :	P7
Client Sample ID :	MA52H3	Dilution Factor :	1
Date & Time Acquired ::	2019-07-24 15:00:00	DataFile Name :	046SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	81410	82017	82003	81810	0.42	cps
Molybdenum	94-1	833	833	933	867	6.66	cps
Molybdenum	95-1	558	533	517	536	3.91	cps
Molybdenum	96-1	875	883	925	895	3.00	cps
Molybdenum	97-1	333	375	400	369	9.12	cps
Molybdenum	98-1	1050	1033	825	970	12.93	cps
Neodymium	150-1	13073	12232	13007	12771	3.66	cps
Neodymium	150-2	5511	5371	5371	5418	1.49	cps
Nickel	60-2	6285	6448	6618	6450	2.59	cps
Phosphorus	31-2	608	567	625	600	5.01	cps
Potassium	39-2	177070	181394	178554	179006	1.23	cps
Rhodium	103-1	957855	939939	956225	951340	1.04	cps
Rhodium	103-2	461809	469350	465618	465592	0.81	cps
Scandium	45-1	1268647	1260098	1269461	1266069	0.41	cps
Scandium	45-2	54644	55390	55637	55224	0.94	cps
Selenium	77-2	23	40	27	30	29.40	cps
Selenium	78-2	44	65	44	51	22.97	cps
Selenium	82-1	58	97	7	54	83.64	cps
Silicon	28-1	957776	993856	1018928	990187	3.10	cps
Silver	109-1	317	325	242	294	15.59	cps
Silver	107-1	317	275	233	275	15.15	cps
Sodium	23-2	60263	60087	60498	60283	0.34	cps
Strontium	86-1	19080	18913	20115	19369	3.36	cps
Strontium	88-1	163606	162385	162267	162753	0.46	cps
Sulfur	34-1	103542	99648	96360	99850	3.60	cps
Terbium	159-1	1448212	1449073	1465768	1454351	0.68	cps
Terbium	159-2	744348	755004	748226	749193	0.72	cps
Thallium	203-1	617	508	533	553	10.26	cps
Thallium	205-1	1183	1400	1308	1297	8.38	cps
Thorium	232-1	4990	4329	5157	4825	9.08	cps
Tin	118-1	3692	3742	3959	3798	3.73	cps
Titanium	47-1	198585	200460	199083	199376	0.49	cps
Uranium	238-1	26194	25275	25426	25632	1.92	cps
Vanadium	51-2	20855	20918	21346	21040	1.27	cps
Yttrium	89-1	1561565	1573606	1585994	1573722	0.78	cps
Yttrium	89-2	211313	215224	212216	212918	0.96	cps

LB Number :	LB104231	Operator :	Jaswal
Lab Sample ID :	K3766-20	Instrumnet Name :	P7
Client Sample ID :	MA52H3	Dilution Factor :	1
Date & Time Acquired ::	2019-07-24 15:00:00	DataFile Name :	046SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zinc	66-2	4594	5038	5094	4909	5.58	cps
Zirconium	90-1	1734	1734	1650	1706	2.82	cps
Zirconium	91-1	358	300	375	344	11.43	cps

LB Number :	LB104231	Operator :	Jaswal
Lab Sample ID :	K3766-21	Instrumnet Name :	P7
Client Sample ID :	MA52H4	Dilution Factor :	1
Date & Time Acquired ::	2019-07-24 15:03:36	DataFile Name :	047SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	325436	330008	326623	327356	0.72	cps
Antimony	121-1	142	142	233	172	30.73	cps
Arsenic	75-2	174	159	187	173	8.01	cps
Barium	135-1	14992	15634	14491	15039	3.81	cps
Barium	137-1	25792	25316	25767	25625	1.05	cps
Beryllium	9-1	737	853	813	801	7.40	cps
Bismuth	209-1	776023	763172	766324	768506	0.87	cps
Bismuth	209-2	495071	499807	483778	492885	1.67	cps
Boron	10-1	783	1017	967	922	13.32	cps
Boron	11-1	3317	3584	3426	3442	3.90	cps
Cadmium	111-1	121	112	119	117	4.10	cps
Cadmium	106-1	500	392	400	431	14.00	cps
Cadmium	108-1	0	0	4	1	173.21	cps
Calcium	43-1	10888	10738	10954	10860	1.02	cps
Calcium	44-1	177924	176490	175985	176800	0.57	cps
Chromium	52-2	13923	14270	13950	14048	1.37	cps
Cobalt	59-2	2390	2220	2340	2317	3.77	cps
Copper	63-2	1983	2074	2020	2026	2.23	cps
Dysprosium	156-1	3209	3009	3167	3128	3.37	cps
Dysprosium	156-2	1823	1900	1937	1887	3.07	cps
Erbium	164-1	1925	2167	2117	2070	6.16	cps
Erbium	164-2	1270	1327	1280	1292	2.34	cps
Gadolinium	160-1	2367	2434	2234	2345	4.34	cps
Gadolinium	160-2	1677	1750	1547	1658	6.21	cps
Holmium	165-1	1409769	1404020	1428559	1414116	0.91	cps
Holmium	165-2	762429	768016	745542	758662	1.54	cps
Indium	115-1	981886	973948	971954	975930	0.54	cps
Indium	115-2	199445	200900	194530	198292	1.68	cps
Iron	56-2	4109732	4180664	4110748	4133715	0.98	cps
Iron	57-2	95391	96879	96795	96355	0.87	cps
Krypton	83-1	70	53	50	58	18.55	cps
Lead	206-1	19403	19225	19192	19274	0.59	cps
Lead	207-1	16149	15315	15560	15674	2.74	cps
Lead	208-1	76221	74105	74311	74879	1.56	cps
Lithium	6-1	1081460	1072340	1078850	1077550	0.44	cps
Magnesium	24-2	161910	164812	161056	162593	1.21	cps

LB Number :	LB104231	Operator :	Jaswal
Lab Sample ID :	K3766-21	Instrumnet Name :	P7
Client Sample ID :	MA52H4	Dilution Factor :	1
Date & Time Acquired ::	2019-07-24 15:03:36	DataFile Name :	047SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	20277	20207	20354	20280	0.36	cps
Molybdenum	94-1	400	350	342	364	8.67	cps
Molybdenum	95-1	208	308	233	250	20.82	cps
Molybdenum	96-1	358	375	417	383	7.84	cps
Molybdenum	97-1	158	175	158	164	5.87	cps
Molybdenum	98-1	408	583	433	475	19.93	cps
Neodymium	150-1	4861	4534	4761	4719	3.55	cps
Neodymium	150-2	2157	2137	2040	2111	2.96	cps
Nickel	60-2	2370	2444	2310	2375	2.81	cps
Phosphorus	31-2	375	350	283	336	14.10	cps
Potassium	39-2	39228	38826	39562	39205	0.94	cps
Rhodium	103-1	1000547	987176	985940	991221	0.82	cps
Rhodium	103-2	473121	478744	463965	471943	1.58	cps
Scandium	45-1	1308638	1282864	1304785	1298763	1.07	cps
Scandium	45-2	55674	55216	53951	54947	1.62	cps
Selenium	77-2	7	10	17	11	45.82	cps
Selenium	78-2	20	52	37	36	43.24	cps
Selenium	82-1	39	78	60	59	33.19	cps
Silicon	28-1	819116	812475	807819	813137	0.70	cps
Silver	109-1	200	192	208	200	4.16	cps
Silver	107-1	258	200	225	228	12.85	cps
Sodium	23-2	23861	24696	24120	24226	1.76	cps
Strontium	86-1	6552	6518	6502	6524	0.39	cps
Strontium	88-1	56312	56035	56629	56325	0.53	cps
Sulfur	34-1	82177	80090	79194	80487	1.90	cps
Terbium	159-1	1457125	1474462	1498318	1476635	1.40	cps
Terbium	159-2	751283	762230	737536	750350	1.65	cps
Thallium	203-1	275	142	200	206	32.52	cps
Thallium	205-1	608	500	550	553	9.81	cps
Thorium	232-1	1678	1795	1884	1785	5.78	cps
Tin	118-1	1300	1142	1033	1158	11.58	cps
Titanium	47-1	79338	78073	77604	78339	1.15	cps
Uranium	238-1	19841	19532	18856	19410	2.60	cps
Vanadium	51-2	7942	8196	7892	8010	2.03	cps
Yttrium	89-1	1553458	1567306	1568702	1563155	0.54	cps
Yttrium	89-2	209039	208639	204929	207536	1.09	cps

LB Number :	LB104231	Operator :	Jaswal
Lab Sample ID :	K3766-21	Instrumnet Name :	P7
Client Sample ID :	MA52H4	Dilution Factor :	1
Date & Time Acquired ::	2019-07-24 15:03:36	DataFile Name :	047SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zinc	66-2	1667	1723	1580	1657	4.36	cps
Zirconium	90-1	517	483	575	525	8.84	cps
Zirconium	91-1	108	142	117	122	14.19	cps

LB Number :	LB104231	Operator :	Jaswal
Lab Sample ID :	K3763-01	Instrumnet Name :	P7
Client Sample ID :	MBFLM1	Dilution Factor :	1
Date & Time Acquired ::	2019-07-24 15:07:13	DataFile Name :	048SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	4584	4718	4234	4512	5.53	cps
Antimony	121-1	125	133	83	114	23.52	cps
Arsenic	75-2	20	15	19	18	15.82	cps
Barium	135-1	46420	44322	43093	44611	3.77	cps
Barium	137-1	77307	77232	74726	76422	1.92	cps
Beryllium	9-1	67	73	70	70	4.76	cps
Bismuth	209-1	1046398	968889	956612	990633	4.91	cps
Bismuth	209-2	579106	593367	563330	578601	2.60	cps
Boron	10-1	41240	40956	43120	41772	2.82	cps
Boron	11-1	176074	179749	181037	178953	1.44	cps
Cadmium	111-1	233	261	242	246	5.81	cps
Cadmium	106-1	517	558	525	533	4.13	cps
Cadmium	108-1	17	13	13	14	17.33	cps
Calcium	43-1	192916	186645	181881	187147	2.96	cps
Calcium	44-1	3316844	3303864	3245087	3288598	1.16	cps
Chromium	52-2	1107	1190	1217	1171	4.90	cps
Cobalt	59-2	1933	1647	1830	1803	8.05	cps
Copper	63-2	13443	14187	13990	13873	2.78	cps
Dysprosium	156-1	275	267	392	311	22.46	cps
Dysprosium	156-2	140	180	160	160	12.50	cps
Erbium	164-1	192	200	142	178	17.75	cps
Erbium	164-2	133	113	70	106	30.67	cps
Gadolinium	160-1	292	192	192	225	25.66	cps
Gadolinium	160-2	163	170	160	164	3.10	cps
Holmium	165-1	1851592	1705270	1678391	1745085	5.34	cps
Holmium	165-2	904733	920527	866662	897307	3.09	cps
Indium	115-1	1360295	1254739	1234433	1283156	5.27	cps
Indium	115-2	238049	240703	228006	235586	2.84	cps
Iron	56-2	185180	190153	189635	188322	1.45	cps
Iron	57-2	5796	6101	5540	5812	4.84	cps
Krypton	83-1	40	80	37	52	46.17	cps
Lead	206-1	1233	1189	1211	1211	1.83	cps
Lead	207-1	1039	833	772	882	15.85	cps
Lead	208-1	4784	4500	4284	4523	5.54	cps
Lithium	6-1	1353671	1239115	1219772	1270852	5.69	cps
Magnesium	24-2	774270	789656	794354	786093	1.34	cps

LB Number :	LB104231	Operator :	Jaswal
Lab Sample ID :	K3763-01	Instrumnet Name :	P7
Client Sample ID :	MBFLM1	Dilution Factor :	1
Date & Time Acquired ::	2019-07-24 15:07:13	DataFile Name :	048SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	372297	379273	382713	378094	1.40	cps
Molybdenum	94-1	392	250	350	331	22.02	cps
Molybdenum	95-1	442	350	300	364	19.74	cps
Molybdenum	96-1	383	350	375	369	4.70	cps
Molybdenum	97-1	158	233	217	203	19.42	cps
Molybdenum	98-1	425	425	558	469	16.40	cps
Neodymium	150-1	393	480	360	411	15.07	cps
Neodymium	150-2	177	153	157	162	7.78	cps
Nickel	60-2	2227	2274	2247	2249	1.04	cps
Phosphorus	31-2	133	167	150	150	11.11	cps
Potassium	39-2	164620	165815	168512	166316	1.20	cps
Rhodium	103-1	1383987	1268607	1259506	1304033	5.32	cps
Rhodium	103-2	557196	563169	531503	550623	3.06	cps
Scandium	45-1	1789084	1662620	1648368	1700024	4.56	cps
Scandium	45-2	65153	66150	62836	64713	2.63	cps
Selenium	77-2	3	7	7	6	34.70	cps
Selenium	78-2	9	13	9	10	20.36	cps
Selenium	82-1	49	-13	34	23	140.51	cps
Silicon	28-1	23730910	23538338	23400354	23556534	0.70	cps
Silver	109-1	200	150	258	203	26.74	cps
Silver	107-1	192	108	250	183	38.84	cps
Sodium	23-2	3435519	3475696	3495205	3468807	0.88	cps
Strontium	86-1	137984	135855	133071	135637	1.82	cps
Strontium	88-1	1260894	1246689	1241996	1249860	0.79	cps
Sulfur	34-1	305424	296000	296088	299170	1.81	cps
Terbium	159-1	1939522	1776081	1748514	1821372	5.67	cps
Terbium	159-2	890266	911325	858105	886565	3.02	cps
Thallium	203-1	33	67	42	47	36.74	cps
Thallium	205-1	217	258	233	236	8.88	cps
Thorium	232-1	344	272	344	320	13.02	cps
Tin	118-1	150	333	208	231	40.63	cps
Titanium	47-1	2175	2125	2284	2195	3.69	cps
Uranium	238-1	250	275	275	267	5.41	cps
Vanadium	51-2	337	367	380	361	6.15	cps
Yttrium	89-1	1989357	1835289	1802091	1875579	5.33	cps
Yttrium	89-2	239397	244966	229907	238090	3.20	cps

LB Number :	LB104231	Operator :	Jaswal
Lab Sample ID :	K3763-01	Instrumnet Name :	P7
Client Sample ID :	MBFLM1	Dilution Factor :	1
Date & Time Acquired ::	2019-07-24 15:07:13	DataFile Name :	048SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zinc	66-2	2454	2367	2380	2400	1.94	cps
Zirconium	90-1	475	483	784	581	30.30	cps
Zirconium	91-1	75	150	92	106	37.31	cps

LB Number :	LB104231	Operator :	Jaswal
Lab Sample ID :	K3763-02	Instrumnet Name :	P7
Client Sample ID :	MBFLM2	Dilution Factor :	1
Date & Time Acquired ::	2019-07-24 15:10:50	DataFile Name :	049SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	1375	1609	1492	1492	7.82	cps
Antimony	121-1	158	150	142	150	5.56	cps
Arsenic	75-2	52	37	39	43	18.95	cps
Barium	135-1	44447	43394	43310	43717	1.45	cps
Barium	137-1	76151	73863	75094	75036	1.53	cps
Beryllium	9-1	410	297	333	347	16.68	cps
Bismuth	209-1	883054	859961	861561	868192	1.49	cps
Bismuth	209-2	546419	552592	546715	548575	0.63	cps
Boron	10-1	3417	3609	3334	3453	4.08	cps
Boron	11-1	15784	15092	14182	15019	5.35	cps
Cadmium	111-1	135	98	100	111	18.58	cps
Cadmium	106-1	542	358	417	439	21.34	cps
Cadmium	108-1	4	4	0	3	86.60	cps
Calcium	43-1	85119	83477	84188	84262	0.98	cps
Calcium	44-1	1383801	1337772	1332410	1351328	2.09	cps
Chromium	52-2	64286	65967	63988	64747	1.65	cps
Cobalt	59-2	1957	2020	1907	1961	2.90	cps
Copper	63-2	2794	2820	2787	2800	0.63	cps
Dysprosium	156-1	2034	1992	2025	2017	1.09	cps
Dysprosium	156-2	1213	1207	1210	1210	0.28	cps
Erbium	164-1	1617	1592	1692	1634	3.19	cps
Erbium	164-2	840	1033	893	922	10.83	cps
Gadolinium	160-1	1592	1867	1692	1717	8.11	cps
Gadolinium	160-2	1140	1053	1137	1110	4.42	cps
Holmium	165-1	1604076	1594350	1576452	1591626	0.88	cps
Holmium	165-2	827507	836547	828144	830733	0.61	cps
Indium	115-1	1188914	1182510	1187353	1186259	0.28	cps
Indium	115-2	218004	222608	217480	219364	1.29	cps
Iron	56-2	554697	564920	547149	555589	1.61	cps
Iron	57-2	14808	13901	14190	14300	3.24	cps
Krypton	83-1	57	70	53	60	14.70	cps
Lead	206-1	1183	1156	1161	1167	1.26	cps
Lead	207-1	1106	1017	872	998	11.80	cps
Lead	208-1	4756	4734	4523	4671	2.76	cps
Lithium	6-1	1184264	1160352	1157559	1167392	1.26	cps
Magnesium	24-2	298381	300506	293308	297398	1.24	cps

LB Number :	LB104231	Operator :	Jaswal
Lab Sample ID :	K3763-02	Instrumnet Name :	P7
Client Sample ID :	MBFLM2	Dilution Factor :	1
Date & Time Acquired ::	2019-07-24 15:10:50	DataFile Name :	049SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	53664	55785	54266	54572	2.00	cps
Molybdenum	94-1	1108	967	892	989	11.13	cps
Molybdenum	95-1	1558	1584	1425	1522	5.59	cps
Molybdenum	96-1	1634	1675	1492	1600	6.01	cps
Molybdenum	97-1	900	950	908	920	2.91	cps
Molybdenum	98-1	2392	2267	2459	2373	4.10	cps
Neodymium	150-1	2894	2694	2647	2745	4.77	cps
Neodymium	150-2	1263	1253	1223	1247	1.67	cps
Nickel	60-2	3641	3727	3957	3775	4.34	cps
Phosphorus	31-2	8	58	25	31	83.33	cps
Potassium	39-2	210005	211705	207454	209722	1.02	cps
Rhodium	103-1	1221560	1205162	1214535	1213752	0.68	cps
Rhodium	103-2	520178	522124	515998	519433	0.60	cps
Scandium	45-1	1470638	1423722	1427828	1440729	1.80	cps
Scandium	45-2	59987	60249	58612	59616	1.47	cps
Selenium	77-2	20	27	13	20	33.35	cps
Selenium	78-2	19	22	19	20	10.81	cps
Selenium	82-1	41	32	53	42	24.34	cps
Silicon	28-1	23110986	22921847	22886999	22973278	0.52	cps
Silver	109-1	67	92	75	78	16.37	cps
Silver	107-1	150	117	108	125	17.64	cps
Sodium	23-2	1531951	1535845	1505008	1524268	1.10	cps
Strontium	86-1	74720	72048	71872	72880	2.19	cps
Strontium	88-1	634074	612197	617299	621190	1.84	cps
Sulfur	34-1	112228	110483	109468	110726	1.26	cps
Terbium	159-1	1684589	1653352	1666182	1668041	0.94	cps
Terbium	159-2	815181	826528	821140	820950	0.69	cps
Thallium	203-1	50	33	58	47	26.97	cps
Thallium	205-1	133	92	92	106	22.79	cps
Thorium	232-1	1117	1061	995	1057	5.79	cps
Tin	118-1	208	183	175	189	9.18	cps
Titanium	47-1	633	633	600	622	3.09	cps
Uranium	238-1	950	900	850	900	5.56	cps
Vanadium	51-2	220	230	207	219	5.35	cps
Yttrium	89-1	1744800	1717020	1738376	1733398	0.84	cps
Yttrium	89-2	223224	226243	222661	224042	0.86	cps

LB Number :	LB104231	Operator :	Jaswal
Lab Sample ID :	K3763-02	Instrumnet Name :	P7
Client Sample ID :	MBFLM2	Dilution Factor :	1
Date & Time Acquired ::	2019-07-24 15:10:50	DataFile Name :	049SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zinc	66-2	1303	1373	1320	1332	2.74	cps
Zirconium	90-1	408	400	292	367	17.75	cps
Zirconium	91-1	67	67	33	56	34.65	cps

LB Number :	LB104231	Operator :	Jaswal
Lab Sample ID :	K3763-03	Instrumnet Name :	P7
Client Sample ID :	MBFLM3	Dilution Factor :	1
Date & Time Acquired ::	2019-07-24 15:14:27	DataFile Name :	050SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	117	83	108	103	16.88	cps
Antimony	121-1	50	75	58	61	20.83	cps
Arsenic	75-2	0	4	2	2	100.00	cps
Barium	135-1	67	108	67	81	29.86	cps
Barium	137-1	100	142	100	114	21.12	cps
Beryllium	9-1	40	13	30	28	48.51	cps
Bismuth	209-1	922813	833155	780546	845505	8.51	cps
Bismuth	209-2	513444	522525	517283	517751	0.88	cps
Boron	10-1	1350	1208	1133	1231	8.94	cps
Boron	11-1	5426	5651	5043	5373	5.73	cps
Cadmium	111-1	88	90	81	86	5.12	cps
Cadmium	106-1	433	442	358	411	11.16	cps
Cadmium	108-1	4	4	4	4	0.00	cps
Calcium	43-1	558	425	642	542	20.18	cps
Calcium	44-1	10513	9712	9629	9951	4.90	cps
Chromium	52-2	213	210	237	220	6.60	cps
Cobalt	59-2	0	0	13	4	173.21	cps
Copper	63-2	253	337	333	308	15.33	cps
Dysprosium	156-1	0	8	0	3	173.21	cps
Dysprosium	156-2	0	0	0	0	0.00	cps
Erbium	164-1	17	0	0	6	173.21	cps
Erbium	164-2	0	7	0	2	173.21	cps
Gadolinium	160-1	0	0	8	3	173.21	cps
Gadolinium	160-2	13	17	37	22	56.80	cps
Holmium	165-1	1606534	1533327	1452756	1530872	5.02	cps
Holmium	165-2	765616	785368	778508	776497	1.29	cps
Indium	115-1	1202968	1149561	1078734	1143754	5.45	cps
Indium	115-2	207357	210637	209095	209030	0.78	cps
Iron	56-2	1822	1745	1739	1769	2.63	cps
Iron	57-2	72	39	39	50	38.49	cps
Krypton	83-1	67	40	40	49	31.50	cps
Lead	206-1	161	117	161	146	17.54	cps
Lead	207-1	122	128	83	111	21.79	cps
Lead	208-1	572	661	567	600	8.83	cps
Lithium	6-1	1174157	1122123	1063907	1120062	4.92	cps
Magnesium	24-2	617	367	575	519	25.79	cps

LB Number : LB104231 Operator : Jaswal
 Lab Sample ID : K3763-03 Instrumnet Name : P7
 Client Sample ID : MBFLM3 Dilution Factor : 1
 Date & Time Acquired :: 2019-07-24 15:14:27 DataFile Name : 050SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	13	33	37	28	45.44	cps
Molybdenum	94-1	67	50	33	50	33.34	cps
Molybdenum	95-1	17	8	17	14	34.67	cps
Molybdenum	96-1	58	25	58	47	40.76	cps
Molybdenum	97-1	8	17	8	11	43.34	cps
Molybdenum	98-1	67	25	17	36	74.18	cps
Neodymium	150-1	0	0	0	0	0.00	cps
Neodymium	150-2	0	0	0	0	0.00	cps
Nickel	60-2	30	17	13	20	44.10	cps
Phosphorus	31-2	67	33	58	53	32.88	cps
Potassium	39-2	5218	5034	5101	5118	1.81	cps
Rhodium	103-1	1230256	1178255	1109939	1172817	5.15	cps
Rhodium	103-2	492328	499710	495518	495852	0.75	cps
Scandium	45-1	1560042	1374041	1284088	1406057	10.01	cps
Scandium	45-2	56019	56963	55738	56240	1.14	cps
Selenium	77-2	0	0	0	0	0.00	cps
Selenium	78-2	11	7	7	9	24.71	cps
Selenium	82-1	14	33	38	28	45.56	cps
Silicon	28-1	62171	62155	61301	61876	0.80	cps
Silver	109-1	42	83	58	61	34.32	cps
Silver	107-1	67	117	50	78	44.61	cps
Sodium	23-2	39486	40105	39269	39620	1.09	cps
Strontium	86-1	133	150	150	144	6.66	cps
Strontium	88-1	550	583	550	561	3.43	cps
Sulfur	34-1	65586	65218	64464	65089	0.88	cps
Terbium	159-1	1663364	1602839	1508772	1591658	4.89	cps
Terbium	159-2	762240	778697	774494	771811	1.11	cps
Thallium	203-1	17	25	17	19	24.73	cps
Thallium	205-1	33	17	50	33	50.00	cps
Thorium	232-1	44	39	6	30	70.98	cps
Tin	118-1	583	533	550	556	4.58	cps
Titanium	47-1	50	42	33	42	19.99	cps
Uranium	238-1	0	0	0	0	0.00	cps
Vanadium	51-2	123	143	93	120	20.97	cps
Yttrium	89-1	1729129	1655487	1572228	1652281	4.75	cps
Yttrium	89-2	208040	212056	211214	210437	1.01	cps

LB Number :	LB104231	Operator :	Jaswal
Lab Sample ID :	K3763-03	Instrumnet Name :	P7
Client Sample ID :	MBFLM3	Dilution Factor :	1
Date & Time Acquired ::	2019-07-24 15:14:27	DataFile Name :	050SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zinc	66-2	537	577	457	523	11.68	cps
Zirconium	90-1	108	117	108	111	4.33	cps
Zirconium	91-1	25	33	25	28	17.31	cps

LB Number :	LB104231	Operator :	Jaswal
Lab Sample ID :	K3763-04	Instrumnet Name :	P7
Client Sample ID :	MBFLM5	Dilution Factor :	1
Date & Time Acquired ::	2019-07-24 15:18:03	DataFile Name :	051SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	267	225	233	242	9.12	cps
Antimony	121-1	150	208	250	203	24.77	cps
Arsenic	75-2	65	83	91	80	16.77	cps
Barium	135-1	70437	67707	67548	68564	2.37	cps
Barium	137-1	121638	117805	116814	118752	2.15	cps
Beryllium	9-1	37	37	37	37	0.00	cps
Bismuth	209-1	851346	830651	826181	836059	1.61	cps
Bismuth	209-2	521908	529762	525841	525837	0.75	cps
Boron	10-1	7569	6910	7652	7377	5.51	cps
Boron	11-1	30690	31751	32043	31495	2.26	cps
Cadmium	111-1	82	104	62	83	25.77	cps
Cadmium	106-1	417	500	317	411	22.33	cps
Cadmium	108-1	8	0	8	6	86.60	cps
Calcium	43-1	172207	167420	165727	168452	2.00	cps
Calcium	44-1	2955454	2906013	2918619	2926695	0.88	cps
Chromium	52-2	1137	1090	980	1069	7.53	cps
Cobalt	59-2	33	27	37	32	15.80	cps
Copper	63-2	1293	1283	1213	1263	3.45	cps
Dysprosium	156-1	8	8	0	6	86.60	cps
Dysprosium	156-2	7	0	0	2	173.21	cps
Erbium	164-1	0	17	17	11	86.60	cps
Erbium	164-2	7	3	0	3	100.05	cps
Gadolinium	160-1	8	0	17	8	100.02	cps
Gadolinium	160-2	30	37	20	29	29.04	cps
Holmium	165-1	1572273	1538746	1540551	1550523	1.22	cps
Holmium	165-2	802051	807636	801312	803666	0.43	cps
Indium	115-1	1157873	1149869	1145791	1151178	0.53	cps
Indium	115-2	211047	212872	211318	211746	0.47	cps
Iron	56-2	58082	59331	58533	58649	1.08	cps
Iron	57-2	2450	2267	2478	2398	4.78	cps
Krypton	83-1	43	70	37	50	35.28	cps
Lead	206-1	256	250	233	246	4.70	cps
Lead	207-1	222	272	222	239	12.08	cps
Lead	208-1	1011	1044	994	1017	2.50	cps
Lithium	6-1	1152221	1119264	1113452	1128312	1.85	cps
Magnesium	24-2	427324	427192	423784	426100	0.47	cps

LB Number :	LB104231	Operator :	Jaswal
Lab Sample ID :	K3763-04	Instrumnet Name :	P7
Client Sample ID :	MBFLM5	Dilution Factor :	1
Date & Time Acquired ::	2019-07-24 15:18:03	DataFile Name :	051SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	6445	6348	6255	6349	1.50	cps
Molybdenum	94-1	642	508	500	550	14.45	cps
Molybdenum	95-1	717	683	667	689	3.70	cps
Molybdenum	96-1	742	742	867	783	9.21	cps
Molybdenum	97-1	625	417	417	486	24.74	cps
Molybdenum	98-1	1183	1108	1175	1156	3.56	cps
Neodymium	150-1	20	0	13	11	91.66	cps
Neodymium	150-2	3	17	3	8	99.04	cps
Nickel	60-2	230	207	270	236	13.60	cps
Phosphorus	31-2	58	33	75	56	37.75	cps
Potassium	39-2	154505	154540	155809	154951	0.48	cps
Rhodium	103-1	1177294	1164086	1156061	1165814	0.92	cps
Rhodium	103-2	496235	499633	498518	498129	0.35	cps
Scandium	45-1	1393226	1358581	1353886	1368564	1.57	cps
Scandium	45-2	57491	57331	57762	57528	0.38	cps
Selenium	77-2	0	3	0	1	173.21	cps
Selenium	78-2	11	15	9	12	24.10	cps
Selenium	82-1	44	24	44	37	31.21	cps
Silicon	28-1	26713532	26392257	26501055	26535614	0.62	cps
Silver	109-1	108	75	125	103	24.77	cps
Silver	107-1	100	58	108	89	30.13	cps
Sodium	23-2	3278125	3257664	3256932	3264240	0.37	cps
Strontium	86-1	154396	151617	147962	151325	2.13	cps
Strontium	88-1	1398499	1403441	1387659	1396533	0.58	cps
Sulfur	34-1	97216	96704	96588	96836	0.34	cps
Terbium	159-1	1630290	1612720	1616104	1619705	0.58	cps
Terbium	159-2	785665	792445	797013	791708	0.72	cps
Thallium	203-1	50	0	25	25	100.00	cps
Thallium	205-1	33	17	8	19	65.47	cps
Thorium	232-1	39	33	33	35	9.12	cps
Tin	118-1	142	117	108	122	14.19	cps
Titanium	47-1	283	375	283	314	16.86	cps
Uranium	238-1	342	275	317	311	10.83	cps
Vanadium	51-2	317	303	293	304	3.84	cps
Yttrium	89-1	1671091	1673850	1658924	1667955	0.48	cps
Yttrium	89-2	211835	216431	215707	214658	1.15	cps

LB Number :	LB104231	Operator :	Jaswal
Lab Sample ID :	K3763-04	Instrumnet Name :	P7
Client Sample ID :	MBFLM5	Dilution Factor :	1
Date & Time Acquired ::	2019-07-24 15:18:03	DataFile Name :	051SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zinc	66-2	297	347	340	328	8.28	cps
Zirconium	90-1	183	200	142	175	17.17	cps
Zirconium	91-1	67	25	42	44	47.19	cps

LB Number :	LB104231	Operator :	Jaswal
Lab Sample ID :	K3763-05	Instrumnet Name :	P7
Client Sample ID :	MBFLM6	Dilution Factor :	1
Date & Time Acquired ::	2019-07-24 15:21:39	DataFile Name :	052SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	1125	1242	1058	1142	8.13	cps
Antimony	121-1	183	158	192	178	9.76	cps
Arsenic	75-2	22	22	19	21	10.18	cps
Barium	135-1	11630	10771	11105	11169	3.88	cps
Barium	137-1	19815	20140	19581	19846	1.42	cps
Beryllium	9-1	57	20	40	39	47.21	cps
Bismuth	209-1	826386	802209	796339	808311	1.97	cps
Bismuth	209-2	512812	514158	510984	512651	0.31	cps
Boron	10-1	40806	41558	41508	41291	1.02	cps
Boron	11-1	175795	174101	173478	174458	0.69	cps
Cadmium	111-1	189	225	187	200	10.77	cps
Cadmium	106-1	383	392	400	392	2.13	cps
Cadmium	108-1	13	17	8	13	33.36	cps
Calcium	43-1	63102	61997	59972	61690	2.57	cps
Calcium	44-1	1015325	994084	974957	994789	2.03	cps
Chromium	52-2	16713	17204	17107	17008	1.53	cps
Cobalt	59-2	2470	2250	2304	2341	4.90	cps
Copper	63-2	1387	1317	1423	1376	3.94	cps
Dysprosium	156-1	25	58	42	42	40.00	cps
Dysprosium	156-2	23	17	37	26	39.85	cps
Erbium	164-1	42	42	17	33	43.30	cps
Erbium	164-2	10	27	20	19	44.42	cps
Gadolinium	160-1	33	25	50	36	35.25	cps
Gadolinium	160-2	37	50	50	46	16.89	cps
Holmium	165-1	1529329	1533444	1517088	1526620	0.56	cps
Holmium	165-2	787510	796443	795447	793133	0.62	cps
Indium	115-1	1131612	1120254	1109358	1120408	0.99	cps
Indium	115-2	206274	204980	206727	205994	0.44	cps
Iron	56-2	849224	856039	858525	854596	0.56	cps
Iron	57-2	21143	21321	21472	21312	0.77	cps
Krypton	83-1	47	50	60	52	13.28	cps
Lead	206-1	806	672	872	783	13.00	cps
Lead	207-1	644	561	761	656	15.33	cps
Lead	208-1	3167	2839	3172	3059	6.24	cps
Lithium	6-1	1125121	1101774	1087602	1104833	1.71	cps
Magnesium	24-2	169018	169801	172236	170352	0.99	cps

LB Number :	LB104231	Operator :	Jaswal
Lab Sample ID :	K3763-05	Instrumnet Name :	P7
Client Sample ID :	MBFLM6	Dilution Factor :	1
Date & Time Acquired ::	2019-07-24 15:21:39	DataFile Name :	052SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	36111	36803	36626	36513	0.98	cps
Molybdenum	94-1	1508	1192	1250	1317	12.80	cps
Molybdenum	95-1	2259	2400	2167	2275	5.17	cps
Molybdenum	96-1	2075	2284	2509	2289	9.47	cps
Molybdenum	97-1	1467	1408	1258	1378	7.80	cps
Molybdenum	98-1	3459	3117	3376	3317	5.37	cps
Neodymium	150-1	107	33	100	80	50.69	cps
Neodymium	150-2	40	43	20	34	36.64	cps
Nickel	60-2	10124	9880	10737	10247	4.31	cps
Phosphorus	31-2	142	58	75	92	48.10	cps
Potassium	39-2	109149	108939	111029	109706	1.05	cps
Rhodium	103-1	1049746	1125883	1008269	1061299	5.62	cps
Rhodium	103-2	485042	487078	484936	485685	0.25	cps
Scandium	45-1	1386495	1363310	1342808	1364204	1.60	cps
Scandium	45-2	55925	56959	56892	56592	1.02	cps
Selenium	77-2	0	0	0	0	0.00	cps
Selenium	78-2	11	22	9	14	49.38	cps
Selenium	82-1	15	22	28	21	29.39	cps
Silicon	28-1	17432627	17247495	17102034	17260719	0.96	cps
Silver	109-1	58	100	33	64	52.72	cps
Silver	107-1	125	75	83	94	28.37	cps
Sodium	23-2	11490962	11525292	11533448	11516567	0.20	cps
Strontium	86-1	56612	54589	54746	55316	2.03	cps
Strontium	88-1	479955	469436	464178	471190	1.70	cps
Sulfur	34-1	415531	414483	410893	413636	0.59	cps
Terbium	159-1	1600345	1581833	1578624	1586934	0.74	cps
Terbium	159-2	780336	787405	790288	786010	0.65	cps
Thallium	203-1	8	8	8	8	0.00	cps
Thallium	205-1	25	17	25	22	21.64	cps
Thorium	232-1	78	139	83	100	33.79	cps
Tin	118-1	133	167	208	169	22.18	cps
Titanium	47-1	1033	900	858	931	9.82	cps
Uranium	238-1	200	208	133	181	22.77	cps
Vanadium	51-2	173	133	140	149	14.39	cps
Yttrium	89-1	1638987	1622197	1608458	1623214	0.94	cps
Yttrium	89-2	208844	208161	210387	209131	0.55	cps

LB Number :	LB104231	Operator :	Jaswal
Lab Sample ID :	K3763-05	Instrumnet Name :	P7
Client Sample ID :	MBFLM6	Dilution Factor :	1
Date & Time Acquired ::	2019-07-24 15:21:39	DataFile Name :	052SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zinc	66-2	960	1010	947	972	3.43	cps
Zirconium	90-1	267	250	392	303	25.57	cps
Zirconium	91-1	75	42	25	47	53.91	cps

LB Number :	LB104231	Operator :	Jaswal
Lab Sample ID :	K3763-06	Instrumnet Name :	P7
Client Sample ID :	MBFLM7	Dilution Factor :	1
Date & Time Acquired ::	2019-07-24 15:25:15	DataFile Name :	053SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	3792	4434	4117	4115	7.80	cps
Antimony	121-1	192	167	133	164	17.86	cps
Arsenic	75-2	324	344	385	351	8.86	cps
Barium	135-1	90091	86585	86360	87679	2.39	cps
Barium	137-1	153862	147745	147705	149771	2.37	cps
Beryllium	9-1	137	137	160	144	9.32	cps
Bismuth	209-1	839406	802133	797763	813101	2.81	cps
Bismuth	209-2	504645	502538	506699	504628	0.41	cps
Boron	10-1	16551	15483	15909	15981	3.36	cps
Boron	11-1	69418	68840	67519	68593	1.42	cps
Cadmium	111-1	91	104	126	107	16.52	cps
Cadmium	106-1	392	467	483	447	10.92	cps
Cadmium	108-1	0	8	0	3	173.21	cps
Calcium	43-1	308066	298601	290044	298904	3.02	cps
Calcium	44-1	5293475	5196051	5126942	5205489	1.61	cps
Chromium	52-2	1240	1183	1160	1195	3.44	cps
Cobalt	59-2	277	260	240	259	7.09	cps
Copper	63-2	813	860	803	826	3.66	cps
Dysprosium	156-1	342	342	325	336	2.86	cps
Dysprosium	156-2	157	143	143	148	5.21	cps
Erbium	164-1	200	200	150	183	15.75	cps
Erbium	164-2	117	93	80	97	19.20	cps
Gadolinium	160-1	325	158	267	250	33.83	cps
Gadolinium	160-2	210	150	173	178	17.01	cps
Holmium	165-1	1562378	1526555	1518141	1535691	1.53	cps
Holmium	165-2	779897	777031	781611	779513	0.30	cps
Indium	115-1	1132470	1108497	1099442	1113470	1.53	cps
Indium	115-2	201578	202690	202585	202284	0.30	cps
Iron	56-2	1803336	1781638	1785222	1790065	0.65	cps
Iron	57-2	43158	43498	42841	43166	0.76	cps
Krypton	83-1	70	47	60	59	19.88	cps
Lead	206-1	850	811	667	776	12.45	cps
Lead	207-1	628	656	811	698	14.15	cps
Lead	208-1	3245	3217	2989	3150	4.45	cps
Lithium	6-1	1132499	1104730	1094485	1110571	1.77	cps
Magnesium	24-2	993164	970309	967166	976880	1.45	cps

LB Number :	LB104231	Operator :	Jaswal
Lab Sample ID :	K3763-06	Instrumnet Name :	P7
Client Sample ID :	MBFLM7	Dilution Factor :	1
Date & Time Acquired ::	2019-07-24 15:25:15	DataFile Name :	053SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	275125	271809	273994	273643	0.62	cps
Molybdenum	94-1	300	350	250	300	16.67	cps
Molybdenum	95-1	142	208	250	200	27.33	cps
Molybdenum	96-1	283	300	233	272	12.75	cps
Molybdenum	97-1	67	142	100	103	36.56	cps
Molybdenum	98-1	250	408	258	306	29.16	cps
Neodymium	150-1	447	580	500	509	13.19	cps
Neodymium	150-2	170	147	180	166	10.33	cps
Nickel	60-2	580	563	597	580	2.87	cps
Phosphorus	31-2	633	692	742	689	7.87	cps
Potassium	39-2	270285	267222	267369	268292	0.64	cps
Rhodium	103-1	1050793	1013555	995711	1020019	2.76	cps
Rhodium	103-2	474236	470487	472833	472519	0.40	cps
Scandium	45-1	1364440	1322953	1300471	1329288	2.44	cps
Scandium	45-2	55701	54523	54446	54890	1.28	cps
Selenium	77-2	0	0	0	0	0.00	cps
Selenium	78-2	11	19	4	11	66.70	cps
Selenium	82-1	24	14	34	24	41.99	cps
Silicon	28-1	41978895	41379432	40679452	41345926	1.57	cps
Silver	109-1	50	83	117	83	40.00	cps
Silver	107-1	133	67	75	92	39.63	cps
Sodium	23-2	4155884	4053745	4064766	4091465	1.37	cps
Strontium	86-1	271006	264740	259319	265022	2.21	cps
Strontium	88-1	2486123	2433191	2436926	2452080	1.20	cps
Sulfur	34-1	116662	116797	117998	117152	0.63	cps
Terbium	159-1	1611735	1590322	1567400	1589819	1.39	cps
Terbium	159-2	772658	764870	768962	768830	0.51	cps
Thallium	203-1	0	0	0	0	0.00	cps
Thallium	205-1	25	42	58	42	40.00	cps
Thorium	232-1	411	333	356	367	10.93	cps
Tin	118-1	292	325	258	292	11.43	cps
Titanium	47-1	1608	1417	1800	1609	11.92	cps
Uranium	238-1	258	208	200	222	14.20	cps
Vanadium	51-2	303	300	290	298	2.33	cps
Yttrium	89-1	1652263	1619854	1607617	1626578	1.42	cps
Yttrium	89-2	204298	204090	205245	204545	0.30	cps

LB Number :	LB104231	Operator :	Jaswal
Lab Sample ID :	K3763-06	Instrumnet Name :	P7
Client Sample ID :	MBFLM7	Dilution Factor :	1
Date & Time Acquired ::	2019-07-24 15:25:15	DataFile Name :	053SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zinc	66-2	627	573	600	600	4.44	cps
Zirconium	90-1	358	317	350	342	6.45	cps
Zirconium	91-1	117	67	92	92	27.27	cps

LB Number :	LB104231	Operator :	Jaswal
Lab Sample ID :	K3763-07	Instrumnet Name :	P7
Client Sample ID :	MBFLM8	Dilution Factor :	1
Date & Time Acquired ::	2019-07-24 15:28:52	DataFile Name :	054SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	7210	6860	6735	6935	3.55	cps
Antimony	121-1	283	233	225	247	12.76	cps
Arsenic	75-2	52	61	63	59	10.15	cps
Barium	135-1	65430	63211	63521	64054	1.88	cps
Barium	137-1	113864	109563	107381	110269	2.99	cps
Beryllium	9-1	147	113	133	131	12.79	cps
Bismuth	209-1	864693	844105	849192	852663	1.26	cps
Bismuth	209-2	523322	528291	525189	525601	0.48	cps
Boron	10-1	27009	27159	26958	27042	0.39	cps
Boron	11-1	119789	118202	117539	118510	0.98	cps
Cadmium	111-1	7002	6947	7043	6997	0.68	cps
Cadmium	106-1	1117	1175	1142	1145	2.56	cps
Cadmium	108-1	563	396	458	472	17.83	cps
Calcium	43-1	84658	82446	80762	82622	2.36	cps
Calcium	44-1	1331406	1298726	1284558	1304897	1.84	cps
Chromium	52-2	1997	1977	2084	2019	2.81	cps
Cobalt	59-2	1220	1107	1060	1129	7.29	cps
Copper	63-2	1337	1270	1420	1342	5.60	cps
Dysprosium	156-1	1984	2159	2267	2136	6.69	cps
Dysprosium	156-2	1300	1323	1203	1276	4.99	cps
Erbium	164-1	2050	1925	2009	1995	3.19	cps
Erbium	164-2	1047	1017	1137	1067	5.85	cps
Gadolinium	160-1	2059	2250	1967	2092	6.91	cps
Gadolinium	160-2	1337	1437	1343	1372	4.07	cps
Holmium	165-1	1540807	1552846	1578981	1557545	1.25	cps
Holmium	165-2	786361	791620	790771	789584	0.36	cps
Indium	115-1	1135628	1138888	1154039	1142852	0.86	cps
Indium	115-2	203971	207026	206764	205920	0.82	cps
Iron	56-2	179434	179923	179925	179761	0.16	cps
Iron	57-2	4968	4812	4773	4851	2.12	cps
Krypton	83-1	50	57	60	56	9.17	cps
Lead	206-1	4212	4273	3728	4071	7.33	cps
Lead	207-1	3695	3662	3245	3534	7.10	cps
Lead	208-1	16960	16143	15738	16280	3.83	cps
Lithium	6-1	1124004	1107744	1116707	1116152	0.73	cps
Magnesium	24-2	90372	90917	91562	90950	0.66	cps

LB Number :	LB104231	Operator :	Jaswal
Lab Sample ID :	K3763-07	Instrumnet Name :	P7
Client Sample ID :	MBFLM8	Dilution Factor :	1
Date & Time Acquired ::	2019-07-24 15:28:52	DataFile Name :	054SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	37809	37682	38631	38040	1.35	cps
Molybdenum	94-1	167	217	242	208	18.33	cps
Molybdenum	95-1	100	100	67	89	21.65	cps
Molybdenum	96-1	100	142	125	122	17.16	cps
Molybdenum	97-1	58	67	67	64	7.53	cps
Molybdenum	98-1	183	75	175	144	41.74	cps
Neodymium	150-1	3554	3627	3534	3572	1.38	cps
Neodymium	150-2	1563	1650	1547	1587	3.50	cps
Nickel	60-2	617	603	587	602	2.50	cps
Phosphorus	31-2	75	75	67	72	6.66	cps
Potassium	39-2	81490	80368	79773	80544	1.08	cps
Rhodium	103-1	1050768	1147089	1161042	1119633	5.36	cps
Rhodium	103-2	488231	484359	485696	486095	0.40	cps
Scandium	45-1	1345507	1340844	1350802	1345718	0.37	cps
Scandium	45-2	53747	54496	55738	54660	1.84	cps
Selenium	77-2	23	30	13	22	37.76	cps
Selenium	78-2	43	44	35	41	12.01	cps
Selenium	82-1	175	173	162	170	3.97	cps
Silicon	28-1	7487855	7411957	7419151	7439654	0.56	cps
Silver	109-1	58	92	58	69	27.71	cps
Silver	107-1	125	25	92	81	63.21	cps
Sodium	23-2	950052	942712	948662	947142	0.41	cps
Strontium	86-1	98839	94878	94333	96017	2.56	cps
Strontium	88-1	828046	807697	802091	812611	1.68	cps
Sulfur	34-1	186669	181981	180792	183147	1.70	cps
Terbium	159-1	1605769	1622093	1628547	1618803	0.73	cps
Terbium	159-2	780481	785781	782727	782996	0.34	cps
Thallium	203-1	75	50	33	53	39.74	cps
Thallium	205-1	158	158	108	142	20.38	cps
Thorium	232-1	139	133	61	111	39.05	cps
Tin	118-1	267	275	233	258	8.54	cps
Titanium	47-1	1325	1667	1792	1595	15.15	cps
Uranium	238-1	1058	1092	958	1036	6.70	cps
Vanadium	51-2	393	510	440	448	13.11	cps
Yttrium	89-1	1678251	1674113	1705896	1686087	1.02	cps
Yttrium	89-2	210674	212013	213217	211968	0.60	cps

LB Number :	LB104231	Operator :	Jaswal
Lab Sample ID :	K3763-07	Instrumnet Name :	P7
Client Sample ID :	MBFLM8	Dilution Factor :	1
Date & Time Acquired ::	2019-07-24 15:28:52	DataFile Name :	054SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zinc	66-2	43468	44371	44387	44075	1.19	cps
Zirconium	90-1	433	450	275	386	25.02	cps
Zirconium	91-1	108	67	108	94	25.47	cps

LB Number :	LB104231	Operator :	Jaswal
Lab Sample ID :	K3763-09	Instrumnet Name :	P7
Client Sample ID :	MBFLM8D	Dilution Factor :	1
Date & Time Acquired ::	2019-07-24 15:32:28	DataFile Name :	055SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	6577	6468	6527	6524	0.83	cps
Antimony	121-1	250	275	275	267	5.41	cps
Arsenic	75-2	69	85	61	72	17.22	cps
Barium	135-1	66175	63320	63077	64190	2.68	cps
Barium	137-1	114325	110639	110135	111699	2.05	cps
Beryllium	9-1	110	123	143	126	13.36	cps
Bismuth	209-1	867260	820750	803401	830470	3.98	cps
Bismuth	209-2	515823	520730	512731	516428	0.78	cps
Boron	10-1	28010	28336	29254	28533	2.26	cps
Boron	11-1	123375	122436	124167	123326	0.70	cps
Cadmium	111-1	7454	7267	7188	7303	1.87	cps
Cadmium	106-1	1233	992	1267	1164	12.89	cps
Cadmium	108-1	546	417	513	492	13.64	cps
Calcium	43-1	84541	82823	82279	83214	1.42	cps
Calcium	44-1	1336717	1317990	1297819	1317509	1.48	cps
Chromium	52-2	1927	1817	2024	1922	5.38	cps
Cobalt	59-2	1193	1010	1097	1100	8.34	cps
Copper	63-2	1210	1410	1360	1327	7.85	cps
Dysprosium	156-1	2017	1942	2009	1989	2.07	cps
Dysprosium	156-2	1270	1250	1237	1252	1.34	cps
Erbium	164-1	1784	1842	1925	1850	3.85	cps
Erbium	164-2	1150	940	1060	1050	10.03	cps
Gadolinium	160-1	2200	2092	1800	2031	10.19	cps
Gadolinium	160-2	1383	1373	1390	1382	0.61	cps
Holmium	165-1	1563381	1517915	1501050	1527449	2.11	cps
Holmium	165-2	775658	783191	769064	775971	0.91	cps
Indium	115-1	1149409	1108877	1100215	1119500	2.35	cps
Indium	115-2	202803	204112	201772	202896	0.58	cps
Iron	56-2	182857	181143	180512	181504	0.67	cps
Iron	57-2	4995	4790	4656	4814	3.55	cps
Krypton	83-1	60	60	63	61	3.15	cps
Lead	206-1	4390	4034	4273	4232	4.28	cps
Lead	207-1	3678	3662	3423	3588	3.99	cps
Lead	208-1	16832	16538	16243	16538	1.78	cps
Lithium	6-1	1121092	1082780	1069926	1091266	2.44	cps
Magnesium	24-2	92091	91252	90455	91266	0.90	cps

LB Number :	LB104231	Operator :	Jaswal
Lab Sample ID :	K3763-09	Instrumnet Name :	P7
Client Sample ID :	MBFLM8D	Dilution Factor :	1
Date & Time Acquired ::	2019-07-24 15:32:28	DataFile Name :	055SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	38537	38440	38504	38494	0.13	cps
Molybdenum	94-1	242	183	217	214	13.68	cps
Molybdenum	95-1	108	108	67	94	25.47	cps
Molybdenum	96-1	133	167	150	150	11.11	cps
Molybdenum	97-1	75	108	58	81	31.60	cps
Molybdenum	98-1	233	117	183	178	32.93	cps
Neodymium	150-1	3667	3867	3847	3794	2.90	cps
Neodymium	150-2	1570	1573	1560	1568	0.44	cps
Nickel	60-2	600	600	537	579	6.32	cps
Phosphorus	31-2	50	58	33	47	26.97	cps
Potassium	39-2	80309	79463	82437	80736	1.90	cps
Rhodium	103-1	1154294	1003793	994785	1050957	8.53	cps
Rhodium	103-2	479731	481249	478581	479854	0.28	cps
Scandium	45-1	1357523	1294496	1280001	1310673	3.14	cps
Scandium	45-2	53125	53172	54242	53513	1.18	cps
Selenium	77-2	7	23	17	16	53.90	cps
Selenium	78-2	48	35	35	40	18.94	cps
Selenium	82-1	202	163	182	183	10.48	cps
Silicon	28-1	7497638	7500121	7488941	7495567	0.08	cps
Silver	109-1	67	92	75	78	16.37	cps
Silver	107-1	83	67	92	81	15.80	cps
Sodium	23-2	956528	954438	948390	953119	0.44	cps
Strontium	86-1	97948	97470	97228	97549	0.38	cps
Strontium	88-1	837380	823109	812988	824492	1.49	cps
Sulfur	34-1	185608	189447	184832	186629	1.32	cps
Terbium	159-1	1625271	1587571	1569197	1594013	1.79	cps
Terbium	159-2	773528	773089	764803	770473	0.64	cps
Thallium	203-1	33	67	50	50	33.34	cps
Thallium	205-1	142	133	183	153	17.53	cps
Thorium	232-1	100	100	83	94	10.18	cps
Tin	118-1	275	233	250	253	8.30	cps
Titanium	47-1	1667	1775	1734	1725	3.17	cps
Uranium	238-1	1150	933	1083	1056	10.51	cps
Vanadium	51-2	500	360	377	412	18.55	cps
Yttrium	89-1	1677734	1635138	1616873	1643248	1.90	cps
Yttrium	89-2	207268	208567	207722	207852	0.32	cps

LB Number :	LB104231	Operator :	Jaswal
Lab Sample ID :	K3763-09	Instrumnet Name :	P7
Client Sample ID :	MBFLM8D	Dilution Factor :	1
Date & Time Acquired ::	2019-07-24 15:32:28	DataFile Name :	055SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zinc	66-2	44130	44514	44672	44439	0.63	cps
Zirconium	90-1	342	300	517	386	29.78	cps
Zirconium	91-1	92	58	75	75	22.22	cps

LB Number :	LB104231	Operator :	Jaswal
Lab Sample ID :	K3763-10	Instrumnet Name :	P7
Client Sample ID :	MBFLM8S	Dilution Factor :	1
Date & Time Acquired ::	2019-07-24 15:36:04	DataFile Name :	056SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	53429	52443	52443	52772	1.08	cps
Antimony	121-1	116615	115078	111112	114269	2.48	cps
Arsenic	75-2	2032	1952	2069	2017	2.96	cps
Barium	135-1	731249	709676	696716	712547	2.45	cps
Barium	137-1	1369560	1348520	1342266	1353448	1.06	cps
Beryllium	9-1	42697	41928	40578	41734	2.57	cps
Bismuth	209-1	837005	809365	806260	817543	2.07	cps
Bismuth	209-2	503228	505870	514328	507809	1.14	cps
Boron	10-1	27518	27109	27618	27415	0.98	cps
Boron	11-1	124139	123687	124417	124081	0.30	cps
Cadmium	111-1	23557	22609	21997	22721	3.46	cps
Cadmium	106-1	2442	2367	2700	2503	6.99	cps
Cadmium	108-1	1729	1692	1475	1632	8.41	cps
Calcium	43-1	83837	81726	79279	81614	2.80	cps
Calcium	44-1	1331419	1304427	1276414	1304086	2.11	cps
Chromium	52-2	114725	112421	114534	113893	1.12	cps
Cobalt	59-2	368001	364476	367721	366733	0.53	cps
Copper	63-2	111803	112182	112135	112040	0.18	cps
Dysprosium	156-1	2042	1859	1800	1900	6.64	cps
Dysprosium	156-2	1183	1293	1310	1262	5.45	cps
Erbium	164-1	1884	2225	1875	1995	10.01	cps
Erbium	164-2	1087	1057	1177	1107	5.64	cps
Gadolinium	160-1	2175	2234	2334	2248	3.56	cps
Gadolinium	160-2	1370	1387	1517	1425	5.64	cps
Holmium	165-1	1533752	1485875	1488386	1502671	1.79	cps
Holmium	165-2	766506	772395	782527	773809	1.05	cps
Indium	115-1	1104606	1084147	1079956	1089570	1.21	cps
Indium	115-2	198936	197885	202054	199625	1.09	cps
Iron	56-2	608297	608492	606763	607851	0.16	cps
Iron	57-2	15681	15559	15470	15570	0.68	cps
Krypton	83-1	40	60	80	60	33.33	cps
Lead	206-1	22492	22035	21323	21950	2.68	cps
Lead	207-1	20500	20422	20010	20310	1.30	cps
Lead	208-1	91831	89915	88556	90101	1.83	cps
Lithium	6-1	1092488	1070196	1053512	1072065	1.82	cps
Magnesium	24-2	91655	89785	90523	90654	1.04	cps

LB Number :	LB104231	Operator :	Jaswal
Lab Sample ID :	K3763-10	Instrumnet Name :	P7
Client Sample ID :	MBFLM8S	Dilution Factor :	1
Date & Time Acquired ::	2019-07-24 15:36:04	DataFile Name :	056SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	196300	197422	196966	196896	0.29	cps
Molybdenum	94-1	225	217	225	222	2.16	cps
Molybdenum	95-1	158	75	133	122	34.99	cps
Molybdenum	96-1	167	158	133	153	11.35	cps
Molybdenum	97-1	92	108	67	89	23.59	cps
Molybdenum	98-1	175	242	183	200	18.16	cps
Neodymium	150-1	3827	3814	3834	3825	0.27	cps
Neodymium	150-2	1667	1650	1587	1635	2.58	cps
Nickel	60-2	88971	88817	89018	88935	0.12	cps
Phosphorus	31-2	17	58	92	56	67.63	cps
Potassium	39-2	80368	80309	80962	80546	0.45	cps
Rhodium	103-1	1027722	1005064	984838	1005874	2.13	cps
Rhodium	103-2	472770	470716	477677	473721	0.75	cps
Scandium	45-1	1306940	1286275	1264400	1285872	1.65	cps
Scandium	45-2	53677	51814	53416	52969	1.90	cps
Selenium	77-2	243	257	213	238	9.33	cps
Selenium	78-2	789	772	726	762	4.28	cps
Selenium	82-1	4988	4754	4846	4863	2.42	cps
Silicon	28-1	7615659	7538746	7460786	7538397	1.03	cps
Silver	109-1	73374	70459	69563	71132	2.80	cps
Silver	107-1	75225	73491	73759	74158	1.26	cps
Sodium	23-2	949989	941760	951569	947773	0.56	cps
Strontium	86-1	98461	96742	94510	96571	2.05	cps
Strontium	88-1	829926	817098	799338	815454	1.88	cps
Sulfur	34-1	185161	181087	177495	181248	2.12	cps
Terbium	159-1	1576124	1554047	1549388	1559853	0.92	cps
Terbium	159-2	754751	759889	767350	760663	0.83	cps
Thallium	203-1	53241	50999	51125	51788	2.43	cps
Thallium	205-1	128805	126658	124347	126603	1.76	cps
Thorium	232-1	322	300	261	294	10.51	cps
Tin	118-1	408	342	350	367	9.91	cps
Titanium	47-1	1976	1775	1659	1803	8.89	cps
Uranium	238-1	1083	1250	1033	1122	10.11	cps
Vanadium	51-2	242608	238698	239176	240161	0.89	cps
Yttrium	89-1	1629521	1607780	1593073	1610125	1.14	cps
Yttrium	89-2	205426	203766	206434	205209	0.66	cps

LB Number :	LB104231	Operator :	Jaswal
Lab Sample ID :	K3763-10	Instrumnet Name :	P7
Client Sample ID :	MBFLM8S	Dilution Factor :	1
Date & Time Acquired ::	2019-07-24 15:36:04	DataFile Name :	056SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zinc	66-2	81643	83671	84650	83321	1.84	cps
Zirconium	90-1	500	442	392	444	12.20	cps
Zirconium	91-1	142	92	83	106	29.89	cps

LB Number :	LB104231	Operator :	Jaswal
Lab Sample ID :	K3763-07LX5	Instrumnet Name :	P7
Client Sample ID :	MBFLM8L	Dilution Factor :	5
Date & Time Acquired ::	2019-07-24 15:39:40	DataFile Name :	057SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	1150	1183	1200	1178	2.16	cps
Antimony	121-1	117	83	50	83	40.00	cps
Arsenic	75-2	17	7	15	13	37.79	cps
Barium	135-1	11021	10921	10638	10860	1.83	cps
Barium	137-1	19097	18229	18329	18552	2.56	cps
Beryllium	9-1	50	33	50	44	21.66	cps
Bismuth	209-1	729860	713851	696409	713374	2.35	cps
Bismuth	209-2	444972	451209	452077	449419	0.86	cps
Boron	10-1	7352	7594	7644	7530	2.07	cps
Boron	11-1	32394	32469	31392	32085	1.87	cps
Cadmium	111-1	1058	1229	1172	1153	7.54	cps
Cadmium	106-1	567	575	517	553	5.71	cps
Cadmium	108-1	108	75	75	86	22.35	cps
Calcium	43-1	14307	14074	13782	14054	1.87	cps
Calcium	44-1	227413	225630	223627	225557	0.84	cps
Chromium	52-2	460	483	433	459	5.45	cps
Cobalt	59-2	203	200	213	206	3.38	cps
Copper	63-2	330	363	217	303	25.35	cps
Dysprosium	156-1	217	325	325	289	21.65	cps
Dysprosium	156-2	190	227	240	219	11.83	cps
Erbium	164-1	383	317	325	342	10.63	cps
Erbium	164-2	190	170	160	173	8.82	cps
Gadolinium	160-1	267	375	383	342	19.05	cps
Gadolinium	160-2	210	263	233	236	11.35	cps
Holmium	165-1	1313091	1303357	1295586	1304011	0.67	cps
Holmium	165-2	674059	679724	682616	678800	0.64	cps
Indium	115-1	889624	880539	861372	877178	1.64	cps
Indium	115-2	175245	179966	177353	177521	1.33	cps
Iron	56-2	31324	31267	30727	31106	1.06	cps
Iron	57-2	856	872	850	859	1.35	cps
Krypton	83-1	47	53	37	46	18.41	cps
Lead	206-1	672	750	895	772	14.60	cps
Lead	207-1	633	606	572	604	5.07	cps
Lead	208-1	2861	2739	3022	2874	4.94	cps
Lithium	6-1	933907	930387	912696	925663	1.23	cps
Magnesium	24-2	16126	15300	15217	15548	3.23	cps

LB Number :	LB104231	Operator :	Jaswal
Lab Sample ID :	K3763-07LX5	Instrumnet Name :	P7
Client Sample ID :	MBFLM8L	Dilution Factor :	5
Date & Time Acquired ::	2019-07-24 15:39:40	DataFile Name :	057SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	6608	6518	6495	6540	0.92	cps
Molybdenum	94-1	67	42	83	64	32.83	cps
Molybdenum	95-1	25	25	17	22	21.64	cps
Molybdenum	96-1	42	83	8	44	84.56	cps
Molybdenum	97-1	8	8	25	14	69.31	cps
Molybdenum	98-1	17	50	25	31	56.77	cps
Neodymium	150-1	607	540	613	587	6.91	cps
Neodymium	150-2	217	270	273	253	12.55	cps
Nickel	60-2	97	93	113	101	10.60	cps
Phosphorus	31-2	42	50	33	42	20.00	cps
Potassium	39-2	16919	16944	16551	16805	1.31	cps
Rhodium	103-1	888817	876108	863884	876270	1.42	cps
Rhodium	103-2	416962	421326	420729	419672	0.56	cps
Scandium	45-1	1135209	1125726	1091580	1117505	2.05	cps
Scandium	45-2	46075	46637	46693	46468	0.74	cps
Selenium	77-2	3	0	0	1	173.21	cps
Selenium	78-2	7	13	13	11	28.84	cps
Selenium	82-1	40	29	49	39	24.42	cps
Silicon	28-1	1208731	1193777	1181181	1194563	1.15	cps
Silver	109-1	17	42	33	31	41.66	cps
Silver	107-1	50	8	58	39	68.89	cps
Sodium	23-2	167238	169100	166682	167674	0.76	cps
Strontium	86-1	16452	16376	16176	16335	0.87	cps
Strontium	88-1	140852	134836	135796	137161	2.36	cps
Sulfur	34-1	87455	88353	89837	88549	1.36	cps
Terbium	159-1	1357586	1358744	1347380	1354570	0.46	cps
Terbium	159-2	666054	672997	675656	671569	0.74	cps
Thallium	203-1	25	0	25	17	86.60	cps
Thallium	205-1	75	42	83	67	33.07	cps
Thorium	232-1	44	44	39	43	7.54	cps
Tin	118-1	75	100	42	72	40.52	cps
Titanium	47-1	250	233	208	231	9.10	cps
Uranium	238-1	150	158	217	175	20.76	cps
Vanadium	51-2	57	70	70	66	11.74	cps
Yttrium	89-1	1368560	1378633	1369888	1372360	0.40	cps
Yttrium	89-2	178729	178544	180620	179298	0.64	cps

LB Number :	LB104231	Operator :	Jaswal
Lab Sample ID :	K3763-07LX5	Instrumnet Name :	P7
Client Sample ID :	MBFLM8L	Dilution Factor :	5
Date & Time Acquired ::	2019-07-24 15:39:40	DataFile Name :	057SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zinc	66-2	6835	7139	6862	6945	2.42	cps
Zirconium	90-1	142	133	175	150	14.70	cps
Zirconium	91-1	58	42	100	67	45.06	cps

LB Number : LB104231 Operator : Jaswal
 Lab Sample ID : K3763-08 Instrumnet Name : P7
 Client Sample ID : MBFLN0 Dilution Factor : 1
 Date & Time Acquired :: 2019-07-24 15:43:16 DataFile Name : 058SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	192	150	192	178	13.53	cps
Antimony	121-1	50	83	75	69	24.98	cps
Arsenic	75-2	4	0	0	1	173.21	cps
Barium	135-1	150	183	183	172	11.17	cps
Barium	137-1	350	358	317	342	6.45	cps
Beryllium	9-1	33	13	30	26	41.94	cps
Bismuth	209-1	868894	839459	820518	842957	2.89	cps
Bismuth	209-2	516017	523009	511151	516726	1.15	cps
Boron	10-1	1759	1825	1892	1825	3.65	cps
Boron	11-1	8111	7644	7836	7863	2.98	cps
Cadmium	111-1	95	96	100	97	2.27	cps
Cadmium	106-1	492	475	492	486	1.98	cps
Cadmium	108-1	4	4	4	4	0.00	cps
Calcium	43-1	642	725	658	675	6.53	cps
Calcium	44-1	15317	14049	13698	14355	5.93	cps
Chromium	52-2	220	237	177	211	14.67	cps
Cobalt	59-2	0	7	10	6	91.64	cps
Copper	63-2	257	237	227	240	6.36	cps
Dysprosium	156-1	0	0	0	0	0.00	cps
Dysprosium	156-2	0	3	7	3	100.05	cps
Erbium	164-1	0	17	0	6	173.21	cps
Erbium	164-2	7	0	0	2	173.21	cps
Gadolinium	160-1	17	17	0	11	86.60	cps
Gadolinium	160-2	23	17	30	23	28.56	cps
Holmium	165-1	1560746	1543756	1522998	1542500	1.23	cps
Holmium	165-2	772057	777848	770364	773423	0.51	cps
Indium	115-1	1159172	1136554	1120881	1138869	1.69	cps
Indium	115-2	203507	203421	202325	203084	0.32	cps
Iron	56-2	3489	3562	3239	3430	4.93	cps
Iron	57-2	106	78	122	102	22.05	cps
Krypton	83-1	47	53	47	49	7.86	cps
Lead	206-1	344	333	300	326	7.10	cps
Lead	207-1	289	328	300	306	6.56	cps
Lead	208-1	1411	1295	1417	1374	5.02	cps
Lithium	6-1	1124205	1102956	1083339	1103500	1.85	cps
Magnesium	24-2	900	725	658	761	16.40	cps

LB Number :	LB104231	Operator :	Jaswal
Lab Sample ID :	K3763-08	Instrumnet Name :	P7
Client Sample ID :	MBFLN0	Dilution Factor :	1
Date & Time Acquired ::	2019-07-24 15:43:16	DataFile Name :	058SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	133	117	187	146	25.12	cps
Molybdenum	94-1	83	17	67	56	62.45	cps
Molybdenum	95-1	0	17	17	11	86.60	cps
Molybdenum	96-1	25	33	17	25	33.32	cps
Molybdenum	97-1	17	17	8	14	34.67	cps
Molybdenum	98-1	0	33	33	22	86.60	cps
Neodymium	150-1	0	0	0	0	0.00	cps
Neodymium	150-2	0	0	0	0	0.00	cps
Nickel	60-2	37	30	30	32	11.95	cps
Phosphorus	31-2	58	33	67	53	32.88	cps
Potassium	39-2	4809	5134	4976	4973	3.27	cps
Rhodium	103-1	1180506	1154471	1017966	1117648	7.81	cps
Rhodium	103-2	481825	485144	476103	481024	0.95	cps
Scandium	45-1	1331420	1310062	1288537	1310006	1.64	cps
Scandium	45-2	53322	53352	52911	53195	0.46	cps
Selenium	77-2	0	0	0	0	0.00	cps
Selenium	78-2	6	15	15	12	45.54	cps
Selenium	82-1	31	13	37	27	45.62	cps
Silicon	28-1	106510	105344	102743	104865	1.84	cps
Silver	109-1	17	42	42	33	43.30	cps
Silver	107-1	50	67	42	53	24.12	cps
Sodium	23-2	51573	52635	51924	52044	1.04	cps
Strontium	86-1	367	225	250	281	26.95	cps
Strontium	88-1	1317	1500	1317	1378	7.68	cps
Sulfur	34-1	72728	73339	73222	73096	0.44	cps
Terbium	159-1	1632494	1613644	1597057	1614398	1.10	cps
Terbium	159-2	766975	766436	760031	764481	0.51	cps
Thallium	203-1	0	8	0	3	173.21	cps
Thallium	205-1	25	8	33	22	57.29	cps
Thorium	232-1	22	28	22	24	13.33	cps
Tin	118-1	1100	1267	1258	1208	7.77	cps
Titanium	47-1	42	17	42	33	43.30	cps
Uranium	238-1	17	8	8	11	43.34	cps
Vanadium	51-2	40	70	63	58	27.26	cps
Yttrium	89-1	1636054	1611196	1605251	1617500	1.01	cps
Yttrium	89-2	202135	202473	201764	202124	0.18	cps

LB Number :	LB104231	Operator :	Jaswal
Lab Sample ID :	K3763-08	Instrumnet Name :	P7
Client Sample ID :	MBFLN0	Dilution Factor :	1
Date & Time Acquired ::	2019-07-24 15:43:16	DataFile Name :	058SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zinc	66-2	1293	1300	1347	1313	2.21	cps
Zirconium	90-1	142	142	117	133	10.83	cps
Zirconium	91-1	0	25	0	8	173.21	cps

LB Number :	LB104231	Operator :	Jaswal
Lab Sample ID :	K3766-08	Instrumnet Name :	P7
Client Sample ID :	MA52S3	Dilution Factor :	1
Date & Time Acquired ::	2019-07-24 15:46:53	DataFile Name :	059SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	125	100	175	133	28.64	cps
Antimony	121-1	75	58	67	67	12.49	cps
Arsenic	75-2	2	4	0	2	100.00	cps
Barium	135-1	25	25	8	19	49.50	cps
Barium	137-1	42	50	50	47	10.18	cps
Beryllium	9-1	13	37	33	28	45.44	cps
Bismuth	209-1	837410	809145	798313	814956	2.48	cps
Bismuth	209-2	504857	501128	497886	501291	0.70	cps
Boron	10-1	1292	1117	1250	1220	7.50	cps
Boron	11-1	5560	5259	5418	5412	2.77	cps
Cadmium	111-1	83	96	86	88	7.39	cps
Cadmium	106-1	417	458	425	433	5.09	cps
Cadmium	108-1	0	0	4	1	173.21	cps
Calcium	43-1	117	83	125	108	20.35	cps
Calcium	44-1	3901	3817	4226	3981	5.42	cps
Chromium	52-2	157	150	157	154	2.49	cps
Cobalt	59-2	7	20	27	18	57.27	cps
Copper	63-2	223	243	197	221	10.59	cps
Dysprosium	156-1	0	0	0	0	0.00	cps
Dysprosium	156-2	0	0	0	0	0.00	cps
Erbium	164-1	0	8	8	6	86.60	cps
Erbium	164-2	3	0	0	1	173.21	cps
Gadolinium	160-1	8	0	0	3	173.21	cps
Gadolinium	160-2	17	27	10	18	47.19	cps
Holmium	165-1	1530417	1490345	1479101	1499954	1.80	cps
Holmium	165-2	761516	748163	752053	753911	0.91	cps
Indium	115-1	1122109	1093218	1091262	1102196	1.57	cps
Indium	115-2	198403	197835	197356	197864	0.26	cps
Iron	56-2	1445	1456	1656	1519	7.82	cps
Iron	57-2	50	44	33	43	19.93	cps
Krypton	83-1	70	57	43	57	23.53	cps
Lead	206-1	183	183	217	194	9.90	cps
Lead	207-1	178	128	122	143	21.46	cps
Lead	208-1	767	722	756	748	3.09	cps
Lithium	6-1	1095694	1061181	1055569	1070815	2.03	cps
Magnesium	24-2	233	283	225	247	12.76	cps

LB Number :	LB104231	Operator :	Jaswal
Lab Sample ID :	K3766-08	Instrumnet Name :	P7
Client Sample ID :	MA52S3	Dilution Factor :	1
Date & Time Acquired ::	2019-07-24 15:46:53	DataFile Name :	059SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	153	157	140	150	5.88	cps
Molybdenum	94-1	42	67	50	53	24.12	cps
Molybdenum	95-1	8	17	0	8	100.02	cps
Molybdenum	96-1	50	17	42	36	48.03	cps
Molybdenum	97-1	17	8	0	8	100.02	cps
Molybdenum	98-1	8	25	17	17	50.01	cps
Neodymium	150-1	0	0	0	0	0.00	cps
Neodymium	150-2	0	3	0	1	173.21	cps
Nickel	60-2	40	17	27	28	42.13	cps
Phosphorus	31-2	8	8	0	6	86.60	cps
Potassium	39-2	4534	4509	4484	4509	0.55	cps
Rhodium	103-1	1135416	990876	992611	1039634	7.98	cps
Rhodium	103-2	474678	471141	465098	470306	1.03	cps
Scandium	45-1	1301962	1271107	1249747	1274272	2.06	cps
Scandium	45-2	52717	52048	51352	52039	1.31	cps
Selenium	77-2	0	0	3	1	173.21	cps
Selenium	78-2	13	26	6	15	69.59	cps
Selenium	82-1	8	9	37	18	92.86	cps
Silicon	28-1	49048	48103	48747	48633	0.99	cps
Silver	109-1	42	83	50	58	37.80	cps
Silver	107-1	50	33	75	53	39.74	cps
Sodium	23-2	8344	8820	8961	8708	3.71	cps
Strontium	86-1	67	133	125	108	33.53	cps
Strontium	88-1	233	275	217	242	12.43	cps
Sulfur	34-1	74880	74580	75835	75098	0.87	cps
Terbium	159-1	1591837	1553372	1543429	1562879	1.64	cps
Terbium	159-2	754081	745474	739169	746241	1.00	cps
Thallium	203-1	17	0	8	8	100.02	cps
Thallium	205-1	17	8	8	11	43.34	cps
Thorium	232-1	6	6	22	11	86.55	cps
Tin	118-1	233	125	200	186	29.81	cps
Titanium	47-1	25	42	25	31	31.50	cps
Uranium	238-1	0	0	0	0	0.00	cps
Vanadium	51-2	53	43	43	47	12.37	cps
Yttrium	89-1	1602334	1562282	1556539	1573718	1.59	cps
Yttrium	89-2	200238	199676	194179	198031	1.69	cps

LB Number :	LB104231	Operator :	Jaswal
Lab Sample ID :	K3766-08	Instrumnet Name :	P7
Client Sample ID :	MA52S3	Dilution Factor :	1
Date & Time Acquired ::	2019-07-24 15:46:53	DataFile Name :	059SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zinc	66-2	330	280	340	317	10.15	cps
Zirconium	90-1	267	133	125	175	45.42	cps
Zirconium	91-1	8	25	25	19	49.50	cps

LB Number :	LB104231	Operator :	Jaswal
Lab Sample ID :	CCV049	Instrumnet Name :	P7
Client Sample ID :	CCV049	Dilution Factor :	1
Date & Time Acquired ::	2019-07-24 16:13:46	DataFile Name :	060CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	1081405	1087938	1089277	1086207	0.39	cps
Antimony	121-1	491758	500822	500228	497603	1.02	cps
Arsenic	75-2	20982	21210	21468	21220	1.15	cps
Barium	135-1	651026	652781	650825	651544	0.17	cps
Barium	137-1	1240879	1257399	1240614	1246297	0.77	cps
Beryllium	9-1	319805	321378	320769	320651	0.25	cps
Bismuth	209-1	631355	639995	639806	637052	0.77	cps
Bismuth	209-2	412807	416549	415454	414936	0.46	cps
Boron	10-1	54499	55620	57594	55904	2.80	cps
Boron	11-1	227176	236917	237296	233797	2.45	cps
Cadmium	111-1	133993	135940	136204	135379	0.89	cps
Cadmium	106-1	17078	16736	17244	17019	1.52	cps
Cadmium	108-1	11221	11371	10879	11157	2.26	cps
Calcium	43-1	1572532	1575831	1565948	1571437	0.32	cps
Calcium	44-1	26032680	25983718	25768630	25928343	0.54	cps
Chromium	52-2	235304	241166	237765	238078	1.24	cps
Cobalt	59-2	295699	297911	299874	297828	0.70	cps
Copper	63-2	369284	378486	376120	374630	1.28	cps
Dysprosium	156-1	33	17	17	22	43.28	cps
Dysprosium	156-2	17	10	20	16	32.73	cps
Erbium	164-1	0	0	0	0	0.00	cps
Erbium	164-2	0	3	3	2	86.60	cps
Gadolinium	160-1	0	0	17	6	173.21	cps
Gadolinium	160-2	20	33	27	27	24.99	cps
Holmium	165-1	1290322	1290278	1286125	1288908	0.19	cps
Holmium	165-2	683951	700542	698147	694213	1.29	cps
Indium	115-1	802806	803228	796673	800902	0.46	cps
Indium	115-2	167990	171348	171480	170273	1.16	cps
Iron	56-2	44710082	45060509	44721168	44830586	0.44	cps
Iron	57-2	1091051	1118232	1110502	1106595	1.27	cps
Krypton	83-1	33	27	50	37	32.78	cps
Lead	206-1	344783	349482	353502	349256	1.25	cps
Lead	207-1	309863	315850	317442	314385	1.27	cps
Lead	208-1	1433688	1463435	1464219	1453781	1.20	cps
Lithium	6-1	915257	916938	905405	912533	0.68	cps
Magnesium	24-2	11898458	11945124	11893281	11912288	0.24	cps

LB Number :	LB104231	Operator :	Jaswal
Lab Sample ID :	CCV049	Instrumnet Name :	P7
Client Sample ID :	CCV049	Dilution Factor :	1
Date & Time Acquired ::	2019-07-24 16:13:46	DataFile Name :	060CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	274667	276668	276029	275788	0.37	cps
Molybdenum	94-1	1494501	1503350	1506051	1501301	0.40	cps
Molybdenum	95-1	1860202	1871457	1869868	1867176	0.33	cps
Molybdenum	96-1	2067617	2084104	2070588	2074103	0.42	cps
Molybdenum	97-1	996408	1014682	1006055	1005715	0.91	cps
Molybdenum	98-1	2946409	2956529	2932557	2945165	0.41	cps
Neodymium	150-1	53	67	13	44	62.46	cps
Neodymium	150-2	7	0	13	7	99.98	cps
Nickel	60-2	69259	69165	70113	69513	0.75	cps
Phosphorus	31-2	10729	10988	10679	10799	1.53	cps
Potassium	39-2	5311345	5320033	5297636	5309671	0.21	cps
Rhodium	103-1	758968	751070	754079	754706	0.53	cps
Rhodium	103-2	376771	382842	383734	381116	0.99	cps
Scandium	45-1	1066622	1057212	1062952	1062262	0.45	cps
Scandium	45-2	46239	47730	46971	46980	1.59	cps
Selenium	77-2	600	640	643	628	3.84	cps
Selenium	78-2	2054	2146	2119	2106	2.26	cps
Selenium	82-1	12902	12900	12923	12908	0.10	cps
Silicon	28-1	771291	777506	777004	775267	0.45	cps
Silver	109-1	601898	599282	595772	598984	0.51	cps
Silver	107-1	627005	629458	628586	628350	0.20	cps
Sodium	23-2	24935137	25163877	24787453	24962156	0.76	cps
Strontium	86-1	215128	217837	216424	216463	0.63	cps
Strontium	88-1	2005490	2029276	2011647	2015471	0.61	cps
Sulfur	34-1	213873	211311	208166	211117	1.35	cps
Terbium	159-1	1334351	1331584	1331141	1332359	0.13	cps
Terbium	159-2	673773	686930	688521	683074	1.19	cps
Thallium	203-1	417935	426208	428562	424235	1.32	cps
Thallium	205-1	1111182	1126462	1143916	1127187	1.45	cps
Thorium	232-1	2116311	2169311	2151269	2145630	1.26	cps
Tin	118-1	394681	399817	398692	397730	0.68	cps
Titanium	47-1	673164	673478	672404	673015	0.08	cps
Uranium	238-1	2094617	2159655	2135132	2129801	1.54	cps
Vanadium	51-2	207571	211071	209644	209428	0.84	cps
Yttrium	89-1	1314248	1190425	1310955	1271876	5.55	cps
Yttrium	89-2	174661	177963	179583	177402	1.41	cps

LB Number :	LB104231	Operator :	Jaswal
Lab Sample ID :	CCV049	Instrumnet Name :	P7
Client Sample ID :	CCV049	Dilution Factor :	1
Date & Time Acquired ::	2019-07-24 16:13:46	DataFile Name :	060CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zinc	66-2	59648	59594	60495	59912	0.84	cps
Zirconium	90-1	1120330	1171377	1149728	1147145	2.23	cps
Zirconium	91-1	255723	258708	256044	256825	0.64	cps

LB Number : LB104231 Operator : Jaswal
 Lab Sample ID : CCB049 Instrumnet Name : P7
 Client Sample ID : CCB049 Dilution Factor : 1
 Date & Time Acquired :: 2019-07-24 16:26:50 DataFile Name : 061CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	17	17	33	22	43.28	cps
Antimony	121-1	100	133	75	103	28.48	cps
Arsenic	75-2	0	2	2	1	86.60	cps
Barium	135-1	8	25	25	19	49.50	cps
Barium	137-1	17	67	8	31	103.26	cps
Beryllium	9-1	30	57	37	41	33.76	cps
Bismuth	209-1	727513	716134	722307	721985	0.79	cps
Bismuth	209-2	477513	481595	482893	480667	0.58	cps
Boron	10-1	733	675	733	714	4.72	cps
Boron	11-1	2825	2767	2900	2831	2.36	cps
Cadmium	111-1	77	58	119	85	36.71	cps
Cadmium	106-1	358	300	575	411	35.25	cps
Cadmium	108-1	4	8	0	4	99.96	cps
Calcium	43-1	83	67	25	58	51.51	cps
Calcium	44-1	2892	2709	2800	2800	3.27	cps
Chromium	52-2	123	203	157	161	24.94	cps
Cobalt	59-2	0	3	13	6	124.93	cps
Copper	63-2	67	57	60	61	8.33	cps
Dysprosium	156-1	0	0	8	3	173.21	cps
Dysprosium	156-2	0	0	3	1	173.21	cps
Erbium	164-1	0	0	0	0	0.00	cps
Erbium	164-2	7	0	0	2	173.21	cps
Gadolinium	160-1	8	8	0	6	86.60	cps
Gadolinium	160-2	30	7	17	18	65.83	cps
Holmium	165-1	1342903	1344707	1360399	1349336	0.71	cps
Holmium	165-2	729025	730960	742299	734095	0.98	cps
Indium	115-1	917759	905555	911478	911598	0.67	cps
Indium	115-2	195060	197394	197976	196810	0.78	cps
Iron	56-2	1667	1689	1517	1624	5.77	cps
Iron	57-2	100	78	94	91	12.74	cps
Krypton	83-1	50	47	60	52	13.28	cps
Lead	206-1	56	44	39	46	18.33	cps
Lead	207-1	72	50	22	48	52.03	cps
Lead	208-1	222	183	156	187	17.90	cps
Lithium	6-1	1002954	997940	996592	999162	0.34	cps
Magnesium	24-2	175	175	167	172	2.80	cps

LB Number :	LB104231	Operator :	Jaswal
Lab Sample ID :	CCB049	Instrumnet Name :	P7
Client Sample ID :	CCB049	Dilution Factor :	1
Date & Time Acquired ::	2019-07-24 16:26:50	DataFile Name :	061CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	13	17	33	21	50.75	cps
Molybdenum	94-1	92	58	75	75	22.22	cps
Molybdenum	95-1	58	75	58	64	15.05	cps
Molybdenum	96-1	108	117	92	106	12.06	cps
Molybdenum	97-1	25	58	58	47	40.76	cps
Molybdenum	98-1	125	108	108	114	8.45	cps
Neodymium	150-1	0	0	0	0	0.00	cps
Neodymium	150-2	0	0	0	0	0.00	cps
Nickel	60-2	20	10	7	12	56.76	cps
Phosphorus	31-2	25	50	50	42	34.64	cps
Potassium	39-2	4009	3751	3742	3834	3.96	cps
Rhodium	103-1	939541	926545	928117	931401	0.76	cps
Rhodium	103-2	460422	466358	470637	465806	1.10	cps
Scandium	45-1	1223034	1214086	1221675	1219598	0.40	cps
Scandium	45-2	52904	53500	53034	53146	0.59	cps
Selenium	77-2	0	0	0	0	0.00	cps
Selenium	78-2	22	13	20	19	26.46	cps
Selenium	82-1	28	31	4	21	69.76	cps
Silicon	28-1	51448	51055	51197	51233	0.39	cps
Silver	109-1	17	50	0	22	114.56	cps
Silver	107-1	33	8	8	17	86.62	cps
Sodium	23-2	3559	3576	3876	3670	4.86	cps
Strontium	86-1	83	42	83	69	34.64	cps
Strontium	88-1	92	33	50	58	51.51	cps
Sulfur	34-1	97779	98801	98373	98318	0.52	cps
Terbium	159-1	1393343	1405944	1401077	1400122	0.45	cps
Terbium	159-2	721433	727082	734955	727823	0.93	cps
Thallium	203-1	67	67	17	50	57.73	cps
Thallium	205-1	125	75	100	100	25.00	cps
Thorium	232-1	122	139	106	122	13.63	cps
Tin	118-1	50	67	58	58	14.29	cps
Titanium	47-1	33	17	42	31	41.66	cps
Uranium	238-1	17	17	25	19	24.73	cps
Vanadium	51-2	3	3	7	4	43.40	cps
Yttrium	89-1	1446438	1458598	1464571	1456536	0.63	cps
Yttrium	89-2	196545	199627	199667	198613	0.90	cps

LB Number :	LB104231	Operator :	Jaswal
Lab Sample ID :	CCB049	Instrumnet Name :	P7
Client Sample ID :	CCB049	Dilution Factor :	1
Date & Time Acquired ::	2019-07-24 16:26:50	DataFile Name :	061CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zinc	66-2	30	23	13	22	37.76	cps
Zirconium	90-1	133	142	92	122	21.92	cps
Zirconium	91-1	8	25	17	17	50.01	cps