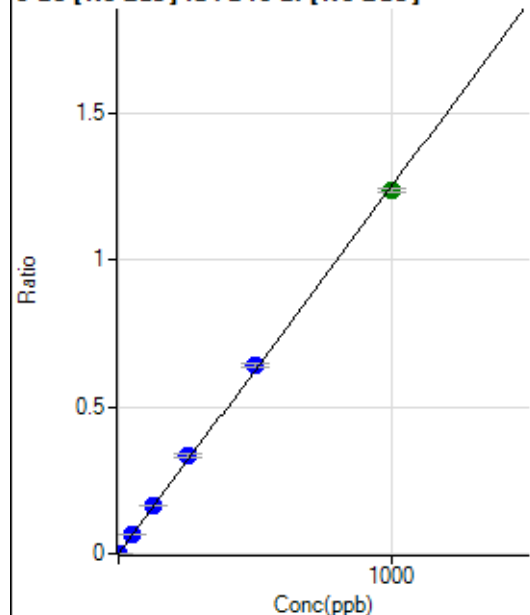


Batch Folder: D:\ICP-MS Data\P7022019 MS.b\
Analysis File: P7022019 MS.batch.bin
DA Date-Time: 2019-02-20 16:13:15
Calibration Title:
Calibration Method: External Calibration
VIS Interpolation Fit:

Level	Standard Data File	Sample Name	Acq. Date-Time
1	004CALB.d	S00	2019-02-20 14:08:59
2			
3	006CALS.d	S02	2019-02-20 14:17:23
4	007CALS.d	S03	2019-02-20 14:21:18
5	008CALS.d	S04	2019-02-20 14:25:13
6	009CALS.d	S05	2019-02-20 14:29:01
7	010CALS.d	S06	2019-02-20 14:32:46
8	011CALS.d	S07	2019-02-20 14:36:33
9	012CALS.d	S08	2019-02-20 14:40:23

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



	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	105.56	0.0000	P	15.6
2	☐	0.100					
3	☐	1.000	0.960	5620.01	0.0012	P	2.8
4	☐	50.000	53.222	301976.52	0.0665	P	0.7
5	☐	125.000	132.491	741421.71	0.1655	P	0.6
6	☐	250.000	268.091	1428593.45	0.3348	P	2.9
7	☐	500.000	512.842	2796285.38	0.6404	P	1.4
8	☐	1000.000	987.959	5351530.75	1.2336	A	1.1
9	☐			611.13	0.0002	P	1.9

$$y = 0.0012 * x + 2.2707E-005$$

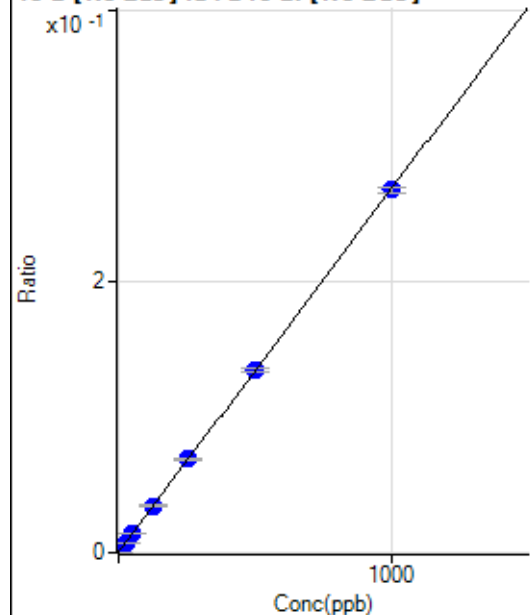
$$R = 0.9997$$

$$DL = 0.008485$$

Weight: <None>

Min Conc: 0

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



	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	1527.92	0.0003	P	5.4
2	☐	2.500					
3	☐	25.000	22.781	29585.46	0.0064	P	1.3
4	☐	50.000	50.572	62990.29	0.0139	P	1.5
5	☐	125.000	127.321	154199.79	0.0344	P	2.0
6	☐	250.000	257.548	295659.93	0.0693	P	2.1
7	☐	500.000	501.973	588196.41	0.1347	P	2.1
8	☐	1000.000	996.863	1159095.55	0.2672	P	1.7
9	☐			31197.19	0.0080	P	10.6

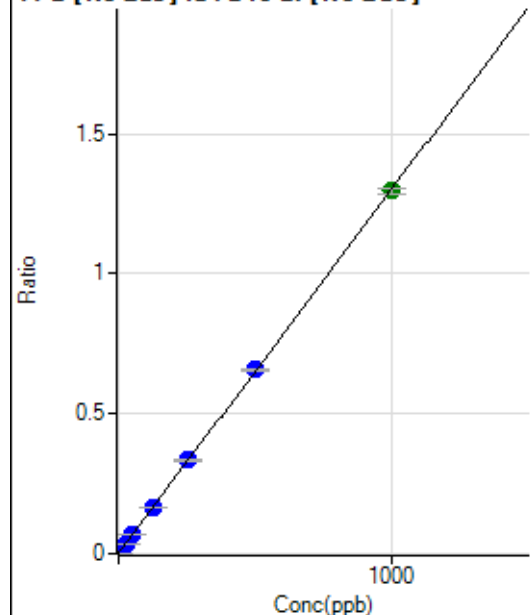
$$y = 2.6770E-004 * x + 3.2847E-004$$

$$R = 1.0000$$

$$DL = 0.2005$$

Weight: <None>

Min Conc: 0

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

	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	6918.52	0.0015	P	5.5
2	☐	2.500					
3	☐	25.000	23.126	145179.94	0.0315	P	1.7
4	☐	50.000	50.578	305322.46	0.0672	P	1.6
5	☐	125.000	126.416	742795.62	0.1658	P	2.0
6	☐	250.000	256.726	1430413.01	0.3351	P	1.3
7	☐	500.000	504.076	2866832.86	0.6565	P	1.7
8	☐	1000.000	996.121	5621956.25	1.2960	A	1.9
9	☐			152390.49	0.0391	P	8.8

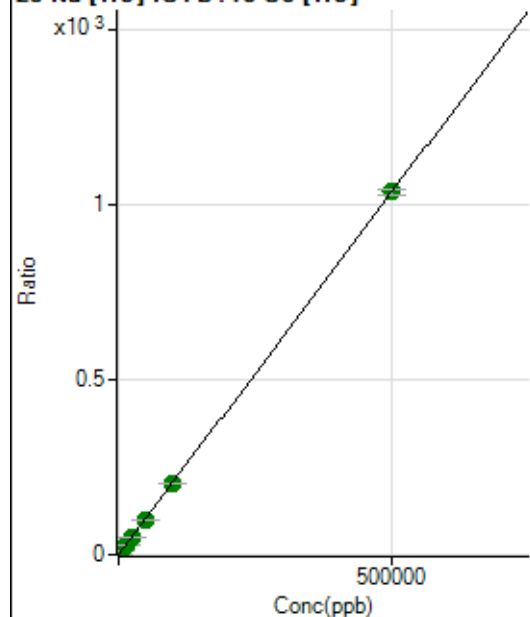
$$y = 0.0013 * x + 0.0015$$

$$R = 1.0000$$

$$DL = 0.1884$$

Weight: <None>

Min Conc: 0

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

	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	41530.58	0.0501	P	0.6
2	☐	50.000					
3	☐	500.000	454.918	813420.82	0.9931	P	0.7
4	☐	5000.000	4906.979	8169585.60	10.2216	A	0.4
5	☐	12500.000	12306.125	19992508.78	25.5590	A	0.8
6	☐	25000.000	24518.282	39657034.91	50.8730	A	0.3
7	☐	50000.000	48519.770	77946088.55	100.6247	A	0.9
8	☐	100000.00	97268.838	153837483.99	201.6746	A	0.4
9	☐	500000.00	500724.16	880316208.56	1.037.980	A	1.4

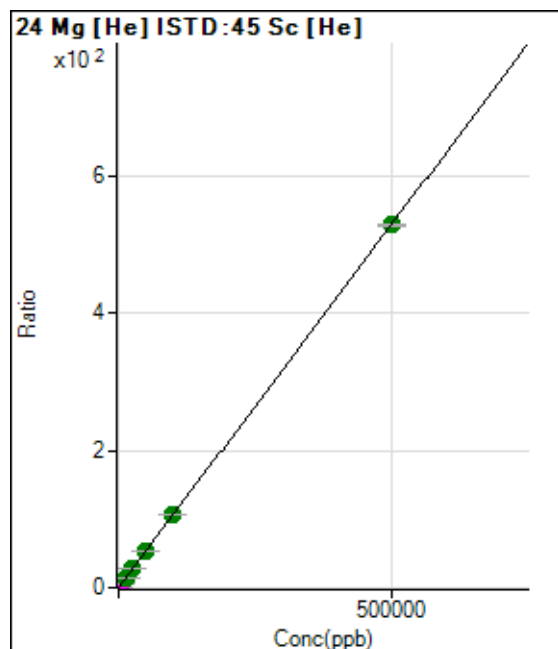
$$y = 0.0021 * x + 0.0501$$

$$R = 1.0000$$

$$DL = 0.4453$$

Weight: <None>

Min Conc: 0



	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	369.46	0.0004	P	19.6
2	☐	50.000					
3	☐	500.000	490.055	425093.81	0.5190	P	1.2
4	☐	5000.000	5187.772	4387493.20	5.4899	M	1.6
5	☐	12500.000	12935.929	10707598.85	13.6885	A	0.7
6	☐	25000.000	25615.565	21129262.45	27.1054	A	0.1
7	☐	50000.000	50688.548	41549008.57	53.6363	A	0.4
8	☐	100000.00	101231.35	81702919.19	107.1180	A	1.0
9	☐	500000.00	499641.33	448325060.02	528.6938	A	0.6

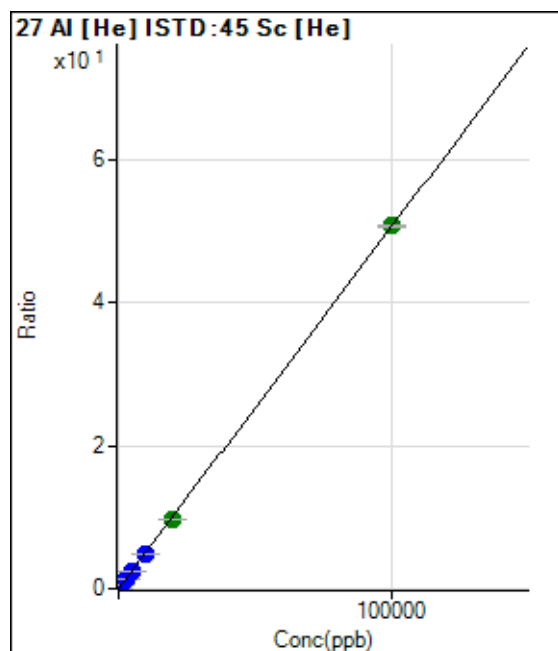
$$y = 0.0011 * x + 4.4619E-004$$

$$R = 1.0000$$

$$DL = 0.2477$$

Weight: <None>

Min Conc: 0



	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	130.56	0.0002	P	16.8
2	☐	2.000					
3	☐	20.000	17.425	7352.12	0.0090	P	1.8
4	☐	1000.000	963.713	389923.23	0.4879	P	0.8
5	☐	2500.000	2425.100	960084.13	1.2274	P	1.4
6	☐	5000.000	4781.773	1886521.29	2.4201	P	1.2
7	☐	10000.000	9476.452	3714888.36	4.7959	P	1.1
8	☐	20000.000	19118.179	7380154.16	9.6753	A	0.7
9	☐	100000.00	100241.86	43020356.17	50.7296	A	0.2

$$y = 5.0607E-004 * x + 1.5768E-004$$

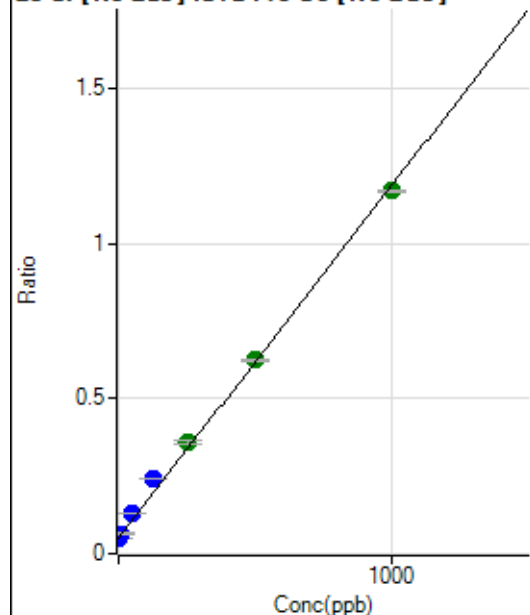
$$R = 1.0000$$

$$DL = 0.1567$$

Weight: <None>

Min Conc: 0

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



	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	635703.61	0.0504	P	0.6
2	☐	1.000					
3	☐	10.000	12.727	792984.11	0.0648	P	0.8
4	☐	50.000	69.160	1544768.84	0.1289	P	1.8
5	☐	125.000	167.562	2829231.88	0.2405	P	0.5
6	☐	250.000	271.725	4009245.05	0.3587	A	4.2
7	☐	500.000	505.509	7290691.92	0.6240	A	1.4
8	☐	1000.000	985.509	13452879.21	1.1686	A	0.6
9	☐			1357110.36	0.1186	P	1.2

$$y = 0.0011 * x + 0.0504$$

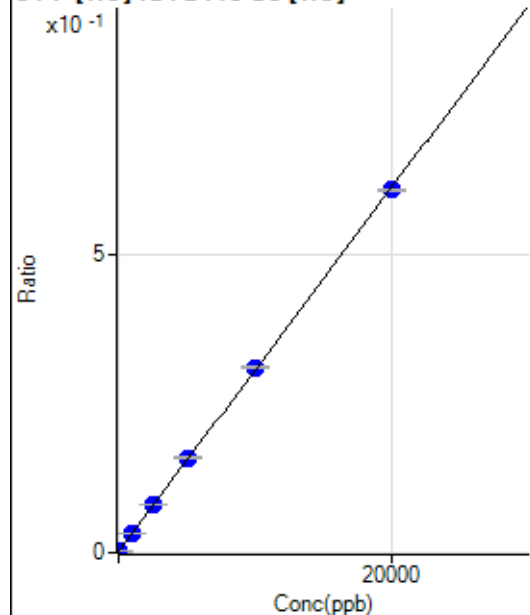
$$R = 0.9990$$

$$DL = 0.7858$$

Weight: <None>

Min Conc: 0

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



	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	-26.200	605.59	0.0007	P	2.4
2	☐	0.000					
3	☐	0.000	26.200	1905.74	0.0023	P	8.6
4	☐	1000.000	1012.233	25859.29	0.0324	P	0.3
5	☐	2500.000	2587.387	62830.51	0.0803	P	1.0
6	☐	5000.000	5174.943	124041.46	0.1591	P	1.2
7	☐	10000.000	10127.510	240085.48	0.3099	P	0.8
8	☐	20000.000	19880.974	462999.69	0.6070	P	0.6
9	☐			938.96	0.0011	P	6.3

$$y = 3.0453E-005 * x + 0.0015$$

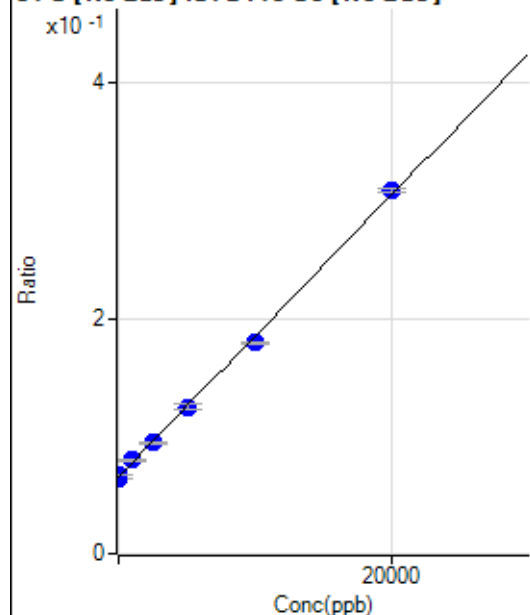
$$R = 0.9999$$

$$DL = 10.71$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	-154.622	801995.19	0.0636	P	0.3
2	☐	0.000					
3	☐	0.000	154.622	822972.45	0.0673	P	0.9
4	☐	1000.000	1159.689	951162.92	0.0793	P	0.8
5	☐	2500.000	2439.352	1113770.49	0.0947	P	1.4
6	☐	5000.000	4958.053	1395890.26	0.1249	P	4.6
7	☐	10000.000	9488.970	2094452.63	0.1792	P	1.0
8	☐	20000.000	20265.599	3551489.79	0.3085	P	1.1
9	☐			756285.22	0.0661	P	1.3

$$y = 1.1994\text{E-}005 * x + 0.0654$$

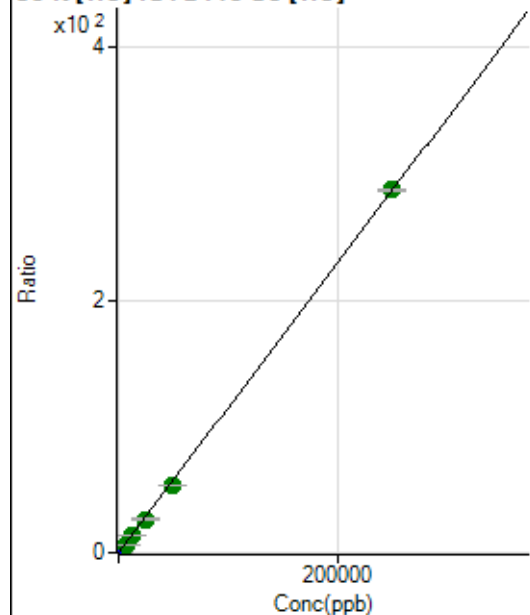
$$R = 0.9994$$

$$DL = 101.7$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	60552.10	0.0731	P	0.4
2	☐	50.000					
3	☐	500.000	432.518	465304.06	0.5681	P	0.2
4	☐	2500.000	2354.622	2212235.01	2.7679	P	0.5
5	☐	6250.000	5810.590	5259027.59	6.7232	A	0.8
6	☐	12500.000	11521.505	10335890.16	13.2592	A	0.6
7	☐	25000.000	23175.939	20602887.96	26.5975	A	0.8
8	☐	50000.000	46226.192	40412024.51	52.9781	A	0.9
9	☐	250000.00	250998.66	243659219.33	287.3363	A	0.5

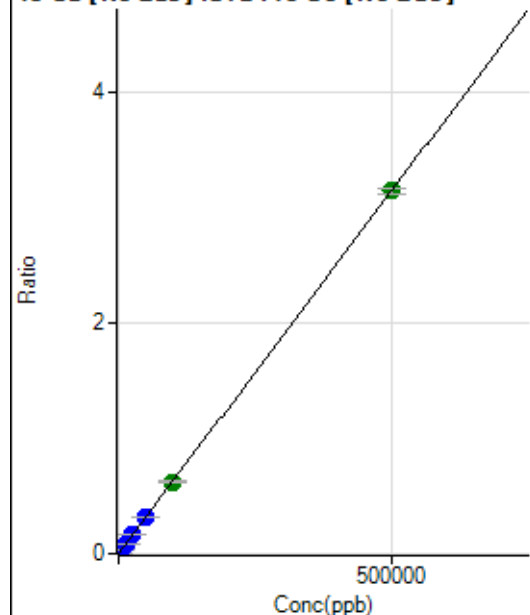
$$y = 0.0011 * x + 0.0731$$

$$R = 0.9999$$

$$DL = 0.8315$$

Weight: <None>

Min Conc: 0

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

	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	980.64	0.0001	P	12.0
2	☐	50.000					
3	☐	500.000	459.932	36253.72	0.0030	P	0.5
4	☐	5000.000	5090.154	383889.54	0.0320	P	0.6
5	☐	12500.000	12767.413	943407.06	0.0802	P	0.2
6	☐	25000.000	26114.668	1832779.68	0.1640	P	3.9
7	☐	50000.000	49825.480	3654635.41	0.3128	P	1.0
8	☐	100000.00	99230.965	7170053.72	0.6228	A	0.7
9	☐	500000.00	500107.97	35900773.72	3.1387	A	1.6

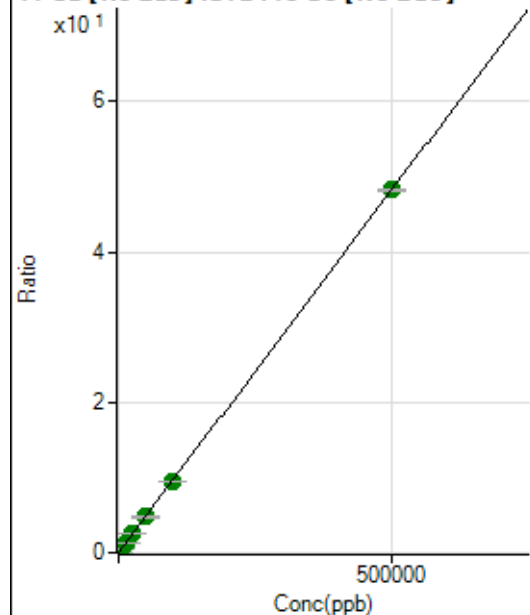
$$y = 6.2758\text{E-}006 * x + 7.7718\text{E-}005$$

$$R = 1.0000$$

$$DL = 4.474$$

Weight: <None>

Min Conc: 0

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

	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	167776.96	0.0133	P	0.3
2	☐	50.000					
3	☐	500.000	477.489	725451.96	0.0593	P	0.8
4	☐	5000.000	5006.911	5943903.69	0.4958	A	0.4
5	☐	12500.000	12550.579	14383176.02	1.2228	A	0.0
6	☐	25000.000	25710.822	27836365.90	2.4910	A	4.9
7	☐	50000.000	48967.230	55295308.87	4.7322	A	0.8
8	☐	100000.00	98792.786	109751763.56	9.5338	A	0.5
9	☐	500000.00	500307.86	551706440.11	48.2273	A	0.5

$$y = 9.6369\text{E-}005 * x + 0.0133$$

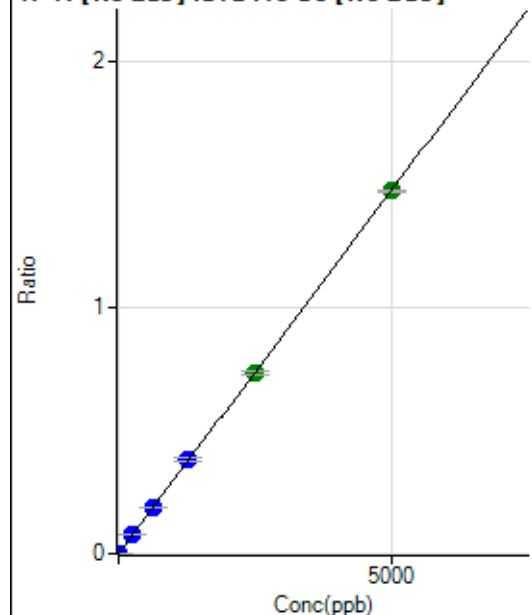
$$R = 1.0000$$

$$DL = 1.306$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	1458.47	0.0001	P	1.8
2	☐	0.500					
3	☐	5.000	4.678	18314.72	0.0015	P	1.5
4	☐	250.000	252.190	894282.12	0.0746	P	0.5
5	☐	625.000	633.649	2202536.75	0.1873	P	1.3
6	☐	1250.000	1304.708	4308782.43	0.3854	P	3.6
7	☐	2500.000	2484.885	8576490.90	0.7340	A	1.3
8	☐	5000.000	4992.690	16976134.23	1.4747	A	0.3
9	☐			6576.73	0.0006	P	0.6

$$y = 2.9534\text{E-}004 * x + 1.1563\text{E-}004$$

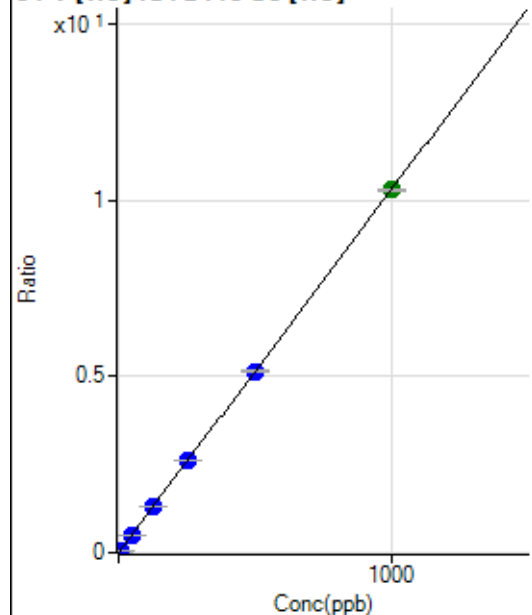
$$R = 0.9999$$

$$DL = 0.02148$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	13.33	0.0000	P	42.6
2	☐	0.500					
3	☐	5.000	4.797	40516.78	0.0495	P	1.7
4	☐	50.000	49.945	411508.21	0.5149	P	0.3
5	☐	125.000	126.206	1017634.64	1.3010	P	0.8
6	☐	250.000	252.462	2028661.34	2.6024	P	0.1
7	☐	500.000	500.292	3994939.80	5.1571	P	0.1
8	☐	1000.000	999.091	7855476.06	10.2988	A	0.4
9	☐			2196.86	0.0026	P	2.1

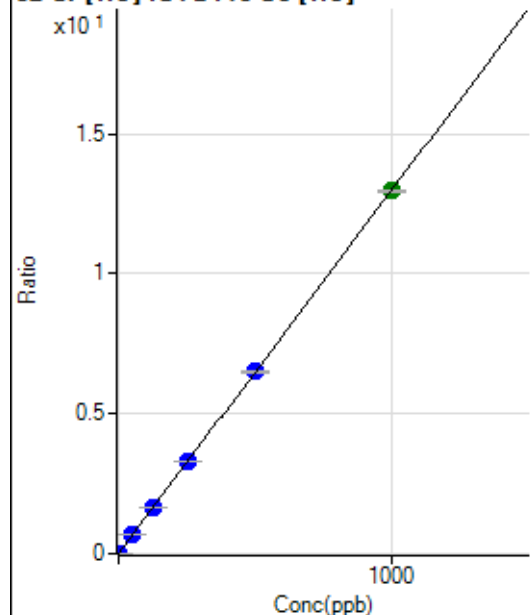
$$y = 0.0103 * x + 1.6060\text{E-}005$$

$$R = 1.0000$$

$$DL = 0.00199$$

Weight: <None>

Min Conc: 0

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

	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	4707.51	0.0057	P	4.1
2	☐	0.200					
3	☐	2.000	1.872	24537.32	0.0300	P	1.8
4	☐	50.000	50.672	529774.47	0.6629	P	0.9
5	☐	125.000	127.196	1294770.15	1.6553	P	1.4
6	☐	250.000	253.120	2563485.52	3.2885	P	0.4
7	☐	500.000	500.378	5031395.58	6.4952	P	0.4
8	☐	1000.000	998.723	9884493.46	12.9584	A	0.2
9	☐			196630.06	0.2319	P	0.1

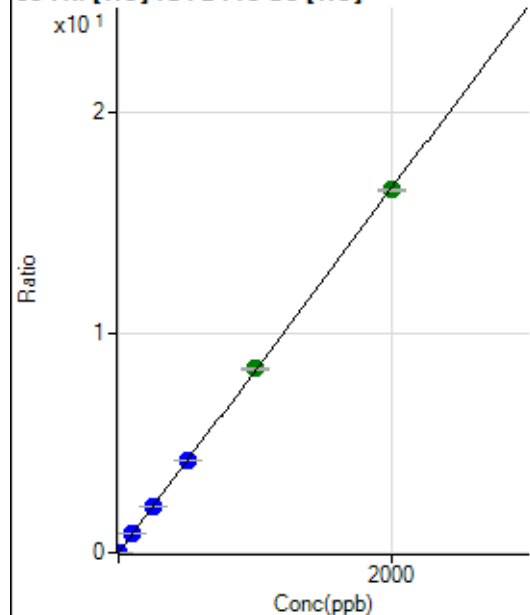
$$y = 0.0130 * x + 0.0057$$

$$R = 1.0000$$

$$DL = 0.05453$$

Weight: <None>

Min Conc: 0

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

	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	77.78	0.0001	P	9.1
2	☐	0.100					
3	☐	1.000	0.987	6775.00	0.0083	P	0.3
4	☐	100.000	101.790	674185.34	0.8435	P	0.5
5	☐	250.000	256.283	1661091.35	2.1237	P	1.6
6	☐	500.000	510.332	3296293.08	4.2287	P	0.6
7	☐	1000.000	1009.449	6478921.01	8.3644	A	1.4
8	☐	2000.000	1991.818	12588793.84	16.5044	A	0.5
9	☐			68416.22	0.0807	P	0.6

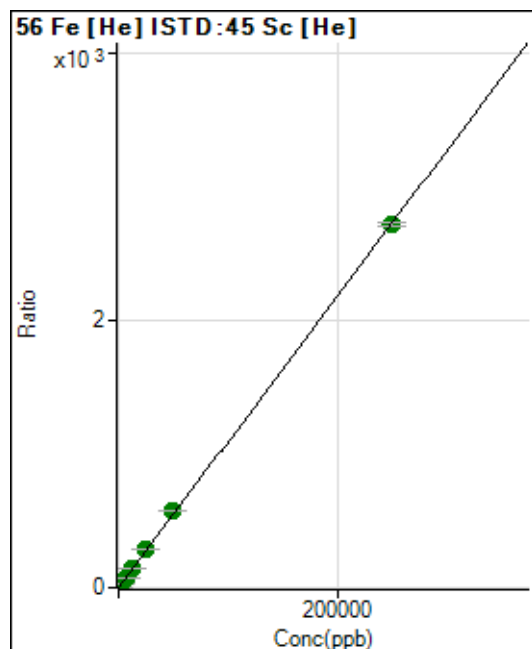
$$y = 0.0083 * x + 9.3870E-005$$

$$R = 1.0000$$

$$DL = 0.003106$$

Weight: <None>

Min Conc: 0



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	17116.00	0.0207	P	1.9
2	☐	5.000					
3	☐	50.000	55.125	509093.67	0.6215	P	0.3
4	☐	2500.000	2692.085	23470608.63	29.3658	A	0.4
5	☐	6250.000	6786.525	57878334.17	73.9974	A	2.0
6	☐	12500.000	13383.771	113739149.76	145.9109	A	0.7
7	☐	25000.000	26540.536	224118323.53	289.3267	A	0.7
8	☐	50000.000	52368.521	435441224.55	570.8656	A	0.1
9	☐	250000.00	249312.71	2304412910.7	2,717.662	A	1.1

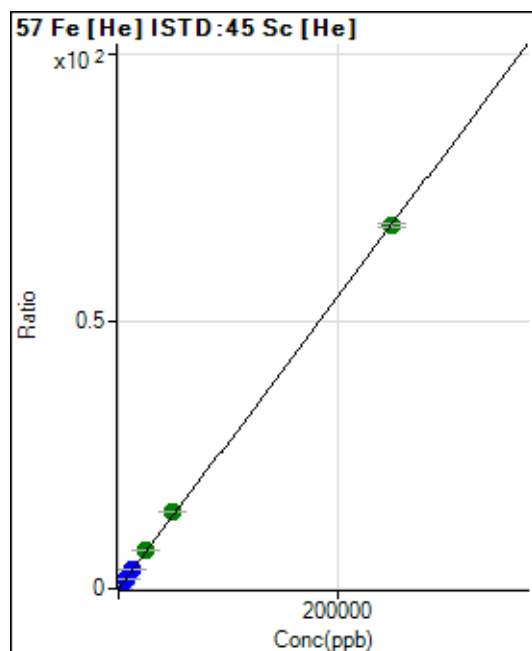
$$y = 0.0109 * x + 0.0207$$

$$R = 0.9999$$

$$DL = 0.1095$$

Weight: <None>

Min Conc: 0



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	405.57	0.0005	P	13.7
2	☐	5.000					
3	☐	50.000	55.945	12880.04	0.0157	P	3.1
4	☐	2500.000	2694.139	586847.76	0.7342	P	0.7
5	☐	6250.000	6745.857	1437454.00	1.8377	P	0.9
6	☐	12500.000	13441.003	2853827.75	3.6610	P	0.3
7	☐	25000.000	26529.593	5596866.33	7.2256	A	1.3
8	☐	50000.000	52389.759	10883857.54	14.2684	A	0.7
9	☐	250000.00	249307.70	57578875.83	67.8974	A	1.0

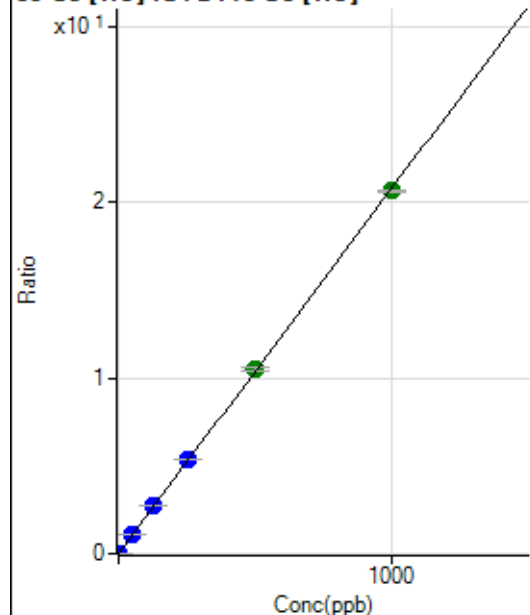
$$y = 2.7234E-004 * x + 4.8931E-004$$

$$R = 0.9999$$

$$DL = 0.7393$$

Weight: <None>

Min Conc: 0

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

	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	123.34	0.0001	P	21.2
2	☐	0.100					
3	☐	1.000	0.960	16451.65	0.0201	P	0.9
4	☐	50.000	52.189	866690.17	1.0844	P	0.8
5	☐	125.000	131.397	2135432.70	2.7300	P	0.7
6	☐	250.000	259.160	4196918.27	5.3843	P	1.1
7	☐	500.000	505.537	8135355.85	10.5029	A	1.4
8	☐	1000.000	994.033	15752624.35	20.6516	A	0.3
9	☐			194095.32	0.2289	P	1.0

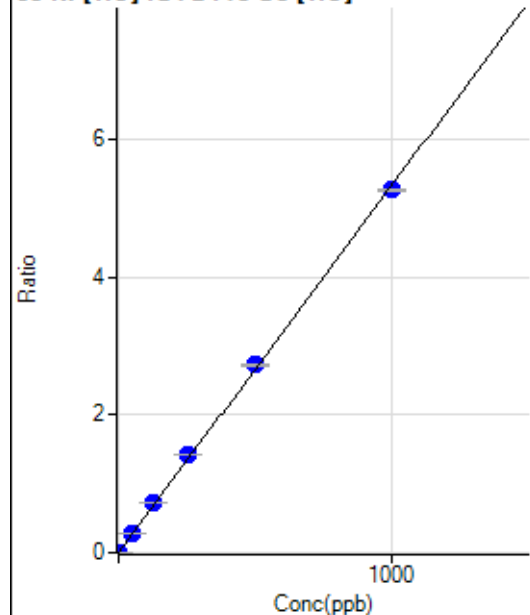
$$y = 0.0208 * x + 1.4885E-004$$

$$R = 0.9999$$

$$DL = 0.004549$$

Weight: <None>

Min Conc: 0

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

	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	208.89	0.0003	P	2.8
2	☐	0.100					
3	☐	1.000	1.072	4883.12	0.0060	P	1.9
4	☐	50.000	53.939	229698.38	0.2874	P	1.0
5	☐	125.000	135.717	565349.68	0.7228	P	1.1
6	☐	250.000	265.582	1102308.28	1.4141	P	0.6
7	☐	500.000	511.481	2109406.44	2.7232	P	1.0
8	☐	1000.000	988.827	4015724.35	5.2645	P	0.4
9	☐			82698.41	0.0975	P	0.2

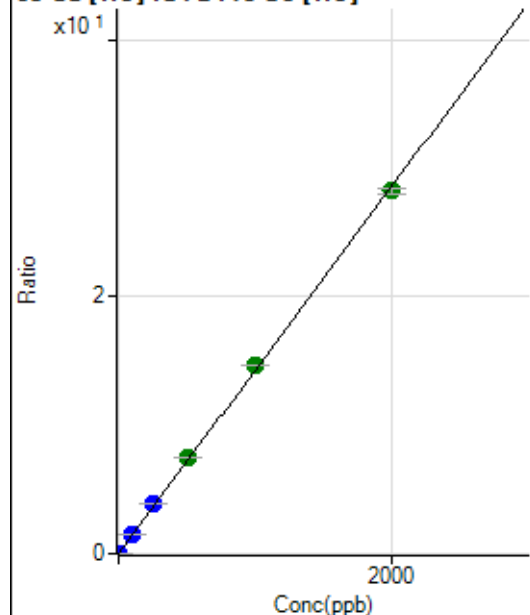
$$y = 0.0053 * x + 2.5205E-004$$

$$R = 0.9997$$

$$DL = 0.004006$$

Weight: <None>

Min Conc: 0

⁶³Cu [He] ISTD:45 Sc [He]

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	2638.06	0.0032	P	3.5
2	☐	0.200					
3	☐	2.000	2.038	26455.26	0.0323	P	0.1
4	☐	100.000	108.478	1240849.57	1.5525	P	0.4
5	☐	250.000	270.692	3026675.33	3.8693	P	0.7
6	☐	500.000	526.765	5867107.76	7.5267	A	0.8
7	☐	1000.000	1026.031	11353860.94	14.6575	A	0.8
8	☐	2000.000	1977.283	21541261.63	28.2438	A	1.8
9	☐			36418.80	0.0429	P	0.7

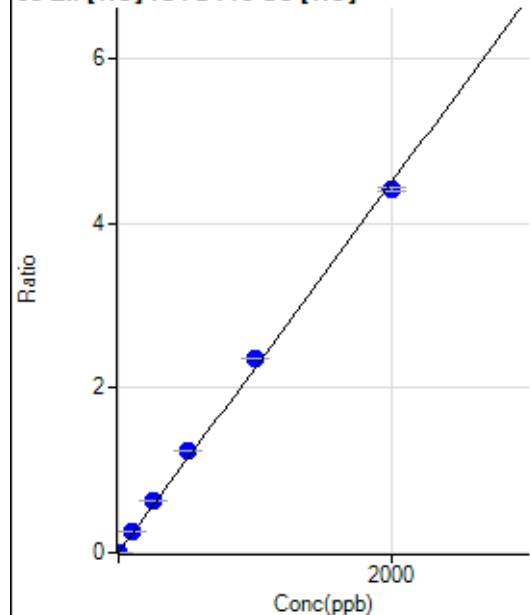
$$y = 0.0143 * x + 0.0032$$

$$R = 0.9997$$

$$DL = 0.02312$$

Weight: <None>

Min Conc: 0

⁶⁶Zn [He] ISTD:45 Sc [He]

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	526.68	0.0006	P	6.9
2	☐	0.200					
3	☐	2.000	2.856	5774.57	0.0070	P	1.3
4	☐	100.000	115.838	208443.68	0.2608	P	1.2
5	☐	250.000	281.670	495345.03	0.6333	P	1.2
6	☐	500.000	546.038	956511.31	1.2270	P	0.2
7	☐	1000.000	1047.260	1822580.86	2.3528	P	0.4
8	☐	2000.000	1960.109	3358519.36	4.4031	P	0.9
9	☐			30427.51	0.0359	P	0.9

$$y = 0.0022 * x + 6.3561E-004$$

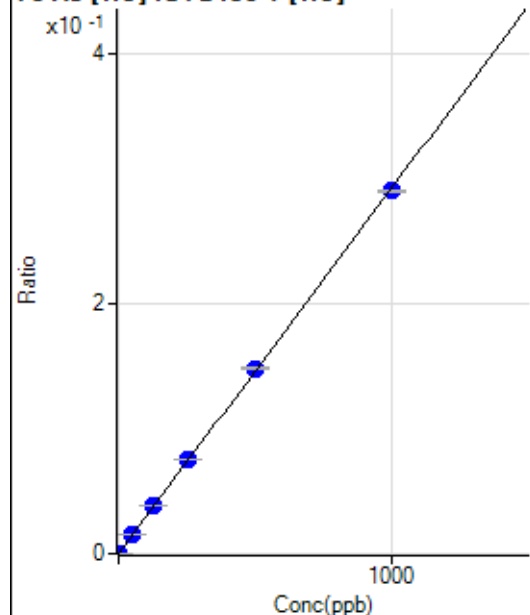
$$R = 0.9992$$

$$DL = 0.0584$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	19.75	0.0000	P	29.9
2	☐	0.100					
3	☐	1.000	0.971	1146.36	0.0003	P	1.8
4	☐	50.000	52.794	59496.93	0.0154	P	0.5
5	☐	125.000	130.541	146635.52	0.0382	P	0.5
6	☐	250.000	258.630	290623.69	0.0757	P	0.4
7	☐	500.000	507.716	561111.99	0.1485	P	0.9
8	☐	1000.000	993.153	1070329.71	0.2905	P	0.2
9	☐			1574.79	0.0004	P	2.2

$$y = 2.9251\text{E-}004 * x + 4.9284\text{E-}006$$

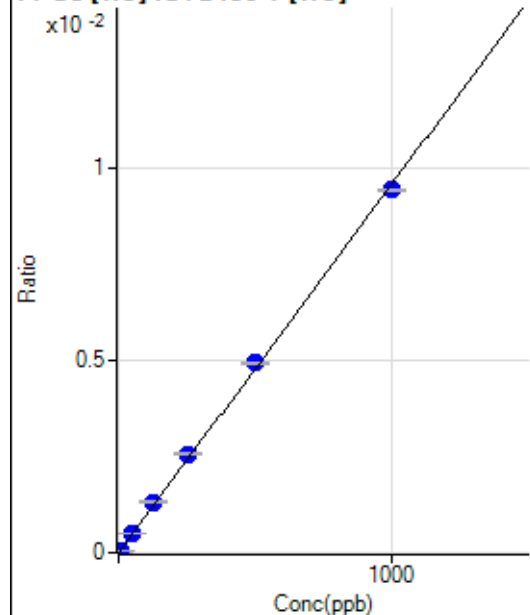
$$R = 0.9999$$

$$DL = 0.01511$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	1.11	0.0000	P	173.
2	☐	0.500					
3	☐	5.000	5.189	197.78	0.0000	P	7.5
4	☐	50.000	53.494	1969.06	0.0005	P	2.8
5	☐	125.000	136.958	5024.28	0.0013	P	2.7
6	☐	250.000	268.398	9849.06	0.0026	P	1.3
7	☐	500.000	516.268	18632.24	0.0049	P	1.3
8	☐	1000.000	985.596	34686.13	0.0094	P	0.3
9	☐			15.55	0.0000	P	24.2

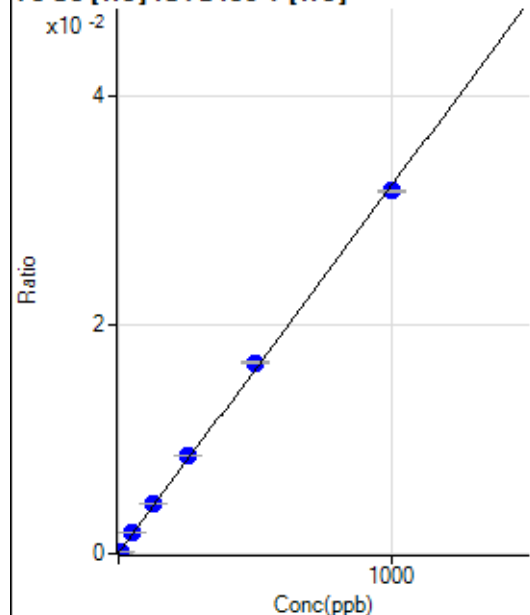
$$y = 9.5519\text{E-}006 * x + 2.7830\text{E-}007$$

$$R = 0.9996$$

$$DL = 0.1514$$

Weight: <None>

Min Conc: 0

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

	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	235.19	0.0001	P	5.5
2	☐	0.500					
3	☐	5.000	5.430	923.49	0.0002	P	2.5
4	☐	50.000	54.198	6915.29	0.0018	P	2.6
5	☐	125.000	134.108	16728.24	0.0044	P	2.3
6	☐	250.000	265.470	32905.21	0.0086	P	1.1
7	☐	500.000	517.363	62861.29	0.0166	P	1.0
8	☐	1000.000	986.100	116640.30	0.0317	P	0.3
9	☐			317.29	0.0001	P	5.3

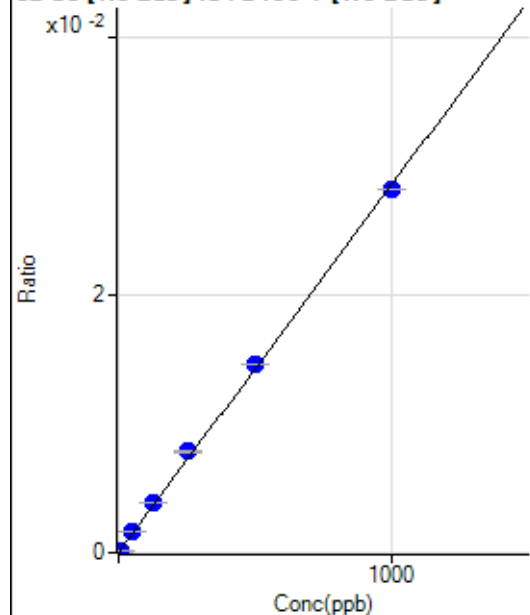
$$y = 3.2046\text{E-}005 * x + 5.8735\text{E-}005$$

$$R = 0.9996$$

$$DL = 0.301$$

Weight: <None>

Min Conc: 0

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

	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	392.06	0.0000	P	34.5
2	☐	0.500					
3	☐	5.000	5.321	3219.89	0.0002	P	2.3
4	☐	50.000	56.059	29896.77	0.0016	P	1.4
5	☐	125.000	136.553	71848.56	0.0039	P	0.9
6	☐	250.000	275.287	138608.87	0.0079	P	2.8
7	☐	500.000	510.930	265706.99	0.0146	P	0.5
8	☐	1000.000	986.465	505609.49	0.0282	P	0.1
9	☐			589.54	0.0000	P	27.9

$$y = 2.8544\text{E-}005 * x + 2.0229\text{E-}005$$

$$R = 0.9995$$

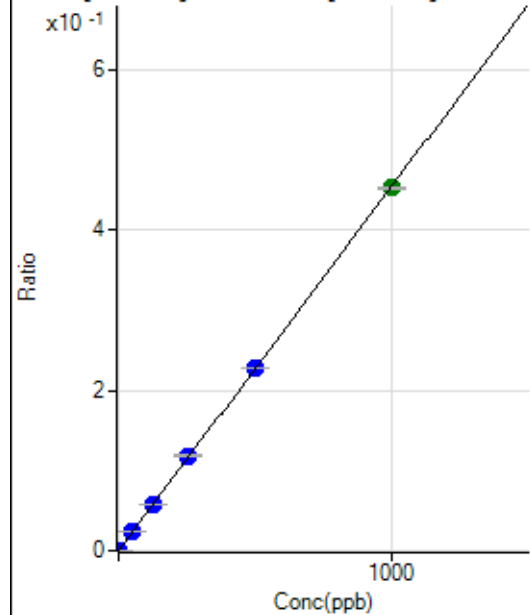
$$DL = 0.7339$$

Weight: <None>

Min Conc: 0

83 Kr [No Gas] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐			1835.71		P	5.5
2	☐						
3	☐			1783.47		P	5.6
4	☐			1780.14		P	2.9
5	☐			1699.02		P	4.0
6	☐			1789.03		P	2.1
7	☐			1702.35		P	6.6
8	☐			1715.69		P	2.1
9	☐			1797.92		P	6.8

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	2953.21	0.0002	P	6.7
2	☐	0.100					
3	☐	1.000	0.774	9411.80	0.0005	P	3.2
4	☐	50.000	50.912	428620.01	0.0232	P	0.9
5	☐	125.000	126.790	1056764.32	0.0576	P	1.7
6	☐	250.000	260.219	2078079.49	0.1181	P	2.8
7	☐	500.000	501.224	4136455.78	0.2274	P	0.5
8	☐	1000.000	996.564	8108282.12	0.4519	A	0.6
9	☐			33398.16	0.0019	P	0.7

$$y = 4.5330E-004 * x + 1.5221E-004$$

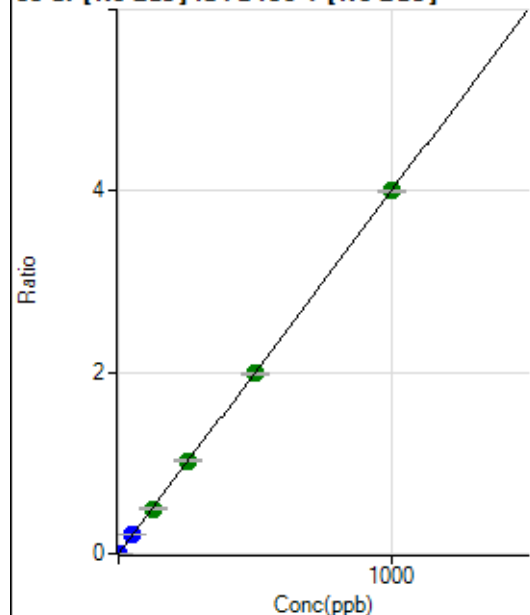
$$R = 0.9999$$

$$DL = 0.06747$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	152.78	0.0000	P	21.2
2	☐	0.100					
3	☐	1.000	0.795	59666.74	0.0032	P	1.1
4	☐	50.000	50.651	3741152.38	0.2028	P	0.8
5	☐	125.000	124.125	9111801.94	0.4969	A	0.9
6	☐	250.000	256.545	18068165.34	1.0270	A	3.0
7	☐	500.000	497.330	36218816.43	1.9908	A	1.0
8	☐	1000.000	999.776	71811291.88	4.0021	A	0.2
9	☐			268707.56	0.0154	P	1.0

$$y = 0.0040 * x + 7.8801E-006$$

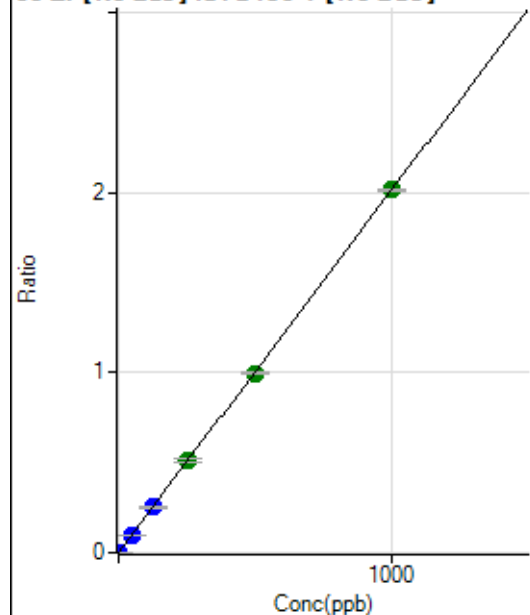
$$R = 1.0000$$

$$DL = 0.001251$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	1639.05	0.0001	P	2.6
2	☐	0.100					
3	☐	1.000	0.914	36038.12	0.0019	P	0.7
4	☐	50.000	49.989	1860629.77	0.1008	P	1.1
5	☐	125.000	125.142	4627050.62	0.2523	P	0.8
6	☐	250.000	255.407	9056855.58	0.5149	A	4.3
7	☐	500.000	495.272	18163166.90	0.9984	A	0.9
8	☐	1000.000	1000.995	36203731.36	2.0177	A	0.3
9	☐			13581.99	0.0008	P	0.3

$$y = 0.0020 * x + 8.4447E-005$$

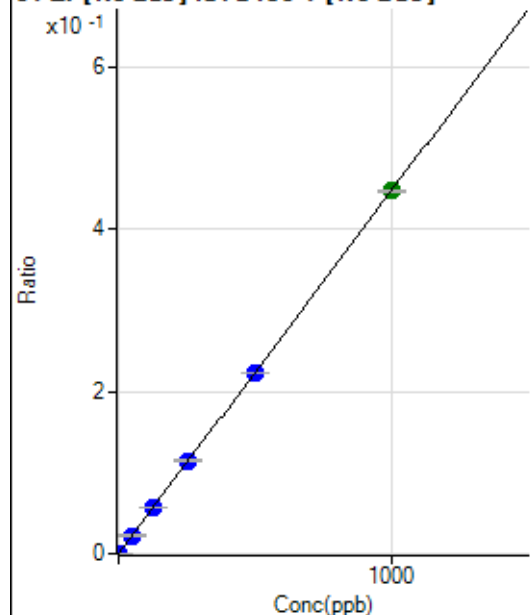
$$R = 1.0000$$

$$DL = 0.003317$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	338.91	0.0000	P	3.2
2	☐	0.100					
3	☐	1.000	0.921	8049.86	0.0004	P	2.9
4	☐	50.000	49.707	411268.55	0.0223	P	2.6
5	☐	125.000	125.078	1028049.91	0.0561	P	0.8
6	☐	250.000	256.555	2022638.13	0.1150	P	3.6
7	☐	500.000	497.835	4058798.18	0.2231	P	0.7
8	☐	1000.000	999.449	8035653.48	0.4479	A	0.6
9	☐			2969.87	0.0002	P	4.0

$$y = 4.4808\text{E-}004 * x + 1.7462\text{E-}005$$

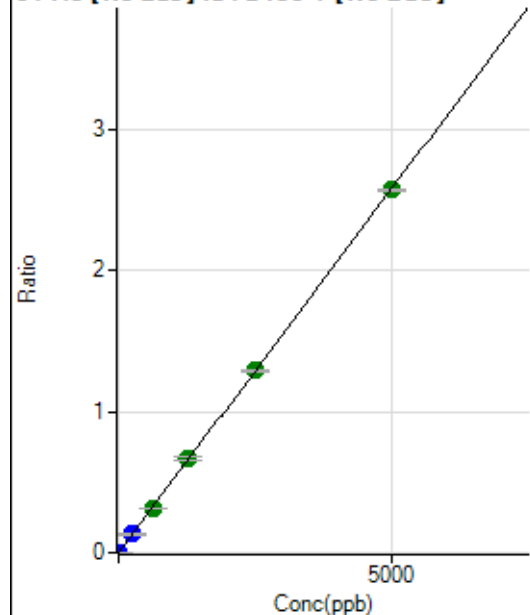
$$R = 1.0000$$

$$DL = 0.003705$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	500.03	0.0000	P	5.1
2	☐	0.500					
3	☐	5.000	4.641	45228.54	0.0024	P	0.9
4	☐	250.000	251.969	2396313.73	0.1299	P	0.7
5	☐	625.000	618.655	5846961.63	0.3188	A	0.5
6	☐	1250.000	1291.458	11709230.64	0.6656	A	3.4
7	☐	2500.000	2506.506	23500441.50	1.2918	A	1.1
8	☐	5000.000	4987.077	46114789.22	2.5701	A	0.5
9	☐			31778.17	0.0018	P	2.2

$$y = 5.1535\text{E-}004 * x + 2.5760\text{E-}005$$

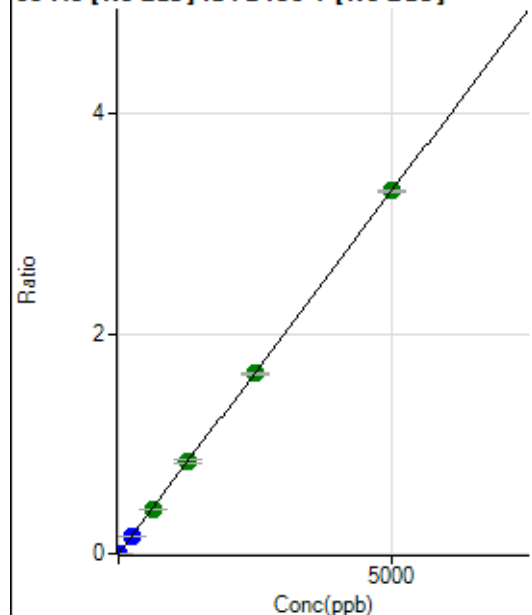
$$R = 1.0000$$

$$DL = 0.007579$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	113.90	0.0000	P	10.3
2	☐	0.500					
3	☐	5.000	4.487	55431.01	0.0030	P	2.0
4	☐	250.000	249.003	3027543.95	0.1641	P	2.1
5	☐	625.000	619.125	7481825.86	0.4080	A	0.2
6	☐	1250.000	1274.587	14777560.05	0.8399	A	3.0
7	☐	2500.000	2480.179	29734351.36	1.6344	A	1.1
8	☐	5000.000	5004.549	59173338.13	3.2979	A	0.7
9	☐			46975.96	0.0027	P	2.6

$$y = 6.5899\text{E-}004 * x + 5.8653\text{E-}006$$

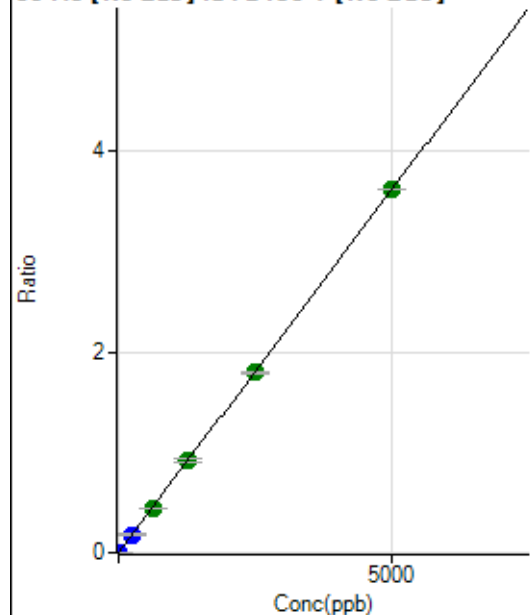
$$R = 1.0000$$

$$DL = 0.002754$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	250.02	0.0000	P	9.1
2	☐	0.500					
3	☐	5.000	4.443	60373.17	0.0032	P	1.3
4	☐	250.000	250.834	3347780.89	0.1814	P	1.2
5	☐	625.000	620.372	8228993.41	0.4487	A	0.8
6	☐	1250.000	1277.313	16254086.82	0.9239	A	3.5
7	☐	2500.000	2482.751	32671867.40	1.7959	A	1.0
8	☐	5000.000	5002.334	64924822.98	3.6184	A	0.2
9	☐			66654.00	0.0038	P	2.5

$$y = 7.2333\text{E-}004 * x + 1.2876\text{E-}005$$

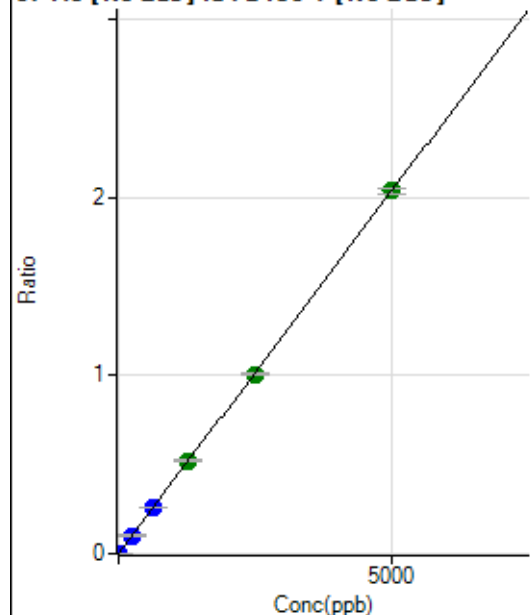
$$R = 1.0000$$

$$DL = 0.004869$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	44.45	0.0000	P	29.4
2	☐	0.500					
3	☐	5.000	4.564	34815.75	0.0019	P	2.0
4	☐	250.000	250.287	1880413.84	0.1019	P	1.6
5	☐	625.000	629.684	4702022.15	0.2564	P	0.5
6	☐	1250.000	1281.963	9185139.70	0.5220	A	2.4
7	☐	2500.000	2476.673	18346944.16	1.0085	A	1.5
8	☐	5000.000	5003.074	36552929.98	2.0373	A	1.5
9	☐			28231.75	0.0016	P	5.7

$$y = 4.0720\text{E-}004 * x + 2.2933\text{E-}006$$

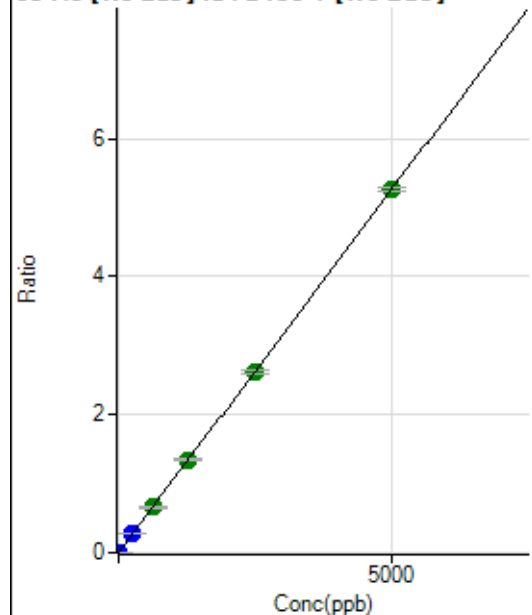
$$R = 1.0000$$

$$DL = 0.004972$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	100.01	0.0000	P	29.8
2	☐	0.500					
3	☐	5.000	4.463	87955.45	0.0047	P	1.4
4	☐	250.000	253.570	4923044.08	0.2668	P	0.9
5	☐	625.000	622.746	12016546.10	0.6553	A	0.1
6	☐	1250.000	1280.847	23713603.31	1.3478	A	2.7
7	☐	2500.000	2489.061	47646988.91	2.6191	A	1.6
8	☐	5000.000	4997.861	94359532.66	5.2590	A	1.0
9	☐			71898.67	0.0041	P	4.3

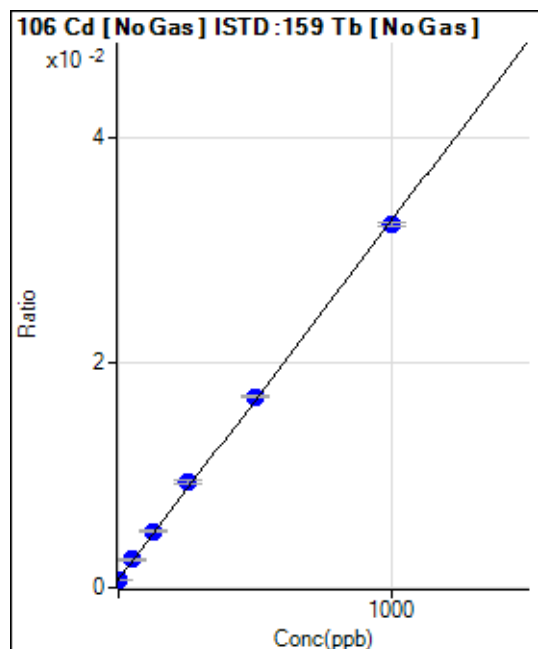
$$y = 0.0011 * x + 5.1617\text{E-}006$$

$$R = 1.0000$$

$$DL = 0.004383$$

Weight: <None>

Min Conc: 0



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	16371.27	0.0007	P	1.7
2	☐	0.100					
3	☐	1.000	0.901	16513.08	0.0007	P	1.2
4	☐	50.000	55.440	54796.23	0.0025	P	2.7
5	☐	125.000	135.031	111194.03	0.0050	P	1.1
6	☐	250.000	271.212	200527.86	0.0094	P	2.6
7	☐	500.000	510.384	373915.18	0.0170	P	0.3
8	☐	1000.000	987.980	704617.36	0.0322	P	0.9
9	☐			15233.81	0.0008	P	1.3

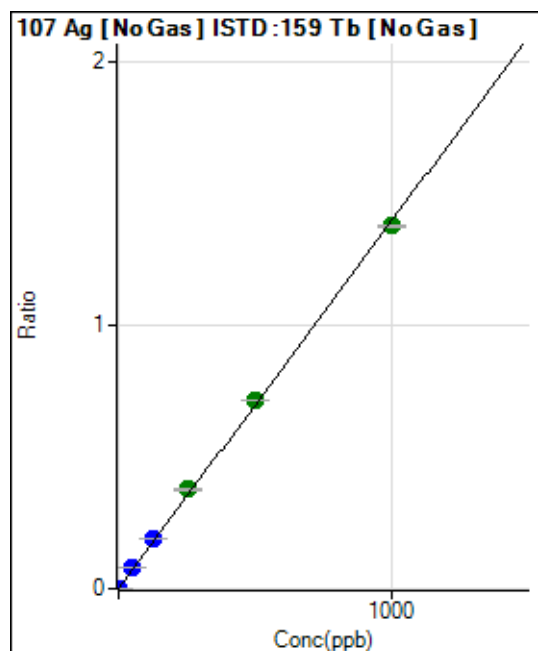
$$y = 3.1911\text{E-}005 * x + 7.1763\text{E-}004$$

$$R = 0.9997$$

$$DL = 1.122$$

Weight: <None>

Min Conc: 0



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	263.90	0.0000	P	21.2
2	☐	0.100					
3	☐	1.000	1.183	36802.03	0.0017	P	1.6
4	☐	50.000	55.460	1707418.77	0.0775	P	1.2
5	☐	125.000	136.851	4228979.13	0.1912	P	0.5
6	☐	250.000	269.507	8054749.05	0.3765	A	2.8
7	☐	500.000	512.548	15743581.08	0.7160	A	0.4
8	☐	1000.000	987.095	30131305.19	1.3788	A	0.3
9	☐			2667.04	0.0001	P	8.3

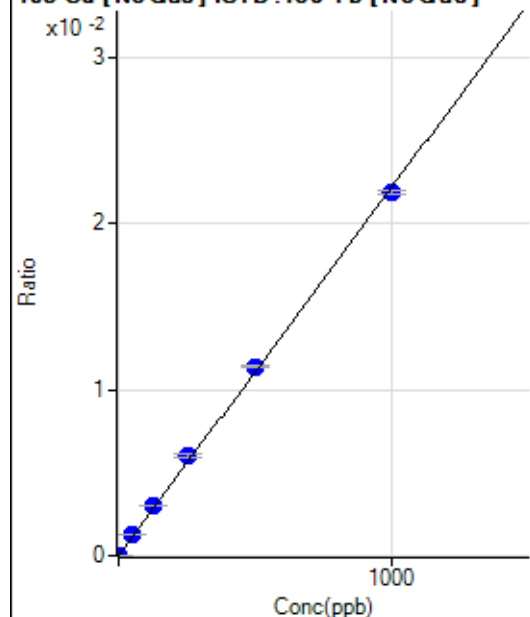
$$y = 0.0014 * x + 1.1563\text{E-}005$$

$$R = 0.9996$$

$$DL = 0.005256$$

Weight: <None>

Min Conc: 0

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

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	37.50	0.0000	P	28.9
2	☐	0.100					
3	☐	1.000	1.060	555.58	0.0000	P	2.2
4	☐	50.000	55.010	26868.93	0.0012	P	0.6
5	☐	125.000	135.196	66231.07	0.0030	P	1.5
6	☐	250.000	272.961	129291.37	0.0060	P	3.0
7	☐	500.000	514.077	250249.72	0.0114	P	0.8
8	☐	1000.000	985.696	476817.82	0.0218	P	1.0
9	☐			144.45	0.0000	P	19.5

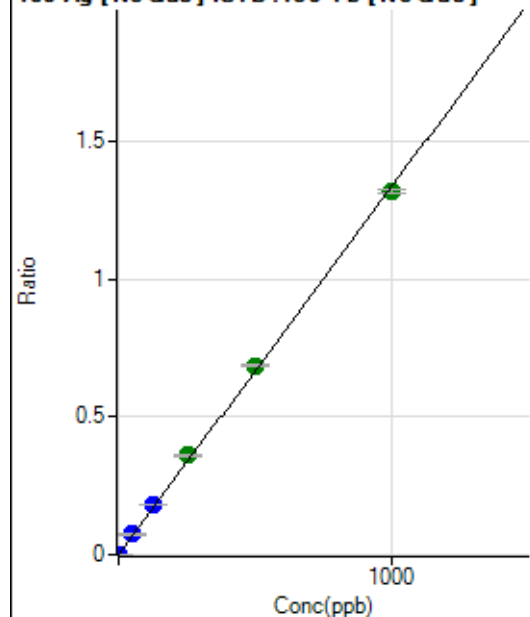
$$y = 2.2134\text{E-}005 * x + 1.6420\text{E-}006$$

$$R = 0.9995$$

$$DL = 0.0643$$

Weight: <None>

Min Conc: 0

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

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	130.56	0.0000	P	12.6
2	☐	0.100					
3	☐	1.000	1.176	34805.15	0.0016	P	0.2
4	☐	50.000	55.166	1620999.46	0.0736	P	1.0
5	☐	125.000	136.662	4030978.91	0.1822	P	0.9
6	☐	250.000	269.634	7690704.51	0.3595	A	3.4
7	☐	500.000	513.570	15057234.54	0.6848	A	1.0
8	☐	1000.000	986.591	28744831.20	1.3154	A	1.0
9	☐			2386.41	0.0001	P	2.8

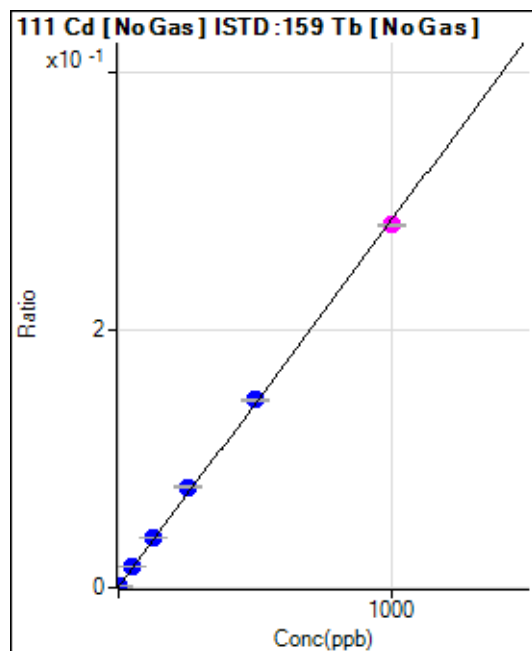
$$y = 0.0013 * x + 5.7205\text{E-}006$$

$$R = 0.9996$$

$$DL = 0.001624$$

Weight: <None>

Min Conc: 0



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	11482.24	0.0005	P	1.7
2	☐	0.100					
3	☐	1.000	0.964	17202.22	0.0008	P	0.7
4	☐	50.000	55.088	356404.12	0.0162	P	0.3
5	☐	125.000	134.554	857808.41	0.0388	P	1.0
6	☐	250.000	273.029	1672225.63	0.0782	P	3.1
7	☐	500.000	510.748	3205574.29	0.1458	P	0.9
8	☐	1000.000	987.420	6148586.80	0.2814	M	0.4
9	☐			11433.44	0.0006	P	2.1

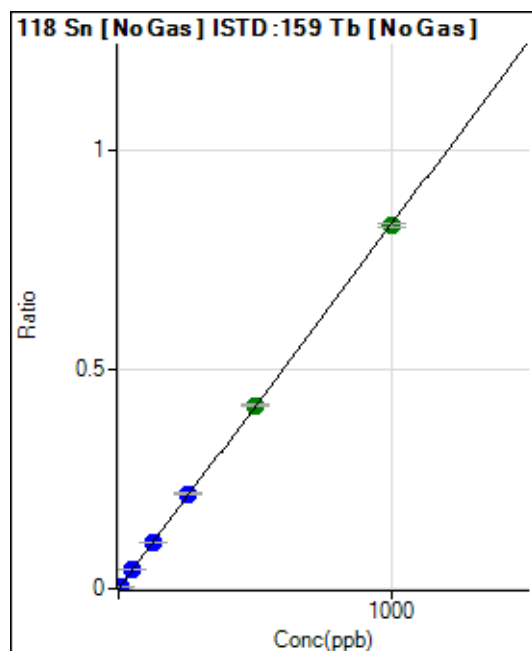
$$y = 2.8444\text{E-}004 * x + 5.0332\text{E-}004$$

$$R = 0.9996$$

$$DL = 0.09037$$

Weight: <None>

Min Conc: 0



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	958.41	0.0000	P	5.8
2	☐	0.500					
3	☐	5.000	4.933	91475.80	0.0041	P	1.3
4	☐	50.000	52.102	953386.78	0.0433	P	1.5
5	☐	125.000	128.279	2354970.63	0.1065	P	0.6
6	☐	250.000	260.719	4627857.66	0.2163	P	3.3
7	☐	500.000	502.869	9174252.98	0.4172	A	0.7
8	☐	1000.000	995.371	18044580.96	0.8258	A	1.1
9	☐			14822.26	0.0007	P	0.6

$$y = 8.2957\text{E-}004 * x + 4.2002\text{E-}005$$

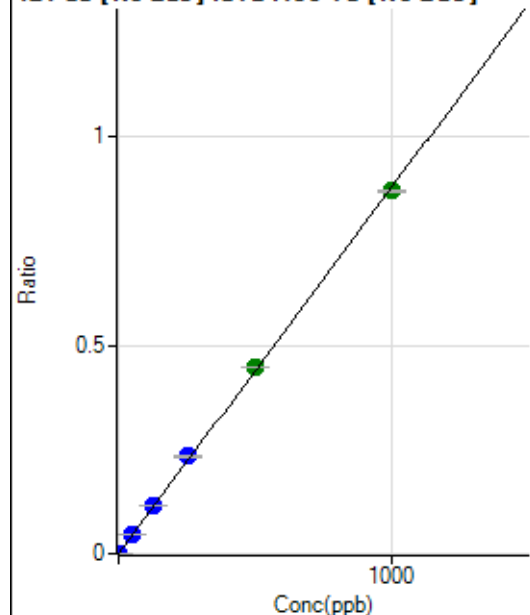
$$R = 0.9999$$

$$DL = 0.008884$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	111.12	0.0000	P	22.2
2	☐	0.200					
3	☐	2.000	1.873	36537.65	0.0017	P	1.8
4	☐	50.000	52.443	1015940.63	0.0461	P	0.4
5	☐	125.000	129.100	2510384.02	0.1135	P	0.4
6	☐	250.000	265.543	4993173.25	0.2334	P	3.5
7	☐	500.000	508.927	9836691.02	0.4473	A	0.8
8	☐	1000.000	991.016	19035751.29	0.8711	A	0.3
9	☐			21041.65	0.0010	P	1.9

$$y = 8.7898\text{E-}004 * x + 4.8762\text{E-}006$$

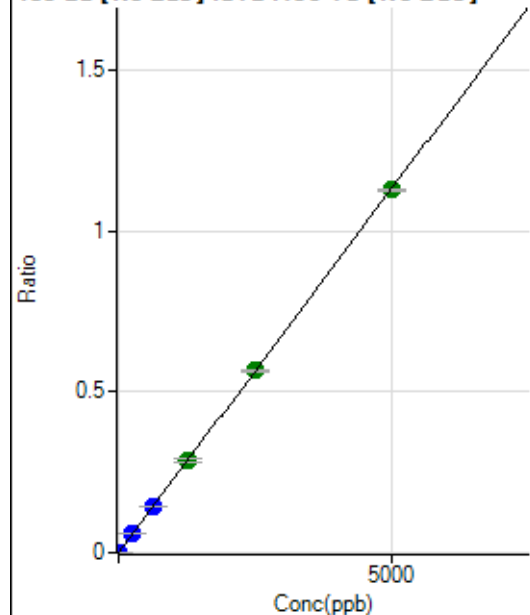
$$R = 0.9998$$

$$DL = 0.003701$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	33.34	0.0000	P	90.1
2	☐	1.000					
3	☐	10.000	9.733	48784.37	0.0022	P	4.1
4	☐	250.000	257.459	1284846.80	0.0583	P	1.0
5	☐	625.000	642.803	3220241.65	0.1456	P	1.3
6	☐	1250.000	1280.982	6204635.51	0.2901	A	4.2
7	☐	2500.000	2507.147	12484071.29	0.5678	A	1.2
8	☐	5000.000	4986.083	24674060.27	1.1291	A	0.3
9	☐			4120.24	0.0002	P	7.2

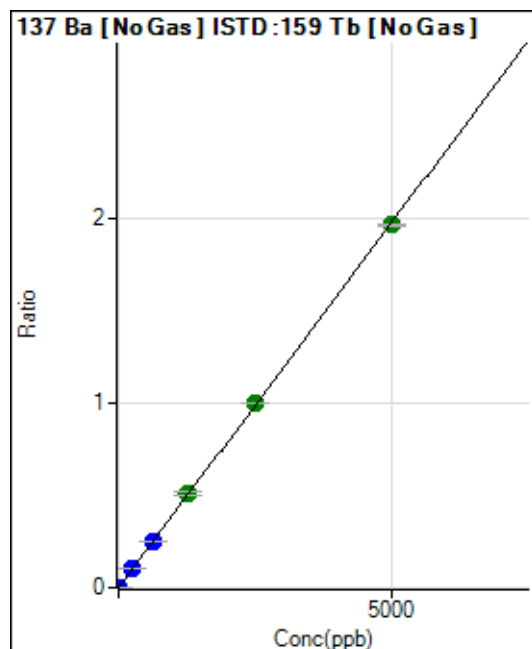
$$y = 2.2645\text{E-}004 * x + 1.4668\text{E-}006$$

$$R = 1.0000$$

$$DL = 0.0175$$

Weight: <None>

Min Conc: 0



	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	52.78	0.0000	P	8.4
2	☐	1.000					
3	☐	10.000	9.466	82744.06	0.0037	P	1.0
4	☐	250.000	257.423	2239803.89	0.1016	P	1.6
5	☐	625.000	641.565	5603724.91	0.2533	P	1.1
6	☐	1250.000	1290.782	10901893.91	0.5096	A	3.6
7	☐	2500.000	2530.177	21966921.15	0.9990	A	0.3
8	☐	5000.000	4972.275	42900596.10	1.9632	A	0.5
9	☐			7441.19	0.0004	P	5.7

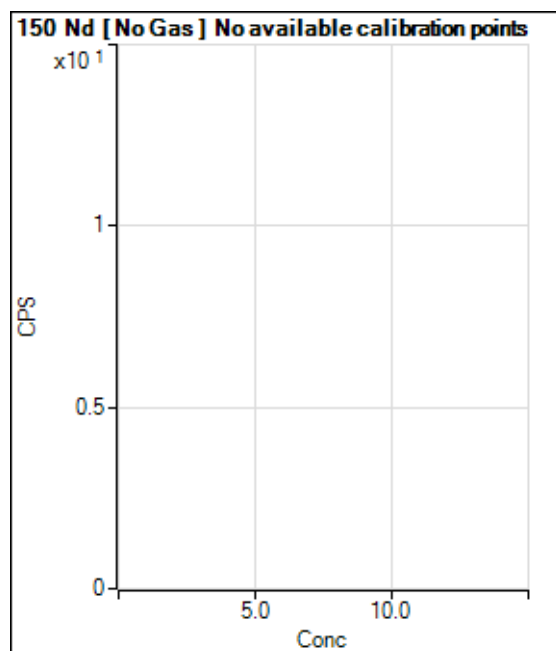
$$y = 3.9483\text{E-}004 * x + 2.3128\text{E-}006$$

$$R = 0.9999$$

$$DL = 0.001476$$

Weight: <None>

Min Conc: 0



	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐			2.22		P	173.
2	☐						
3	☐			6.67		P	0.0
4	☐			120.00		P	16.7
5	☐			284.46		P	14.9
6	☐			548.92		P	12.9
7	☐			984.52		P	9.7
8	☐			2011.34		P	3.5
9	☐			442.24		P	8.3

150 Nd [He] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			0.00		P	
2	☐						
3	☐			1.11		P	173.
4	☐			15.56		P	53.9
5	☐			43.33		P	30.8
6	☐			78.89		P	19.1
7	☐			147.78		P	24.9
8	☐			217.78		P	23.4
9	☐			206.67		P	10.1

156 Dy [No Gas] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			11.11		P	43.3
2	☐						
3	☐			16.67		P	50.0
4	☐			55.56		P	67.6
5	☐			52.78		P	59.8
6	☐			180.56		P	11.6
7	☐			263.90		P	24.5
8	☐			480.59		P	8.7
9	☐			263.90		P	11.1

156 Dy [He] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			7.78		P	65.5
2	☐						
3	☐			12.22		P	41.7
4	☐			28.89		P	13.3
5	☐			84.45		P	2.3
6	☐			137.78		P	13.8
7	☐			281.12		P	13.0
8	☐			530.02		P	5.8
9	☐			130.00		P	13.6

160 Gd [No Gas] Noavailable calibration poin_

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			233.35		P	12.9
2	☐						
3	☐			180.56		P	19.2
4	☐			277.80		P	4.6
5	☐			272.24		P	12.7
6	☐			219.46		P	2.2
7	☐			316.68		P	13.9
8	☐			291.68		P	15.9
9	☐			322.24		P	27.2

160 Gd [He] No available calibration points

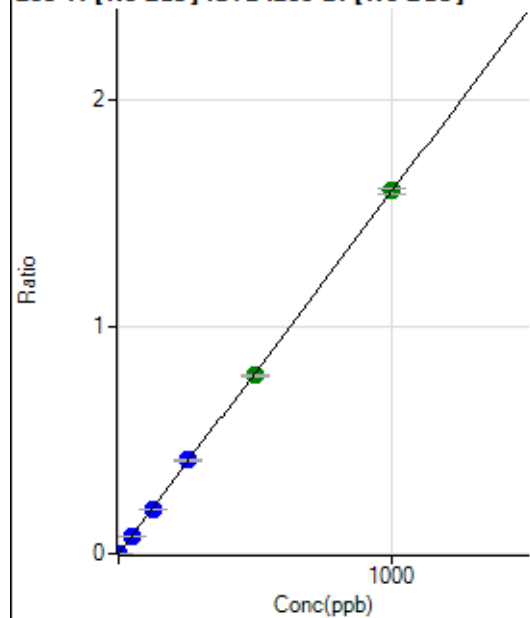
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			421.12		P	9.2
2	☐						
3	☐			438.90		P	6.5
4	☐			426.68		P	4.1
5	☐			452.24		P	7.4
6	☐			445.57		P	3.0
7	☐			451.13		P	10.8
8	☐			458.90		P	2.3
9	☐			521.13		P	9.4

164 Er [No Gas] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			66.67		P	12.5
2	☐						
3	☐			86.11		P	14.8
4	☐			100.01		P	8.3
5	☐			72.23		P	24.0
6	☐			88.89		P	10.8
7	☐			72.23		P	43.7
8	☐			113.89		P	11.2
9	☐			161.12		P	13.0

164 Er [He] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐			37.78		P	13.5
2	☐						
3	☐			50.00		P	13.3
4	☐			47.78		P	29.0
5	☐			58.89		P	22.9
6	☐			53.33		P	33.1
7	☐			63.33		P	21.1
8	☐			57.78		P	24.0
9	☐			75.56		P	19.9

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	588.93	0.0000	P	13.2
2	☐	0.100					
3	☐	1.000	0.835	19314.94	0.0014	P	0.4
4	☐	50.000	49.007	1090266.95	0.0782	P	1.7
5	☐	125.000	123.331	2717131.74	0.1968	P	0.7
6	☐	250.000	258.003	5414477.99	0.4117	P	2.5
7	☐	500.000	491.892	10465726.88	0.7849	A	0.9
8	☐	1000.000	1002.312	20609512.44	1.5992	A	1.8
9	☐			4559.31	0.0004	P	8.0

$$y = 0.0016 * x + 4.0496E-005$$

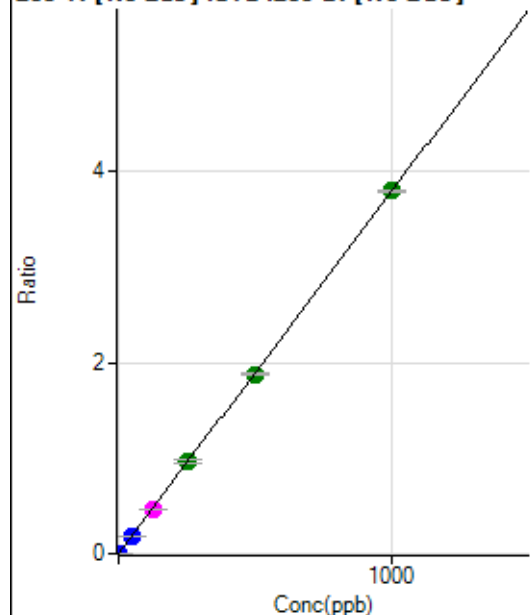
$$R = 0.9999$$

$$DL = 0.01002$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	1472.37	0.0001	P	2.5
2	☐	0.100					
3	☐	1.000	0.867	47659.14	0.0034	P	1.7
4	☐	50.000	49.091	2595709.41	0.1863	P	0.9
5	☐	125.000	122.430	6410031.22	0.4643	M	0.9
6	☐	250.000	253.534	12643438.13	0.9615	A	3.2
7	☐	500.000	495.631	25062149.17	1.8795	A	1.0
8	☐	1000.000	1001.668	48950168.80	3.7983	A	0.8
9	☐			11041.20	0.0011	P	4.5

$$y = 0.0038 * x + 1.0123E-004$$

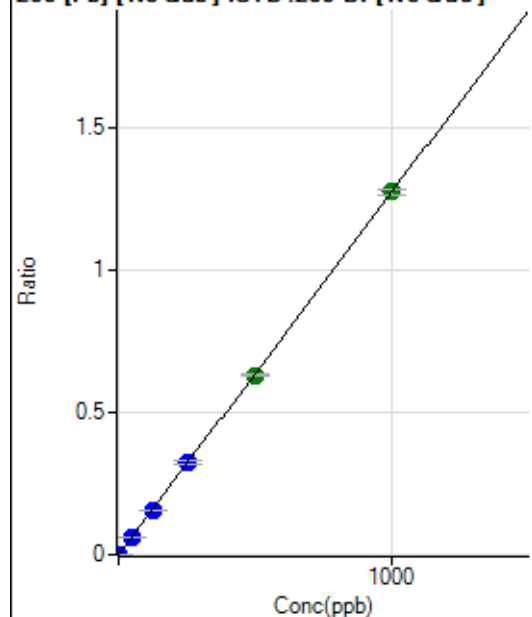
$$R = 1.0000$$

$$DL = 0.001984$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	838.94	0.0001	P	2.9
2	☐	0.100					
3	☐	1.000	0.868	16384.56	0.0012	P	1.9
4	☐	50.000	48.911	869975.76	0.0624	P	2.3
5	☐	125.000	122.458	2156543.89	0.1562	P	0.6
6	☐	250.000	255.710	4288662.02	0.3261	P	3.1
7	☐	500.000	494.885	8415458.12	0.6311	A	0.7
8	☐	1000.000	1001.502	16458502.57	1.2771	A	1.3
9	☐			23319.07	0.0022	P	2.0

$$y = 0.0013 * x + 5.7664E-005$$

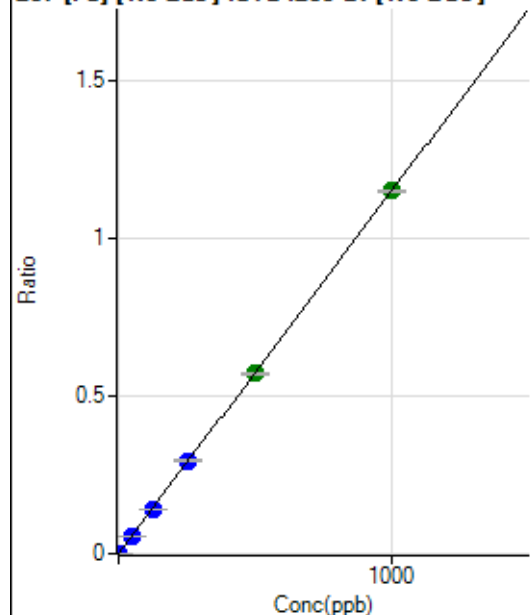
$$R = 1.0000$$

$$DL = 0.003996$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	698.19	0.0000	P	1.2
2	☐	0.100					
3	☐	1.000	0.867	14684.42	0.0010	P	2.2
4	☐	50.000	48.929	783878.18	0.0562	P	1.1
5	☐	125.000	122.017	1935354.34	0.1402	P	0.5
6	☐	250.000	256.013	3867664.24	0.2941	P	2.9
7	☐	500.000	496.950	7611528.47	0.5708	A	0.6
8	☐	1000.000	1000.448	14808699.41	1.1491	A	0.5
9	☐			19438.77	0.0019	P	1.3

$$y = 0.0011 * x + 4.7999E-005$$

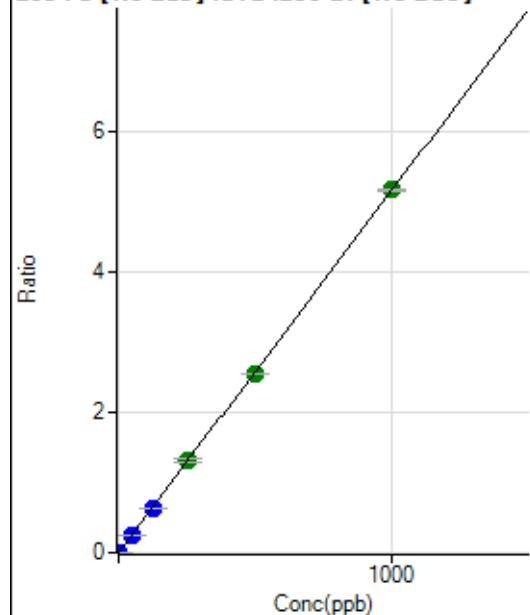
$$R = 1.0000$$

$$DL = 0.001499$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	3365.09	0.0002	P	7.5
2	☐	0.100					
3	☐	1.000	0.870	66362.73	0.0047	P	0.6
4	☐	50.000	49.246	3540758.50	0.2541	P	0.8
5	☐	125.000	122.858	8745469.51	0.6335	P	0.4
6	☐	250.000	254.337	17242335.48	1.3112	A	3.1
7	☐	500.000	493.958	33952912.45	2.5462	A	0.4
8	☐	1000.000	1002.242	66577878.69	5.1661	A	0.4
9	☐			90397.51	0.0087	P	0.4

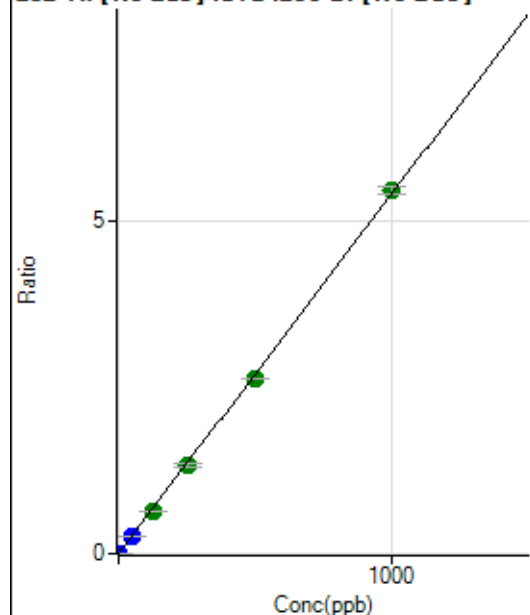
$$y = 0.0052 * x + 2.3124E-004$$

$$R = 1.0000$$

$$DL = 0.01014$$

Weight: <None>

Min Conc: 0

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	688.93	0.0000	P	5.6
2	☐	0.100					
3	☐	1.000	0.803	61581.97	0.0044	P	2.1
4	☐	50.000	46.530	3497627.94	0.2510	P	0.4
5	☐	125.000	117.107	8718438.51	0.6316	A	0.7
6	☐	250.000	245.438	17403627.01	1.3236	A	3.8
7	☐	500.000	486.783	35004198.47	2.6250	A	0.4
8	☐	1000.000	1008.909	70109646.01	5.4406	A	2.0
9	☐			11631.42	0.0011	P	7.0

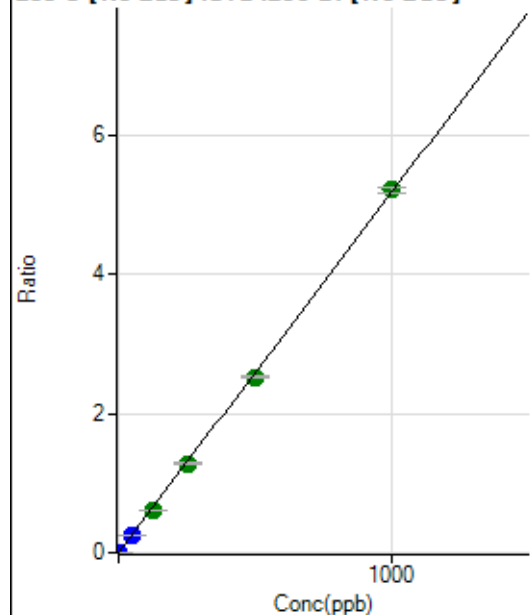
$$y = 0.0054 * x + 4.7371E-005$$

$$R = 0.9998$$

$$DL = 0.001463$$

Weight: <None>

Min Conc: 0

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	41.67	0.0000	P	69.3
2	☐	0.100					
3	☐	1.000	0.845	61426.52	0.0044	P	1.5
4	☐	50.000	46.991	3383024.68	0.2428	P	1.6
5	☐	125.000	117.131	8352889.69	0.6051	A	0.8
6	☐	250.000	247.491	16813080.24	1.2785	A	3.3
7	☐	500.000	488.422	33645085.47	2.5231	A	0.1
8	☐	1000.000	1007.550	67073298.72	5.2049	A	1.8
9	☐			7149.56	0.0007	P	9.2

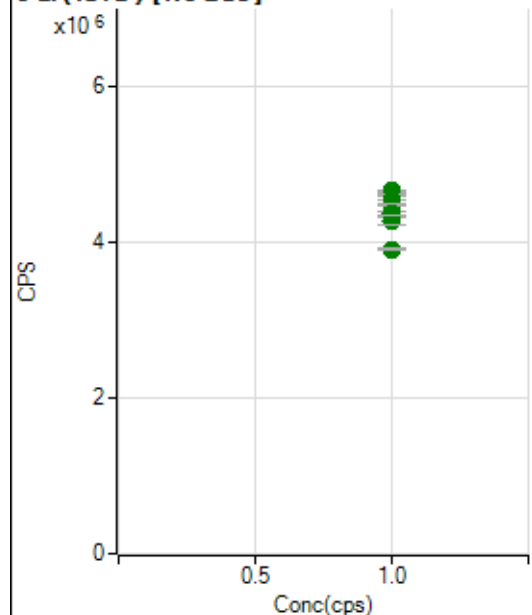
$$y = 0.0052 * x + 2.8641E-006$$

$$R = 0.9999$$

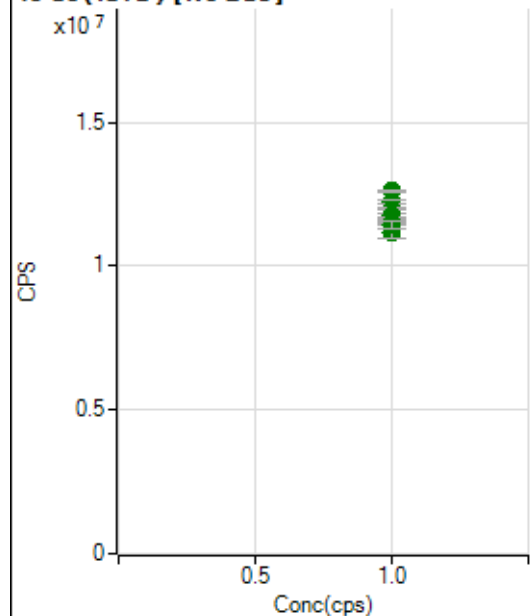
$$DL = 0.001152$$

Weight: <None>

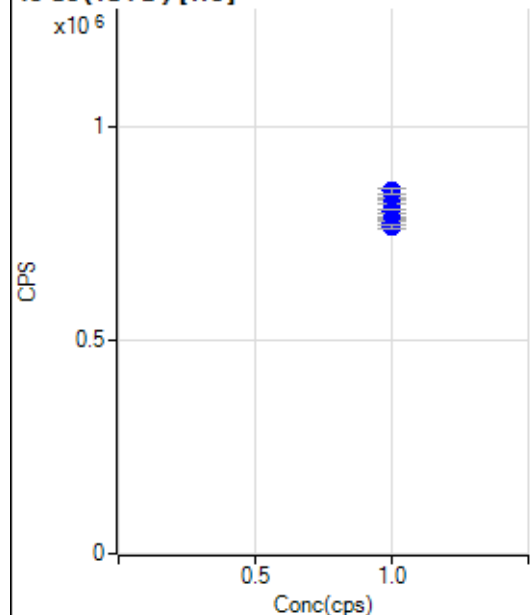
Min Conc: 0

6 Li (ISTD) [No Gas]

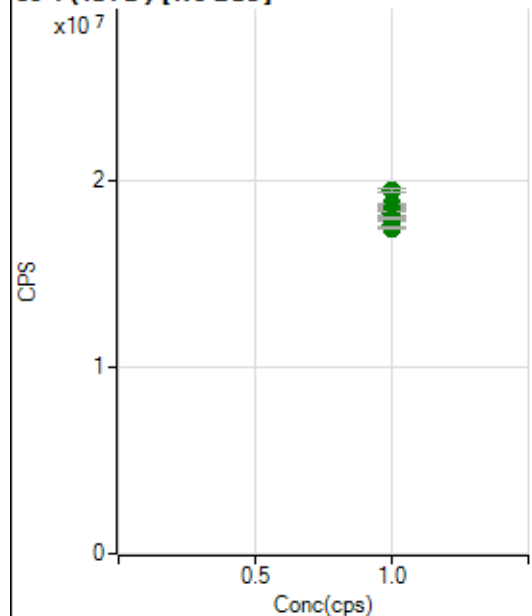
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	1.000		4651933.87		A	0.8
2	☐	1.000					
3	☐	1.000		4603353.37		A	0.4
4	☐	1.000		4542514.74		A	0.0
5	☐	1.000		4481105.58		A	0.5
6	☐	1.000		4269431.62		A	2.6
7	☐	1.000		4366847.61		A	0.7
8	☐	1.000		4338128.58		A	0.5
9	☐	1.000		3900619.83		A	0.4

45 Sc (ISTD) [No Gas]

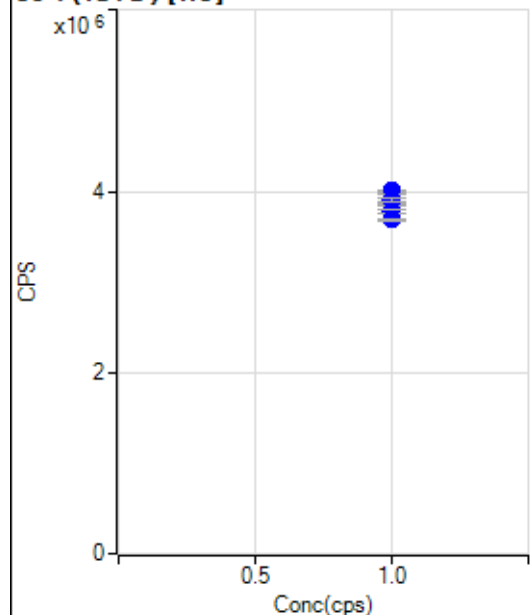
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	1.000		12614188.74		A	0.4
2	☐	1.000					
3	☐	1.000		12230905.83		A	0.9
4	☐	1.000		11988452.35		A	0.9
5	☐	1.000		11762676.48		A	0.7
6	☐	1.000		11189423.25		A	4.0
7	☐	1.000		11685075.87		A	0.7
8	☐	1.000		11511902.52		A	0.2
9	☐	1.000		11440440.27		A	2.0

45 Sc (ISTD) [He]

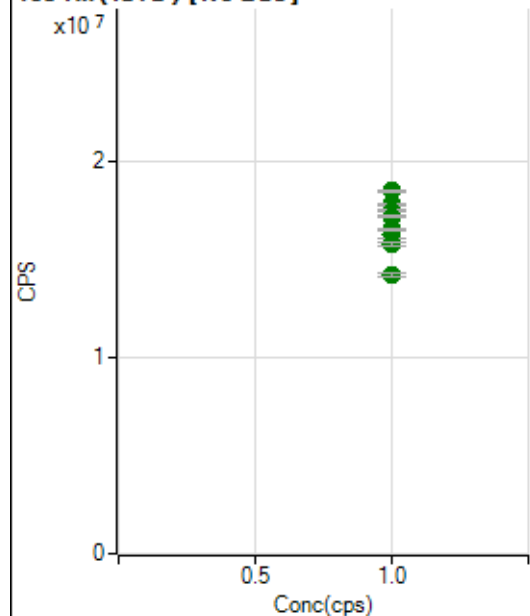
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	1.000		828708.74		P	0.7
2	☐	1.000					
3	☐	1.000		819085.65		P	0.3
4	☐	1.000		799264.57		P	0.9
5	☐	1.000		782243.71		P	0.7
6	☐	1.000		779525.18		P	0.9
7	☐	1.000		774652.47		P	1.0
8	☐	1.000		762780.61		P	1.1
9	☐	1.000		848015.51		P	1.4

89 Y (ISTD) [No Gas]

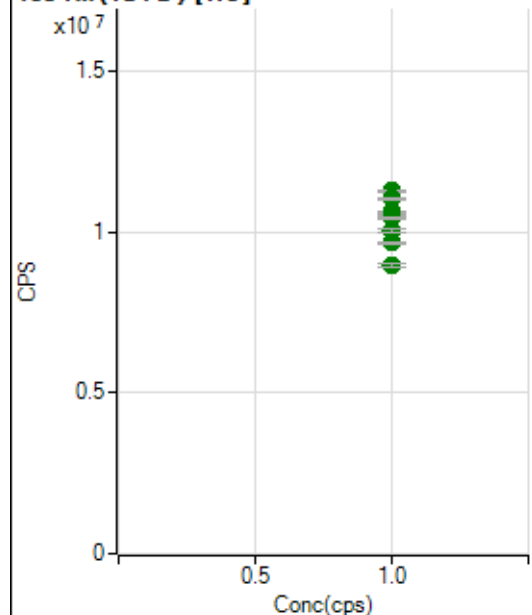
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	1.000		19406793.46		A	0.9
2	☐	1.000					
3	☐	1.000		18710313.75		A	0.6
4	☐	1.000		18450939.87		A	0.5
5	☐	1.000		18337793.89		A	0.2
6	☐	1.000		17602546.13		A	2.5
7	☐	1.000		18194182.09		A	1.1
8	☐	1.000		17943222.79		A	0.9
9	☐	1.000		17414700.02		A	0.7

89 Y (ISTD) [He]

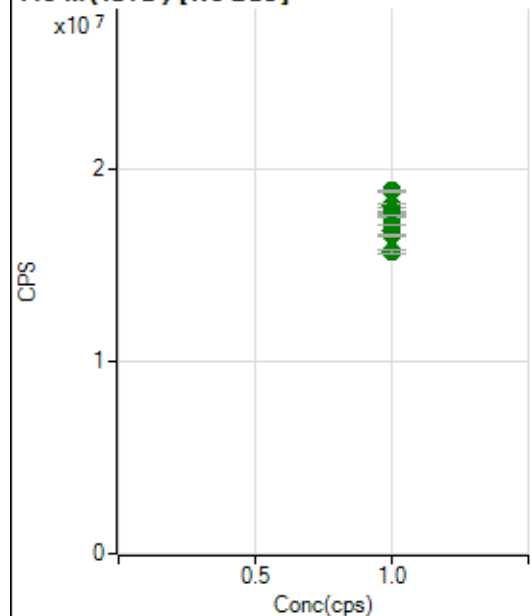
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	1.000		4004711.40		P	0.4
2	☐	1.000					
3	☐	1.000		3967378.07		P	0.4
4	☐	1.000		3851588.94		P	0.6
5	☐	1.000		3839735.46		P	0.4
6	☐	1.000		3841371.47		P	0.3
7	☐	1.000		3778290.43		P	0.9
8	☐	1.000		3684260.99		P	1.1
9	☐	1.000		3900597.13		P	0.9

103 Rh (ISTD) [No Gas]

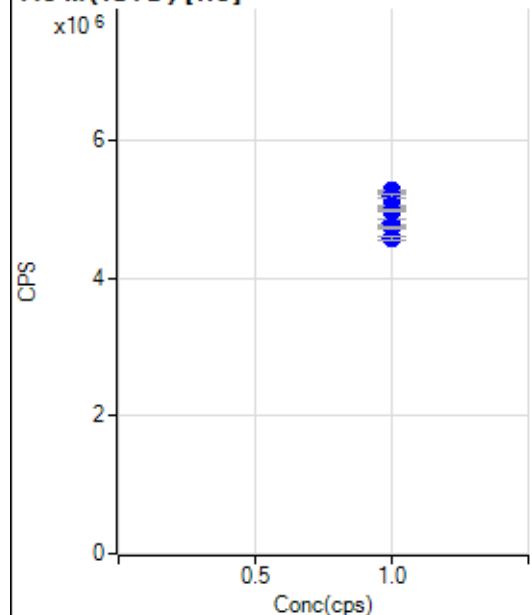
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	1.000		18453546.42		A	0.7
2	☐	1.000					
3	☐	1.000		17758322.27		A	0.6
4	☐	1.000		17453470.36		A	0.6
5	☐	1.000		17153717.05		A	0.5
6	☐	1.000		16223722.41		A	2.7
7	☐	1.000		16482372.07		A	0.5
8	☐	1.000		15761232.64		A	1.0
9	☐	1.000		14203490.94		A	1.7

103 Rh (ISTD) [He]

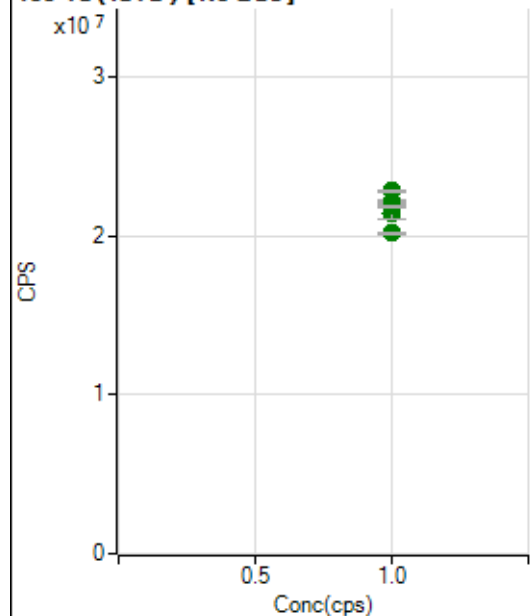
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	1.000		11279758.86		A	0.4
2	☐	1.000					
3	☐	1.000		11044517.61		A	0.6
4	☐	1.000		10631978.87		A	0.1
5	☐	1.000		10539627.07		A	0.7
6	☐	1.000		10442118.11		A	0.3
7	☐	1.000		10034976.93		A	1.1
8	☐	1.000		9662735.83		A	0.9
9	☐	1.000		8983894.31		A	1.1

115 In (ISTD) [No Gas]

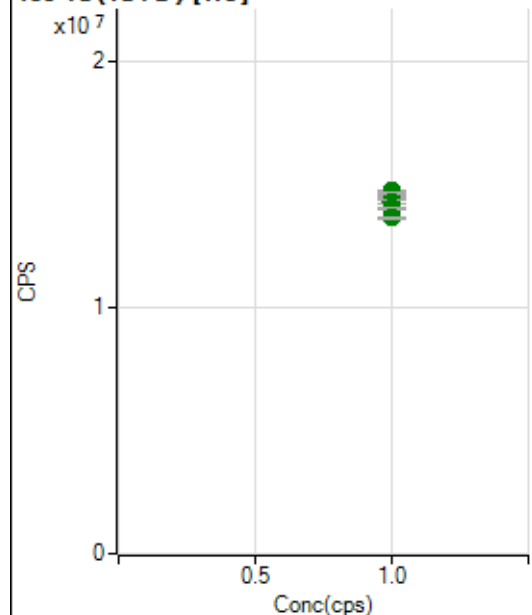
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	1.000		18840680.33		A	0.4
2	☐	1.000					
3	☐	1.000		18097891.36		A	0.8
4	☐	1.000		17745103.89		A	0.8
5	☐	1.000		17547410.87		A	0.7
6	☐	1.000		16802889.67		A	2.9
7	☐	1.000		17073012.36		A	0.3
8	☐	1.000		16534525.66		A	0.2
9	☐	1.000		15680458.73		A	0.9

115 In (ISTD) [He]

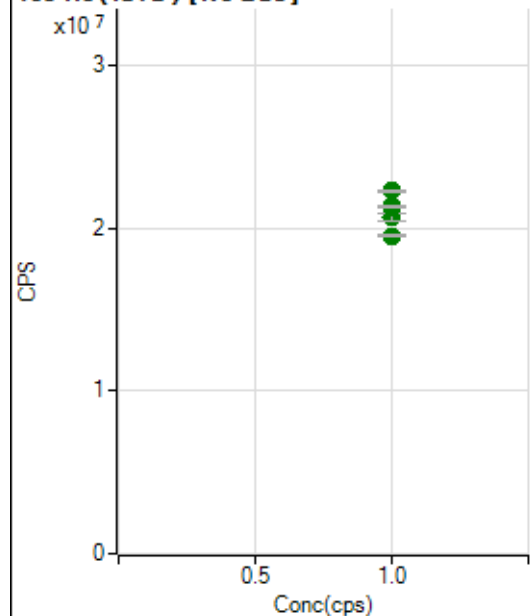
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	1.000		5264864.78		P	0.2
2	☐	1.000					
3	☐	1.000		5191915.40		P	0.7
4	☐	1.000		5026411.32		P	0.5
5	☐	1.000		5040971.51		P	0.1
6	☐	1.000		4974637.31		P	0.8
7	☐	1.000		4813342.73		P	1.5
8	☐	1.000		4571755.98		P	1.4
9	☐	1.000		4733172.12		P	1.0

159 Tb (ISTD) [No Gas]

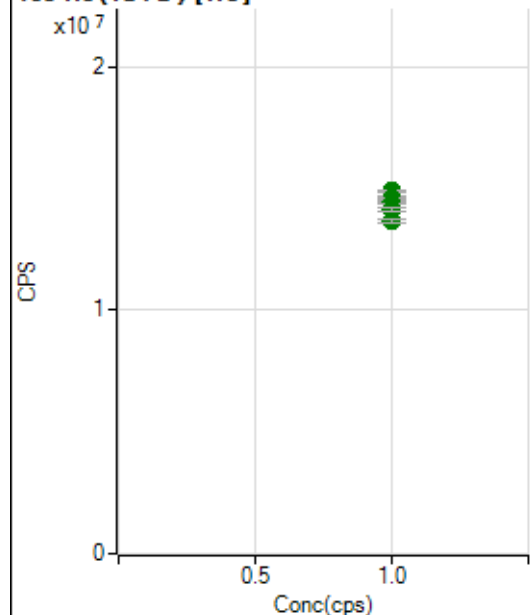
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	1.000		22811881.60		A	0.7
2	☐	1.000					
3	☐	1.000		22124094.11		A	0.8
4	☐	1.000		22037606.06		A	0.6
5	☐	1.000		22121393.84		A	0.3
6	☐	1.000		21407413.71		A	3.1
7	☐	1.000		21989341.89		A	0.5
8	☐	1.000		21852654.40		A	0.5
9	☐	1.000		20166454.14		A	0.8

159 Tb (ISTD) [He]

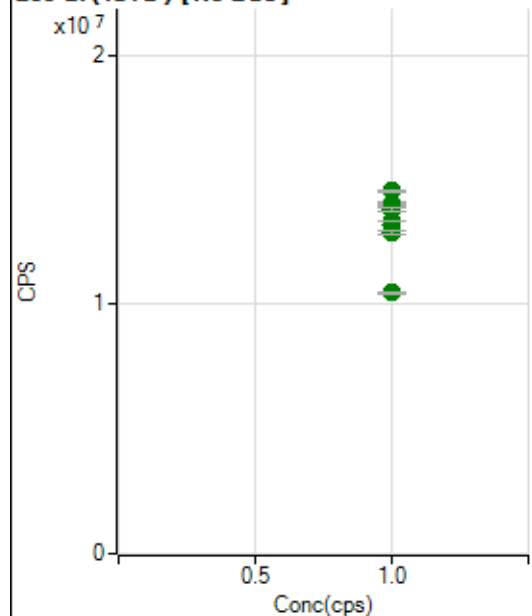
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	1.000		14728641.03		A	0.6
2	☐	1.000					
3	☐	1.000		14572887.00		A	0.2
4	☐	1.000		14440722.01		A	0.4
5	☐	1.000		14442275.89		A	0.1
6	☐	1.000		14632671.17		A	0.9
7	☐	1.000		14262494.93		A	1.0
8	☐	1.000		14015719.65		A	0.8
9	☐	1.000		13635076.88		A	0.5

165 Ho (ISTD) [No Gas]

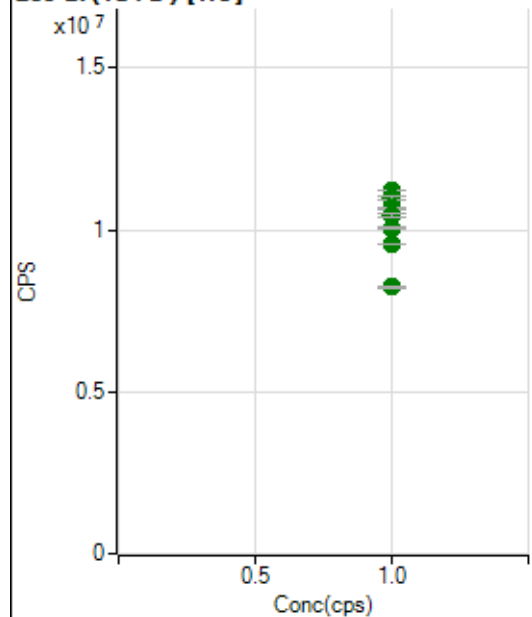
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	1.000		22304692.17		A	0.8
2	☐	1.000					
3	☐	1.000		21300444.92		A	0.2
4	☐	1.000		21341910.55		A	0.9
5	☐	1.000		21387882.25		A	0.3
6	☐	1.000		20691251.85		A	2.7
7	☐	1.000		21371737.28		A	0.5
8	☐	1.000		21310953.25		A	0.7
9	☐	1.000		19533322.66		A	0.7

165 Ho (ISTD) [He]

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	1.000		14898710.33		A	0.2
2	☐	1.000					
3	☐	1.000		14619895.89		A	0.5
4	☐	1.000		14413225.76		A	0.7
5	☐	1.000		14466840.20		A	0.9
6	☐	1.000		14566248.39		A	0.3
7	☐	1.000		14375456.87		A	0.5
8	☐	1.000		14109206.32		A	1.2
9	☐	1.000		13669587.16		A	1.4

209 Bi (ISTD) [No Gas]

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	1.000		14546674.92		A	0.8
2	☐	1.000					
3	☐	1.000		14066803.40		A	0.9
4	☐	1.000		13936910.90		A	0.5
5	☐	1.000		13805208.27		A	1.0
6	☐	1.000		13157481.47		A	2.7
7	☐	1.000		13334652.03		A	0.2
8	☐	1.000		12887833.28		A	0.9
9	☐	1.000		10449158.94		A	0.8

209 Bi (ISTD) [He]

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	1.000		11200474.14		A	0.1
2	☐	1.000					
3	☐	1.000		10971944.42		A	0.9
4	☐	1.000		10683004.98		A	0.6
5	☐	1.000		10639523.31		A	0.3
6	☐	1.000		10449200.54		A	0.6
7	☐	1.000		10038790.96		A	0.5
8	☐	1.000		9564551.59		A	0.3
9	☐	1.000		8226552.51		A	1.3

US EPA Tune Check Sample Report

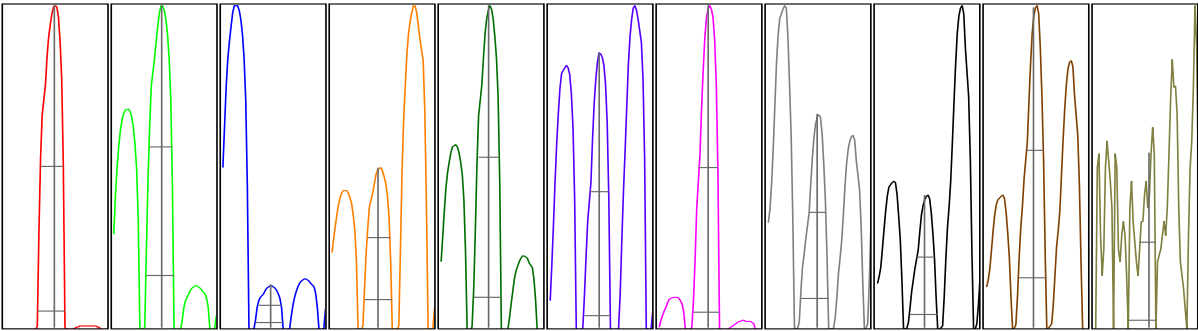
Batch Folder D:\ICP-MS Data\P7022019 MS.b
Report Comment
Instrument Name G8403A JP14410463

[No Gas]

Mass	Count (Mean)	RSD% (Actual)	RSD% (Required)	RSD% (Flag)
9	25281	1.54	5.00	
24	268507	1.71	5.00	
25	37356	1.53	5.00	
26	43183	1.74	5.00	
59	235894	1.76	5.00	
113	26884	1.39	5.00	
115	313934	2.00	5.00	
206	67042	1.50	5.00	
207	63669	1.46	5.00	
208	145286	1.47	5.00	
220	0	25.91		

Mass	Replicate 1 Count	Replicate 2 Count	Replicate 3 Count	Replicate 4 Count	Replicate 5 Count
9	25527	25377	24593	25437	25473
24	270763	270136	260422	269553	271661
25	37319	37802	36384	37621	37654
26	43456	43622	41878	43230	43728
59	237793	237675	228472	237568	237962
113	26956	27114	26227	27093	27029
115	317317	316577	302747	317050	315980
206	67480	67978	65345	67017	67389
207	64195	64301	62032	63864	63950
208	146831	146911	141670	145368	145648
220	0	1	1	0	0

Integration Time [sec] = 0.1



Mass	Peak Height	Axis (Actual)	Axis (Required)	Axis (Flag)	Width-X% (Actual)	Width-X% (Required)	Width- X% (Flag)
9	41203	9.00	8.9 - 9.1		0.788	0.900	
24	427778	23.95	23.9 - 24.1		0.798	0.900	
25	57274	24.95	24.9 - 25.1		0.800	0.900	
26	66444	25.90	25.9 - 26.1		0.796	0.900	
59	392643	58.95	58.9 - 59.1		0.800	0.900	
113	49240	113.00	112.9 - 113.1		0.774	0.900	
115	578635	115.00	114.9 - 115.1		0.768	0.900	
206	124072	206.00	205.9 - 206.1		0.793	0.900	
207	111015	206.95	206.9 - 207.1		0.797	0.900	
208	268015	207.95	207.9 - 208.1		0.791	0.900	
220	1	220.15	-		0.794		

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	6.7	V	Deflect	13.0	V
Extract 2	-165.0	V	Cell Entrance	-30	V	Plate Bias	-35	V
Omega Bias	-90	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	180	V			

[He]

Mass	Count (Mean)	RSD% (Actual)	RSD% (Required)
59	78540	4.72	
89	70004	4.77	
205	80154	2.67	

Mass	Replicate 1 Count	Replicate 2 Count	Replicate 3 Count	Replicate 4 Count	Replicate 5 Count
59	78755	78373	83439	73020	79112
89	70054	70051	74513	65085	70318
205	79858	80181	82880	76949	80904

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	9.6	V	Deflect	1.4	V
Extract 2	-180.0	V	Cell Entrance	-40	V	Plate Bias	-60	V
Omega Bias	-85	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 :	LB100928	Operator :	Jaswal
Lab Sample ID :	S0	Instrumnet Name :	P7
Client Sample ID :	S0	Dilution Factor :	1
Date & Time Acquired ::	2019-02-20 14:08:59	DataFile Name :	004CALB.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	0.05	-0.06	0.01	0.00	N/A	ppb
Antimony	121-1	0.00	0.00	0.00	0.00	N/A	ppb
Arsenic	75-2	0.00	0.00	-0.01	0.00	N/A	ppb
Barium	135-1	-0.01	0.00	0.00	0.00	N/A	ppb
Barium	137-1	0.00	0.00	0.00	0.00	N/A	ppb
Beryllium	9-1	0.00	0.00	0.00	0.00	N/A	ppb
Bismuth	209-1				100		%
Bismuth	209-2				100		%
Boron	10-1	-0.05	-0.03	0.08	0.00	N/A	ppb
Boron	11-1	-0.07	0.03	0.04	0.00	N/A	ppb
Cadmium	111-1	0.03	0.00	-0.03	0.00	N/A	ppb
Cadmium	106-1	0.34	0.06	-0.40	0.00	N/A	ppb
Cadmium	108-1	0.02	-0.02	0.01	0.00	N/A	ppb
Calcium	43-1	1.05	-1.71	0.66	0.00	N/A	ppb
Calcium	44-1	0.35	-0.49	0.13	0.00	N/A	ppb
Chromium	52-2	0.00	-0.02	0.02	0.00	N/A	ppb
Cobalt	59-2	0.00	0.00	0.00	0.00	N/A	ppb
Copper	63-2	0.01	-0.01	0.00	0.00	N/A	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				100		%
Holmium	165-2				100		%
Indium	115-1				100		%
Indium	115-2				100		%
Iron	56-2	-0.01	-0.03	0.04	0.00	N/A	ppb
Iron	57-2	-0.21	-0.06	0.27	0.00	N/A	ppb
Krypton	83-1						cps
Lead	206-1	0.00	0.00	0.00	0.00	N/A	ppb
Lead	207-1	0.00	0.00	0.00	0.00	N/A	ppb
Lead	208-1	0.00	0.00	0.00	0.00	N/A	ppb
Lithium	6-1				100		%
Magnesium	24-2	0.10	-0.04	-0.05	0.00	N/A	ppb

LB Number :	LB100928	Operator :	Jaswal
Lab Sample ID :	S0	Instrumnet Name :	P7
Client Sample ID :	S0	Dilution Factor :	1
Date & Time Acquired ::	2019-02-20 14:08:59	DataFile Name :	004CALB.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	0.00	0.00	0.00	0.00	N/A	ppb
Molybdenum	94-1	0.00	0.00	0.00	0.00	N/A	ppb
Molybdenum	95-1	0.00	0.00	0.00	0.00	N/A	ppb
Molybdenum	96-1	0.00	0.00	0.00	0.00	N/A	ppb
Molybdenum	97-1	0.00	0.00	0.00	0.00	N/A	ppb
Molybdenum	98-1	0.00	0.00	0.00	0.00	N/A	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.00	0.00	0.00	0.00	N/A	ppb
Phosphorus	31-2	-25.58	-26.27	-26.75	-26.20		ppb
Potassium	39-2	0.27	-0.29	0.02	0.00	N/A	ppb
Rhodium	103-1				100		%
Rhodium	103-2				100		%
Scandium	45-1				100		%
Scandium	45-2				100		%
Selenium	77-2	-0.03	-0.03	0.06	0.00	N/A	ppb
Selenium	78-2	-0.09	-0.02	0.11	0.00	N/A	ppb
Selenium	82-1	-0.28	0.19	0.08	0.00	N/A	ppb
Silicon	28-1	-0.26	0.26	0.00	0.00	N/A	ppb
Silver	109-1	0.00	0.00	0.00	0.00	N/A	ppb
Silver	107-1	0.00	0.00	0.00	0.00	N/A	ppb
Sodium	23-2	0.09	-0.17	0.08	0.00	N/A	ppb
Strontium	86-1	-0.02	0.02	0.01	0.00	N/A	ppb
Strontium	88-1	0.00	0.00	0.00	0.00	N/A	ppb
Sulfur	34-1	-142.53	-145.76	-175.58	-154.62		ppb
Terbium	159-1				100		%
Terbium	159-2				100		%
Thallium	203-1	0.00	0.00	0.00	0.00	N/A	ppb
Thallium	205-1	0.00	0.00	0.00	0.00	N/A	ppb
Thorium	232-1	0.00	0.00	0.00	0.00	N/A	ppb
Tin	118-1	0.00	0.00	0.00	0.00	N/A	ppb
Titanium	47-1	-0.01	0.01	0.00	0.00	N/A	ppb
Uranium	238-1	0.00	0.00	0.00	0.00	N/A	ppb
Vanadium	51-2	0.00	0.00	0.00	0.00	N/A	ppb
Yttrium	89-1				100		%
Yttrium	89-2				100		%

LB Number :	LB100928	Operator :	Jaswal
Lab Sample ID :	S0	Instrumnet Name :	P7
Client Sample ID :	S0	Dilution Factor :	1
Date & Time Acquired ::	2019-02-20 14:08:59	DataFile Name :	004CALB.d

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

LB Number :	LB100928	Operator :	Jaswal
Lab Sample ID :	S2	Instrumnet Name :	P7
Client Sample ID :	S2	Dilution Factor :	1
Date & Time Acquired ::	2019-02-20 14:17:23	DataFile Name :	006CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	17.59	17.64	17.05	17.43	1.86	ppb
Antimony	121-1	1.91	1.87	1.84	1.87	1.82	ppb
Arsenic	75-2	0.96	0.97	0.99	0.97	1.79	ppb
Barium	135-1	9.56	10.19	9.45	9.73	4.12	ppb
Barium	137-1	9.37	9.49	9.55	9.47	0.97	ppb
Beryllium	9-1	0.95	0.94	0.99	0.96	2.80	ppb
Bismuth	209-1				97		%
Bismuth	209-2				98		%
Boron	10-1	22.44	23.01	22.90	22.78	1.33	ppb
Boron	11-1	22.72	23.12	23.54	23.13	1.78	ppb
Cadmium	111-1	0.98	0.97	0.94	0.96	2.09	ppb
Cadmium	106-1	1.21	0.78	0.71	0.90	30.14	ppb
Cadmium	108-1	1.03	1.07	1.08	1.06	2.41	ppb
Calcium	43-1	462.60	458.57	458.63	459.93	0.50	ppb
Calcium	44-1	482.61	476.51	473.35	477.49	0.99	ppb
Chromium	52-2	1.85	1.92	1.84	1.87	2.25	ppb
Cobalt	59-2	0.97	0.95	0.95	0.96	0.89	ppb
Copper	63-2	2.04	2.04	2.04	2.04	0.07	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				95		%
Holmium	165-2				98		%
Indium	115-1				96		%
Indium	115-2				99		%
Iron	56-2	54.96	55.27	55.14	55.12	0.28	ppb
Iron	57-2	56.10	57.63	54.11	55.94	3.15	ppb
Krypton	83-1						cps
Lead	206-1	0.89	0.86	0.86	0.87	1.96	ppb
Lead	207-1	0.88	0.84	0.88	0.87	2.27	ppb
Lead	208-1	0.88	0.87	0.87	0.87	0.67	ppb
Lithium	6-1				99		%
Magnesium	24-2	487.47	496.74	485.96	490.05	1.19	ppb

LB Number :	LB100928	Operator :	Jaswal
Lab Sample ID :	S2	Instrumnet Name :	P7
Client Sample ID :	S2	Dilution Factor :	1
Date & Time Acquired ::	2019-02-20 14:17:23	DataFile Name :	006CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	0.99	0.98	0.99	0.99	0.29	ppb
Molybdenum	94-1	4.69	4.61	4.63	4.64	0.87	ppb
Molybdenum	95-1	4.55	4.38	4.52	4.49	2.05	ppb
Molybdenum	96-1	4.42	4.41	4.51	4.44	1.26	ppb
Molybdenum	97-1	4.61	4.46	4.63	4.56	1.96	ppb
Molybdenum	98-1	4.49	4.39	4.50	4.46	1.40	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	1.09	1.08	1.05	1.07	1.95	ppb
Phosphorus	31-2	23.81	21.17	33.62	26.20	25.03	ppb
Potassium	39-2	432.98	433.04	431.53	432.52	0.20	ppb
Rhodium	103-1				96		%
Rhodium	103-2				98		%
Scandium	45-1				97		%
Scandium	45-2				99		%
Selenium	77-2	5.40	4.74	5.43	5.19	7.55	ppb
Selenium	78-2	5.63	5.30	5.36	5.43	3.29	ppb
Selenium	82-1	5.45	5.18	5.33	5.32	2.58	ppb
Silicon	28-1	13.26	12.57	12.35	12.73	3.70	ppb
Silver	109-1	1.17	1.18	1.18	1.18	0.25	ppb
Silver	107-1	1.20	1.19	1.16	1.18	1.62	ppb
Sodium	23-2	452.15	458.50	454.10	454.92	0.71	ppb
Strontium	86-1	0.74	0.81	0.76	0.77	4.57	ppb
Strontium	88-1	0.79	0.80	0.79	0.79	1.06	ppb
Sulfur	34-1	206.38	107.54	149.95	154.62	32.07	ppb
Terbium	159-1				97		%
Terbium	159-2				99		%
Thallium	203-1	0.84	0.83	0.84	0.84	0.39	ppb
Thallium	205-1	0.88	0.86	0.86	0.87	1.79	ppb
Thorium	232-1	0.82	0.79	0.80	0.80	2.13	ppb
Tin	118-1	4.86	4.96	4.98	4.93	1.29	ppb
Titanium	47-1	4.68	4.60	4.75	4.68	1.62	ppb
Uranium	238-1	0.85	0.86	0.83	0.84	1.49	ppb
Vanadium	51-2	4.72	4.89	4.78	4.80	1.74	ppb
Yttrium	89-1				96		%
Yttrium	89-2				99		%

LB Number :	LB100928	Operator :	Jaswal
Lab Sample ID :	S2	Instrumnet Name :	P7
Client Sample ID :	S2	Dilution Factor :	1
Date & Time Acquired ::	2019-02-20 14:17:23	DataFile Name :	006CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zinc	66-2	2.85	2.82	2.90	2.86	1.48	ppb
Zirconium	90-1	0.91	0.91	0.92	0.91	0.72	ppb
Zirconium	91-1	0.89	0.93	0.94	0.92	3.03	ppb

LB Number :	LB100928	Operator :	Jaswal
Lab Sample ID :	S3	Instrumnet Name :	P7
Client Sample ID :	S3	Dilution Factor :	1
Date & Time Acquired ::	2019-02-20 14:21:18	DataFile Name :	007CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	967.38	954.55	969.21	963.71	0.83	ppb
Antimony	121-1	52.19	52.64	52.49	52.44	0.44	ppb
Arsenic	75-2	52.54	52.74	53.10	52.79	0.54	ppb
Barium	135-1	255.48	260.42	256.47	257.46	1.01	ppb
Barium	137-1	254.55	262.11	255.61	257.42	1.59	ppb
Beryllium	9-1	53.21	53.61	52.84	53.22	0.73	ppb
Bismuth	209-1				96		%
Bismuth	209-2				95		%
Boron	10-1	51.02	49.67	51.03	50.57	1.55	ppb
Boron	11-1	50.03	50.19	51.52	50.58	1.62	ppb
Cadmium	111-1	54.92	55.27	55.08	55.09	0.32	ppb
Cadmium	106-1	53.01	56.73	56.59	55.44	3.80	ppb
Cadmium	108-1	55.02	55.34	54.68	55.01	0.60	ppb
Calcium	43-1	5079.86	5066.35	5124.25	5090.15	0.60	ppb
Calcium	44-1	5024.14	4984.60	5012.00	5006.91	0.40	ppb
Chromium	52-2	51.19	50.28	50.55	50.67	0.93	ppb
Cobalt	59-2	52.60	52.15	51.81	52.19	0.76	ppb
Copper	63-2	109.03	108.29	108.12	108.48	0.45	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				96		%
Holmium	165-2				97		%
Indium	115-1				94		%
Indium	115-2				95		%
Iron	56-2	2702.61	2689.74	2683.91	2692.08	0.36	ppb
Iron	57-2	2679.23	2689.64	2713.55	2694.14	0.65	ppb
Krypton	83-1						cps
Lead	206-1	47.60	49.48	49.66	48.91	2.33	ppb
Lead	207-1	48.68	48.58	49.53	48.93	1.07	ppb
Lead	208-1	48.80	49.31	49.63	49.25	0.84	ppb
Lithium	6-1				98		%
Magnesium	24-2	5266.43	5104.51	5192.37	5187.77	1.56	ppb

LB Number :	LB100928	Operator :	Jaswal
Lab Sample ID :	S3	Instrumnet Name :	P7
Client Sample ID :	S3	Dilution Factor :	1
Date & Time Acquired ::	2019-02-20 14:21:18	DataFile Name :	007CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	102.37	101.36	101.64	101.79	0.51	ppb
Molybdenum	94-1	249.81	253.15	252.95	251.97	0.74	ppb
Molybdenum	95-1	243.29	250.19	253.53	249.00	2.10	ppb
Molybdenum	96-1	247.35	253.09	252.06	250.83	1.22	ppb
Molybdenum	97-1	245.74	253.48	251.64	250.29	1.62	ppb
Molybdenum	98-1	251.83	256.18	252.70	253.57	0.91	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	54.57	53.73	53.51	53.94	1.04	ppb
Phosphorus	31-2	1014.35	1009.16	1013.19	1012.23	0.27	ppb
Potassium	39-2	2362.27	2340.52	2361.08	2354.62	0.52	ppb
Rhodium	103-1				95		%
Rhodium	103-2				94		%
Scandium	45-1				95		%
Scandium	45-2				96		%
Selenium	77-2	51.93	54.91	53.64	53.49	2.79	ppb
Selenium	78-2	52.51	55.14	54.95	54.20	2.71	ppb
Selenium	82-1	55.44	56.95	55.78	56.06	1.41	ppb
Silicon	28-1	68.75	67.34	71.39	69.16	2.98	ppb
Silver	109-1	54.59	55.23	55.67	55.17	0.99	ppb
Silver	107-1	54.86	56.16	55.36	55.46	1.19	ppb
Sodium	23-2	4926.91	4897.84	4896.20	4906.98	0.35	ppb
Strontium	86-1	50.53	50.82	51.39	50.91	0.87	ppb
Strontium	88-1	50.23	50.70	51.02	50.65	0.78	ppb
Sulfur	34-1	1188.91	1095.16	1195.00	1159.69	4.83	ppb
Terbium	159-1				97		%
Terbium	159-2				98		%
Thallium	203-1	48.08	49.32	49.62	49.01	1.67	ppb
Thallium	205-1	48.61	49.22	49.45	49.09	0.88	ppb
Thorium	232-1	46.32	46.61	46.66	46.53	0.40	ppb
Tin	118-1	51.30	52.87	52.14	52.10	1.52	ppb
Titanium	47-1	251.32	251.61	253.64	252.19	0.50	ppb
Uranium	238-1	46.18	47.63	47.16	46.99	1.58	ppb
Vanadium	51-2	49.93	49.81	50.10	49.95	0.28	ppb
Yttrium	89-1				95		%
Yttrium	89-2				96		%

LB Number :	LB100928	Operator :	Jaswal
Lab Sample ID :	S3	Instrumnet Name :	P7
Client Sample ID :	S3	Dilution Factor :	1
Date & Time Acquired ::	2019-02-20 14:21:18	DataFile Name :	007CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zinc	66-2	117.31	115.75	114.45	115.84	1.23	ppb
Zirconium	90-1	49.80	49.58	50.59	49.99	1.06	ppb
Zirconium	91-1	49.19	48.75	51.18	49.71	2.61	ppb

LB Number :	LB100928	Operator :	Jaswal
Lab Sample ID :	S4	Instrumnet Name :	P7
Client Sample ID :	S4	Dilution Factor :	1
Date & Time Acquired ::	2019-02-20 14:25:13	DataFile Name :	008CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	2397.30	2461.36	2416.65	2425.10	1.35	ppb
Antimony	121-1	128.50	129.32	129.47	129.10	0.40	ppb
Arsenic	75-2	130.96	129.85	130.81	130.54	0.46	ppb
Barium	135-1	636.86	639.54	652.01	642.80	1.26	ppb
Barium	137-1	633.38	644.57	646.74	641.56	1.12	ppb
Beryllium	9-1	132.01	132.04	133.42	132.49	0.61	ppb
Bismuth	209-1				95		%
Bismuth	209-2				95		%
Boron	10-1	124.73	127.26	129.98	127.32	2.06	ppb
Boron	11-1	123.62	127.03	128.59	126.42	2.01	ppb
Cadmium	111-1	133.17	134.53	135.97	134.55	1.04	ppb
Cadmium	106-1	134.36	137.08	133.65	135.03	1.34	ppb
Cadmium	108-1	135.82	136.84	132.93	135.20	1.50	ppb
Calcium	43-1	12792.58	12763.46	12746.20	12767.41	0.18	ppb
Calcium	44-1	12556.16	12545.09	12550.49	12550.58	0.04	ppb
Chromium	52-2	125.86	129.29	126.43	127.20	1.45	ppb
Cobalt	59-2	130.77	132.48	130.95	131.40	0.71	ppb
Copper	63-2	268.72	272.38	270.98	270.69	0.68	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				97		%
Indium	115-1				93		%
Indium	115-2				96		%
Iron	56-2	6653.88	6924.29	6781.41	6786.52	1.99	ppb
Iron	57-2	6726.02	6811.70	6699.85	6745.86	0.87	ppb
Krypton	83-1						cps
Lead	206-1	121.71	122.52	123.14	122.46	0.59	ppb
Lead	207-1	121.42	121.91	122.72	122.02	0.54	ppb
Lead	208-1	122.27	123.10	123.21	122.86	0.42	ppb
Lithium	6-1				96		%
Magnesium	24-2	12955.11	13018.71	12833.97	12935.93	0.73	ppb

LB Number :	LB100928	Operator :	Jaswal
Lab Sample ID :	S4	Instrumnet Name :	P7
Client Sample ID :	S4	Dilution Factor :	1
Date & Time Acquired ::	2019-02-20 14:25:13	DataFile Name :	008CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	252.80	260.65	255.40	256.28	1.56	ppb
Molybdenum	94-1	620.06	614.79	621.11	618.65	0.55	ppb
Molybdenum	95-1	620.21	617.78	619.39	619.12	0.20	ppb
Molybdenum	96-1	625.80	619.39	615.93	620.37	0.81	ppb
Molybdenum	97-1	626.54	629.15	633.37	629.68	0.55	ppb
Molybdenum	98-1	621.95	622.55	623.74	622.75	0.15	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	134.22	137.17	135.77	135.72	1.09	ppb
Phosphorus	31-2	2560.66	2587.32	2614.18	2587.39	1.03	ppb
Potassium	39-2	5806.88	5858.83	5766.06	5810.59	0.80	ppb
Rhodium	103-1				93		%
Rhodium	103-2				93		%
Scandium	45-1				93		%
Scandium	45-2				94		%
Selenium	77-2	137.98	139.99	132.90	136.96	2.67	ppb
Selenium	78-2	130.50	135.26	136.57	134.11	2.38	ppb
Selenium	82-1	135.08	137.47	137.11	136.55	0.94	ppb
Silicon	28-1	166.27	168.52	167.90	167.56	0.69	ppb
Silver	109-1	136.17	135.80	138.01	136.66	0.86	ppb
Silver	107-1	136.26	137.50	136.80	136.85	0.46	ppb
Sodium	23-2	12218.50	12421.07	12278.80	12306.12	0.85	ppb
Strontium	86-1	124.70	126.76	128.91	126.79	1.66	ppb
Strontium	88-1	123.03	124.09	125.26	124.12	0.90	ppb
Sulfur	34-1	2569.43	2389.13	2359.50	2439.35	4.66	ppb
Terbium	159-1				97		%
Terbium	159-2				98		%
Thallium	203-1	122.88	122.75	124.36	123.33	0.73	ppb
Thallium	205-1	123.38	121.16	122.75	122.43	0.93	ppb
Thorium	232-1	117.55	116.10	117.67	117.11	0.75	ppb
Tin	118-1	128.54	128.94	127.36	128.28	0.64	ppb
Titanium	47-1	639.62	624.32	637.01	633.65	1.29	ppb
Uranium	238-1	118.19	116.30	116.91	117.13	0.82	ppb
Vanadium	51-2	125.23	127.14	126.25	126.21	0.76	ppb
Yttrium	89-1				94		%
Yttrium	89-2				96		%

LB Number :	LB100928	Operator :	Jaswal
Lab Sample ID :	S4	Instrumnet Name :	P7
Client Sample ID :	S4	Dilution Factor :	1
Date & Time Acquired ::	2019-02-20 14:25:13	DataFile Name :	008CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zinc	66-2	277.80	284.33	282.87	281.67	1.22	ppb
Zirconium	90-1	124.07	125.16	126.20	125.14	0.85	ppb
Zirconium	91-1	126.04	124.08	125.12	125.08	0.79	ppb

LB Number : LB100928 Operator : Jaswal
 Lab Sample ID : S5 Instrumnet Name : P7
 Client Sample ID : S5 Dilution Factor : 1
 Date & Time Acquired :: 2019-02-20 14:29:01 DataFile Name : 009CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	4719.23	4828.77	4797.32	4781.77	1.18	ppb
Antimony	121-1	271.79	269.84	255.00	265.54	3.46	ppb
Arsenic	75-2	259.70	258.27	257.92	258.63	0.37	ppb
Barium	135-1	1316.67	1306.52	1219.76	1280.98	4.16	ppb
Barium	137-1	1317.92	1317.82	1236.60	1290.78	3.64	ppb
Beryllium	9-1	272.97	272.21	259.09	268.09	2.91	ppb
Bismuth	209-1				90		%
Bismuth	209-2				93		%
Boron	10-1	260.72	260.63	251.29	257.55	2.10	ppb
Boron	11-1	259.07	258.08	253.03	256.73	1.26	ppb
Cadmium	111-1	278.57	277.35	263.17	273.03	3.14	ppb
Cadmium	106-1	275.16	276.08	262.39	271.21	2.82	ppb
Cadmium	108-1	278.27	277.21	263.40	272.96	3.04	ppb
Calcium	43-1	26608.21	26804.37	24931.43	26114.67	3.94	ppb
Calcium	44-1	26528.40	26354.36	24249.70	25710.82	4.93	ppb
Chromium	52-2	253.92	253.33	252.11	253.12	0.36	ppb
Cobalt	59-2	257.79	257.21	262.48	259.16	1.11	ppb
Copper	63-2	530.31	522.04	527.95	526.77	0.81	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				98		%
Indium	115-1				89		%
Indium	115-2				94		%
Iron	56-2	13468.89	13287.73	13394.69	13383.77	0.68	ppb
Iron	57-2	13425.08	13418.28	13479.65	13441.00	0.25	ppb
Krypton	83-1						cps
Lead	206-1	260.82	259.59	246.72	255.71	3.05	ppb
Lead	207-1	258.55	261.75	247.74	256.01	2.87	ppb
Lead	208-1	259.27	258.35	245.39	254.34	3.05	ppb
Lithium	6-1				92		%
Magnesium	24-2	25589.16	25609.50	25648.03	25615.56	0.12	ppb

LB Number :	LB100928	Operator :	Jaswal
Lab Sample ID :	S5	Instrumnet Name :	P7
Client Sample ID :	S5	Dilution Factor :	1
Date & Time Acquired ::	2019-02-20 14:29:01	DataFile Name :	009CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	508.36	509.05	513.59	510.33	0.56	ppb
Molybdenum	94-1	1321.61	1311.88	1240.88	1291.46	3.41	ppb
Molybdenum	95-1	1306.20	1286.36	1231.20	1274.59	3.05	ppb
Molybdenum	96-1	1319.07	1283.43	1229.44	1277.31	3.53	ppb
Molybdenum	97-1	1304.57	1294.97	1246.35	1281.96	2.44	ppb
Molybdenum	98-1	1302.89	1299.25	1240.40	1280.85	2.74	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	265.73	263.90	267.11	265.58	0.61	ppb
Phosphorus	31-2	5111.81	5233.03	5179.99	5174.94	1.17	ppb
Potassium	39-2	11437.51	11575.79	11551.21	11521.50	0.64	ppb
Rhodium	103-1				88		%
Rhodium	103-2				93		%
Scandium	45-1				89		%
Scandium	45-2				94		%
Selenium	77-2	272.28	267.39	265.52	268.40	1.30	ppb
Selenium	78-2	263.98	268.90	263.53	265.47	1.12	ppb
Selenium	82-1	282.05	276.99	266.81	275.29	2.82	ppb
Silicon	28-1	277.98	280.60	256.59	271.72	4.85	ppb
Silver	109-1	275.24	274.72	258.94	269.63	3.44	ppb
Silver	107-1	272.32	275.20	261.01	269.51	2.78	ppb
Sodium	23-2	24606.43	24483.99	24464.43	24518.28	0.31	ppb
Strontium	86-1	264.91	264.02	251.73	260.22	2.83	ppb
Strontium	88-1	262.26	259.56	247.82	256.55	2.99	ppb
Sulfur	34-1	5311.38	5149.80	4412.98	4958.05	9.66	ppb
Terbium	159-1				94		%
Terbium	159-2				99		%
Thallium	203-1	264.20	258.28	251.52	258.00	2.46	ppb
Thallium	205-1	259.79	256.54	244.28	253.53	3.23	ppb
Thorium	232-1	251.36	250.13	234.82	245.44	3.75	ppb
Tin	118-1	264.34	266.94	250.88	260.72	3.31	ppb
Titanium	47-1	1333.90	1329.39	1250.83	1304.71	3.58	ppb
Uranium	238-1	250.84	253.45	238.18	247.49	3.30	ppb
Vanadium	51-2	252.63	252.39	252.37	252.46	0.06	ppb
Yttrium	89-1				91		%
Yttrium	89-2				96		%

LB Number :	LB100928	Operator :	Jaswal
Lab Sample ID :	S5	Instrumnet Name :	P7
Client Sample ID :	S5	Dilution Factor :	1
Date & Time Acquired ::	2019-02-20 14:29:01	DataFile Name :	009CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zinc	66-2	545.07	546.44	546.60	546.04	0.15	ppb
Zirconium	90-1	262.57	260.96	242.69	255.41	4.32	ppb
Zirconium	91-1	262.28	261.62	245.76	256.55	3.65	ppb

LB Number :	LB100928	Operator :	Jaswal
Lab Sample ID :	S6	Instrumnet Name :	P7
Client Sample ID :	S6	Dilution Factor :	1
Date & Time Acquired ::	2019-02-20 14:32:46	DataFile Name :	010CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	9598.15	9437.74	9393.46	9476.45	1.14	ppb
Antimony	121-1	513.00	505.37	508.41	508.93	0.75	ppb
Arsenic	75-2	511.95	508.21	502.99	507.72	0.89	ppb
Barium	135-1	2533.66	2513.30	2474.48	2507.15	1.20	ppb
Barium	137-1	2538.00	2531.47	2521.07	2530.18	0.34	ppb
Beryllium	9-1	514.38	505.21	518.94	512.84	1.36	ppb
Bismuth	209-1				92		%
Bismuth	209-2				90		%
Boron	10-1	498.30	493.70	513.91	501.97	2.11	ppb
Boron	11-1	500.20	498.12	513.91	504.08	1.70	ppb
Cadmium	111-1	511.34	515.00	505.90	510.75	0.90	ppb
Cadmium	106-1	509.53	512.40	509.21	510.38	0.34	ppb
Cadmium	108-1	509.78	514.85	517.60	514.08	0.77	ppb
Calcium	43-1	50298.35	49326.19	49851.90	49825.48	0.98	ppb
Calcium	44-1	49314.29	49007.87	48579.53	48967.23	0.75	ppb
Chromium	52-2	502.71	498.56	499.87	500.38	0.42	ppb
Cobalt	59-2	513.43	503.14	500.04	505.54	1.39	ppb
Copper	63-2	1035.50	1019.76	1022.84	1026.03	0.81	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				96		%
Holmium	165-2				96		%
Indium	115-1				91		%
Indium	115-2				91		%
Iron	56-2	26733.95	26491.46	26396.20	26540.54	0.66	ppb
Iron	57-2	26908.35	26265.79	26414.64	26529.59	1.27	ppb
Krypton	83-1						cps
Lead	206-1	498.05	491.54	495.06	494.88	0.66	ppb
Lead	207-1	493.66	498.38	498.81	496.95	0.58	ppb
Lead	208-1	495.83	492.20	493.85	493.96	0.37	ppb
Lithium	6-1				94		%
Magnesium	24-2	50782.03	50443.22	50840.39	50688.55	0.42	ppb

LB Number :	LB100928	Operator :	Jaswal
Lab Sample ID :	S6	Instrumnet Name :	P7
Client Sample ID :	S6	Dilution Factor :	1
Date & Time Acquired ::	2019-02-20 14:32:46	DataFile Name :	010CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	1025.57	1000.91	1001.87	1009.45	1.38	ppb
Molybdenum	94-1	2537.35	2487.15	2495.02	2506.51	1.08	ppb
Molybdenum	95-1	2512.48	2467.79	2460.27	2480.18	1.14	ppb
Molybdenum	96-1	2511.89	2465.07	2471.29	2482.75	1.02	ppb
Molybdenum	97-1	2518.68	2454.17	2457.16	2476.67	1.47	ppb
Molybdenum	98-1	2532.02	2452.32	2482.84	2489.06	1.62	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	517.47	508.64	508.34	511.48	1.01	ppb
Phosphorus	31-2	10214.96	10117.26	10050.30	10127.51	0.82	ppb
Potassium	39-2	23349.96	22971.78	23206.08	23175.94	0.82	ppb
Rhodium	103-1				89		%
Rhodium	103-2				89		%
Scandium	45-1				93		%
Scandium	45-2				93		%
Selenium	77-2	518.34	521.85	508.61	516.27	1.33	ppb
Selenium	78-2	518.87	521.90	511.32	517.36	1.05	ppb
Selenium	82-1	512.58	508.13	512.08	510.93	0.48	ppb
Silicon	28-1	514.29	499.83	502.41	505.51	1.53	ppb
Silver	109-1	518.41	507.89	514.41	513.57	1.03	ppb
Silver	107-1	513.74	510.32	513.58	512.55	0.38	ppb
Sodium	23-2	48834.01	48037.46	48687.85	48519.77	0.87	ppb
Strontium	86-1	503.92	498.43	501.32	501.22	0.55	ppb
Strontium	88-1	503.00	493.61	495.38	497.33	1.00	ppb
Sulfur	34-1	9668.41	9409.41	9389.09	9488.97	1.64	ppb
Terbium	159-1				96		%
Terbium	159-2				97		%
Thallium	203-1	496.00	487.57	492.10	491.89	0.86	ppb
Thallium	205-1	495.52	490.94	500.43	495.63	0.96	ppb
Thorium	232-1	484.69	488.90	486.75	486.78	0.43	ppb
Tin	118-1	502.72	499.40	506.49	502.87	0.71	ppb
Titanium	47-1	2519.56	2477.20	2457.90	2484.89	1.27	ppb
Uranium	238-1	488.12	488.03	489.11	488.42	0.12	ppb
Vanadium	51-2	500.75	500.31	499.82	500.29	0.09	ppb
Yttrium	89-1				94		%
Yttrium	89-2				94		%

LB Number :	LB100928	Operator :	Jaswal
Lab Sample ID :	S6	Instrumnet Name :	P7
Client Sample ID :	S6	Dilution Factor :	1
Date & Time Acquired ::	2019-02-20 14:32:46	DataFile Name :	010CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zinc	66-2	1049.16	1042.50	1050.12	1047.26	0.40	ppb
Zirconium	90-1	499.72	490.47	495.63	495.27	0.94	ppb
Zirconium	91-1	498.77	493.78	500.95	497.83	0.74	ppb

LB Number :	LB100928	Operator :	Jaswal
Lab Sample ID :	S7	Instrumnet Name :	P7
Client Sample ID :	S7	Dilution Factor :	1
Date & Time Acquired ::	2019-02-20 14:36:33	DataFile Name :	011CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	19183.31	18961.88	19209.35	19118.18	0.71	ppb
Antimony	121-1	988.13	992.24	992.68	991.02	0.25	ppb
Arsenic	75-2	991.30	995.37	992.79	993.15	0.21	ppb
Barium	135-1	5005.35	4973.07	4979.83	4986.08	0.34	ppb
Barium	137-1	4998.67	4954.70	4963.46	4972.28	0.47	ppb
Beryllium	9-1	976.94	998.33	988.61	987.96	1.08	ppb
Bismuth	209-1				89		%
Bismuth	209-2				85		%
Boron	10-1	977.42	1002.41	1010.76	996.86	1.74	ppb
Boron	11-1	974.30	1004.52	1009.54	996.12	1.91	ppb
Cadmium	111-1	990.25	983.30	988.72	987.42	0.37	ppb
Cadmium	106-1	996.25	977.65	990.03	987.98	0.96	ppb
Cadmium	108-1	974.76	989.62	992.71	985.70	0.97	ppb
Calcium	43-1	98479.68	99431.53	99781.68	99230.97	0.68	ppb
Calcium	44-1	98759.55	99344.50	98274.30	98792.79	0.54	ppb
Chromium	52-2	996.49	1000.67	999.01	998.72	0.21	ppb
Cobalt	59-2	992.22	997.94	991.94	994.03	0.34	ppb
Copper	63-2	2002.08	1992.21	1937.56	1977.28	1.76	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				96		%
Holmium	165-2				95		%
Indium	115-1				88		%
Indium	115-2				87		%
Iron	56-2	52418.99	52399.68	52286.89	52368.52	0.14	ppb
Iron	57-2	52461.37	51972.52	52735.38	52389.76	0.74	ppb
Krypton	83-1						cps
Lead	206-1	1001.27	989.06	1014.18	1001.50	1.25	ppb
Lead	207-1	1006.07	995.19	1000.08	1000.45	0.54	ppb
Lead	208-1	1006.08	998.15	1002.50	1002.24	0.40	ppb
Lithium	6-1				93		%
Magnesium	24-2	101712.43	101858.20	100123.44	101231.36	0.95	ppb

LB Number :	LB100928	Operator :	Jaswal
Lab Sample ID :	S7	Instrumnet Name :	P7
Client Sample ID :	S7	Dilution Factor :	1
Date & Time Acquired ::	2019-02-20 14:36:33	DataFile Name :	011CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	2002.71	1987.70	1985.04	1991.82	0.48	ppb
Molybdenum	94-1	5010.12	4989.35	4961.76	4987.08	0.49	ppb
Molybdenum	95-1	5027.07	5021.40	4965.17	5004.55	0.68	ppb
Molybdenum	96-1	5012.00	4996.29	4998.71	5002.33	0.17	ppb
Molybdenum	97-1	5088.61	4960.87	4959.74	5003.07	1.48	ppb
Molybdenum	98-1	4994.40	5048.58	4950.59	4997.86	0.98	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	983.91	992.40	990.17	988.83	0.45	ppb
Phosphorus	31-2	19764.96	19887.69	19990.27	19880.97	0.57	ppb
Potassium	39-2	46199.05	45827.20	46652.33	46226.19	0.89	ppb
Rhodium	103-1				85		%
Rhodium	103-2				86		%
Scandium	45-1				91		%
Scandium	45-2				92		%
Selenium	77-2	983.55	988.59	984.64	985.60	0.27	ppb
Selenium	78-2	985.21	989.85	983.24	986.10	0.34	ppb
Selenium	82-1	985.73	985.78	987.88	986.46	0.12	ppb
Silicon	28-1	979.61	985.41	991.50	985.51	0.60	ppb
Silver	109-1	994.27	976.14	989.36	986.59	0.95	ppb
Silver	107-1	983.81	987.79	989.69	987.09	0.30	ppb
Sodium	23-2	96927.37	97260.72	97618.42	97268.84	0.36	ppb
Strontium	86-1	1002.32	996.24	991.13	996.56	0.56	ppb
Strontium	88-1	1001.55	997.01	1000.77	999.78	0.24	ppb
Sulfur	34-1	20125.34	20578.82	20092.64	20265.60	1.34	ppb
Terbium	159-1				96		%
Terbium	159-2				95		%
Thallium	203-1	1003.23	984.08	1019.62	1002.31	1.78	ppb
Thallium	205-1	1006.34	991.92	1006.75	1001.67	0.84	ppb
Thorium	232-1	1026.70	987.33	1012.69	1008.91	1.98	ppb
Tin	118-1	1008.11	988.30	989.70	995.37	1.11	ppb
Titanium	47-1	4993.13	4975.78	5009.16	4992.69	0.33	ppb
Uranium	238-1	1018.78	987.19	1016.69	1007.55	1.75	ppb
Vanadium	51-2	1002.90	1000.10	994.27	999.09	0.44	ppb
Yttrium	89-1				92		%
Yttrium	89-2				92		%

LB Number :	LB100928	Operator :	Jaswal
Lab Sample ID :	S7	Instrumnet Name :	P7
Client Sample ID :	S7	Dilution Factor :	1
Date & Time Acquired ::	2019-02-20 14:36:33	DataFile Name :	011CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zinc	66-2	1956.06	1979.30	1944.97	1960.11	0.89	ppb
Zirconium	90-1	1000.43	1003.79	998.77	1001.00	0.26	ppb
Zirconium	91-1	1005.75	997.82	994.78	999.45	0.57	ppb

LB Number :	LB100928	Operator :	Jaswal
Lab Sample ID :	S8	Instrumnet Name :	P7
Client Sample ID :	S8	Dilution Factor :	1
Date & Time Acquired ::	2019-02-20 14:40:23	DataFile Name :	012CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	99976.36	100322.16	100427.08	100241.87	0.24	ppb
Antimony	121-1	1.20	1.16	1.18	1.18	1.94	ppb
Arsenic	75-2	1.37	1.33	1.39	1.36	2.27	ppb
Barium	135-1	0.97	0.89	0.84	0.90	7.27	ppb
Barium	137-1	0.98	0.93	0.87	0.93	5.76	ppb
Beryllium	9-1	0.11	0.11	0.10	0.11	2.20	ppb
Bismuth	209-1				72		%
Bismuth	209-2				73		%
Boron	10-1	32.07	28.10	25.79	28.66	11.09	ppb
Boron	11-1	31.71	28.63	26.43	28.92	9.18	ppb
Cadmium	111-1	0.27	0.21	0.19	0.22	18.47	ppb
Cadmium	106-1	1.53	1.11	0.91	1.18	26.72	ppb
Cadmium	108-1	0.19	0.31	0.24	0.25	25.35	ppb
Calcium	43-1	504470.70	504866.66	490986.57	500107.98	1.58	ppb
Calcium	44-1	501420.38	502291.23	497212.00	500307.87	0.54	ppb
Chromium	52-2	17.42	17.44	17.46	17.44	0.12	ppb
Cobalt	59-2	10.98	10.92	11.13	11.01	0.98	ppb
Copper	63-2	2.79	2.76	2.80	2.78	0.75	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				88		%
Holmium	165-2				92		%
Indium	115-1				83		%
Indium	115-2				90		%
Iron	56-2	252110.13	246780.47	249047.56	249312.72	1.07	ppb
Iron	57-2	248718.67	247199.16	252005.28	249307.70	0.99	ppb
Krypton	83-1						cps
Lead	206-1	1.68	1.68	1.75	1.71	2.07	ppb
Lead	207-1	1.56	1.60	1.58	1.58	1.37	ppb
Lead	208-1	1.64	1.63	1.63	1.63	0.38	ppb
Lithium	6-1				84		%
Magnesium	24-2	501694.33	495972.01	501257.65	499641.33	0.64	ppb

LB Number :	LB100928	Operator :	Jaswal
Lab Sample ID :	S8	Instrumnet Name :	P7
Client Sample ID :	S8	Dilution Factor :	1
Date & Time Acquired ::	2019-02-20 14:40:23	DataFile Name :	012CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	9.70	9.69	9.79	9.73	0.56	ppb
Molybdenum	94-1	3.58	3.47	3.43	3.49	2.18	ppb
Molybdenum	95-1	4.21	4.01	4.04	4.08	2.65	ppb
Molybdenum	96-1	5.35	5.34	5.12	5.27	2.47	ppb
Molybdenum	97-1	4.20	3.75	3.98	3.98	5.69	ppb
Molybdenum	98-1	4.12	3.81	3.83	3.92	4.33	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	18.29	18.23	18.29	18.27	0.17	ppb
Phosphorus	31-2	-11.18	-15.00	-15.27	-13.82		ppb
Potassium	39-2	251783.64	249516.70	251695.67	250998.67	0.51	ppb
Rhodium	103-1				77		%
Rhodium	103-2				80		%
Scandium	45-1				91		%
Scandium	45-2				102		%
Selenium	77-2	0.33	0.50	0.33	0.39	25.98	ppb
Selenium	78-2	0.86	0.63	0.63	0.71	18.90	ppb
Selenium	82-1	0.27	0.86	0.31	0.48	69.46	ppb
Silicon	28-1	59.49	61.55	59.36	60.14	2.04	ppb
Silver	109-1	0.09	0.08	0.08	0.08	2.99	ppb
Silver	107-1	0.09	0.09	0.08	0.09	9.12	ppb
Sodium	23-2	493789.33	500653.52	507729.64	500724.16	1.39	ppb
Strontium	86-1	3.87	3.88	3.93	3.89	0.78	ppb
Strontium	88-1	3.89	3.85	3.81	3.85	1.03	ppb
Sulfur	34-1	-24.03	81.40	108.56	55.31	126.62	ppb
Terbium	159-1				88		%
Terbium	159-2				93		%
Thallium	203-1	0.27	0.23	0.24	0.25	8.80	ppb
Thallium	205-1	0.27	0.25	0.24	0.25	5.03	ppb
Thorium	232-1	0.21	0.20	0.18	0.20	7.26	ppb
Tin	118-1	0.84	0.83	0.83	0.84	0.63	ppb
Titanium	47-1	1.57	1.54	1.56	1.55	0.73	ppb
Uranium	238-1	0.14	0.13	0.12	0.13	9.26	ppb
Vanadium	51-2	0.25	0.25	0.24	0.25	2.08	ppb
Yttrium	89-1				90		%
Yttrium	89-2				97		%

LB Number :	LB100928	Operator :	Jaswal
Lab Sample ID :	S8	Instrumnet Name :	P7
Client Sample ID :	S8	Dilution Factor :	1
Date & Time Acquired ::	2019-02-20 14:40:23	DataFile Name :	012CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zinc	66-2	15.64	15.58	15.86	15.69	0.93	ppb
Zirconium	90-1	0.35	0.34	0.35	0.35	0.36	ppb
Zirconium	91-1	0.33	0.33	0.36	0.34	4.43	ppb

LB Number :	LB100928	Operator :	Jaswal
Lab Sample ID :	ICV01	Instrumnet Name :	P7
Client Sample ID :	ICV01	Dilution Factor :	1
Date & Time Acquired ::	2019-02-20 14:46:48	DataFile Name :	013ICV01.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	470.90	474.64	471.95	472.50	0.41	ppb
Antimony	121-1	195.12	201.49	197.95	198.19	1.61	ppb
Arsenic	75-2	202.64	201.97	205.95	203.52	1.04	ppb
Barium	135-1	97.20	99.08	99.19	98.49	1.14	ppb
Barium	137-1	97.16	100.23	99.13	98.84	1.57	ppb
Beryllium	9-1	98.99	99.05	99.11	99.05	0.06	ppb
Bismuth	209-1				96		%
Bismuth	209-2				98		%
Boron	10-1	8.10	7.78	7.64	7.84	3.04	ppb
Boron	11-1	8.37	7.89	7.76	8.01	4.02	ppb
Cadmium	111-1	103.84	105.89	104.97	104.90	0.98	ppb
Cadmium	106-1	82.55	85.30	84.25	84.03	1.65	ppb
Cadmium	108-1	118.43	117.06	117.99	117.83	0.59	ppb
Calcium	43-1	1895.34	1906.42	1885.34	1895.70	0.56	ppb
Calcium	44-1	2014.43	2035.40	2027.92	2025.92	0.52	ppb
Chromium	52-2	92.66	94.94	93.95	93.85	1.22	ppb
Cobalt	59-2	96.71	98.83	98.29	97.95	1.12	ppb
Copper	63-2	100.71	102.38	101.57	101.55	0.82	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				97		%
Holmium	165-2				101		%
Indium	115-1				99		%
Indium	115-2				102		%
Iron	56-2	1017.72	1033.95	1025.82	1025.83	0.79	ppb
Iron	57-2	1006.64	1023.91	1023.79	1018.11	0.98	ppb
Krypton	83-1						cps
Lead	206-1	203.93	209.27	210.57	207.92	1.69	ppb
Lead	207-1	198.58	202.67	201.47	200.91	1.05	ppb
Lead	208-1	203.10	206.30	205.42	204.94	0.81	ppb
Lithium	6-1				96		%
Magnesium	24-2	1162.92	1176.42	1167.18	1168.84	0.59	ppb

LB Number :	LB100928	Operator :	Jaswal
Lab Sample ID :	ICV01	Instrumnet Name :	P7
Client Sample ID :	ICV01	Dilution Factor :	1
Date & Time Acquired ::	2019-02-20 14:46:48	DataFile Name :	013ICV01.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	93.16	94.43	94.69	94.09	0.87	ppb
Molybdenum	94-1	1688.46	1712.16	1702.30	1700.97	0.70	ppb
Molybdenum	95-1	2376.35	2316.38	2372.43	2355.05	1.42	ppb
Molybdenum	96-1	2271.62	2257.55	2277.77	2268.98	0.46	ppb
Molybdenum	97-1	2362.70	2325.23	2356.20	2348.04	0.85	ppb
Molybdenum	98-1	2354.41	2366.81	2343.34	2354.85	0.50	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	100.55	102.94	102.84	102.11	1.32	ppb
Phosphorus	31-2	-23.77	-23.61	-23.25	-23.55		ppb
Potassium	39-2	1806.93	1809.73	1823.74	1813.47	0.50	ppb
Rhodium	103-1				100		%
Rhodium	103-2				100		%
Scandium	45-1				101		%
Scandium	45-2				104		%
Selenium	77-2	218.52	219.55	206.16	214.74	3.47	ppb
Selenium	78-2	214.95	210.37	212.36	212.56	1.08	ppb
Selenium	82-1	205.04	207.41	208.89	207.11	0.94	ppb
Silicon	28-1	13.63	15.13	15.52	14.76	6.76	ppb
Silver	109-1	105.94	107.14	106.89	106.66	0.60	ppb
Silver	107-1	106.64	106.95	106.54	106.71	0.20	ppb
Sodium	23-2	1890.90	1903.90	1908.74	1901.18	0.49	ppb
Strontium	86-1	1.93	1.93	1.94	1.93	0.31	ppb
Strontium	88-1	1.92	1.93	1.95	1.93	0.79	ppb
Sulfur	34-1	-351.24	-441.67	-640.38	-477.76		ppb
Terbium	159-1				98		%
Terbium	159-2				102		%
Thallium	203-1	192.91	194.62	198.51	195.34	1.47	ppb
Thallium	205-1	195.26	193.25	197.64	195.39	1.12	ppb
Thorium	232-1	0.12	0.12	0.11	0.12	4.33	ppb
Tin	118-1	0.78	0.82	0.75	0.78	4.23	ppb
Titanium	47-1	2294.47	2300.79	2298.99	2298.08	0.14	ppb
Uranium	238-1	0.03	0.03	0.03	0.03	2.50	ppb
Vanadium	51-2	91.87	94.10	94.18	93.38	1.41	ppb
Yttrium	89-1				101		%
Yttrium	89-2				103		%

LB Number :	LB100928	Operator :	Jaswal
Lab Sample ID :	ICV01	Instrumnet Name :	P7
Client Sample ID :	ICV01	Dilution Factor :	1
Date & Time Acquired ::	2019-02-20 14:46:48	DataFile Name :	013ICV01.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zinc	66-2	212.78	214.24	214.52	213.85	0.44	ppb
Zirconium	90-1	0.19	0.15	0.12	0.15	24.08	ppb
Zirconium	91-1	0.29	0.27	0.23	0.27	11.12	ppb

LB Number : LB100928 Operator : Jaswal
 Lab Sample ID : ICB01 Instrumnet Name : P7
 Client Sample ID : ICB01 Dilution Factor : 1
 Date & Time Acquired :: 2019-02-20 14:52:11 DataFile Name : 014CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	0.15	-0.04	0.21	0.11	121.90	ppb
Antimony	121-1	0.06	0.07	0.07	0.07	7.16	ppb
Arsenic	75-2	0.02	0.02	0.00	0.01	74.36	ppb
Barium	135-1	0.00	0.00	0.00	0.00	33.29	ppb
Barium	137-1	0.01	0.00	0.00	0.00	30.46	ppb
Beryllium	9-1	0.02	0.02	0.02	0.02	15.19	ppb
Bismuth	209-1				97		%
Bismuth	209-2				100		%
Boron	10-1	5.21	4.92	4.41	4.85	8.27	ppb
Boron	11-1	4.83	4.71	4.69	4.75	1.55	ppb
Cadmium	111-1	0.04	0.08	0.02	0.05	57.77	ppb
Cadmium	106-1	0.32	0.81	0.10	0.41	88.79	ppb
Cadmium	108-1	-0.01	0.12	0.01	0.04	169.60	ppb
Calcium	43-1	1.13	0.48	-0.17	0.48	134.48	ppb
Calcium	44-1	27.50	31.88	27.60	28.99	8.63	ppb
Chromium	52-2	0.00	0.00	0.00	0.00		ppb
Cobalt	59-2	0.00	0.00	0.00	0.00	75.78	ppb
Copper	63-2	0.02	0.00	0.00	0.01	160.52	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				98		%
Holmium	165-2				101		%
Indium	115-1				98		%
Indium	115-2				102		%
Iron	56-2	0.62	0.60	0.48	0.57	13.39	ppb
Iron	57-2	0.71	1.08	0.74	0.84	24.39	ppb
Krypton	83-1						cps
Lead	206-1	0.02	0.02	0.02	0.02	19.00	ppb
Lead	207-1	0.02	0.02	0.03	0.02	21.14	ppb
Lead	208-1	0.02	0.02	0.02	0.02	7.87	ppb
Lithium	6-1				96		%
Magnesium	24-2	0.86	0.67	0.68	0.74	14.65	ppb

LB Number : LB100928 Operator : Jaswal
 Lab Sample ID : ICB01 Instrumnet Name : P7
 Client Sample ID : ICB01 Dilution Factor : 1
 Date & Time Acquired :: 2019-02-20 14:52:11 DataFile Name : 014CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	0.01	0.01	0.02	0.01	35.49	ppb
Molybdenum	94-1	0.15	0.15	0.16	0.15	4.09	ppb
Molybdenum	95-1	0.23	0.19	0.17	0.19	14.42	ppb
Molybdenum	96-1	0.22	0.19	0.18	0.20	11.52	ppb
Molybdenum	97-1	0.24	0.23	0.17	0.21	19.15	ppb
Molybdenum	98-1	0.23	0.20	0.18	0.20	14.34	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.01	0.01	0.01	0.01	22.16	ppb
Phosphorus	31-2	-26.94	-28.98	-21.92	-25.95		ppb
Potassium	39-2	14.13	14.02	12.58	13.58	6.38	ppb
Rhodium	103-1				99		%
Rhodium	103-2				101		%
Scandium	45-1				99		%
Scandium	45-2				103		%
Selenium	77-2	0.06	0.23	0.06	0.11	86.71	ppb
Selenium	78-2	0.12	0.31	0.07	0.16	76.07	ppb
Selenium	82-1	0.16	0.13	-0.06	0.07	161.05	ppb
Silicon	28-1	2.53	2.65	2.33	2.50	6.52	ppb
Silver	109-1	0.01	0.01	0.01	0.01	8.33	ppb
Silver	107-1	0.01	0.01	0.01	0.01	22.24	ppb
Sodium	23-2	25.60	25.78	25.14	25.51	1.31	ppb
Strontium	86-1	0.02	0.01	0.04	0.03	69.53	ppb
Strontium	88-1	0.00	0.00	0.00	0.00	35.42	ppb
Sulfur	34-1	-520.48	-401.73	-441.90	-454.70		ppb
Terbium	159-1				98		%
Terbium	159-2				101		%
Thallium	203-1	0.06	0.04	0.05	0.05	12.26	ppb
Thallium	205-1	0.05	0.05	0.05	0.05	8.55	ppb
Thorium	232-1	0.01	0.01	0.01	0.01	1.98	ppb
Tin	118-1	0.04	0.05	0.04	0.04	11.35	ppb
Titanium	47-1	0.10	0.04	0.15	0.10	56.60	ppb
Uranium	238-1	0.00	0.00	0.00	0.00	36.21	ppb
Vanadium	51-2	0.00	0.00	0.01	0.00	69.01	ppb
Yttrium	89-1				99		%
Yttrium	89-2				102		%

LB Number :	LB100928	Operator :	Jaswal
Lab Sample ID :	ICB01	Instrumnet Name :	P7
Client Sample ID :	ICB01	Dilution Factor :	1
Date & Time Acquired ::	2019-02-20 14:52:11	DataFile Name :	014CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zinc	66-2	1.11	1.19	0.99	1.10	8.79	ppb
Zirconium	90-1	0.01	0.00	0.00	0.00	52.89	ppb
Zirconium	91-1	0.00	0.00	-0.01	0.00		ppb

LB Number :	LB100928	Operator :	Jaswal
Lab Sample ID :	ICSA01	Instrumnet Name :	P7
Client Sample ID :	ICSA01	Dilution Factor :	1
Date & Time Acquired ::	2019-02-20 14:55:48	DataFile Name :	015ICSA01.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	84354.47	82746.98	82308.62	83136.69	1.30	ppb
Antimony	121-1	1.07	1.08	1.03	1.06	2.72	ppb
Arsenic	75-2	0.31	0.30	0.36	0.32	9.71	ppb
Barium	135-1	1.38	1.44	1.52	1.45	5.11	ppb
Barium	137-1	1.37	1.51	1.43	1.43	4.82	ppb
Beryllium	9-1	0.27	0.27	0.26	0.27	2.19	ppb
Bismuth	209-1				87		%
Bismuth	209-2				88		%
Boron	10-1	4.27	4.27	3.98	4.17	4.04	ppb
Boron	11-1	4.48	4.23	4.10	4.27	4.51	ppb
Cadmium	111-1	0.65	0.70	0.77	0.71	8.43	ppb
Cadmium	106-1	-1.25	-0.58	0.41	-0.47		ppb
Cadmium	108-1	18.66	17.79	17.54	18.00	3.27	ppb
Calcium	43-1	91592.44	91868.03	92447.11	91969.19	0.47	ppb
Calcium	44-1	90888.52	91300.90	92215.52	91468.32	0.74	ppb
Chromium	52-2	19.23	18.93	19.07	19.07	0.79	ppb
Cobalt	59-2	1.12	1.12	1.11	1.12	0.46	ppb
Copper	63-2	7.19	7.18	7.24	7.20	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				97		%
Holmium	165-2				99		%
Indium	115-1				94		%
Indium	115-2				95		%
Iron	56-2	98635.48	96311.15	97354.03	97433.56	1.19	ppb
Iron	57-2	97576.26	95014.66	96108.51	96233.14	1.34	ppb
Krypton	83-1						cps
Lead	206-1	4.76	4.82	4.82	4.80	0.73	ppb
Lead	207-1	4.16	4.16	4.15	4.16	0.07	ppb
Lead	208-1	4.42	4.41	4.43	4.42	0.17	ppb
Lithium	6-1				96		%
Magnesium	24-2	95139.41	94632.68	93811.37	94527.82	0.71	ppb

LB Number :	LB100928	Operator :	Jaswal
Lab Sample ID :	ICSA01	Instrumnet Name :	P7
Client Sample ID :	ICSA01	Dilution Factor :	1
Date & Time Acquired ::	2019-02-20 14:55:48	DataFile Name :	015ICSA01.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	7.43	7.35	7.28	7.36	0.98	ppb
Molybdenum	94-1	1250.30	1248.73	1253.34	1250.79	0.19	ppb
Molybdenum	95-1	1711.50	1720.95	1733.43	1721.96	0.64	ppb
Molybdenum	96-1	1647.60	1671.97	1678.68	1666.09	0.98	ppb
Molybdenum	97-1	1715.97	1737.34	1751.88	1735.06	1.04	ppb
Molybdenum	98-1	1727.84	1733.88	1746.51	1736.08	0.55	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	5.10	4.98	4.98	5.02	1.35	ppb
Phosphorus	31-2	95314.60	93101.23	93289.44	93901.76	1.31	ppb
Potassium	39-2	89462.30	88157.51	88031.06	88550.29	0.89	ppb
Rhodium	103-1				90		%
Rhodium	103-2				91		%
Scandium	45-1				98		%
Scandium	45-2				101		%
Selenium	77-2	0.24	0.06	0.24	0.18	58.53	ppb
Selenium	78-2	0.03	0.25	0.23	0.17	71.58	ppb
Selenium	82-1	-0.10	0.18	0.04	0.04	361.64	ppb
Silicon	28-1	39.15	39.27	39.43	39.29	0.36	ppb
Silver	109-1	0.03	0.03	0.04	0.03	17.87	ppb
Silver	107-1	0.03	0.03	0.03	0.03	9.85	ppb
Sodium	23-2	93657.11	91872.18	93456.75	92995.35	1.05	ppb
Strontium	86-1	27.55	28.39	27.57	27.84	1.72	ppb
Strontium	88-1	27.64	27.21	27.87	27.57	1.20	ppb
Sulfur	34-1	73908.97	73371.92	73277.05	73519.31	0.46	ppb
Terbium	159-1				97		%
Terbium	159-2				100		%
Thallium	203-1	0.15	0.16	0.18	0.16	8.13	ppb
Thallium	205-1	0.13	0.15	0.17	0.15	11.79	ppb
Thorium	232-1	0.05	0.05	0.05	0.05	3.67	ppb
Tin	118-1	0.15	0.16	0.17	0.16	4.92	ppb
Titanium	47-1	1894.05	1908.88	1868.33	1890.42	1.09	ppb
Uranium	238-1	0.02	0.02	0.02	0.02	8.54	ppb
Vanadium	51-2	0.16	0.16	0.16	0.16	2.45	ppb
Yttrium	89-1				98		%
Yttrium	89-2				99		%

LB Number :	LB100928	Operator :	Jaswal
Lab Sample ID :	ICSA01	Instrumnet Name :	P7
Client Sample ID :	ICSA01	Dilution Factor :	1
Date & Time Acquired ::	2019-02-20 14:55:48	DataFile Name :	015ICSA01.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zinc	66-2	10.82	10.70	10.75	10.76	0.57	ppb
Zirconium	90-1	0.02	0.02	0.02	0.02	11.35	ppb
Zirconium	91-1	0.04	0.03	0.02	0.03	37.75	ppb

LB Number :	LB100928	Operator :	Jaswal
Lab Sample ID :	ICSAB01	Instrumnet Name :	P7
Client Sample ID :	ICSAB01	Dilution Factor :	1
Date & Time Acquired ::	2019-02-20 14:59:29	DataFile Name :	016ICSB.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	82995.81	82746.75	83121.67	82954.75	0.23	ppb
Antimony	121-1	19.73	20.06	20.14	19.98	1.08	ppb
Arsenic	75-2	18.81	19.14	19.31	19.08	1.34	ppb
Barium	135-1	21.11	20.93	21.11	21.05	0.50	ppb
Barium	137-1	20.71	21.22	21.07	21.00	1.26	ppb
Beryllium	9-1	18.96	18.95	18.85	18.92	0.34	ppb
Bismuth	209-1				90		%
Bismuth	209-2				88		%
Boron	10-1	63.58	63.94	64.75	64.09	0.94	ppb
Boron	11-1	63.85	64.37	64.16	64.13	0.41	ppb
Cadmium	111-1	19.95	19.89	20.32	20.05	1.17	ppb
Cadmium	106-1	28.62	27.41	28.71	28.24	2.58	ppb
Cadmium	108-1	41.10	41.07	41.61	41.26	0.75	ppb
Calcium	43-1	90788.35	91970.91	93555.38	92104.88	1.51	ppb
Calcium	44-1	90000.58	91798.40	92525.95	91441.64	1.42	ppb
Chromium	52-2	37.51	37.47	37.35	37.44	0.23	ppb
Cobalt	59-2	19.83	19.61	19.70	19.71	0.58	ppb
Copper	63-2	25.74	25.65	25.89	25.76	0.48	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				99		%
Holmium	165-2				100		%
Indium	115-1				96		%
Indium	115-2				95		%
Iron	56-2	97108.12	97918.86	96979.29	97335.42	0.52	ppb
Iron	57-2	96690.49	95966.67	98337.70	96998.29	1.25	ppb
Krypton	83-1						cps
Lead	206-1	24.04	24.15	24.15	24.11	0.26	ppb
Lead	207-1	22.11	22.41	22.44	22.32	0.83	ppb
Lead	208-1	22.98	23.24	23.21	23.14	0.61	ppb
Lithium	6-1				103		%
Magnesium	24-2	94766.22	95605.90	96264.59	95545.57	0.79	ppb

LB Number :	LB100928	Operator :	Jaswal
Lab Sample ID :	ICSAB01	Instrumnet Name :	P7
Client Sample ID :	ICSAB01	Dilution Factor :	1
Date & Time Acquired ::	2019-02-20 14:59:29	DataFile Name :	016ICSB.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	25.72	25.40	25.48	25.53	0.65	ppb
Molybdenum	94-1	1392.26	1369.29	1387.56	1383.04	0.88	ppb
Molybdenum	95-1	1778.67	1786.45	1806.69	1790.61	0.81	ppb
Molybdenum	96-1	1737.12	1740.44	1744.95	1740.84	0.23	ppb
Molybdenum	97-1	1790.33	1784.04	1787.63	1787.34	0.18	ppb
Molybdenum	98-1	1782.16	1799.21	1780.54	1787.31	0.58	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	23.76	23.18	23.44	23.46	1.24	ppb
Phosphorus	31-2	94762.98	94628.61	94500.07	94630.55	0.14	ppb
Potassium	39-2	89922.45	87977.79	89112.19	89004.15	1.10	ppb
Rhodium	103-1				93		%
Rhodium	103-2				92		%
Scandium	45-1				103		%
Scandium	45-2				103		%
Selenium	77-2	21.21	21.59	18.31	20.37	8.81	ppb
Selenium	78-2	18.72	18.48	18.61	18.60	0.63	ppb
Selenium	82-1	18.29	18.45	18.98	18.57	1.94	ppb
Silicon	28-1	109.50	112.83	117.01	113.12	3.33	ppb
Silver	109-1	18.43	18.43	18.44	18.44	0.04	ppb
Silver	107-1	18.66	18.65	18.61	18.64	0.14	ppb
Sodium	23-2	93157.58	93249.93	93532.51	93313.34	0.21	ppb
Strontium	86-1	80.50	79.80	79.98	80.09	0.45	ppb
Strontium	88-1	79.84	79.73	79.18	79.59	0.44	ppb
Sulfur	34-1	71754.60	72072.92	74712.47	72846.66	2.23	ppb
Terbium	159-1				100		%
Terbium	159-2				100		%
Thallium	203-1	19.43	19.63	19.91	19.66	1.21	ppb
Thallium	205-1	19.38	19.60	19.73	19.57	0.90	ppb
Thorium	232-1	0.38	0.37	0.38	0.38	1.31	ppb
Tin	118-1	58.81	58.96	58.35	58.71	0.54	ppb
Titanium	47-1	1903.35	1940.94	1945.46	1929.92	1.20	ppb
Uranium	238-1	60.34	60.99	61.27	60.87	0.78	ppb
Vanadium	51-2	18.88	18.60	18.78	18.75	0.76	ppb
Yttrium	89-1				101		%
Yttrium	89-2				100		%

LB Number :	LB100928	Operator :	Jaswal
Lab Sample ID :	ICSAB01	Instrumnet Name :	P7
Client Sample ID :	ICSAB01	Dilution Factor :	1
Date & Time Acquired ::	2019-02-20 14:59:29	DataFile Name :	016ICSB.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zinc	66-2	29.36	29.45	29.19	29.33	0.45	ppb
Zirconium	90-1	61.37	62.08	61.76	61.74	0.58	ppb
Zirconium	91-1	62.01	62.12	62.12	62.08	0.10	ppb

LB Number :	LB100928	Operator :	Jaswal
Lab Sample ID :	CCV08	Instrumnet Name :	P7
Client Sample ID :	CCV08	Dilution Factor :	1
Date & Time Acquired ::	2019-02-20 15:03:11	DataFile Name :	017CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	56254.33	50031.46	39972.74	48752.84	16.85	ppb
Antimony	121-1	473.60	475.70	466.14	471.82	1.06	ppb
Arsenic	75-2	530.25	472.40	381.05	461.23	16.31	ppb
Barium	135-1	2424.48	2455.37	2377.98	2419.28	1.61	ppb
Barium	137-1	2472.81	2442.22	2412.70	2442.58	1.23	ppb
Beryllium	9-1	463.72	471.20	465.55	466.82	0.83	ppb
Bismuth	209-1				84		%
Bismuth	209-2				84		%
Boron	10-1	454.02	469.81	462.49	462.11	1.71	ppb
Boron	11-1	452.15	471.92	466.01	463.36	2.19	ppb
Cadmium	111-1	484.15	486.31	477.77	482.74	0.92	ppb
Cadmium	106-1	492.63	497.52	495.93	495.36	0.50	ppb
Cadmium	108-1	493.74	493.40	490.00	492.38	0.42	ppb
Calcium	43-1	236024.84	233721.56	235314.83	235020.41	0.50	ppb
Calcium	44-1	234858.45	232666.18	232188.82	233237.82	0.61	ppb
Chromium	52-2	544.45	481.36	392.28	472.69	16.17	ppb
Cobalt	59-2	535.35	463.17	377.83	458.78	17.19	ppb
Copper	63-2	1075.73	957.71	770.16	934.54	16.49	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				97		%
Holmium	165-2				99		%
Indium	115-1				92		%
Indium	115-2				95		%
Iron	56-2	139677.53	123223.77	100515.00	121138.76	16.23	ppb
Iron	57-2	141079.43	124206.66	99980.09	121755.40	16.97	ppb
Krypton	83-1						cps
Lead	206-1	492.11	494.35	497.63	494.70	0.56	ppb
Lead	207-1	493.72	494.72	496.07	494.84	0.24	ppb
Lead	208-1	493.74	493.78	492.94	493.49	0.10	ppb
Lithium	6-1				99		%
Magnesium	24-2	276772.98	245784.99	198363.03	240307.00	16.43	ppb

LB Number :	LB100928	Operator :	Jaswal
Lab Sample ID :	CCV08	Instrumnet Name :	P7
Client Sample ID :	CCV08	Dilution Factor :	1
Date & Time Acquired ::	2019-02-20 15:03:11	DataFile Name :	017CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	1072.15	951.29	765.40	929.61	16.62	ppb
Molybdenum	94-1	2351.42	2396.73	2379.76	2375.97	0.96	ppb
Molybdenum	95-1	2339.92	2359.61	2395.89	2365.14	1.20	ppb
Molybdenum	96-1	2357.59	2360.06	2366.36	2361.34	0.19	ppb
Molybdenum	97-1	2340.54	2352.90	2384.25	2359.23	0.95	ppb
Molybdenum	98-1	2402.54	2394.86	2358.62	2385.34	0.98	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	515.31	453.31	366.75	445.12	16.76	ppb
Phosphorus	31-2	10990.96	9447.05	7940.28	9459.43	16.13	ppb
Potassium	39-2	132391.40	116644.83	95087.48	114707.90	16.33	ppb
Rhodium	103-1				88		%
Rhodium	103-2				89		%
Scandium	45-1				100		%
Scandium	45-2				105		%
Selenium	77-2	591.40	531.73	418.44	513.85	17.10	ppb
Selenium	78-2	604.91	530.20	428.10	521.07	17.03	ppb
Selenium	82-1	506.53	505.45	507.11	506.36	0.17	ppb
Silicon	28-1	542.45	540.73	550.88	544.69	1.00	ppb
Silver	109-1	515.68	512.84	503.07	510.53	1.30	ppb
Silver	107-1	511.15	510.95	507.79	509.97	0.37	ppb
Sodium	23-2	267901.84	241438.14	193315.72	234218.57	16.14	ppb
Strontium	86-1	491.78	486.78	481.11	486.56	1.10	ppb
Strontium	88-1	478.96	476.16	474.70	476.61	0.45	ppb
Sulfur	34-1	9584.91	9487.91	9575.97	9549.59	0.56	ppb
Terbium	159-1				98		%
Terbium	159-2				99		%
Thallium	203-1	497.95	497.21	492.31	495.82	0.62	ppb
Thallium	205-1	496.52	492.47	500.46	496.48	0.80	ppb
Thorium	232-1	500.06	506.70	501.76	502.84	0.69	ppb
Tin	118-1	477.03	484.00	473.33	478.12	1.13	ppb
Titanium	47-1	2411.51	2374.64	2382.17	2389.44	0.82	ppb
Uranium	238-1	506.50	500.13	501.33	502.65	0.67	ppb
Vanadium	51-2	544.64	479.02	390.81	471.49	16.37	ppb
Yttrium	89-1				100		%
Yttrium	89-2				101		%

LB Number :	LB100928	Operator :	Jaswal
Lab Sample ID :	CCV08	Instrumnet Name :	P7
Client Sample ID :	CCV08	Dilution Factor :	1
Date & Time Acquired ::	2019-02-20 15:03:11	DataFile Name :	017CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zinc	66-2	1125.73	997.52	809.92	977.72	16.24	ppb
Zirconium	90-1	477.84	474.66	477.48	476.66	0.37	ppb
Zirconium	91-1	472.12	475.63	475.31	474.35	0.41	ppb

LB Number :	LB100928	Operator :	Jaswal
Lab Sample ID :	CCB08	Instrumnet Name :	P7
Client Sample ID :	CCB08	Dilution Factor :	1
Date & Time Acquired ::	2019-02-20 15:08:16	DataFile Name :	018CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	1.53	1.23	1.39	1.38	10.62	ppb
Antimony	121-1	0.11	0.10	0.11	0.11	2.07	ppb
Arsenic	75-2	0.01	0.01	0.02	0.02	27.11	ppb
Barium	135-1	0.04	0.04	0.04	0.04	0.24	ppb
Barium	137-1	0.06	0.04	0.05	0.05	20.95	ppb
Beryllium	9-1	0.03	0.03	0.02	0.02	23.12	ppb
Bismuth	209-1				101		%
Bismuth	209-2				100		%
Boron	10-1	8.96	7.94	7.36	8.09	10.03	ppb
Boron	11-1	8.98	8.53	8.08	8.53	5.25	ppb
Cadmium	111-1	0.08	0.02	0.05	0.05	57.90	ppb
Cadmium	106-1	0.70	-0.13	0.45	0.34	124.76	ppb
Cadmium	108-1	0.03	0.08	0.12	0.08	57.96	ppb
Calcium	43-1	7.28	5.09	3.21	5.19	39.20	ppb
Calcium	44-1	45.50	45.90	47.56	46.32	2.36	ppb
Chromium	52-2	0.01	0.03	0.01	0.02	67.52	ppb
Cobalt	59-2	0.01	0.00	0.00	0.01	54.15	ppb
Copper	63-2	0.12	0.13	0.14	0.13	6.56	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				102		%
Holmium	165-2				103		%
Indium	115-1				103		%
Indium	115-2				104		%
Iron	56-2	3.57	3.32	3.46	3.45	3.63	ppb
Iron	57-2	3.61	3.81	3.38	3.60	5.93	ppb
Krypton	83-1						cps
Lead	206-1	0.04	0.04	0.04	0.04	7.46	ppb
Lead	207-1	0.05	0.05	0.04	0.04	14.37	ppb
Lead	208-1	0.04	0.04	0.04	0.04	3.25	ppb
Lithium	6-1				106		%
Magnesium	24-2	4.74	4.70	4.70	4.71	0.51	ppb

LB Number :	LB100928	Operator :	Jaswal
Lab Sample ID :	CCB08	Instrumnet Name :	P7
Client Sample ID :	CCB08	Dilution Factor :	1
Date & Time Acquired ::	2019-02-20 15:08:16	DataFile Name :	018CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	0.02	0.02	0.02	0.02	11.43	ppb
Molybdenum	94-1	0.23	0.20	0.20	0.21	8.24	ppb
Molybdenum	95-1	0.25	0.18	0.20	0.21	17.92	ppb
Molybdenum	96-1	0.24	0.23	0.20	0.22	8.65	ppb
Molybdenum	97-1	0.24	0.23	0.20	0.22	9.11	ppb
Molybdenum	98-1	0.25	0.22	0.20	0.22	12.02	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.01	0.01	0.02	0.01	60.89	ppb
Phosphorus	31-2	-26.57	-29.53	-23.42	-26.50		ppb
Potassium	39-2	31.20	31.58	29.76	30.85	3.12	ppb
Rhodium	103-1				104		%
Rhodium	103-2				103		%
Scandium	45-1				105		%
Scandium	45-2				105		%
Selenium	77-2	0.14	0.05	0.05	0.08	59.41	ppb
Selenium	78-2	0.10	-0.05	0.11	0.05	177.26	ppb
Selenium	82-1	-0.05	0.01	0.02	-0.01		ppb
Silicon	28-1	2.54	2.45	2.83	2.61	7.67	ppb
Silver	109-1	0.04	0.04	0.04	0.04	12.73	ppb
Silver	107-1	0.03	0.03	0.03	0.03	7.66	ppb
Sodium	23-2	40.56	40.14	39.42	40.04	1.44	ppb
Strontium	86-1	-0.01	-0.02	0.00	-0.01		ppb
Strontium	88-1	0.01	0.01	0.01	0.01	26.38	ppb
Sulfur	34-1	-366.96	-356.75	-301.93	-341.88		ppb
Terbium	159-1				103		%
Terbium	159-2				103		%
Thallium	203-1	0.12	0.12	0.09	0.11	14.11	ppb
Thallium	205-1	0.12	0.12	0.11	0.12	4.82	ppb
Thorium	232-1	0.06	0.06	0.05	0.06	5.01	ppb
Tin	118-1	0.07	0.07	0.07	0.07	4.13	ppb
Titanium	47-1	0.09	0.07	0.08	0.08	8.06	ppb
Uranium	238-1	0.01	0.01	0.01	0.01	17.28	ppb
Vanadium	51-2	0.01	0.01	0.01	0.01	41.63	ppb
Yttrium	89-1				105		%
Yttrium	89-2				104		%

LB Number :	LB100928	Operator :	Jaswal
Lab Sample ID :	CCB08	Instrumnet Name :	P7
Client Sample ID :	CCB08	Dilution Factor :	1
Date & Time Acquired ::	2019-02-20 15:08:16	DataFile Name :	018CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zinc	66-2	0.11	0.10	0.08	0.09	18.07	ppb
Zirconium	90-1	0.03	0.03	0.03	0.03	8.66	ppb
Zirconium	91-1	0.03	0.03	0.02	0.02	30.21	ppb

LB Number :	LB100928	Operator :	Jaswal
Lab Sample ID :	CRI	Instrumnet Name :	P7
Client Sample ID :	CRI	Dilution Factor :	1
Date & Time Acquired ::	2019-02-20 15:11:53	DataFile Name :	019LLCC.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	19.24	20.03	18.78	19.35	3.27	ppb
Antimony	121-1	1.89	1.88	1.92	1.90	1.00	ppb
Arsenic	75-2	0.94	0.97	0.97	0.96	2.17	ppb
Barium	135-1	9.63	9.45	9.81	9.63	1.88	ppb
Barium	137-1	9.55	9.55	9.61	9.57	0.36	ppb
Beryllium	9-1	0.96	0.96	0.96	0.96	0.06	ppb
Bismuth	209-1				99		%
Bismuth	209-2				101		%
Boron	10-1	26.69	26.80	27.19	26.89	0.99	ppb
Boron	11-1	26.79	26.25	27.01	26.69	1.47	ppb
Cadmium	111-1	1.06	1.04	1.12	1.07	4.13	ppb
Cadmium	106-1	1.44	1.39	1.87	1.57	16.84	ppb
Cadmium	108-1	0.89	0.94	0.92	0.91	2.26	ppb
Calcium	43-1	448.38	453.45	459.42	453.75	1.22	ppb
Calcium	44-1	513.57	505.82	502.00	507.13	1.16	ppb
Chromium	52-2	1.93	1.85	1.92	1.90	2.15	ppb
Cobalt	59-2	0.99	0.95	0.96	0.97	2.27	ppb
Copper	63-2	2.14	2.14	2.14	2.14	0.18	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				100		%
Holmium	165-2				102		%
Indium	115-1				102		%
Indium	115-2				102		%
Iron	56-2	59.53	59.92	60.42	59.96	0.74	ppb
Iron	57-2	58.71	62.26	63.75	61.57	4.20	ppb
Krypton	83-1						cps
Lead	206-1	0.88	0.95	0.92	0.92	3.39	ppb
Lead	207-1	0.87	0.92	0.89	0.89	3.11	ppb
Lead	208-1	0.88	0.93	0.90	0.90	2.26	ppb
Lithium	6-1				105		%
Magnesium	24-2	490.94	496.64	487.96	491.85	0.90	ppb

LB Number :	LB100928	Operator :	Jaswal
Lab Sample ID :	CRI	Instrumnet Name :	P7
Client Sample ID :	CRI	Dilution Factor :	1
Date & Time Acquired ::	2019-02-20 15:11:53	DataFile Name :	019LLCC.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	1.06	1.03	1.02	1.04	1.80	ppb
Molybdenum	94-1	4.61	4.66	4.86	4.71	2.79	ppb
Molybdenum	95-1	4.52	4.50	4.58	4.53	0.85	ppb
Molybdenum	96-1	4.52	4.59	4.61	4.57	0.98	ppb
Molybdenum	97-1	4.43	4.51	4.54	4.49	1.27	ppb
Molybdenum	98-1	4.49	4.59	4.52	4.53	1.11	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	1.05	1.11	1.04	1.06	3.51	ppb
Phosphorus	31-2	20.91	18.74	24.93	21.53	14.60	ppb
Potassium	39-2	449.38	447.49	458.02	451.63	1.24	ppb
Rhodium	103-1				103		%
Rhodium	103-2				103		%
Scandium	45-1				105		%
Scandium	45-2				104		%
Selenium	77-2	5.05	5.01	4.23	4.76	9.63	ppb
Selenium	78-2	5.68	5.58	5.37	5.54	2.86	ppb
Selenium	82-1	5.47	5.25	5.62	5.45	3.45	ppb
Silicon	28-1	14.06	12.44	12.36	12.95	7.38	ppb
Silver	109-1	1.20	1.19	1.20	1.20	0.75	ppb
Silver	107-1	1.22	1.21	1.21	1.21	0.77	ppb
Sodium	23-2	495.98	492.81	486.62	491.80	0.97	ppb
Strontium	86-1	0.79	0.81	0.82	0.81	2.31	ppb
Strontium	88-1	0.80	0.80	0.83	0.81	2.10	ppb
Sulfur	34-1	-181.96	-236.28	-192.71	-203.65		ppb
Terbium	159-1				102		%
Terbium	159-2				103		%
Thallium	203-1	0.94	0.92	0.91	0.92	1.65	ppb
Thallium	205-1	0.94	0.94	0.94	0.94	0.35	ppb
Thorium	232-1	0.83	0.84	0.82	0.83	1.31	ppb
Tin	118-1	4.92	4.94	4.96	4.94	0.40	ppb
Titanium	47-1	4.44	4.54	4.66	4.55	2.48	ppb
Uranium	238-1	0.82	0.83	0.83	0.83	0.65	ppb
Vanadium	51-2	4.81	4.80	4.83	4.81	0.38	ppb
Yttrium	89-1				103		%
Yttrium	89-2				104		%

LB Number :	LB100928	Operator :	Jaswal
Lab Sample ID :	CRI	Instrumnet Name :	P7
Client Sample ID :	CRI	Dilution Factor :	1
Date & Time Acquired ::	2019-02-20 15:11:53	DataFile Name :	019LLCC.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zinc	66-2	2.61	2.54	2.73	2.63	3.80	ppb
Zirconium	90-1	0.92	0.94	0.97	0.94	2.53	ppb
Zirconium	91-1	0.99	0.96	0.98	0.98	1.50	ppb

LB Number :	LB100928	Operator :	Jaswal
Lab Sample ID :	K1384-01RE	Instrumnet Name :	P7
Client Sample ID :	MANS-BATHROOMRE	Dilution Factor :	1
Date & Time Acquired ::	2019-02-20 15:15:29	DataFile Name :	020SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	95.71	95.95	94.07	95.24	1.08	ppb
Antimony	121-1	0.19	0.18	0.18	0.18	2.17	ppb
Arsenic	75-2	0.14	0.15	0.15	0.15	7.02	ppb
Barium	135-1	54.60	52.49	53.95	53.68	2.01	ppb
Barium	137-1	53.36	53.13	53.31	53.27	0.23	ppb
Beryllium	9-1	0.04	0.02	0.02	0.02	41.74	ppb
Bismuth	209-1				104		%
Bismuth	209-2				102		%
Boron	10-1	27.61	29.37	28.52	28.50	3.08	ppb
Boron	11-1	28.92	29.19	29.61	29.24	1.18	ppb
Cadmium	111-1	0.10	0.12	0.08	0.10	20.26	ppb
Cadmium	106-1	0.60	0.86	0.27	0.58	51.79	ppb
Cadmium	108-1	0.26	0.28	0.15	0.23	31.41	ppb
Calcium	43-1	28196.30	28146.12	28110.17	28150.86	0.15	ppb
Calcium	44-1	28232.14	27616.18	27662.00	27836.77	1.23	ppb
Chromium	52-2	-0.04	0.00	0.00	-0.01		ppb
Cobalt	59-2	0.09	0.07	0.07	0.08	12.61	ppb
Copper	63-2	321.30	324.93	324.09	323.44	0.59	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				108		%
Holmium	165-2				107		%
Indium	115-1				108		%
Indium	115-2				108		%
Iron	56-2	59.78	59.46	59.85	59.70	0.35	ppb
Iron	57-2	145.93	143.61	144.82	144.79	0.80	ppb
Krypton	83-1						cps
Lead	206-1	307.34	304.89	305.71	305.98	0.41	ppb
Lead	207-1	278.98	274.53	277.07	276.86	0.81	ppb
Lead	208-1	289.18	285.59	285.37	286.71	0.75	ppb
Lithium	6-1				112		%
Magnesium	24-2	8684.73	8647.30	8716.90	8682.98	0.40	ppb

LB Number :	LB100928	Operator :	Jaswal
Lab Sample ID :	K1384-01RE	Instrumnet Name :	P7
Client Sample ID :	MANS-BATHROOMRE	Dilution Factor :	1
Date & Time Acquired ::	2019-02-20 15:15:29	DataFile Name :	020SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	5.21	5.22	5.24	5.23	0.32	ppb
Molybdenum	94-1	0.40	0.32	0.37	0.37	11.00	ppb
Molybdenum	95-1	0.45	0.46	0.44	0.45	1.72	ppb
Molybdenum	96-1	0.43	0.45	0.41	0.43	4.13	ppb
Molybdenum	97-1	0.47	0.45	0.46	0.46	2.44	ppb
Molybdenum	98-1	0.46	0.44	0.46	0.45	1.97	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	19.99	19.91	19.94	19.94	0.20	ppb
Phosphorus	31-2	239.50	214.06	225.39	226.32	5.63	ppb
Potassium	39-2	1451.12	1451.98	1447.92	1450.34	0.15	ppb
Rhodium	103-1				107		%
Rhodium	103-2				105		%
Scandium	45-1				112		%
Scandium	45-2				111		%
Selenium	77-2	0.21	0.05	0.13	0.13	61.91	ppb
Selenium	78-2	0.14	0.33	0.23	0.23	40.16	ppb
Selenium	82-1	0.09	0.30	0.14	0.18	60.02	ppb
Silicon	28-1	5503.03	5532.71	5479.89	5505.21	0.48	ppb
Silver	109-1	0.02	0.03	0.03	0.03	6.51	ppb
Silver	107-1	0.02	0.03	0.03	0.03	6.40	ppb
Sodium	23-2	32243.75	32208.34	32292.33	32248.14	0.13	ppb
Strontium	86-1	116.99	114.56	115.23	115.59	1.09	ppb
Strontium	88-1	116.20	115.08	114.48	115.25	0.76	ppb
Sulfur	34-1	13455.93	13345.05	13138.55	13313.17	1.21	ppb
Terbium	159-1				109		%
Terbium	159-2				108		%
Thallium	203-1	0.08	0.07	0.06	0.07	16.01	ppb
Thallium	205-1	0.08	0.06	0.05	0.07	23.44	ppb
Thorium	232-1	0.02	0.01	0.01	0.01	8.53	ppb
Tin	118-1	30.33	29.35	30.80	30.16	2.45	ppb
Titanium	47-1	0.67	0.70	0.71	0.69	2.67	ppb
Uranium	238-1	0.13	0.13	0.14	0.13	3.27	ppb
Vanadium	51-2	0.47	0.47	0.47	0.47	0.74	ppb
Yttrium	89-1				112		%
Yttrium	89-2				110		%

LB Number :	LB100928	Operator :	Jaswal
Lab Sample ID :	K1384-01RE	Instrumnet Name :	P7
Client Sample ID :	MANS-BATHROOMRE	Dilution Factor :	1
Date & Time Acquired ::	2019-02-20 15:15:29	DataFile Name :	020SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zinc	66-2	921.84	934.47	937.68	931.33	0.90	ppb
Zirconium	90-1	0.04	0.05	0.03	0.04	25.05	ppb
Zirconium	91-1	0.02	0.05	0.03	0.03	40.83	ppb

LB Number :	LB100928	Operator :	Jaswal
Lab Sample ID :	K1503-02A	Instrumnet Name :	P7
Client Sample ID :	MH0Y64A	Dilution Factor :	1
Date & Time Acquired ::	2019-02-20 15:19:07	DataFile Name :	021SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	17332.17	17165.30	17374.07	17290.51	0.64	ppb
Antimony	121-1	4.29	4.31	4.40	4.33	1.45	ppb
Arsenic	75-2	452.02	449.72	449.43	450.39	0.31	ppb
Barium	135-1	793.01	808.40	801.98	801.13	0.96	ppb
Barium	137-1	786.69	804.00	791.84	794.17	1.12	ppb
Beryllium	9-1	1.98	1.94	1.92	1.95	1.59	ppb
Bismuth	209-1				98		%
Bismuth	209-2				97		%
Boron	10-1	36.20	36.98	36.89	36.69	1.17	ppb
Boron	11-1	36.57	37.02	36.96	36.85	0.66	ppb
Cadmium	111-1	10.30	10.24	10.27	10.27	0.31	ppb
Cadmium	106-1	13.16	12.09	12.36	12.54	4.42	ppb
Cadmium	108-1	9.51	10.38	10.02	9.97	4.39	ppb
Calcium	43-1	85005.08	85200.39	83819.86	84675.11	0.88	ppb
Calcium	44-1	85017.12	84733.03	83136.39	84295.51	1.20	ppb
Chromium	52-2	61.47	61.21	60.95	61.21	0.42	ppb
Cobalt	59-2	17.71	17.43	17.25	17.47	1.33	ppb
Copper	63-2	453.28	459.87	449.80	454.32	1.13	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				100		%
Holmium	165-2				101		%
Indium	115-1				99		%
Indium	115-2				99		%
Iron	56-2	42244.95	42605.93	41902.94	42251.27	0.83	ppb
Iron	57-2	42736.36	42003.00	42436.25	42391.87	0.87	ppb
Krypton	83-1						cps
Lead	206-1	914.62	907.20	888.54	903.45	1.49	ppb
Lead	207-1	848.73	837.69	832.24	839.55	1.00	ppb
Lead	208-1	872.10	868.43	857.17	865.90	0.90	ppb
Lithium	6-1				106		%
Magnesium	24-2	13433.99	13504.87	13484.94	13474.60	0.27	ppb

LB Number :	LB100928	Operator :	Jaswal
Lab Sample ID :	K1503-02A	Instrumnet Name :	P7
Client Sample ID :	MH0Y64A	Dilution Factor :	1
Date & Time Acquired ::	2019-02-20 15:19:07	DataFile Name :	021SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	1425.88	1443.86	1426.97	1432.24	0.70	ppb
Molybdenum	94-1	5.15	5.28	5.30	5.24	1.55	ppb
Molybdenum	95-1	3.23	3.31	3.37	3.30	2.10	ppb
Molybdenum	96-1	3.79	3.75	3.74	3.76	0.71	ppb
Molybdenum	97-1	3.34	3.21	3.35	3.30	2.48	ppb
Molybdenum	98-1	3.33	3.37	3.32	3.34	0.76	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	62.88	63.14	62.78	62.93	0.29	ppb
Phosphorus	31-2	6656.72	6876.85	6699.93	6744.50	1.73	ppb
Potassium	39-2	4587.81	4741.06	4638.25	4655.71	1.68	ppb
Rhodium	103-1				97		%
Rhodium	103-2				96		%
Scandium	45-1				103		%
Scandium	45-2				103		%
Selenium	77-2	58.52	57.42	58.64	58.19	1.16	ppb
Selenium	78-2	38.71	38.69	38.52	38.64	0.27	ppb
Selenium	82-1	33.53	34.50	34.10	34.04	1.43	ppb
Silicon	28-1	7683.82	7555.08	7461.98	7566.96	1.47	ppb
Silver	109-1	22.64	22.52	22.63	22.60	0.29	ppb
Silver	107-1	22.44	22.09	22.78	22.44	1.55	ppb
Sodium	23-2	715.18	715.52	702.41	711.04	1.05	ppb
Strontium	86-1	386.72	386.87	392.30	388.63	0.82	ppb
Strontium	88-1	389.47	386.40	382.05	385.97	0.97	ppb
Sulfur	34-1	3103.85	3085.58	2790.87	2993.43	5.87	ppb
Terbium	159-1				101		%
Terbium	159-2				102		%
Thallium	203-1	0.79	0.82	0.83	0.81	2.44	ppb
Thallium	205-1	0.78	0.80	0.85	0.81	4.77	ppb
Thorium	232-1	1.81	1.78	1.79	1.79	0.96	ppb
Tin	118-1	31.12	31.25	31.43	31.26	0.50	ppb
Titanium	47-1	220.68	220.41	219.56	220.22	0.27	ppb
Uranium	238-1	8.75	8.52	8.48	8.58	1.68	ppb
Vanadium	51-2	69.16	69.29	68.34	68.93	0.74	ppb
Yttrium	89-1				117		%
Yttrium	89-2				116		%

LB Number :	LB100928	Operator :	Jaswal
Lab Sample ID :	K1503-02A	Instrumnet Name :	P7
Client Sample ID :	MH0Y64A	Dilution Factor :	1
Date & Time Acquired ::	2019-02-20 15:19:07	DataFile Name :	021SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zinc	66-2	2462.78	2495.48	2491.06	2483.11	0.71	ppb
Zirconium	90-1	1.99	2.00	1.99	1.99	0.46	ppb
Zirconium	91-1	2.27	2.27	2.14	2.23	3.31	ppb

LB Number :	LB100928	Operator :	Jaswal
Lab Sample ID :	K1503-02ADLX2	Instrumnet Name :	P7
Client Sample ID :	MH0Y64ADL	Dilution Factor :	2
Date & Time Acquired ::	2019-02-20 15:22:49	DataFile Name :	022SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	8563.42	8571.17	8543.77	8559.45	0.17	ppb
Antimony	121-1	2.10	2.11	2.15	2.12	1.31	ppb
Arsenic	75-2	235.87	235.52	233.89	235.09	0.45	ppb
Barium	135-1	388.03	392.12	395.03	391.73	0.90	ppb
Barium	137-1	386.74	394.87	390.84	390.82	1.04	ppb
Beryllium	9-1	1.01	0.98	0.96	0.98	2.47	ppb
Bismuth	209-1				100		%
Bismuth	209-2				98		%
Boron	10-1	18.87	20.13	19.88	19.63	3.42	ppb
Boron	11-1	19.27	19.90	19.79	19.66	1.72	ppb
Cadmium	111-1	4.92	5.27	5.09	5.09	3.47	ppb
Cadmium	106-1	5.08	6.28	6.11	5.82	11.19	ppb
Cadmium	108-1	4.82	4.78	5.21	4.94	4.78	ppb
Calcium	43-1	42692.11	42555.71	42779.54	42675.79	0.26	ppb
Calcium	44-1	42312.85	42419.66	42428.17	42386.89	0.15	ppb
Chromium	52-2	30.81	30.80	30.77	30.79	0.07	ppb
Cobalt	59-2	8.79	8.88	8.72	8.80	0.90	ppb
Copper	63-2	230.97	230.05	229.73	230.25	0.28	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				101		%
Holmium	165-2				101		%
Indium	115-1				100		%
Indium	115-2				99		%
Iron	56-2	21257.23	20995.10	21370.87	21207.73	0.91	ppb
Iron	57-2	21187.27	21188.97	21308.68	21228.31	0.33	ppb
Krypton	83-1						cps
Lead	206-1	449.66	447.50	446.86	448.00	0.33	ppb
Lead	207-1	420.30	421.51	417.97	419.93	0.43	ppb
Lead	208-1	432.50	432.41	429.54	431.48	0.39	ppb
Lithium	6-1				107		%
Magnesium	24-2	6661.83	6600.66	6614.36	6625.62	0.48	ppb

LB Number :	LB100928	Operator :	Jaswal
Lab Sample ID :	K1503-02ADLX2	Instrumnet Name :	P7
Client Sample ID :	MH0Y64ADL	Dilution Factor :	2
Date & Time Acquired ::	2019-02-20 15:22:49	DataFile Name :	022SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	713.02	709.46	709.72	710.73	0.28	ppb
Molybdenum	94-1	2.77	2.74	2.76	2.76	0.48	ppb
Molybdenum	95-1	1.75	1.82	1.78	1.78	1.88	ppb
Molybdenum	96-1	1.97	2.02	1.98	1.99	1.29	ppb
Molybdenum	97-1	1.81	1.81	1.80	1.81	0.51	ppb
Molybdenum	98-1	1.75	1.79	1.82	1.78	1.98	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	31.85	31.34	31.63	31.61	0.81	ppb
Phosphorus	31-2	3361.72	3371.78	3349.43	3360.98	0.33	ppb
Potassium	39-2	2295.78	2265.89	2243.42	2268.37	1.16	ppb
Rhodium	103-1				99		%
Rhodium	103-2				98		%
Scandium	45-1				103		%
Scandium	45-2				102		%
Selenium	77-2	28.91	31.94	34.01	31.62	8.10	ppb
Selenium	78-2	20.14	21.07	21.12	20.78	2.66	ppb
Selenium	82-1	17.68	17.78	17.87	17.78	0.53	ppb
Silicon	28-1	3736.37	3822.84	3848.10	3802.44	1.54	ppb
Silver	109-1	11.13	11.49	11.27	11.30	1.63	ppb
Silver	107-1	10.95	11.26	11.03	11.08	1.48	ppb
Sodium	23-2	379.21	375.33	380.00	378.18	0.66	ppb
Strontium	86-1	203.71	202.54	203.11	203.12	0.29	ppb
Strontium	88-1	206.49	202.62	205.54	204.88	0.98	ppb
Sulfur	34-1	1265.32	1390.54	1362.04	1339.30	4.90	ppb
Terbium	159-1				102		%
Terbium	159-2				101		%
Thallium	203-1	0.38	0.38	0.42	0.40	5.88	ppb
Thallium	205-1	0.40	0.41	0.39	0.40	3.00	ppb
Thorium	232-1	0.85	0.88	0.87	0.87	1.40	ppb
Tin	118-1	15.42	15.14	15.32	15.30	0.92	ppb
Titanium	47-1	107.05	108.99	109.11	108.38	1.07	ppb
Uranium	238-1	4.17	4.22	4.24	4.21	0.87	ppb
Vanadium	51-2	34.31	34.49	34.18	34.33	0.46	ppb
Yttrium	89-1				110		%
Yttrium	89-2				109		%

LB Number :	LB100928	Operator :	Jaswal
Lab Sample ID :	K1503-02ADLX2	Instrumnet Name :	P7
Client Sample ID :	MH0Y64ADL	Dilution Factor :	2
Date & Time Acquired ::	2019-02-20 15:22:49	DataFile Name :	022SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zinc	66-2	1256.77	1263.82	1263.74	1261.44	0.32	ppb
Zirconium	90-1	1.06	1.07	1.02	1.05	2.29	ppb
Zirconium	91-1	1.25	1.16	1.16	1.19	4.02	ppb

LB Number :	LB100928	Operator :	Jaswal
Lab Sample ID :	CCV09	Instrumnet Name :	P7
Client Sample ID :	CCV09	Dilution Factor :	1
Date & Time Acquired ::	2019-02-20 15:26:50	DataFile Name :	023CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	48172.64	48069.87	49210.05	48484.18	1.30	ppb
Antimony	121-1	465.86	476.49	478.46	473.61	1.43	ppb
Arsenic	75-2	460.76	461.72	467.58	463.35	0.80	ppb
Barium	135-1	2446.42	2424.39	2452.51	2441.11	0.61	ppb
Barium	137-1	2445.24	2454.29	2466.44	2455.32	0.43	ppb
Beryllium	9-1	469.59	468.41	468.14	468.71	0.16	ppb
Bismuth	209-1				81		%
Bismuth	209-2				82		%
Boron	10-1	458.88	464.69	465.65	463.07	0.79	ppb
Boron	11-1	465.15	476.01	472.59	471.25	1.18	ppb
Cadmium	111-1	478.12	481.27	481.17	480.18	0.37	ppb
Cadmium	106-1	484.09	495.70	490.51	490.10	1.19	ppb
Cadmium	108-1	481.36	493.24	492.27	488.95	1.35	ppb
Calcium	43-1	230965.80	231434.40	232192.73	231530.97	0.27	ppb
Calcium	44-1	234346.05	232276.07	233423.86	233348.66	0.44	ppb
Chromium	52-2	461.43	461.71	482.04	468.39	2.52	ppb
Cobalt	59-2	456.16	456.49	466.10	459.58	1.23	ppb
Copper	63-2	938.06	944.84	958.22	947.04	1.08	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				95		%
Holmium	165-2				97		%
Indium	115-1				89		%
Indium	115-2				92		%
Iron	56-2	121252.67	122768.07	123353.33	122458.02	0.89	ppb
Iron	57-2	121746.53	121937.46	123750.75	122478.25	0.90	ppb
Krypton	83-1						cps
Lead	206-1	499.70	503.07	494.58	499.12	0.86	ppb
Lead	207-1	495.73	500.07	497.71	497.84	0.44	ppb
Lead	208-1	493.74	498.96	494.96	495.89	0.55	ppb
Lithium	6-1				93		%
Magnesium	24-2	237619.66	240216.07	243626.10	240487.28	1.25	ppb

LB Number :	LB100928	Operator :	Jaswal
Lab Sample ID :	CCV09	Instrumnet Name :	P7
Client Sample ID :	CCV09	Dilution Factor :	1
Date & Time Acquired ::	2019-02-20 15:26:50	DataFile Name :	023CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	923.26	930.37	942.54	932.06	1.05	ppb
Molybdenum	94-1	2397.41	2429.59	2372.26	2399.75	1.20	ppb
Molybdenum	95-1	2388.62	2385.57	2402.98	2392.39	0.39	ppb
Molybdenum	96-1	2394.14	2394.32	2386.99	2391.82	0.17	ppb
Molybdenum	97-1	2425.81	2395.42	2369.02	2396.75	1.19	ppb
Molybdenum	98-1	2410.18	2371.12	2398.31	2393.20	0.84	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	447.60	448.48	456.05	450.71	1.03	ppb
Phosphorus	31-2	9173.05	9548.00	9557.72	9426.26	2.33	ppb
Potassium	39-2	112583.63	114101.25	116357.41	114347.43	1.66	ppb
Rhodium	103-1				85		%
Rhodium	103-2				86		%
Scandium	45-1				96		%
Scandium	45-2				102		%
Selenium	77-2	523.05	521.07	519.95	521.36	0.30	ppb
Selenium	78-2	515.39	517.01	530.82	521.07	1.63	ppb
Selenium	82-1	515.05	512.53	509.08	512.22	0.59	ppb
Silicon	28-1	542.97	545.01	545.28	544.42	0.23	ppb
Silver	109-1	507.22	511.48	514.85	511.19	0.75	ppb
Silver	107-1	511.09	512.68	516.91	513.56	0.59	ppb
Sodium	23-2	229410.50	230151.67	235580.24	231714.14	1.45	ppb
Strontium	86-1	496.53	482.36	490.84	489.91	1.45	ppb
Strontium	88-1	490.82	480.74	476.84	482.80	1.50	ppb
Sulfur	34-1	9983.22	9602.07	9635.15	9740.15	2.17	ppb
Terbium	159-1				95		%
Terbium	159-2				98		%
Thallium	203-1	498.02	506.58	505.02	503.21	0.91	ppb
Thallium	205-1	498.97	506.57	499.70	501.74	0.84	ppb
Thorium	232-1	501.47	514.53	505.14	507.05	1.33	ppb
Tin	118-1	469.80	479.61	481.38	476.93	1.31	ppb
Titanium	47-1	2397.77	2394.93	2367.55	2386.75	0.70	ppb
Uranium	238-1	502.76	504.77	504.59	504.04	0.22	ppb
Vanadium	51-2	467.61	474.36	476.49	472.82	0.98	ppb
Yttrium	89-1				95		%
Yttrium	89-2				98		%

LB Number :	LB100928	Operator :	Jaswal
Lab Sample ID :	CCV09	Instrumnet Name :	P7
Client Sample ID :	CCV09	Dilution Factor :	1
Date & Time Acquired ::	2019-02-20 15:26:50	DataFile Name :	023CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zinc	66-2	982.34	987.45	1000.69	990.16	0.96	ppb
Zirconium	90-1	478.21	472.60	482.04	477.62	0.99	ppb
Zirconium	91-1	477.92	476.06	483.58	479.19	0.82	ppb

LB Number :	LB100928	Operator :	Jaswal
Lab Sample ID :	CCB09	Instrumnet Name :	P7
Client Sample ID :	CCB09	Dilution Factor :	1
Date & Time Acquired ::	2019-02-20 15:32:21	DataFile Name :	024CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	4.33	4.69	4.84	4.62	5.74	ppb
Antimony	121-1	0.13	0.13	0.12	0.13	2.10	ppb
Arsenic	75-2	0.05	0.04	0.05	0.05	8.92	ppb
Barium	135-1	0.26	0.19	0.20	0.22	17.98	ppb
Barium	137-1	0.25	0.23	0.21	0.23	7.54	ppb
Beryllium	9-1	0.05	0.05	0.04	0.05	11.96	ppb
Bismuth	209-1				99		%
Bismuth	209-2				101		%
Boron	10-1	7.40	7.23	6.87	7.17	3.75	ppb
Boron	11-1	7.87	7.06	6.66	7.20	8.56	ppb
Cadmium	111-1	0.10	0.00	-0.01	0.03	216.84	ppb
Cadmium	106-1	0.59	-0.68	-0.70	-0.26		ppb
Cadmium	108-1	0.06	0.06	0.09	0.07	26.11	ppb
Calcium	43-1	20.48	16.49	17.42	18.13	11.50	ppb
Calcium	44-1	52.53	46.69	46.29	48.50	7.21	ppb
Chromium	52-2	0.04	0.04	0.06	0.05	17.89	ppb
Cobalt	59-2	0.04	0.04	0.04	0.04	10.69	ppb
Copper	63-2	0.15	0.17	0.16	0.16	6.50	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				99		%
Holmium	165-2				102		%
Indium	115-1				101		%
Indium	115-2				102		%
Iron	56-2	13.12	13.34	13.64	13.37	1.96	ppb
Iron	57-2	12.33	14.46	13.75	13.52	8.03	ppb
Krypton	83-1						cps
Lead	206-1	0.06	0.07	0.07	0.07	10.17	ppb
Lead	207-1	0.07	0.08	0.06	0.07	13.99	ppb
Lead	208-1	0.07	0.07	0.07	0.07	4.87	ppb
Lithium	6-1				104		%
Magnesium	24-2	19.50	21.45	21.60	20.85	5.61	ppb

LB Number :	LB100928	Operator :	Jaswal
Lab Sample ID :	CCB09	Instrumnet Name :	P7
Client Sample ID :	CCB09	Dilution Factor :	1
Date & Time Acquired ::	2019-02-20 15:32:21	DataFile Name :	024CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	0.09	0.08	0.10	0.09	8.94	ppb
Molybdenum	94-1	0.30	0.30	0.28	0.29	2.84	ppb
Molybdenum	95-1	0.27	0.25	0.24	0.25	5.37	ppb
Molybdenum	96-1	0.26	0.28	0.25	0.26	6.96	ppb
Molybdenum	97-1	0.30	0.27	0.21	0.26	16.28	ppb
Molybdenum	98-1	0.29	0.26	0.25	0.27	7.59	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.07	0.04	0.06	0.06	23.99	ppb
Phosphorus	31-2	-31.24	-27.91	-20.99	-26.72		ppb
Potassium	39-2	24.88	24.54	21.96	23.79	6.71	ppb
Rhodium	103-1				101		%
Rhodium	103-2				102		%
Scandium	45-1				103		%
Scandium	45-2				103		%
Selenium	77-2	-0.03	0.31	0.14	0.14	120.70	ppb
Selenium	78-2	0.18	-0.25	0.08	0.00	9177.14	ppb
Selenium	82-1	0.08	0.52	-0.12	0.16	205.26	ppb
Silicon	28-1	3.51	2.57	2.17	2.75	24.99	ppb
Silver	109-1	0.06	0.07	0.07	0.07	5.72	ppb
Silver	107-1	0.06	0.07	0.05	0.06	11.05	ppb
Sodium	23-2	43.49	42.56	43.28	43.11	1.13	ppb
Strontium	86-1	0.06	0.08	0.03	0.06	45.09	ppb
Strontium	88-1	0.04	0.04	0.04	0.04	5.01	ppb
Sulfur	34-1	-183.19	-313.08	-297.92	-264.73		ppb
Terbium	159-1				100		%
Terbium	159-2				102		%
Thallium	203-1	0.12	0.11	0.10	0.11	10.91	ppb
Thallium	205-1	0.11	0.11	0.11	0.11	2.95	ppb
Thorium	232-1	0.08	0.07	0.07	0.07	7.11	ppb
Tin	118-1	0.10	0.12	0.11	0.11	8.56	ppb
Titanium	47-1	0.11	0.16	0.08	0.12	31.94	ppb
Uranium	238-1	0.03	0.03	0.03	0.03	3.63	ppb
Vanadium	51-2	0.05	0.04	0.04	0.04	11.08	ppb
Yttrium	89-1				102		%
Yttrium	89-2				103		%

LB Number :	LB100928	Operator :	Jaswal
Lab Sample ID :	CCB09	Instrumnet Name :	P7
Client Sample ID :	CCB09	Dilution Factor :	1
Date & Time Acquired ::	2019-02-20 15:32:21	DataFile Name :	024CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zinc	66-2	0.20	0.12	0.17	0.16	25.43	ppb
Zirconium	90-1	0.05	0.05	0.05	0.05	2.92	ppb
Zirconium	91-1	0.03	0.05	0.05	0.04	30.60	ppb

LB Number :	LB100928	Operator :	Jaswal
Lab Sample ID :	PB117247BL	Instrumnet Name :	P7
Client Sample ID :	PB117247BL	Dilution Factor :	1
Date & Time Acquired ::	2019-02-20 15:35:57	DataFile Name :	025CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	0.87	0.62	0.71	0.73	17.48	ppb
Antimony	121-1	0.06	0.05	0.05	0.05	7.58	ppb
Arsenic	75-2	0.01	0.01	0.01	0.01	48.01	ppb
Barium	135-1	0.08	0.06	0.04	0.06	32.99	ppb
Barium	137-1	0.06	0.06	0.04	0.05	20.14	ppb
Beryllium	9-1	0.03	0.02	0.02	0.02	24.04	ppb
Bismuth	209-1				100		%
Bismuth	209-2				99		%
Boron	10-1	3.86	3.83	3.74	3.81	1.58	ppb
Boron	11-1	4.18	4.17	3.99	4.11	2.53	ppb
Cadmium	111-1	0.12	-0.02	0.03	0.04	161.72	ppb
Cadmium	106-1	1.16	-0.44	0.17	0.29	275.09	ppb
Cadmium	108-1	0.03	0.06	0.02	0.04	66.68	ppb
Calcium	43-1	6.08	5.16	3.21	4.82	30.36	ppb
Calcium	44-1	27.95	28.61	28.91	28.49	1.73	ppb
Chromium	52-2	0.00	0.01	0.00	0.00	132.19	ppb
Cobalt	59-2	0.00	0.00	0.00	0.00	12.37	ppb
Copper	63-2	0.09	0.09	0.08	0.08	7.37	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				100		%
Holmium	165-2				101		%
Indium	115-1				102		%
Indium	115-2				100		%
Iron	56-2	2.72	2.35	2.15	2.41	12.08	ppb
Iron	57-2	2.45	2.66	2.38	2.50	5.91	ppb
Krypton	83-1						cps
Lead	206-1	0.04	0.03	0.03	0.03	18.23	ppb
Lead	207-1	0.03	0.04	0.03	0.03	17.68	ppb
Lead	208-1	0.03	0.03	0.03	0.03	15.56	ppb
Lithium	6-1				104		%
Magnesium	24-2	2.72	2.22	1.94	2.29	17.21	ppb

LB Number :	LB100928	Operator :	Jaswal
Lab Sample ID :	PB117247BL	Instrumnet Name :	P7
Client Sample ID :	PB117247BL	Dilution Factor :	1
Date & Time Acquired ::	2019-02-20 15:35:57	DataFile Name :	025CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	0.01	0.01	0.01	0.01	11.50	ppb
Molybdenum	94-1	0.16	0.13	0.10	0.13	20.48	ppb
Molybdenum	95-1	0.11	0.12	0.09	0.11	15.96	ppb
Molybdenum	96-1	0.12	0.12	0.11	0.12	3.46	ppb
Molybdenum	97-1	0.12	0.10	0.10	0.11	13.81	ppb
Molybdenum	98-1	0.13	0.11	0.10	0.11	10.62	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.02	0.02	0.01	0.02	49.04	ppb
Phosphorus	31-2	-26.70	-26.72	-31.63	-28.35		ppb
Potassium	39-2	11.89	12.62	12.18	12.23	3.00	ppb
Rhodium	103-1				102		%
Rhodium	103-2				100		%
Scandium	45-1				103		%
Scandium	45-2				102		%
Selenium	77-2	-0.03	0.06	0.06	0.03	175.96	ppb
Selenium	78-2	0.20	0.04	0.20	0.15	62.84	ppb
Selenium	82-1	-0.12	-0.03	0.11	-0.01		ppb
Silicon	28-1	0.88	0.75	0.46	0.70	31.36	ppb
Silver	109-1	0.02	0.02	0.02	0.02	12.82	ppb
Silver	107-1	0.02	0.02	0.02	0.02	10.78	ppb
Sodium	23-2	21.18	21.18	20.72	21.03	1.25	ppb
Strontium	86-1	0.01	0.01	0.03	0.02	65.40	ppb
Strontium	88-1	0.01	0.01	0.01	0.01	37.91	ppb
Sulfur	34-1	-224.13	-226.53	-181.06	-210.58		ppb
Terbium	159-1				102		%
Terbium	159-2				102		%
Thallium	203-1	0.06	0.05	0.06	0.06	6.82	ppb
Thallium	205-1	0.05	0.05	0.05	0.05	3.93	ppb
Thorium	232-1	0.04	0.04	0.03	0.04	14.74	ppb
Tin	118-1	0.05	0.06	0.02	0.04	41.01	ppb
Titanium	47-1	0.05	0.01	0.01	0.02	104.85	ppb
Uranium	238-1	0.01	0.01	0.01	0.01	15.75	ppb
Vanadium	51-2	0.00	0.00	0.00	0.00	27.99	ppb
Yttrium	89-1				102		%
Yttrium	89-2				101		%

LB Number :	LB100928	Operator :	Jaswal
Lab Sample ID :	PB117247BL	Instrumnet Name :	P7
Client Sample ID :	PB117247BL	Dilution Factor :	1
Date & Time Acquired ::	2019-02-20 15:35:57	DataFile Name :	025CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zinc	66-2	0.02	0.04	0.03	0.03	42.48	ppb
Zirconium	90-1	0.03	0.03	0.02	0.03	22.82	ppb
Zirconium	91-1	0.02	0.03	0.03	0.03	13.38	ppb

LB Number :	LB100928	Operator :	Jaswal
Lab Sample ID :	PB117247BS	Instrumnet Name :	P7
Client Sample ID :	PB117247BS	Dilution Factor :	1
Date & Time Acquired ::	2019-02-20 15:39:34	DataFile Name :	026LCS6.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	9241.19	9178.25	9381.35	9266.93	1.12	ppb
Antimony	121-1	502.93	504.27	503.77	503.66	0.13	ppb
Arsenic	75-2	512.42	504.49	515.11	510.67	1.08	ppb
Barium	135-1	2469.57	2478.09	2453.32	2466.99	0.51	ppb
Barium	137-1	2471.47	2513.84	2472.54	2485.95	0.97	ppb
Beryllium	9-1	497.56	497.82	495.19	496.86	0.29	ppb
Bismuth	209-1				93		%
Bismuth	209-2				92		%
Boron	10-1	474.30	481.79	493.81	483.30	2.04	ppb
Boron	11-1	471.18	485.28	494.15	483.54	2.39	ppb
Cadmium	111-1	504.18	514.05	504.32	507.52	1.11	ppb
Cadmium	106-1	520.60	512.91	509.54	514.35	1.10	ppb
Cadmium	108-1	516.26	519.00	518.97	518.08	0.30	ppb
Calcium	43-1	48753.37	49793.96	50299.50	49615.61	1.59	ppb
Calcium	44-1	48169.64	48183.11	48939.83	48430.86	0.91	ppb
Chromium	52-2	497.18	485.82	487.61	490.20	1.25	ppb
Cobalt	59-2	495.63	492.73	496.11	494.82	0.37	ppb
Copper	63-2	1000.09	991.67	1001.03	997.60	0.52	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				99		%
Holmium	165-2				99		%
Indium	115-1				96		%
Indium	115-2				95		%
Iron	56-2	25758.21	25690.03	25835.96	25761.40	0.28	ppb
Iron	57-2	25856.23	25526.08	25884.88	25755.73	0.77	ppb
Krypton	83-1						cps
Lead	206-1	491.00	494.91	487.31	491.07	0.77	ppb
Lead	207-1	492.90	491.72	490.61	491.74	0.23	ppb
Lead	208-1	489.91	490.15	489.71	489.92	0.05	ppb
Lithium	6-1				100		%
Magnesium	24-2	49989.95	48992.96	49455.17	49479.36	1.01	ppb

LB Number :	LB100928	Operator :	Jaswal
Lab Sample ID :	PB117247BS	Instrumnet Name :	P7
Client Sample ID :	PB117247BS	Dilution Factor :	1
Date & Time Acquired ::	2019-02-20 15:39:34	DataFile Name :	026LCS6.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	987.69	983.61	983.05	984.78	0.26	ppb
Molybdenum	94-1	2427.80	2446.16	2478.17	2450.71	1.04	ppb
Molybdenum	95-1	2443.45	2433.74	2438.81	2438.67	0.20	ppb
Molybdenum	96-1	2451.53	2460.83	2444.98	2452.44	0.32	ppb
Molybdenum	97-1	2424.31	2445.08	2437.23	2435.54	0.43	ppb
Molybdenum	98-1	2442.53	2456.15	2442.69	2447.12	0.32	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	497.79	495.34	502.28	498.47	0.71	ppb
Phosphorus	31-2	9964.01	9940.35	9872.32	9925.56	0.48	ppb
Potassium	39-2	22869.32	22768.54	22675.48	22771.11	0.43	ppb
Rhodium	103-1				94		%
Rhodium	103-2				93		%
Scandium	45-1				99		%
Scandium	45-2				100		%
Selenium	77-2	521.47	514.34	514.30	516.70	0.80	ppb
Selenium	78-2	522.60	511.86	514.10	516.19	1.10	ppb
Selenium	82-1	506.29	512.56	512.02	510.29	0.68	ppb
Silicon	28-1	519.33	524.80	524.57	522.90	0.59	ppb
Silver	109-1	510.91	509.87	507.82	509.54	0.31	ppb
Silver	107-1	511.95	517.20	510.93	513.36	0.65	ppb
Sodium	23-2	47446.39	47355.94	47834.31	47545.55	0.53	ppb
Strontium	86-1	501.58	496.50	495.60	497.89	0.65	ppb
Strontium	88-1	490.00	490.13	489.11	489.75	0.11	ppb
Sulfur	34-1	9789.62	9689.45	9913.83	9797.64	1.15	ppb
Terbium	159-1				100		%
Terbium	159-2				100		%
Thallium	203-1	491.72	492.66	492.52	492.30	0.10	ppb
Thallium	205-1	494.57	485.28	489.41	489.76	0.95	ppb
Thorium	232-1	480.79	476.05	476.61	477.82	0.54	ppb
Tin	118-1	500.35	503.13	496.80	500.09	0.63	ppb
Titanium	47-1	2437.07	2427.93	2475.47	2446.83	1.03	ppb
Uranium	238-1	471.19	470.73	472.91	471.61	0.24	ppb
Vanadium	51-2	491.93	484.55	486.71	487.73	0.78	ppb
Yttrium	89-1				99		%
Yttrium	89-2				98		%

LB Number :	LB100928	Operator :	Jaswal
Lab Sample ID :	PB117247BS	Instrumnet Name :	P7
Client Sample ID :	PB117247BS	Dilution Factor :	1
Date & Time Acquired ::	2019-02-20 15:39:34	DataFile Name :	026LCS6.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zinc	66-2	1017.87	1015.34	1026.31	1019.84	0.56	ppb
Zirconium	90-1	490.39	495.39	481.95	489.24	1.39	ppb
Zirconium	91-1	481.34	489.83	500.63	490.60	1.97	ppb

LB Number :	LB100928	Operator :	Jaswal
Lab Sample ID :	K1281-01	Instrumnet Name :	P7
Client Sample ID :	SB-16(35.5-36)	Dilution Factor :	1
Date & Time Acquired ::	2019-02-20 15:43:13	DataFile Name :	027SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	97190.41	97590.36	96006.47	96929.08	0.85	ppb
Antimony	121-1	0.33	0.36	0.37	0.35	6.41	ppb
Arsenic	75-2	129.82	128.06	128.39	128.76	0.72	ppb
Barium	135-1	1180.69	1145.90	1188.92	1171.84	1.95	ppb
Barium	137-1	1179.52	1158.74	1172.43	1170.23	0.90	ppb
Beryllium	9-1	8.05	8.15	8.34	8.18	1.82	ppb
Bismuth	209-1				86		%
Bismuth	209-2				88		%
Boron	10-1	61.12	60.73	61.77	61.21	0.86	ppb
Boron	11-1	62.11	63.83	61.94	62.62	1.67	ppb
Cadmium	111-1	3.09	3.17	2.98	3.08	3.15	ppb
Cadmium	106-1	28.08	27.93	26.33	27.45	3.52	ppb
Cadmium	108-1	10.09	10.08	10.23	10.13	0.84	ppb
Calcium	43-1	15418.05	15549.85	15606.65	15524.85	0.62	ppb
Calcium	44-1	15403.66	15531.36	15369.93	15434.98	0.55	ppb
Chromium	52-2	194.43	195.13	192.75	194.11	0.63	ppb
Cobalt	59-2	159.29	158.86	157.26	158.47	0.67	ppb
Copper	63-2	102.06	101.18	99.53	100.92	1.28	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				95		%
Holmium	165-2				99		%
Indium	115-1				92		%
Indium	115-2				95		%
Iron	56-2	277272.16	275673.72	272416.80	275120.89	0.90	ppb
Iron	57-2	272323.72	274408.72	269542.50	272091.65	0.90	ppb
Krypton	83-1						cps
Lead	206-1	83.98	84.70	84.60	84.43	0.46	ppb
Lead	207-1	75.41	75.55	76.15	75.70	0.52	ppb
Lead	208-1	80.22	80.06	81.02	80.43	0.64	ppb
Lithium	6-1				108		%
Magnesium	24-2	63385.35	63850.41	62202.43	63146.06	1.35	ppb

LB Number :	LB100928	Operator :	Jaswal
Lab Sample ID :	K1281-01	Instrumnet Name :	P7
Client Sample ID :	SB-16(35.5-36)	Dilution Factor :	1
Date & Time Acquired ::	2019-02-20 15:43:13	DataFile Name :	027SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	7763.20	7846.36	7660.58	7756.71	1.20	ppb
Molybdenum	94-1	75.21	76.13	76.71	76.01	1.00	ppb
Molybdenum	95-1	4.65	4.70	4.86	4.74	2.34	ppb
Molybdenum	96-1	14.14	14.30	14.44	14.30	1.04	ppb
Molybdenum	97-1	4.54	4.66	4.88	4.69	3.68	ppb
Molybdenum	98-1	4.62	4.67	4.71	4.67	0.94	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	310.12	310.16	307.26	309.18	0.54	ppb
Phosphorus	31-2	1664.95	1721.70	1682.24	1689.63	1.72	ppb
Potassium	39-2	21895.11	21932.88	21647.46	21825.15	0.71	ppb
Rhodium	103-1				90		%
Rhodium	103-2				91		%
Scandium	45-1				111		%
Scandium	45-2				115		%
Selenium	77-2	49.25	46.54	46.96	47.58	3.07	ppb
Selenium	78-2	10.00	10.15	10.40	10.18	1.99	ppb
Selenium	82-1	1.80	1.85	1.56	1.74	8.91	ppb
Silicon	28-1	790.66	1033.43	803.34	875.81	15.60	ppb
Silver	109-1	0.18	0.19	0.19	0.19	1.89	ppb
Silver	107-1	0.28	0.30	0.29	0.29	4.36	ppb
Sodium	23-2	1713.43	1698.49	1659.33	1690.42	1.65	ppb
Strontium	86-1	163.83	158.52	161.28	161.21	1.65	ppb
Strontium	88-1	161.14	159.58	159.99	160.24	0.50	ppb
Sulfur	34-1	-951.81	-823.71	-892.78	-889.43		ppb
Terbium	159-1				97		%
Terbium	159-2				100		%
Thallium	203-1	2.76	2.76	2.83	2.78	1.63	ppb
Thallium	205-1	2.85	2.86	2.88	2.86	0.47	ppb
Thorium	232-1	53.39	53.15	54.05	53.53	0.88	ppb
Tin	118-1	1.28	1.23	1.37	1.29	5.41	ppb
Titanium	47-1	533.70	525.75	528.81	529.42	0.76	ppb
Uranium	238-1	10.47	10.29	10.56	10.44	1.34	ppb
Vanadium	51-2	789.02	775.23	770.22	778.16	1.25	ppb
Yttrium	89-1				135		%
Yttrium	89-2				138		%

LB Number :	LB100928	Operator :	Jaswal
Lab Sample ID :	K1281-01	Instrumnet Name :	P7
Client Sample ID :	SB-16(35.5-36)	Dilution Factor :	1
Date & Time Acquired ::	2019-02-20 15:43:13	DataFile Name :	027SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zinc	66-2	657.60	653.96	652.79	654.78	0.38	ppb
Zirconium	90-1	50.17	51.01	51.38	50.85	1.22	ppb
Zirconium	91-1	51.12	50.97	52.58	51.55	1.72	ppb

LB Number :	LB100928	Operator :	Jaswal
Lab Sample ID :	K1281-02	Instrumnet Name :	P7
Client Sample ID :	SB-15(33.5-34)	Dilution Factor :	1
Date & Time Acquired ::	2019-02-20 15:46:53	DataFile Name :	028SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	87413.44	79719.27	81476.88	82869.86	4.87	ppb
Antimony	121-1	0.10	0.09	0.09	0.09	2.99	ppb
Arsenic	75-2	22.21	21.00	20.85	21.35	3.50	ppb
Barium	135-1	896.46	905.27	902.04	901.26	0.49	ppb
Barium	137-1	901.54	893.92	897.65	897.71	0.42	ppb
Beryllium	9-1	6.55	6.68	6.73	6.66	1.38	ppb
Bismuth	209-1				90		%
Bismuth	209-2				95		%
Boron	10-1	36.97	37.51	37.03	37.17	0.81	ppb
Boron	11-1	38.40	37.66	38.35	38.13	1.08	ppb
Cadmium	111-1	1.99	1.89	1.93	1.94	2.45	ppb
Cadmium	106-1	23.92	23.15	23.05	23.37	2.02	ppb
Cadmium	108-1	9.86	9.65	9.72	9.74	1.09	ppb
Calcium	43-1	12023.83	11894.96	11797.99	11905.59	0.95	ppb
Calcium	44-1	11885.87	11742.77	11767.74	11798.79	0.65	ppb
Chromium	52-2	187.95	175.06	179.10	180.70	3.65	ppb
Cobalt	59-2	113.75	105.86	108.09	109.23	3.72	ppb
Copper	63-2	107.98	101.33	103.13	104.15	3.30	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				100		%
Holmium	165-2				105		%
Indium	115-1				96		%
Indium	115-2				101		%
Iron	56-2	169492.51	154894.22	160416.64	161601.12	4.56	ppb
Iron	57-2	166648.23	155732.15	158847.64	160409.34	3.51	ppb
Krypton	83-1						cps
Lead	206-1	88.62	90.09	89.55	89.42	0.83	ppb
Lead	207-1	80.60	82.06	81.62	81.43	0.92	ppb
Lead	208-1	85.13	86.30	86.06	85.83	0.72	ppb
Lithium	6-1				110		%
Magnesium	24-2	57593.30	53378.83	54858.60	55276.91	3.87	ppb

LB Number :	LB100928	Operator :	Jaswal
Lab Sample ID :	K1281-02	Instrumnet Name :	P7
Client Sample ID :	SB-15(33.5-34)	Dilution Factor :	1
Date & Time Acquired ::	2019-02-20 15:46:53	DataFile Name :	028SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	5987.25	5581.96	5732.55	5767.25	3.55	ppb
Molybdenum	94-1	79.04	78.28	79.45	78.92	0.75	ppb
Molybdenum	95-1	4.11	4.09	4.03	4.08	0.99	ppb
Molybdenum	96-1	13.59	13.71	13.70	13.67	0.47	ppb
Molybdenum	97-1	4.20	4.09	4.11	4.13	1.49	ppb
Molybdenum	98-1	4.12	3.96	4.15	4.08	2.45	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	262.10	244.15	249.42	251.89	3.66	ppb
Phosphorus	31-2	2337.41	2160.01	2219.61	2239.01	4.03	ppb
Potassium	39-2	15845.49	14826.68	14994.86	15222.34	3.59	ppb
Rhodium	103-1				93		%
Rhodium	103-2				98		%
Scandium	45-1				114		%
Scandium	45-2				119		%
Selenium	77-2	51.00	45.90	45.56	47.49	6.41	ppb
Selenium	78-2	9.82	9.93	9.62	9.79	1.62	ppb
Selenium	82-1	1.49	1.28	1.59	1.45	10.73	ppb
Silicon	28-1	322.30	329.00	337.23	329.51	2.27	ppb
Silver	109-1	0.06	0.06	0.05	0.06	7.31	ppb
Silver	107-1	0.15	0.15	0.15	0.15	0.67	ppb
Sodium	23-2	1839.00	1708.21	1738.81	1762.01	3.88	ppb
Strontium	86-1	97.42	95.50	98.52	97.15	1.57	ppb
Strontium	88-1	96.89	96.80	97.11	96.94	0.17	ppb
Sulfur	34-1	-1092.17	-1122.03	-1192.35	-1135.52		ppb
Terbium	159-1				101		%
Terbium	159-2				107		%
Thallium	203-1	1.59	1.63	1.60	1.61	1.38	ppb
Thallium	205-1	1.62	1.62	1.63	1.62	0.42	ppb
Thorium	232-1	41.02	41.40	41.61	41.35	0.73	ppb
Tin	118-1	2.20	2.09	2.12	2.14	2.55	ppb
Titanium	47-1	671.84	671.06	671.78	671.56	0.07	ppb
Uranium	238-1	7.61	7.73	7.62	7.66	0.87	ppb
Vanadium	51-2	246.34	231.64	237.57	238.51	3.10	ppb
Yttrium	89-1				133		%
Yttrium	89-2				138		%

LB Number :	LB100928	Operator :	Jaswal
Lab Sample ID :	K1281-02	Instrumnet Name :	P7
Client Sample ID :	SB-15(33.5-34)	Dilution Factor :	1
Date & Time Acquired ::	2019-02-20 15:46:53	DataFile Name :	028SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zinc	66-2	633.56	591.69	606.56	610.60	3.48	ppb
Zirconium	90-1	53.48	53.19	54.03	53.57	0.80	ppb
Zirconium	91-1	54.00	53.15	53.81	53.65	0.83	ppb

LB Number :	LB100928	Operator :	Jaswal
Lab Sample ID :	K1308-01RE	Instrumnet Name :	P7
Client Sample ID :	SB-17(34.2-34.8)RE	Dilution Factor :	1
Date & Time Acquired ::	2019-02-20 15:50:31	DataFile Name :	029SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	13266.27	13192.70	13484.73	13314.57	1.14	ppb
Antimony	121-1	0.05	0.05	0.06	0.05	11.62	ppb
Arsenic	75-2	15.32	15.16	15.37	15.28	0.72	ppb
Barium	135-1	176.50	179.18	177.34	177.67	0.77	ppb
Barium	137-1	177.93	177.79	179.17	178.30	0.43	ppb
Beryllium	9-1	1.86	1.86	1.84	1.86	0.62	ppb
Bismuth	209-1				97		%
Bismuth	209-2				101		%
Boron	10-1	11.41	10.89	10.75	11.02	3.13	ppb
Boron	11-1	11.41	11.63	11.37	11.47	1.25	ppb
Cadmium	111-1	0.45	0.41	0.37	0.41	9.13	ppb
Cadmium	106-1	4.30	4.11	3.42	3.94	11.78	ppb
Cadmium	108-1	1.42	1.77	1.51	1.57	11.50	ppb
Calcium	43-1	2603.36	2564.14	2588.57	2585.36	0.77	ppb
Calcium	44-1	2740.32	2708.84	2733.38	2727.51	0.61	ppb
Chromium	52-2	35.22	35.23	35.16	35.21	0.11	ppb
Cobalt	59-2	30.58	30.37	30.21	30.39	0.62	ppb
Copper	63-2	20.44	20.86	20.45	20.58	1.16	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				101		%
Holmium	165-2				105		%
Indium	115-1				100		%
Indium	115-2				105		%
Iron	56-2	40759.13	41648.64	41061.29	41156.35	1.10	ppb
Iron	57-2	41145.75	40791.11	40197.03	40711.29	1.18	ppb
Krypton	83-1						cps
Lead	206-1	15.42	15.68	15.58	15.56	0.84	ppb
Lead	207-1	14.00	14.40	14.08	14.16	1.52	ppb
Lead	208-1	14.83	15.01	14.87	14.90	0.65	ppb
Lithium	6-1				105		%
Magnesium	24-2	10665.72	10664.40	10659.62	10663.25	0.03	ppb

LB Number :	LB100928	Operator :	Jaswal
Lab Sample ID :	K1308-01RE	Instrumnet Name :	P7
Client Sample ID :	SB-17(34.2-34.8)RE	Dilution Factor :	1
Date & Time Acquired ::	2019-02-20 15:50:31	DataFile Name :	029SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	1593.42	1603.31	1565.91	1587.55	1.22	ppb
Molybdenum	94-1	15.18	15.43	15.69	15.44	1.64	ppb
Molybdenum	95-1	0.47	0.45	0.52	0.48	7.11	ppb
Molybdenum	96-1	2.57	2.59	2.59	2.58	0.43	ppb
Molybdenum	97-1	0.53	0.54	0.52	0.53	1.80	ppb
Molybdenum	98-1	0.49	0.52	0.48	0.50	4.01	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	48.57	49.10	48.07	48.58	1.06	ppb
Phosphorus	31-2	644.84	644.09	608.07	632.33	3.32	ppb
Potassium	39-2	2011.36	2035.80	2028.00	2025.05	0.62	ppb
Rhodium	103-1				100		%
Rhodium	103-2				103		%
Scandium	45-1				104		%
Scandium	45-2				109		%
Selenium	77-2	12.16	11.94	13.22	12.44	5.48	ppb
Selenium	78-2	2.66	2.34	1.96	2.32	15.09	ppb
Selenium	82-1	0.43	0.50	0.25	0.39	31.79	ppb
Silicon	28-1	157.70	110.87	148.83	139.13	17.88	ppb
Silver	109-1	0.02	0.02	0.02	0.02	14.68	ppb
Silver	107-1	0.03	0.04	0.04	0.04	0.18	ppb
Sodium	23-2	545.66	543.81	541.24	543.57	0.41	ppb
Strontium	86-1	19.63	19.59	19.89	19.70	0.84	ppb
Strontium	88-1	19.63	19.42	19.73	19.60	0.81	ppb
Sulfur	34-1	-899.70	-919.19	-961.44	-926.78		ppb
Terbium	159-1				102		%
Terbium	159-2				106		%
Thallium	203-1	0.21	0.23	0.23	0.22	5.02	ppb
Thallium	205-1	0.22	0.23	0.24	0.23	3.89	ppb
Thorium	232-1	6.94	6.97	6.91	6.94	0.43	ppb
Tin	118-1	0.31	0.29	0.29	0.30	2.98	ppb
Titanium	47-1	155.57	155.96	154.93	155.49	0.34	ppb
Uranium	238-1	1.53	1.53	1.53	1.53	0.10	ppb
Vanadium	51-2	64.76	65.70	65.44	65.30	0.75	ppb
Yttrium	89-1				108		%
Yttrium	89-2				112		%

LB Number :	LB100928	Operator :	Jaswal
Lab Sample ID :	K1308-01RE	Instrumnet Name :	P7
Client Sample ID :	SB-17(34.2-34.8)RE	Dilution Factor :	1
Date & Time Acquired ::	2019-02-20 15:50:31	DataFile Name :	029SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zinc	66-2	135.95	138.36	137.54	137.28	0.89	ppb
Zirconium	90-1	10.69	10.78	10.75	10.74	0.42	ppb
Zirconium	91-1	10.69	10.69	10.78	10.72	0.48	ppb

LB Number :	LB100928	Operator :	Jaswal
Lab Sample ID :	K1308-01DUPRE	Instrumnet Name :	P7
Client Sample ID :	SB-17(34.2-34.8)DUP	Dilution Factor :	1
Date & Time Acquired ::	2019-02-20 15:54:08	DataFile Name :	030SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	36607.56	36306.74	35563.32	36159.20	1.49	ppb
Antimony	121-1	0.07	0.07	0.07	0.07	3.26	ppb
Arsenic	75-2	37.58	37.67	36.89	37.38	1.14	ppb
Barium	135-1	468.25	477.53	465.08	470.29	1.38	ppb
Barium	137-1	470.71	471.46	472.25	471.47	0.16	ppb
Beryllium	9-1	4.74	4.65	4.67	4.69	1.06	ppb
Bismuth	209-1				93		%
Bismuth	209-2				94		%
Boron	10-1	19.70	18.98	19.64	19.44	2.04	ppb
Boron	11-1	19.02	18.77	19.84	19.21	2.92	ppb
Cadmium	111-1	1.12	1.08	1.10	1.10	2.02	ppb
Cadmium	106-1	10.94	11.12	11.06	11.04	0.85	ppb
Cadmium	108-1	4.09	4.36	4.22	4.22	3.12	ppb
Calcium	43-1	6530.37	6538.87	6484.32	6517.85	0.45	ppb
Calcium	44-1	6662.19	6452.96	6481.10	6532.08	1.74	ppb
Chromium	52-2	94.94	94.87	94.50	94.77	0.25	ppb
Cobalt	59-2	81.24	81.96	80.44	81.22	0.94	ppb
Copper	63-2	53.74	54.62	53.96	54.11	0.85	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				99		%
Holmium	165-2				101		%
Indium	115-1				96		%
Indium	115-2				97		%
Iron	56-2	109387.13	111328.43	110192.86	110302.81	0.88	ppb
Iron	57-2	110584.00	110987.22	108771.19	110114.14	1.07	ppb
Krypton	83-1						cps
Lead	206-1	41.58	41.95	42.04	41.86	0.59	ppb
Lead	207-1	37.55	38.29	38.53	38.12	1.34	ppb
Lead	208-1	39.54	40.05	40.17	39.92	0.83	ppb
Lithium	6-1				105		%
Magnesium	24-2	28917.53	28799.57	28597.18	28771.43	0.56	ppb

LB Number :	LB100928	Operator :	Jaswal
Lab Sample ID :	K1308-01DUPRE	Instrumnet Name :	P7
Client Sample ID :	SB-17(34.2-34.8)DUP	Dilution Factor :	1
Date & Time Acquired ::	2019-02-20 15:54:08	DataFile Name :	030SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	4270.15	4324.91	4262.51	4285.86	0.79	ppb
Molybdenum	94-1	38.68	39.25	38.43	38.79	1.07	ppb
Molybdenum	95-1	1.17	1.17	1.16	1.17	0.55	ppb
Molybdenum	96-1	6.10	6.12	6.22	6.15	1.00	ppb
Molybdenum	97-1	1.12	1.23	1.23	1.19	5.46	ppb
Molybdenum	98-1	1.15	1.19	1.13	1.16	2.32	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	128.41	128.04	127.46	127.97	0.38	ppb
Phosphorus	31-2	1747.69	1682.93	1693.57	1708.07	2.03	ppb
Potassium	39-2	5627.03	5620.90	5560.79	5602.90	0.65	ppb
Rhodium	103-1				95		%
Rhodium	103-2				95		%
Scandium	45-1				105		%
Scandium	45-2				105		%
Selenium	77-2	30.61	33.41	31.29	31.77	4.61	ppb
Selenium	78-2	6.27	6.76	6.34	6.46	4.13	ppb
Selenium	82-1	0.59	0.86	0.70	0.71	19.13	ppb
Silicon	28-1	237.57	207.63	211.86	219.02	7.40	ppb
Silver	109-1	0.04	0.04	0.04	0.04	6.10	ppb
Silver	107-1	0.10	0.09	0.07	0.09	12.84	ppb
Sodium	23-2	1161.16	1156.49	1131.65	1149.77	1.38	ppb
Strontium	86-1	47.50	48.79	47.29	47.86	1.70	ppb
Strontium	88-1	47.68	48.63	48.67	48.33	1.16	ppb
Sulfur	34-1	-900.30	-969.27	-937.86	-935.81		ppb
Terbium	159-1				99		%
Terbium	159-2				101		%
Thallium	203-1	0.57	0.60	0.58	0.58	3.16	ppb
Thallium	205-1	0.57	0.59	0.59	0.58	1.56	ppb
Thorium	232-1	19.23	19.37	19.74	19.45	1.35	ppb
Tin	118-1	0.74	0.72	0.69	0.72	2.97	ppb
Titanium	47-1	391.21	386.27	382.03	386.50	1.19	ppb
Uranium	238-1	4.22	4.21	4.16	4.19	0.72	ppb
Vanadium	51-2	178.69	178.15	175.87	177.57	0.84	ppb
Yttrium	89-1				113		%
Yttrium	89-2				114		%

LB Number :	LB100928	Operator :	Jaswal
Lab Sample ID :	K1308-01DUPRE	Instrumnet Name :	P7
Client Sample ID :	SB-17(34.2-34.8)DUP	Dilution Factor :	1
Date & Time Acquired ::	2019-02-20 15:54:08	DataFile Name :	030SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zinc	66-2	355.38	358.72	353.34	355.81	0.76	ppb
Zirconium	90-1	27.15	27.14	26.60	26.97	1.16	ppb
Zirconium	91-1	26.99	26.96	26.93	26.96	0.11	ppb

LB Number :	LB100928	Operator :	Jaswal
Lab Sample ID :	K1308-01LREX5	Instrumnet Name :	P7
Client Sample ID :	SB-17(34.2-34.8)L	Dilution Factor :	5
Date & Time Acquired ::	2019-02-20 15:57:46	DataFile Name :	031SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	2883.69	2824.23	2846.83	2851.59	1.05	ppb
Antimony	121-1	0.01	0.01	0.02	0.01	18.09	ppb
Arsenic	75-2	3.32	3.27	3.29	3.29	0.89	ppb
Barium	135-1	35.84	36.60	35.46	35.96	1.61	ppb
Barium	137-1	35.70	36.45	35.28	35.81	1.66	ppb
Beryllium	9-1	0.41	0.39	0.39	0.40	3.01	ppb
Bismuth	209-1				98		%
Bismuth	209-2				98		%
Boron	10-1	3.71	3.81	3.83	3.78	1.73	ppb
Boron	11-1	3.91	3.83	3.79	3.84	1.56	ppb
Cadmium	111-1	0.02	0.05	0.01	0.02	89.30	ppb
Cadmium	106-1	0.00	0.49	-0.18	0.10	336.49	ppb
Cadmium	108-1	0.31	0.32	0.24	0.29	14.06	ppb
Calcium	43-1	526.91	544.51	529.67	533.69	1.77	ppb
Calcium	44-1	578.18	576.58	564.53	573.10	1.30	ppb
Chromium	52-2	7.69	7.60	7.52	7.60	1.15	ppb
Cobalt	59-2	6.63	6.58	6.62	6.61	0.39	ppb
Copper	63-2	4.48	4.43	4.55	4.49	1.29	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				98		%
Holmium	165-2				99		%
Indium	115-1				99		%
Indium	115-2				99		%
Iron	56-2	8971.90	8699.44	8765.37	8812.23	1.61	ppb
Iron	57-2	8698.64	8621.74	8671.15	8663.84	0.45	ppb
Krypton	83-1						cps
Lead	206-1	3.16	3.17	3.06	3.13	1.99	ppb
Lead	207-1	2.77	2.84	2.86	2.83	1.61	ppb
Lead	208-1	2.96	3.00	2.95	2.97	0.94	ppb
Lithium	6-1				103		%
Magnesium	24-2	2309.53	2257.09	2267.90	2278.18	1.22	ppb

LB Number :	LB100928	Operator :	Jaswal
Lab Sample ID :	K1308-01LREX5	Instrumnet Name :	P7
Client Sample ID :	SB-17(34.2-34.8)L	Dilution Factor :	5
Date & Time Acquired ::	2019-02-20 15:57:46	DataFile Name :	031SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	340.18	336.83	337.70	338.24	0.51	ppb
Molybdenum	94-1	3.28	3.24	3.32	3.28	1.19	ppb
Molybdenum	95-1	0.11	0.13	0.10	0.11	10.86	ppb
Molybdenum	96-1	0.55	0.55	0.56	0.55	1.05	ppb
Molybdenum	97-1	0.12	0.11	0.13	0.12	5.36	ppb
Molybdenum	98-1	0.12	0.12	0.13	0.12	3.13	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	10.56	10.51	10.71	10.60	0.99	ppb
Phosphorus	31-2	106.07	117.09	101.34	108.17	7.47	ppb
Potassium	39-2	436.92	432.83	439.88	436.54	0.81	ppb
Rhodium	103-1				98		%
Rhodium	103-2				99		%
Scandium	45-1				100		%
Scandium	45-2				101		%
Selenium	77-2	2.66	2.02	3.10	2.59	21.01	ppb
Selenium	78-2	0.67	0.55	0.99	0.74	30.71	ppb
Selenium	82-1	-0.27	-0.08	-0.08	-0.14		ppb
Silicon	28-1	35.17	35.47	29.66	33.43	9.79	ppb
Silver	109-1	0.01	0.00	0.00	0.00	52.25	ppb
Silver	107-1	0.01	0.01	0.01	0.01	18.83	ppb
Sodium	23-2	122.61	120.34	123.46	122.14	1.32	ppb
Strontium	86-1	4.22	4.13	4.13	4.16	1.29	ppb
Strontium	88-1	4.20	4.16	4.11	4.15	1.04	ppb
Sulfur	34-1	-980.57	-975.63	-1044.75	-1000.32		ppb
Terbium	159-1				100		%
Terbium	159-2				101		%
Thallium	203-1	0.05	0.06	0.05	0.06	9.40	ppb
Thallium	205-1	0.05	0.05	0.05	0.05	6.08	ppb
Thorium	232-1	1.41	1.40	1.38	1.40	1.04	ppb
Tin	118-1	0.05	0.05	0.07	0.06	18.60	ppb
Titanium	47-1	32.16	32.08	31.72	31.99	0.74	ppb
Uranium	238-1	0.30	0.30	0.30	0.30	1.11	ppb
Vanadium	51-2	13.84	13.79	13.79	13.81	0.20	ppb
Yttrium	89-1				101		%
Yttrium	89-2				101		%

LB Number :	LB100928	Operator :	Jaswal
Lab Sample ID :	K1308-01LREX5	Instrumnet Name :	P7
Client Sample ID :	SB-17(34.2-34.8)L	Dilution Factor :	5
Date & Time Acquired ::	2019-02-20 15:57:46	DataFile Name :	031SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zinc	66-2	29.83	29.68	30.39	29.97	1.24	ppb
Zirconium	90-1	2.30	2.30	2.30	2.30	0.12	ppb
Zirconium	91-1	2.28	2.19	2.25	2.24	1.93	ppb

LB Number :	LB100928	Operator :	Jaswal
Lab Sample ID :	K1308-01MS	Instrumnet Name :	P7
Client Sample ID :	SB-17(34.2-34.8)MS	Dilution Factor :	1
Date & Time Acquired ::	2019-02-20 16:01:22	DataFile Name :	032SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	57573.05	56728.53	56790.82	57030.80	0.83	ppb
Antimony	121-1	184.84	187.64	186.97	186.49	0.78	ppb
Arsenic	75-2	415.75	409.11	414.26	413.04	0.84	ppb
Barium	135-1	2904.40	2934.13	2943.27	2927.27	0.69	ppb
Barium	137-1	2908.74	2935.25	2948.53	2930.84	0.69	ppb
Beryllium	9-1	455.36	455.40	455.04	455.27	0.04	ppb
Bismuth	209-1				84		%
Bismuth	209-2				85		%
Boron	10-1	450.29	454.24	462.64	455.72	1.38	ppb
Boron	11-1	452.71	459.47	470.05	460.74	1.90	ppb
Cadmium	111-1	465.39	470.59	467.17	467.72	0.56	ppb
Cadmium	106-1	488.77	498.15	490.21	492.38	1.03	ppb
Cadmium	108-1	473.86	481.64	484.24	479.92	1.13	ppb
Calcium	43-1	52828.33	51727.84	53259.96	52605.38	1.50	ppb
Calcium	44-1	51028.03	51287.91	51723.12	51346.35	0.68	ppb
Chromium	52-2	562.13	568.07	560.01	563.41	0.74	ppb
Cobalt	59-2	552.33	557.48	552.75	554.19	0.52	ppb
Copper	63-2	976.77	983.01	978.65	979.48	0.33	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				92		%
Holmium	165-2				94		%
Indium	115-1				87		%
Indium	115-2				88		%
Iron	56-2	128217.36	128930.78	128718.49	128622.21	0.28	ppb
Iron	57-2	128293.01	128223.23	127801.95	128106.06	0.21	ppb
Krypton	83-1						cps
Lead	206-1	529.61	530.09	525.92	528.54	0.43	ppb
Lead	207-1	512.23	510.88	512.93	512.02	0.20	ppb
Lead	208-1	517.86	519.03	519.23	518.71	0.14	ppb
Lithium	6-1				98		%
Magnesium	24-2	78806.56	78676.90	78432.95	78638.80	0.24	ppb

LB Number :	LB100928	Operator :	Jaswal
Lab Sample ID :	K1308-01MS	Instrumnet Name :	P7
Client Sample ID :	SB-17(34.2-34.8)MS	Dilution Factor :	1
Date & Time Acquired ::	2019-02-20 16:01:22	DataFile Name :	032SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	5827.09	5830.97	5821.22	5826.43	0.08	ppb
Molybdenum	94-1	1940.42	1951.38	1921.29	1937.70	0.79	ppb
Molybdenum	95-1	1725.49	1727.98	1734.61	1729.36	0.27	ppb
Molybdenum	96-1	1759.99	1793.40	1749.83	1767.74	1.29	ppb
Molybdenum	97-1	1733.43	1745.86	1736.28	1738.52	0.37	ppb
Molybdenum	98-1	1721.08	1746.98	1746.59	1738.22	0.85	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	586.14	590.52	587.21	587.95	0.39	ppb
Phosphorus	31-2	1482.51	1492.96	1491.36	1488.94	0.38	ppb
Potassium	39-2	28813.50	28891.02	28300.13	28668.22	1.12	ppb
Rhodium	103-1				85		%
Rhodium	103-2				86		%
Scandium	45-1				99		%
Scandium	45-2				100		%
Selenium	77-2	360.69	358.77	354.90	358.12	0.82	ppb
Selenium	78-2	334.49	329.95	332.56	332.33	0.69	ppb
Selenium	82-1	321.98	321.19	327.17	323.45	1.01	ppb
Silicon	28-1	1194.89	1157.60	1129.64	1160.71	2.82	ppb
Silver	109-1	473.52	471.91	478.30	474.58	0.70	ppb
Silver	107-1	471.09	471.13	474.77	472.33	0.45	ppb
Sodium	23-2	45878.55	45573.96	45870.85	45774.45	0.38	ppb
Strontium	86-1	432.77	437.38	433.80	434.65	0.56	ppb
Strontium	88-1	433.84	429.64	430.11	431.20	0.53	ppb
Sulfur	34-1	-672.66	-769.19	-796.03	-745.96		ppb
Terbium	159-1				94		%
Terbium	159-2				94		%
Thallium	203-1	482.91	477.09	486.54	482.18	0.99	ppb
Thallium	205-1	479.18	483.97	486.62	483.26	0.78	ppb
Thorium	232-1	21.50	21.53	21.50	21.51	0.09	ppb
Tin	118-1	350.36	359.82	358.33	356.17	1.43	ppb
Titanium	47-1	2493.72	2466.71	2510.39	2490.27	0.89	ppb
Uranium	238-1	493.17	491.35	494.52	493.02	0.32	ppb
Vanadium	51-2	678.02	684.04	673.47	678.51	0.78	ppb
Yttrium	89-1				105		%
Yttrium	89-2				105		%

LB Number :	LB100928	Operator :	Jaswal
Lab Sample ID :	K1308-01MS	Instrumnet Name :	P7
Client Sample ID :	SB-17(34.2-34.8)MS	Dilution Factor :	1
Date & Time Acquired ::	2019-02-20 16:01:22	DataFile Name :	032SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zinc	66-2	1216.39	1218.72	1221.84	1218.98	0.22	ppb
Zirconium	90-1	482.61	475.59	478.12	478.77	0.74	ppb
Zirconium	91-1	478.77	481.57	482.76	481.03	0.43	ppb

LB Number :	LB100928	Operator :	Jaswal
Lab Sample ID :	K1308-01MSD	Instrumnet Name :	P7
Client Sample ID :	SB-17(34.2-34.8)MSD	Dilution Factor :	1
Date & Time Acquired ::	2019-02-20 16:05:01	DataFile Name :	033SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	53368.75	53233.15	54195.52	53599.14	0.97	ppb
Antimony	121-1	197.93	193.85	196.27	196.02	1.05	ppb
Arsenic	75-2	421.11	419.84	416.24	419.07	0.60	ppb
Barium	135-1	2934.73	2855.99	2916.90	2902.54	1.42	ppb
Barium	137-1	2960.29	2877.10	2911.78	2916.39	1.43	ppb
Beryllium	9-1	453.75	461.03	456.69	457.15	0.80	ppb
Bismuth	209-1				85		%
Bismuth	209-2				85		%
Boron	10-1	466.25	480.93	482.79	476.66	1.90	ppb
Boron	11-1	471.01	486.82	483.56	480.46	1.74	ppb
Cadmium	111-1	471.99	464.91	466.31	467.74	0.80	ppb
Cadmium	106-1	501.03	493.62	497.88	497.51	0.75	ppb
Cadmium	108-1	479.77	478.15	480.20	479.37	0.23	ppb
Calcium	43-1	52684.82	52308.22	52017.60	52336.88	0.64	ppb
Calcium	44-1	51731.79	51500.54	51557.46	51596.60	0.23	ppb
Chromium	52-2	554.91	551.95	551.19	552.68	0.36	ppb
Cobalt	59-2	545.33	552.04	548.17	548.51	0.61	ppb
Copper	63-2	976.65	968.66	977.02	974.11	0.48	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				94		%
Holmium	165-2				96		%
Indium	115-1				88		%
Indium	115-2				90		%
Iron	56-2	121435.76	120062.17	121148.05	120881.99	0.60	ppb
Iron	57-2	121075.08	120374.31	120303.98	120584.46	0.35	ppb
Krypton	83-1						cps
Lead	206-1	537.44	544.47	544.63	542.18	0.76	ppb
Lead	207-1	517.73	512.21	517.28	515.74	0.59	ppb
Lead	208-1	529.05	529.08	530.73	529.62	0.18	ppb
Lithium	6-1				99		%
Magnesium	24-2	75279.94	75202.16	75447.61	75309.91	0.17	ppb

LB Number :	LB100928	Operator :	Jaswal
Lab Sample ID :	K1308-01MSD	Instrumnet Name :	P7
Client Sample ID :	SB-17(34.2-34.8)MSD	Dilution Factor :	1
Date & Time Acquired ::	2019-02-20 16:05:01	DataFile Name :	033SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	5392.84	5430.50	5422.10	5415.14	0.37	ppb
Molybdenum	94-1	2039.89	1988.68	1966.49	1998.36	1.88	ppb
Molybdenum	95-1	1822.21	1803.81	1798.87	1808.30	0.68	ppb
Molybdenum	96-1	1835.67	1849.51	1813.96	1833.05	0.98	ppb
Molybdenum	97-1	1833.78	1799.50	1783.58	1805.62	1.42	ppb
Molybdenum	98-1	1854.01	1795.77	1795.33	1815.04	1.86	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	573.30	576.07	576.44	575.27	0.30	ppb
Phosphorus	31-2	1485.72	1427.38	1473.88	1462.33	2.11	ppb
Potassium	39-2	28614.13	28249.21	28594.11	28485.82	0.72	ppb
Rhodium	103-1				87		%
Rhodium	103-2				87		%
Scandium	45-1				98		%
Scandium	45-2				101		%
Selenium	77-2	367.91	361.25	359.46	362.87	1.23	ppb
Selenium	78-2	340.45	342.65	335.47	339.52	1.08	ppb
Selenium	82-1	336.66	332.68	329.98	333.11	1.01	ppb
Silicon	28-1	1061.45	1093.65	1112.29	1089.13	2.36	ppb
Silver	109-1	490.66	476.18	477.56	481.46	1.66	ppb
Silver	107-1	481.67	480.78	483.49	481.98	0.29	ppb
Sodium	23-2	46129.32	46245.21	46249.39	46207.97	0.15	ppb
Strontium	86-1	435.26	432.16	436.40	434.61	0.51	ppb
Strontium	88-1	437.92	431.43	428.49	432.61	1.12	ppb
Sulfur	34-1	-786.06	-851.01	-904.75	-847.27		ppb
Terbium	159-1				95		%
Terbium	159-2				96		%
Thallium	203-1	486.35	489.47	492.14	489.32	0.59	ppb
Thallium	205-1	489.14	488.66	493.06	490.29	0.49	ppb
Thorium	232-1	19.87	19.88	19.99	19.91	0.32	ppb
Tin	118-1	363.78	354.00	358.80	358.86	1.36	ppb
Titanium	47-1	2529.85	2529.06	2496.83	2518.58	0.75	ppb
Uranium	238-1	501.53	499.01	496.05	498.87	0.55	ppb
Vanadium	51-2	657.01	647.18	658.14	654.11	0.92	ppb
Yttrium	89-1				105		%
Yttrium	89-2				106		%

LB Number :	LB100928	Operator :	Jaswal
Lab Sample ID :	K1308-01MSD	Instrumnet Name :	P7
Client Sample ID :	SB-17(34.2-34.8)MSD	Dilution Factor :	1
Date & Time Acquired ::	2019-02-20 16:05:01	DataFile Name :	033SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zinc	66-2	1181.02	1176.71	1197.60	1185.11	0.93	ppb
Zirconium	90-1	499.63	490.93	483.19	491.25	1.67	ppb
Zirconium	91-1	489.79	484.37	484.74	486.30	0.62	ppb

LB Number :	LB100928	Operator :	Jaswal
Lab Sample ID :	K1308-01A	Instrumnet Name :	P7
Client Sample ID :	SB-17(34.2-34.8)A	Dilution Factor :	1
Date & Time Acquired ::	2019-02-20 16:08:40	DataFile Name :	034SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	55463.13	55613.53	55436.99	55504.55	0.17	ppb
Antimony	121-1	184.29	194.11	189.19	189.19	2.59	ppb
Arsenic	75-2	412.70	414.80	411.36	412.95	0.42	ppb
Barium	135-1	2828.32	3015.17	2932.78	2925.42	3.20	ppb
Barium	137-1	2868.11	2956.16	2925.39	2916.55	1.53	ppb
Beryllium	9-1	439.88	455.07	452.54	449.16	1.81	ppb
Bismuth	209-1				86		%
Bismuth	209-2				84		%
Boron	10-1	459.43	481.52	473.97	471.64	2.38	ppb
Boron	11-1	457.69	480.92	482.62	473.74	2.94	ppb
Cadmium	111-1	456.69	472.55	469.35	466.19	1.80	ppb
Cadmium	106-1	484.11	503.79	496.22	494.71	2.01	ppb
Cadmium	108-1	461.01	489.44	475.14	475.19	2.99	ppb
Calcium	43-1	49755.34	53010.61	52994.44	51920.13	3.61	ppb
Calcium	44-1	49378.48	51835.50	51355.32	50856.43	2.56	ppb
Chromium	52-2	560.20	562.14	561.49	561.28	0.18	ppb
Cobalt	59-2	558.64	554.79	553.14	555.52	0.51	ppb
Copper	63-2	979.65	978.41	973.68	977.25	0.32	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				95		%
Holmium	165-2				94		%
Indium	115-1				89		%
Indium	115-2				88		%
Iron	56-2	127065.46	125001.51	124038.01	125368.33	1.23	ppb
Iron	57-2	125587.21	125020.03	123779.80	124795.68	0.74	ppb
Krypton	83-1						cps
Lead	206-1	515.83	538.65	542.12	532.20	2.68	ppb
Lead	207-1	492.17	522.59	515.25	510.00	3.11	ppb
Lead	208-1	504.92	530.13	528.58	521.21	2.71	ppb
Lithium	6-1				100		%
Magnesium	24-2	77611.98	78402.19	77895.01	77969.73	0.51	ppb

LB Number :	LB100928	Operator :	Jaswal
Lab Sample ID :	K1308-01A	Instrumnet Name :	P7
Client Sample ID :	SB-17(34.2-34.8)A	Dilution Factor :	1
Date & Time Acquired ::	2019-02-20 16:08:40	DataFile Name :	034SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	5636.36	5670.04	5648.21	5651.54	0.30	ppb
Molybdenum	94-1	1903.74	1956.09	1971.73	1943.85	1.83	ppb
Molybdenum	95-1	1726.78	1778.21	1792.30	1765.76	1.95	ppb
Molybdenum	96-1	1773.21	1784.31	1808.24	1788.59	1.00	ppb
Molybdenum	97-1	1743.29	1786.56	1770.76	1766.87	1.24	ppb
Molybdenum	98-1	1742.97	1790.11	1780.79	1771.29	1.41	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	588.59	587.25	580.37	585.40	0.75	ppb
Phosphorus	31-2	1436.11	1443.59	1471.00	1450.23	1.27	ppb
Potassium	39-2	28639.71	28848.94	28652.37	28713.68	0.41	ppb
Rhodium	103-1				87		%
Rhodium	103-2				86		%
Scandium	45-1				99		%
Scandium	45-2				99		%
Selenium	77-2	350.31	346.55	365.63	354.16	2.85	ppb
Selenium	78-2	337.22	333.98	331.52	334.24	0.86	ppb
Selenium	82-1	315.50	328.45	328.40	324.12	2.30	ppb
Silicon	28-1	1075.55	1067.81	1018.66	1054.01	2.93	ppb
Silver	109-1	461.91	483.40	476.35	473.89	2.31	ppb
Silver	107-1	465.32	484.72	481.92	477.32	2.20	ppb
Sodium	23-2	46618.49	46800.55	46131.47	46516.83	0.74	ppb
Strontium	86-1	420.12	441.59	437.85	433.19	2.65	ppb
Strontium	88-1	419.62	432.71	433.11	428.48	1.79	ppb
Sulfur	34-1	-1052.94	-923.63	-951.04	-975.87		ppb
Terbium	159-1				95		%
Terbium	159-2				95		%
Thallium	203-1	462.24	488.45	491.38	480.69	3.34	ppb
Thallium	205-1	466.43	492.22	492.01	483.56	3.07	ppb
Thorium	232-1	19.63	21.02	20.97	20.54	3.83	ppb
Tin	118-1	345.52	365.14	356.39	355.69	2.76	ppb
Titanium	47-1	2411.24	2480.99	2522.99	2471.74	2.28	ppb
Uranium	238-1	473.08	503.24	494.34	490.22	3.16	ppb
Vanadium	51-2	671.76	667.35	670.76	669.96	0.35	ppb
Yttrium	89-1				106		%
Yttrium	89-2				105		%

LB Number :	LB100928	Operator :	Jaswal
Lab Sample ID :	K1308-01A	Instrumnet Name :	P7
Client Sample ID :	SB-17(34.2-34.8)A	Dilution Factor :	1
Date & Time Acquired ::	2019-02-20 16:08:40	DataFile Name :	034SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zinc	66-2	1214.51	1207.52	1221.10	1214.38	0.56	ppb
Zirconium	90-1	474.23	490.91	490.03	485.05	1.94	ppb
Zirconium	91-1	465.89	491.74	488.85	482.16	2.94	ppb

LB Number :	LB100928	Operator :	Jaswal
Lab Sample ID :	CCV10	Instrumnet Name :	P7
Client Sample ID :	CCV10	Dilution Factor :	1
Date & Time Acquired ::	2019-02-20 16:14:26	DataFile Name :	035CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	49194.01	48624.42	48856.33	48891.59	0.59	ppb
Antimony	121-1	467.77	468.20	474.06	470.01	0.75	ppb
Arsenic	75-2	464.35	465.16	458.00	462.51	0.85	ppb
Barium	135-1	2391.07	2430.34	2475.39	2432.27	1.73	ppb
Barium	137-1	2416.27	2420.11	2475.74	2437.37	1.37	ppb
Beryllium	9-1	474.53	475.89	480.27	476.90	0.63	ppb
Bismuth	209-1				82		%
Bismuth	209-2				82		%
Boron	10-1	472.48	476.62	488.70	479.27	1.76	ppb
Boron	11-1	472.79	479.02	488.78	480.20	1.68	ppb
Cadmium	111-1	487.05	492.17	500.79	493.34	1.41	ppb
Cadmium	106-1	492.60	505.11	514.10	503.94	2.14	ppb
Cadmium	108-1	492.86	500.34	514.30	502.50	2.17	ppb
Calcium	43-1	232240.81	228945.16	231794.45	230993.48	0.77	ppb
Calcium	44-1	232821.92	230206.17	233954.81	232327.63	0.83	ppb
Chromium	52-2	471.01	471.22	465.61	469.28	0.68	ppb
Cobalt	59-2	462.03	461.79	461.29	461.70	0.08	ppb
Copper	63-2	982.37	973.08	977.13	977.53	0.48	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				96		%
Holmium	165-2				97		%
Indium	115-1				89		%
Indium	115-2				91		%
Iron	56-2	120562.27	120967.82	121360.90	120963.66	0.33	ppb
Iron	57-2	122927.06	121763.18	122596.48	122428.90	0.49	ppb
Krypton	83-1						cps
Lead	206-1	499.52	503.22	493.95	498.90	0.94	ppb
Lead	207-1	494.28	491.53	488.19	491.33	0.62	ppb
Lead	208-1	497.50	495.44	487.70	493.55	1.05	ppb
Lithium	6-1				93		%
Magnesium	24-2	241530.93	238365.43	238964.69	239620.35	0.70	ppb

LB Number :	LB100928	Operator :	Jaswal
Lab Sample ID :	CCV10	Instrumnet Name :	P7
Client Sample ID :	CCV10	Dilution Factor :	1
Date & Time Acquired ::	2019-02-20 16:14:26	DataFile Name :	035CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	942.84	939.65	933.17	938.55	0.52	ppb
Molybdenum	94-1	2423.63	2440.50	2375.88	2413.34	1.39	ppb
Molybdenum	95-1	2395.75	2365.51	2366.15	2375.80	0.73	ppb
Molybdenum	96-1	2424.83	2381.64	2390.38	2398.95	0.95	ppb
Molybdenum	97-1	2397.02	2363.83	2342.27	2367.70	1.16	ppb
Molybdenum	98-1	2406.71	2375.98	2403.38	2395.35	0.70	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	469.61	472.39	471.58	471.19	0.30	ppb
Phosphorus	31-2	9607.00	9382.63	9543.82	9511.15	1.22	ppb
Potassium	39-2	113979.76	112887.44	113608.92	113492.04	0.49	ppb
Rhodium	103-1				85		%
Rhodium	103-2				85		%
Scandium	45-1				95		%
Scandium	45-2				100		%
Selenium	77-2	471.72	462.25	481.15	471.71	2.00	ppb
Selenium	78-2	468.87	473.86	470.06	470.93	0.55	ppb
Selenium	82-1	461.68	459.81	458.33	459.94	0.37	ppb
Silicon	28-1	539.73	550.38	554.56	548.22	1.40	ppb
Silver	109-1	506.39	514.31	517.00	512.57	1.08	ppb
Silver	107-1	508.71	509.99	517.90	512.20	0.97	ppb
Sodium	23-2	233201.69	235999.87	232233.69	233811.75	0.84	ppb
Strontium	86-1	480.89	482.00	482.39	481.76	0.16	ppb
Strontium	88-1	479.33	487.17	475.67	480.72	1.22	ppb
Sulfur	34-1	9821.53	9663.28	10011.74	9832.18	1.77	ppb
Terbium	159-1				96		%
Terbium	159-2				97		%
Thallium	203-1	499.81	506.29	504.04	503.38	0.65	ppb
Thallium	205-1	498.78	506.60	496.78	500.72	1.04	ppb
Thorium	232-1	503.72	508.14	503.11	504.99	0.54	ppb
Tin	118-1	470.88	478.29	479.87	476.34	1.01	ppb
Titanium	47-1	2373.87	2389.85	2398.38	2387.37	0.52	ppb
Uranium	238-1	498.63	500.64	495.56	498.27	0.51	ppb
Vanadium	51-2	474.15	472.20	472.47	472.94	0.22	ppb
Yttrium	89-1				95		%
Yttrium	89-2				97		%

LB Number :	LB100928	Operator :	Jaswal
Lab Sample ID :	CCV10	Instrumnet Name :	P7
Client Sample ID :	CCV10	Dilution Factor :	1
Date & Time Acquired ::	2019-02-20 16:14:26	DataFile Name :	035CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zinc	66-2	1039.07	1022.62	1031.90	1031.20	0.80	ppb
Zirconium	90-1	485.52	479.42	479.31	481.41	0.74	ppb
Zirconium	91-1	481.95	473.80	475.46	477.07	0.90	ppb

LB Number :	LB100928	Operator :	Jaswal
Lab Sample ID :	CCB10	Instrumnet Name :	P7
Client Sample ID :	CCB10	Dilution Factor :	1
Date & Time Acquired ::	2019-02-20 16:20:49	DataFile Name :	036CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	2.08	1.89	1.99	1.99	4.92	ppb
Antimony	121-1	0.09	0.08	0.08	0.08	10.71	ppb
Arsenic	75-2	0.04	0.05	0.04	0.04	20.70	ppb
Barium	135-1	0.18	0.20	0.15	0.18	14.05	ppb
Barium	137-1	0.20	0.18	0.14	0.18	17.57	ppb
Beryllium	9-1	0.08	0.05	0.05	0.06	27.32	ppb
Bismuth	209-1				92		%
Bismuth	209-2				98		%
Boron	10-1	11.30	9.96	9.84	10.36	7.84	ppb
Boron	11-1	11.29	10.13	9.53	10.32	8.70	ppb
Cadmium	111-1	0.01	0.10	0.10	0.07	74.96	ppb
Cadmium	106-1	-0.64	0.52	0.78	0.22	347.87	ppb
Cadmium	108-1	0.08	0.08	0.03	0.07	46.99	ppb
Calcium	43-1	8.73	6.33	4.81	6.62	29.83	ppb
Calcium	44-1	51.10	39.97	34.70	41.92	19.98	ppb
Chromium	52-2	0.01	0.03	0.02	0.02	27.35	ppb
Cobalt	59-2	0.02	0.02	0.02	0.02	4.37	ppb
Copper	63-2	0.07	0.07	0.09	0.08	12.03	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				92		%
Holmium	165-2				99		%
Indium	115-1				93		%
Indium	115-2				99		%
Iron	56-2	5.82	5.38	5.24	5.48	5.46	ppb
Iron	57-2	5.39	5.98	5.46	5.61	5.73	ppb
Krypton	83-1						cps
Lead	206-1	0.08	0.06	0.05	0.07	29.14	ppb
Lead	207-1	0.08	0.06	0.05	0.06	26.18	ppb
Lead	208-1	0.07	0.06	0.05	0.06	20.12	ppb
Lithium	6-1				96		%
Magnesium	24-2	6.24	5.89	5.86	6.00	3.59	ppb

LB Number :	LB100928	Operator :	Jaswal
Lab Sample ID :	CCB10	Instrumnet Name :	P7
Client Sample ID :	CCB10	Dilution Factor :	1
Date & Time Acquired ::	2019-02-20 16:20:49	DataFile Name :	036CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	0.16	0.14	0.12	0.14	12.69	ppb
Molybdenum	94-1	0.32	0.26	0.25	0.28	13.88	ppb
Molybdenum	95-1	0.29	0.23	0.21	0.24	16.23	ppb
Molybdenum	96-1	0.32	0.28	0.23	0.28	16.33	ppb
Molybdenum	97-1	0.27	0.25	0.21	0.24	14.45	ppb
Molybdenum	98-1	0.28	0.24	0.21	0.24	15.64	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.03	0.03	0.03	0.03	11.43	ppb
Phosphorus	31-2	-34.03	-29.27	-30.25	-31.18		ppb
Potassium	39-2	19.42	19.86	23.83	21.04	11.55	ppb
Rhodium	103-1				94		%
Rhodium	103-2				100		%
Scandium	45-1				94		%
Scandium	45-2				100		%
Selenium	77-2	0.06	0.06	-0.03	0.03	174.61	ppb
Selenium	78-2	0.12	0.02	0.02	0.05	102.00	ppb
Selenium	82-1	0.33	-0.15	0.02	0.06	379.18	ppb
Silicon	28-1	12.29	5.03	3.21	6.84	70.21	ppb
Silver	109-1	0.05	0.04	0.03	0.04	25.23	ppb
Silver	107-1	0.04	0.04	0.03	0.04	12.61	ppb
Sodium	23-2	27.34	28.09	27.95	27.79	1.45	ppb
Strontium	86-1	0.12	0.04	0.04	0.07	73.96	ppb
Strontium	88-1	0.04	0.03	0.03	0.03	15.39	ppb
Sulfur	34-1	246.81	103.29	-51.55	99.52	149.94	ppb
Terbium	159-1				93		%
Terbium	159-2				100		%
Thallium	203-1	0.09	0.09	0.08	0.09	1.20	ppb
Thallium	205-1	0.11	0.08	0.08	0.09	19.32	ppb
Thorium	232-1	0.03	0.03	0.02	0.03	9.98	ppb
Tin	118-1	0.07	0.07	0.07	0.07	3.99	ppb
Titanium	47-1	0.20	0.14	0.16	0.17	20.25	ppb
Uranium	238-1	0.03	0.03	0.02	0.03	14.67	ppb
Vanadium	51-2	0.02	0.02	0.02	0.02	18.14	ppb
Yttrium	89-1				94		%
Yttrium	89-2				99		%

LB Number :	LB100928	Operator :	Jaswal
Lab Sample ID :	CCB10	Instrumnet Name :	P7
Client Sample ID :	CCB10	Dilution Factor :	1
Date & Time Acquired ::	2019-02-20 16:20:49	DataFile Name :	036CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zinc	66-2	0.08	0.10	0.11	0.09	13.77	ppb
Zirconium	90-1	0.06	0.04	0.04	0.05	31.96	ppb
Zirconium	91-1	0.06	0.04	0.04	0.05	17.81	ppb

LB Number :	LB100928	Operator :	Jaswal
Lab Sample ID :	K1308-01DUPRE2	Instrumnet Name :	P7
Client Sample ID :	SB-17(34.2-34.8)DUP	Dilution Factor :	1
Date & Time Acquired ::	2019-02-20 16:24:26	DataFile Name :	037SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	28102.36	28210.71	28100.45	28137.84	0.22	ppb
Antimony	121-1	0.07	0.08	0.10	0.08	18.88	ppb
Arsenic	75-2	28.48	28.97	29.25	28.90	1.35	ppb
Barium	135-1	336.74	380.76	378.72	365.41	6.80	ppb
Barium	137-1	336.13	377.32	377.67	363.71	6.57	ppb
Beryllium	9-1	3.41	3.74	3.62	3.59	4.70	ppb
Bismuth	209-1				93		%
Bismuth	209-2				94		%
Boron	10-1	19.15	20.69	20.52	20.12	4.21	ppb
Boron	11-1	19.82	20.96	21.12	20.63	3.45	ppb
Cadmium	111-1	0.73	0.80	0.96	0.83	14.81	ppb
Cadmium	106-1	7.36	7.57	9.75	8.22	16.10	ppb
Cadmium	108-1	2.97	3.35	3.38	3.23	7.02	ppb
Calcium	43-1	4682.60	5248.61	4982.65	4971.29	5.70	ppb
Calcium	44-1	4611.62	5274.74	5157.23	5014.53	7.06	ppb
Chromium	52-2	72.91	72.45	72.78	72.72	0.33	ppb
Cobalt	59-2	61.91	62.08	62.36	62.12	0.37	ppb
Copper	63-2	41.52	41.69	42.20	41.80	0.85	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				99		%
Holmium	165-2				100		%
Indium	115-1				98		%
Indium	115-2				99		%
Iron	56-2	85000.97	85505.47	85283.60	85263.34	0.30	ppb
Iron	57-2	84139.84	84543.16	84527.80	84403.60	0.27	ppb
Krypton	83-1						cps
Lead	206-1	28.84	31.97	31.78	30.86	5.68	ppb
Lead	207-1	26.07	29.34	28.41	27.94	6.02	ppb
Lead	208-1	27.41	30.76	30.14	29.43	6.06	ppb
Lithium	6-1				104		%
Magnesium	24-2	22371.24	22406.62	22444.72	22407.53	0.16	ppb

LB Number :	LB100928	Operator :	Jaswal
Lab Sample ID :	K1308-01DUPRE2	Instrumnet Name :	P7
Client Sample ID :	SB-17(34.2-34.8)DUP	Dilution Factor :	1
Date & Time Acquired ::	2019-02-20 16:24:26	DataFile Name :	037SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	3282.50	3269.68	3281.44	3277.87	0.22	ppb
Molybdenum	94-1	27.52	30.85	29.91	29.43	5.82	ppb
Molybdenum	95-1	0.99	1.08	1.06	1.04	4.66	ppb
Molybdenum	96-1	4.59	4.98	4.90	4.82	4.27	ppb
Molybdenum	97-1	0.87	1.07	1.08	1.01	11.37	ppb
Molybdenum	98-1	0.92	1.03	1.03	0.99	6.63	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	98.57	97.98	99.48	98.68	0.76	ppb
Phosphorus	31-2	1325.00	1326.34	1303.52	1318.29	0.97	ppb
Potassium	39-2	4290.30	4299.86	4260.87	4283.68	0.47	ppb
Rhodium	103-1				97		%
Rhodium	103-2				96		%
Scandium	45-1				106		%
Scandium	45-2				106		%
Selenium	77-2	22.40	23.74	25.44	23.86	6.39	ppb
Selenium	78-2	5.34	5.05	4.97	5.12	3.78	ppb
Selenium	82-1	0.45	0.77	0.70	0.64	26.18	ppb
Silicon	28-1	661.17	762.01	730.48	717.89	7.19	ppb
Silver	109-1	0.05	0.05	0.05	0.05	8.09	ppb
Silver	107-1	0.08	0.08	0.09	0.08	5.88	ppb
Sodium	23-2	964.93	959.27	954.76	959.65	0.53	ppb
Strontium	86-1	34.92	38.86	37.89	37.22	5.51	ppb
Strontium	88-1	35.23	38.83	37.69	37.25	4.94	ppb
Sulfur	34-1	-818.64	-277.76	-488.48	-528.29		ppb
Terbium	159-1				100		%
Terbium	159-2				102		%
Thallium	203-1	0.43	0.45	0.47	0.45	4.40	ppb
Thallium	205-1	0.42	0.47	0.47	0.45	6.82	ppb
Thorium	232-1	13.11	14.78	14.75	14.21	6.70	ppb
Tin	118-1	0.52	0.55	0.59	0.55	6.68	ppb
Titanium	47-1	344.64	390.58	374.92	370.05	6.31	ppb
Uranium	238-1	2.82	3.26	3.17	3.08	7.47	ppb
Vanadium	51-2	137.99	138.46	139.41	138.62	0.52	ppb
Yttrium	89-1				112		%
Yttrium	89-2				112		%

LB Number :	LB100928	Operator :	Jaswal
Lab Sample ID :	K1308-01DUPRE2	Instrumnet Name :	P7
Client Sample ID :	SB-17(34.2-34.8)DUP	Dilution Factor :	1
Date & Time Acquired ::	2019-02-20 16:24:26	DataFile Name :	037SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zinc	66-2	271.20	275.70	275.74	274.22	0.95	ppb
Zirconium	90-1	18.94	21.15	20.60	20.23	5.69	ppb
Zirconium	91-1	19.03	21.01	21.01	20.35	5.63	ppb

LB Number :	LB100928	Operator :	Jaswal
Lab Sample ID :	K1308-01	Instrumnet Name :	P7
Client Sample ID :	SB-17(34.2-34.8)	Dilution Factor :	1
Date & Time Acquired ::	2019-02-20 16:36:14	DataFile Name :	038SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	34139.69	34003.98	34081.26	34074.98	0.20	ppb
Antimony	121-1	0.07	0.07	0.07	0.07	2.22	ppb
Arsenic	75-2	33.36	34.12	33.66	33.71	1.13	ppb
Barium	135-1	535.79	526.70	523.85	528.78	1.18	ppb
Barium	137-1	531.83	528.64	518.82	526.43	1.29	ppb
Beryllium	9-1	4.56	4.39	4.47	4.47	1.97	ppb
Bismuth	209-1				92		%
Bismuth	209-2				93		%
Boron	10-1	16.84	16.80	17.18	16.94	1.23	ppb
Boron	11-1	17.03	17.30	18.00	17.45	2.87	ppb
Cadmium	111-1	1.27	1.21	1.19	1.22	3.18	ppb
Cadmium	106-1	10.87	10.24	9.71	10.27	5.66	ppb
Cadmium	108-1	4.58	4.33	4.43	4.44	2.81	ppb
Calcium	43-1	6825.57	6631.14	6838.38	6765.03	1.72	ppb
Calcium	44-1	6792.08	6683.62	6742.70	6739.47	0.81	ppb
Chromium	52-2	95.57	96.09	96.15	95.94	0.34	ppb
Cobalt	59-2	105.81	107.12	108.56	107.16	1.28	ppb
Copper	63-2	66.56	66.59	67.76	66.97	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				98		%
Holmium	165-2				101		%
Indium	115-1				96		%
Indium	115-2				97		%
Iron	56-2	101762.93	101118.16	101567.86	101482.98	0.33	ppb
Iron	57-2	101302.35	100517.83	101206.88	101009.02	0.42	ppb
Krypton	83-1						cps
Lead	206-1	42.32	41.72	41.77	41.93	0.79	ppb
Lead	207-1	37.41	37.30	38.03	37.58	1.05	ppb
Lead	208-1	40.24	39.48	40.23	39.98	1.08	ppb
Lithium	6-1				102		%
Magnesium	24-2	25261.71	25159.39	25448.30	25289.80	0.58	ppb

LB Number :	LB100928	Operator :	Jaswal
Lab Sample ID :	K1308-01	Instrumnet Name :	P7
Client Sample ID :	SB-17(34.2-34.8)	Dilution Factor :	1
Date & Time Acquired ::	2019-02-20 16:36:14	DataFile Name :	038SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	6385.75	6311.05	6415.54	6370.78	0.85	ppb
Molybdenum	94-1	37.30	37.02	38.18	37.50	1.62	ppb
Molybdenum	95-1	1.58	1.53	1.61	1.57	2.69	ppb
Molybdenum	96-1	6.27	6.35	6.51	6.38	1.88	ppb
Molybdenum	97-1	1.58	1.56	1.51	1.55	2.31	ppb
Molybdenum	98-1	1.50	1.52	1.51	1.51	0.71	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	138.64	136.97	139.16	138.25	0.83	ppb
Phosphorus	31-2	1847.63	1761.69	1802.13	1803.82	2.38	ppb
Potassium	39-2	5043.27	5014.83	5011.87	5023.32	0.35	ppb
Rhodium	103-1				95		%
Rhodium	103-2				96		%
Scandium	45-1				104		%
Scandium	45-2				105		%
Selenium	77-2	32.18	32.03	27.85	30.69	8.02	ppb
Selenium	78-2	6.59	6.81	6.57	6.66	1.97	ppb
Selenium	82-1	0.88	0.42	1.08	0.79	42.58	ppb
Silicon	28-1	544.80	323.55	338.45	402.26	30.74	ppb
Silver	109-1	0.04	0.04	0.05	0.04	8.92	ppb
Silver	107-1	0.08	0.08	0.08	0.08	2.42	ppb
Sodium	23-2	1002.72	1004.80	1005.75	1004.42	0.15	ppb
Strontium	86-1	47.84	48.52	47.77	48.05	0.86	ppb
Strontium	88-1	47.48	47.65	47.66	47.60	0.22	ppb
Sulfur	34-1	-962.87	-1058.25	-992.25	-1004.46		ppb
Terbium	159-1				99		%
Terbium	159-2				101		%
Thallium	203-1	0.63	0.60	0.59	0.61	3.94	ppb
Thallium	205-1	0.59	0.60	0.60	0.60	0.83	ppb
Thorium	232-1	17.70	17.88	18.34	17.97	1.85	ppb
Tin	118-1	0.65	0.61	0.59	0.62	5.17	ppb
Titanium	47-1	305.61	304.45	304.78	304.95	0.20	ppb
Uranium	238-1	4.27	4.25	4.27	4.26	0.25	ppb
Vanadium	51-2	163.39	164.15	166.39	164.65	0.95	ppb
Yttrium	89-1				114		%
Yttrium	89-2				116		%

LB Number :	LB100928	Operator :	Jaswal
Lab Sample ID :	K1308-01	Instrumnet Name :	P7
Client Sample ID :	SB-17(34.2-34.8)	Dilution Factor :	1
Date & Time Acquired ::	2019-02-20 16:36:14	DataFile Name :	038SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zinc	66-2	352.48	349.88	356.17	352.84	0.90	ppb
Zirconium	90-1	25.35	25.58	25.93	25.62	1.13	ppb
Zirconium	91-1	25.68	25.22	26.36	25.75	2.23	ppb

LB Number :	LB100928	Operator :	Jaswal
Lab Sample ID :	K1308-01DUP	Instrumnet Name :	P7
Client Sample ID :	SB-17(34.2-34.8)DUP	Dilution Factor :	1
Date & Time Acquired ::	2019-02-20 16:39:55	DataFile Name :	039SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	35436.75	34697.36	34516.07	34883.39	1.40	ppb
Antimony	121-1	0.06	0.06	0.05	0.06	9.95	ppb
Arsenic	75-2	34.99	34.25	34.10	34.45	1.39	ppb
Barium	135-1	539.56	535.87	515.88	530.44	2.40	ppb
Barium	137-1	538.41	534.81	523.59	532.27	1.45	ppb
Beryllium	9-1	4.58	4.56	4.35	4.50	2.90	ppb
Bismuth	209-1				92		%
Bismuth	209-2				91		%
Boron	10-1	17.21	16.96	17.03	17.06	0.76	ppb
Boron	11-1	17.19	17.90	17.00	17.36	2.72	ppb
Cadmium	111-1	1.18	1.27	1.25	1.23	3.94	ppb
Cadmium	106-1	9.99	10.90	10.96	10.62	5.12	ppb
Cadmium	108-1	4.22	4.20	4.13	4.18	1.12	ppb
Calcium	43-1	6888.76	6874.18	6591.79	6784.91	2.47	ppb
Calcium	44-1	6726.55	6780.59	6507.63	6671.59	2.17	ppb
Chromium	52-2	100.73	98.11	97.86	98.90	1.60	ppb
Cobalt	59-2	112.26	109.17	108.99	110.14	1.67	ppb
Copper	63-2	70.14	67.54	68.21	68.63	1.97	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				97		%
Holmium	165-2				97		%
Indium	115-1				95		%
Indium	115-2				94		%
Iron	56-2	105621.65	104279.93	103684.61	104528.73	0.95	ppb
Iron	57-2	106209.76	102362.17	102071.71	103547.88	2.23	ppb
Krypton	83-1						cps
Lead	206-1	43.27	42.71	41.99	42.66	1.50	ppb
Lead	207-1	38.78	38.98	37.75	38.50	1.71	ppb
Lead	208-1	40.91	40.81	39.87	40.53	1.42	ppb
Lithium	6-1				101		%
Magnesium	24-2	26494.53	25730.00	25254.31	25826.28	2.42	ppb

LB Number :	LB100928	Operator :	Jaswal
Lab Sample ID :	K1308-01DUP	Instrumnet Name :	P7
Client Sample ID :	SB-17(34.2-34.8)DUP	Dilution Factor :	1
Date & Time Acquired ::	2019-02-20 16:39:55	DataFile Name :	039SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	6658.96	6534.42	6505.56	6566.31	1.24	ppb
Molybdenum	94-1	38.80	38.23	37.87	38.30	1.23	ppb
Molybdenum	95-1	1.64	1.58	1.55	1.59	2.71	ppb
Molybdenum	96-1	6.47	6.55	6.15	6.39	3.32	ppb
Molybdenum	97-1	1.61	1.54	1.58	1.58	2.45	ppb
Molybdenum	98-1	1.57	1.57	1.54	1.56	1.21	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	145.17	140.09	140.68	141.98	1.95	ppb
Phosphorus	31-2	1874.14	1855.68	1882.71	1870.84	0.74	ppb
Potassium	39-2	5266.83	5170.92	5124.81	5187.52	1.40	ppb
Rhodium	103-1				94		%
Rhodium	103-2				92		%
Scandium	45-1				103		%
Scandium	45-2				101		%
Selenium	77-2	32.47	30.62	32.45	31.85	3.33	ppb
Selenium	78-2	7.12	6.61	6.72	6.82	3.90	ppb
Selenium	82-1	0.62	0.71	1.23	0.85	38.79	ppb
Silicon	28-1	386.02	263.26	289.54	312.94	20.66	ppb
Silver	109-1	0.04	0.03	0.04	0.04	8.92	ppb
Silver	107-1	0.08	0.08	0.08	0.08	1.29	ppb
Sodium	23-2	1016.81	986.52	978.83	994.05	2.02	ppb
Strontium	86-1	49.58	48.80	47.60	48.66	2.05	ppb
Strontium	88-1	49.46	48.03	47.82	48.44	1.84	ppb
Sulfur	34-1	-1042.46	-1043.12	-1264.40	-1116.66		ppb
Terbium	159-1				99		%
Terbium	159-2				98		%
Thallium	203-1	0.62	0.57	0.61	0.60	4.71	ppb
Thallium	205-1	0.61	0.61	0.61	0.61	0.19	ppb
Thorium	232-1	18.64	18.29	17.92	18.28	1.97	ppb
Tin	118-1	0.58	0.60	0.59	0.59	2.06	ppb
Titanium	47-1	318.07	314.72	302.39	311.73	2.65	ppb
Uranium	238-1	4.39	4.41	4.27	4.36	1.74	ppb
Vanadium	51-2	173.78	167.68	167.75	169.73	2.06	ppb
Yttrium	89-1				113		%
Yttrium	89-2				112		%

LB Number :	LB100928	Operator :	Jaswal
Lab Sample ID :	K1308-01DUP	Instrumnet Name :	P7
Client Sample ID :	SB-17(34.2-34.8)DUP	Dilution Factor :	1
Date & Time Acquired ::	2019-02-20 16:39:55	DataFile Name :	039SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zinc	66-2	370.56	357.43	359.71	362.57	1.94	ppb
Zirconium	90-1	26.08	26.13	25.42	25.88	1.53	ppb
Zirconium	91-1	26.71	26.35	25.39	26.15	2.62	ppb

LB Number :	LB100928	Operator :	Jaswal
Lab Sample ID :	K1308-01LX5	Instrumnet Name :	P7
Client Sample ID :	SB-17(34.2-34.8)L	Dilution Factor :	5
Date & Time Acquired ::	2019-02-20 16:43:34	DataFile Name :	040SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	7035.26	7065.60	7010.26	7037.04	0.39	ppb
Antimony	121-1	0.01	0.01	0.02	0.02	26.57	ppb
Arsenic	75-2	7.90	7.83	7.80	7.85	0.69	ppb
Barium	135-1	108.78	107.08	108.77	108.21	0.91	ppb
Barium	137-1	105.13	107.18	107.00	106.43	1.07	ppb
Beryllium	9-1	0.97	0.99	0.93	0.96	2.85	ppb
Bismuth	209-1				96		%
Bismuth	209-2				98		%
Boron	10-1	5.12	5.12	5.19	5.14	0.75	ppb
Boron	11-1	5.02	5.12	5.04	5.06	1.05	ppb
Cadmium	111-1	0.16	0.18	0.23	0.19	16.90	ppb
Cadmium	106-1	1.02	1.44	1.46	1.31	19.07	ppb
Cadmium	108-1	0.88	0.88	0.75	0.84	8.99	ppb
Calcium	43-1	1415.68	1408.77	1425.52	1416.66	0.59	ppb
Calcium	44-1	1522.31	1495.07	1508.98	1508.79	0.90	ppb
Chromium	52-2	20.39	20.35	20.21	20.32	0.47	ppb
Cobalt	59-2	22.38	23.19	22.68	22.75	1.82	ppb
Copper	63-2	14.38	14.62	14.49	14.50	0.82	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				99		%
Holmium	165-2				100		%
Indium	115-1				97		%
Indium	115-2				100		%
Iron	56-2	21479.75	21290.32	20964.55	21244.87	1.23	ppb
Iron	57-2	20967.78	21554.68	21200.52	21240.99	1.39	ppb
Krypton	83-1						cps
Lead	206-1	8.49	8.56	8.48	8.51	0.52	ppb
Lead	207-1	7.57	7.53	7.64	7.58	0.73	ppb
Lead	208-1	8.08	8.04	8.04	8.05	0.28	ppb
Lithium	6-1				101		%
Magnesium	24-2	5283.95	5271.23	5216.73	5257.30	0.68	ppb

LB Number :	LB100928	Operator :	Jaswal
Lab Sample ID :	K1308-01LX5	Instrumnet Name :	P7
Client Sample ID :	SB-17(34.2-34.8)L	Dilution Factor :	5
Date & Time Acquired ::	2019-02-20 16:43:34	DataFile Name :	040SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	1342.40	1334.72	1325.77	1334.30	0.62	ppb
Molybdenum	94-1	8.65	8.54	8.42	8.54	1.37	ppb
Molybdenum	95-1	0.39	0.38	0.36	0.38	4.56	ppb
Molybdenum	96-1	1.50	1.41	1.43	1.45	3.41	ppb
Molybdenum	97-1	0.37	0.37	0.34	0.36	4.39	ppb
Molybdenum	98-1	0.37	0.36	0.37	0.36	2.21	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	29.28	30.35	29.37	29.66	2.00	ppb
Phosphorus	31-2	386.93	358.75	356.75	367.47	4.59	ppb
Potassium	39-2	1047.28	1070.06	1051.67	1056.34	1.14	ppb
Rhodium	103-1				97		%
Rhodium	103-2				98		%
Scandium	45-1				100		%
Scandium	45-2				101		%
Selenium	77-2	6.71	5.76	6.41	6.29	7.73	ppb
Selenium	78-2	1.78	1.29	1.41	1.49	17.06	ppb
Selenium	82-1	0.58	0.38	0.15	0.37	57.25	ppb
Silicon	28-1	67.60	72.17	60.12	66.63	9.13	ppb
Silver	109-1	0.01	0.01	0.01	0.01	19.76	ppb
Silver	107-1	0.02	0.02	0.02	0.02	25.21	ppb
Sodium	23-2	213.55	213.25	211.33	212.71	0.57	ppb
Strontium	86-1	11.18	10.80	10.85	10.95	1.86	ppb
Strontium	88-1	10.93	10.77	10.86	10.85	0.76	ppb
Sulfur	34-1	-1221.97	-1173.15	-1084.57	-1159.89		ppb
Terbium	159-1				100		%
Terbium	159-2				101		%
Thallium	203-1	0.13	0.13	0.11	0.13	7.81	ppb
Thallium	205-1	0.13	0.12	0.13	0.13	4.84	ppb
Thorium	232-1	3.48	3.57	3.53	3.53	1.18	ppb
Tin	118-1	0.13	0.14	0.13	0.13	3.36	ppb
Titanium	47-1	64.93	63.79	63.68	64.13	1.08	ppb
Uranium	238-1	0.87	0.85	0.84	0.85	2.08	ppb
Vanadium	51-2	34.37	34.78	34.29	34.48	0.77	ppb
Yttrium	89-1				102		%
Yttrium	89-2				104		%

LB Number :	LB100928	Operator :	Jaswal
Lab Sample ID :	K1308-01LX5	Instrumnet Name :	P7
Client Sample ID :	SB-17(34.2-34.8)L	Dilution Factor :	5
Date & Time Acquired ::	2019-02-20 16:43:34	DataFile Name :	040SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zinc	66-2	77.53	79.80	78.12	78.48	1.51	ppb
Zirconium	90-1	5.94	5.82	5.72	5.83	1.90	ppb
Zirconium	91-1	5.97	6.03	5.82	5.94	1.82	ppb

LB Number :	LB100928	Operator :	Jaswal
Lab Sample ID :	K1308-02	Instrumnet Name :	P7
Client Sample ID :	SB-18(34.5-35)	Dilution Factor :	1
Date & Time Acquired ::	2019-02-20 16:47:12	DataFile Name :	041SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	42815.01	44693.70	43011.52	43506.74	2.37	ppb
Antimony	121-1	0.05	0.05	0.05	0.05	3.51	ppb
Arsenic	75-2	34.05	35.13	34.39	34.52	1.61	ppb
Barium	135-1	519.41	526.80	545.50	530.57	2.53	ppb
Barium	137-1	516.26	524.65	544.15	528.35	2.71	ppb
Beryllium	9-1	5.12	5.17	5.26	5.18	1.37	ppb
Bismuth	209-1				91		%
Bismuth	209-2				90		%
Boron	10-1	21.39	22.03	22.41	21.94	2.35	ppb
Boron	11-1	21.79	21.74	22.86	22.13	2.85	ppb
Cadmium	111-1	1.18	1.19	1.35	1.24	7.80	ppb
Cadmium	106-1	11.84	11.46	13.54	12.28	9.02	ppb
Cadmium	108-1	5.03	5.00	5.46	5.16	5.01	ppb
Calcium	43-1	7883.40	8032.81	8256.94	8057.72	2.33	ppb
Calcium	44-1	7845.25	7929.30	8191.41	7988.65	2.26	ppb
Chromium	52-2	147.04	151.18	145.64	147.95	1.95	ppb
Cobalt	59-2	94.30	97.79	95.12	95.74	1.91	ppb
Copper	63-2	70.02	73.68	70.92	71.54	2.67	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				97		%
Holmium	165-2				97		%
Indium	115-1				93		%
Indium	115-2				93		%
Iron	56-2	131011.18	135721.36	131413.88	132715.47	1.97	ppb
Iron	57-2	130435.70	135200.38	130731.51	132122.53	2.02	ppb
Krypton	83-1						cps
Lead	206-1	40.13	41.64	42.14	41.30	2.53	ppb
Lead	207-1	35.92	37.12	38.02	37.02	2.85	ppb
Lead	208-1	38.08	39.26	40.05	39.13	2.54	ppb
Lithium	6-1				104		%
Magnesium	24-2	36531.03	37871.65	36601.20	37001.30	2.04	ppb

LB Number :	LB100928	Operator :	Jaswal
Lab Sample ID :	K1308-02	Instrumnet Name :	P7
Client Sample ID :	SB-18(34.5-35)	Dilution Factor :	1
Date & Time Acquired ::	2019-02-20 16:47:12	DataFile Name :	041SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	5507.52	5697.07	5466.21	5556.93	2.22	ppb
Molybdenum	94-1	48.55	49.48	51.27	49.77	2.77	ppb
Molybdenum	95-1	5.17	5.17	5.41	5.25	2.64	ppb
Molybdenum	96-1	10.79	10.82	11.48	11.03	3.56	ppb
Molybdenum	97-1	5.09	5.15	5.37	5.20	2.82	ppb
Molybdenum	98-1	5.14	5.14	5.24	5.17	1.20	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	169.44	173.92	169.14	170.83	1.57	ppb
Phosphorus	31-2	2073.47	2109.45	2026.41	2069.77	2.01	ppb
Potassium	39-2	6157.84	6441.05	6270.35	6289.75	2.27	ppb
Rhodium	103-1				91		%
Rhodium	103-2				90		%
Scandium	45-1				102		%
Scandium	45-2				101		%
Selenium	77-2	38.20	41.81	39.27	39.76	4.66	ppb
Selenium	78-2	7.74	8.60	7.98	8.11	5.44	ppb
Selenium	82-1	1.08	1.23	0.95	1.09	13.03	ppb
Silicon	28-1	264.09	281.47	283.01	276.19	3.80	ppb
Silver	109-1	0.06	0.07	0.05	0.06	17.40	ppb
Silver	107-1	0.11	0.11	0.12	0.11	2.18	ppb
Sodium	23-2	1188.11	1242.43	1188.93	1206.49	2.58	ppb
Strontium	86-1	65.60	67.00	68.65	67.08	2.27	ppb
Strontium	88-1	65.80	65.88	68.47	66.72	2.28	ppb
Sulfur	34-1	-1179.02	-1179.03	-1104.68	-1154.24		ppb
Terbium	159-1				99		%
Terbium	159-2				98		%
Thallium	203-1	0.52	0.60	0.59	0.57	7.16	ppb
Thallium	205-1	0.57	0.59	0.61	0.59	3.82	ppb
Thorium	232-1	22.99	23.18	23.81	23.33	1.84	ppb
Tin	118-1	1.61	1.53	1.59	1.58	2.66	ppb
Titanium	47-1	517.95	524.59	540.80	527.78	2.23	ppb
Uranium	238-1	5.37	5.48	5.54	5.46	1.57	ppb
Vanadium	51-2	197.18	205.70	197.97	200.28	2.35	ppb
Yttrium	89-1				115		%
Yttrium	89-2				114		%

LB Number :	LB100928	Operator :	Jaswal
Lab Sample ID :	K1308-02	Instrumnet Name :	P7
Client Sample ID :	SB-18(34.5-35)	Dilution Factor :	1
Date & Time Acquired ::	2019-02-20 16:47:12	DataFile Name :	041SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zinc	66-2	450.59	467.59	447.94	455.37	2.34	ppb
Zirconium	90-1	31.82	32.09	33.30	32.40	2.44	ppb
Zirconium	91-1	31.96	31.82	33.40	32.40	2.70	ppb

LB Number :	LB100928	Operator :	Jaswal
Lab Sample ID :	K1281-01DLX5	Instrumnet Name :	P7
Client Sample ID :	SB-16(35.5-36)DL	Dilution Factor :	5
Date & Time Acquired ::	2019-02-20 16:50:50	DataFile Name :	042SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	21804.44	21898.49	21542.03	21748.32	0.85	ppb
Antimony	121-1	0.01	0.02	0.02	0.02	5.44	ppb
Arsenic	75-2	34.87	34.90	34.80	34.86	0.14	ppb
Barium	135-1	227.12	227.62	224.66	226.47	0.70	ppb
Barium	137-1	228.09	227.57	227.50	227.72	0.14	ppb
Beryllium	9-1	1.84	1.85	1.90	1.86	1.67	ppb
Bismuth	209-1				94		%
Bismuth	209-2				93		%
Boron	10-1	11.97	11.68	11.72	11.79	1.31	ppb
Boron	11-1	12.36	12.55	12.79	12.57	1.73	ppb
Cadmium	111-1	0.46	0.52	0.56	0.51	9.69	ppb
Cadmium	106-1	3.75	4.44	4.92	4.37	13.44	ppb
Cadmium	108-1	2.11	1.88	1.96	1.98	5.78	ppb
Calcium	43-1	3375.88	3373.29	3413.03	3387.40	0.66	ppb
Calcium	44-1	3584.93	3592.47	3579.76	3585.72	0.18	ppb
Chromium	52-2	43.78	43.43	43.19	43.46	0.68	ppb
Cobalt	59-2	36.43	36.07	36.31	36.27	0.50	ppb
Copper	63-2	23.96	23.59	23.84	23.79	0.79	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				97		%
Holmium	165-2				99		%
Indium	115-1				94		%
Indium	115-2				94		%
Iron	56-2	62025.94	62338.50	61660.12	62008.19	0.55	ppb
Iron	57-2	61952.61	61630.91	60718.05	61433.86	1.04	ppb
Krypton	83-1						cps
Lead	206-1	15.93	16.05	15.93	15.97	0.43	ppb
Lead	207-1	14.29	14.71	14.54	14.51	1.43	ppb
Lead	208-1	15.08	15.32	15.12	15.17	0.82	ppb
Lithium	6-1				103		%
Magnesium	24-2	14327.32	14336.48	14152.70	14272.17	0.73	ppb

LB Number :	LB100928	Operator :	Jaswal
Lab Sample ID :	K1281-01DLX5	Instrumnet Name :	P7
Client Sample ID :	SB-16(35.5-36)DL	Dilution Factor :	5
Date & Time Acquired ::	2019-02-20 16:50:50	DataFile Name :	042SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	1748.38	1736.36	1708.66	1731.14	1.18	ppb
Molybdenum	94-1	18.84	18.45	19.04	18.78	1.59	ppb
Molybdenum	95-1	1.05	1.04	1.03	1.04	1.40	ppb
Molybdenum	96-1	3.49	3.48	3.50	3.49	0.23	ppb
Molybdenum	97-1	1.04	1.06	1.04	1.05	0.65	ppb
Molybdenum	98-1	1.01	1.03	1.04	1.03	1.58	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	72.95	72.08	72.30	72.44	0.63	ppb
Phosphorus	31-2	343.90	370.20	376.74	363.61	4.78	ppb
Potassium	39-2	4790.91	4791.61	4736.30	4772.94	0.66	ppb
Rhodium	103-1				94		%
Rhodium	103-2				94		%
Scandium	45-1				99		%
Scandium	45-2				98		%
Selenium	77-2	13.64	11.25	12.76	12.55	9.60	ppb
Selenium	78-2	2.44	2.84	2.48	2.59	8.43	ppb
Selenium	82-1	0.56	0.38	0.33	0.43	28.45	ppb
Silicon	28-1	186.47	132.87	248.03	189.12	30.47	ppb
Silver	109-1	0.01	0.01	0.01	0.01	21.03	ppb
Silver	107-1	0.03	0.03	0.03	0.03	10.02	ppb
Sodium	23-2	377.16	380.80	369.72	375.89	1.50	ppb
Strontium	86-1	40.68	40.44	42.33	41.15	2.50	ppb
Strontium	88-1	40.28	40.09	40.52	40.29	0.53	ppb
Sulfur	34-1	-1245.42	-1212.53	-1188.88	-1215.61		ppb
Terbium	159-1				99		%
Terbium	159-2				99		%
Thallium	203-1	0.48	0.52	0.51	0.50	3.75	ppb
Thallium	205-1	0.50	0.51	0.50	0.50	1.69	ppb
Thorium	232-1	9.56	9.81	9.84	9.74	1.56	ppb
Tin	118-1	0.20	0.19	0.20	0.20	3.01	ppb
Titanium	47-1	112.80	114.45	112.04	113.10	1.09	ppb
Uranium	238-1	1.87	1.92	1.95	1.91	2.11	ppb
Vanadium	51-2	170.54	169.88	168.87	169.76	0.50	ppb
Yttrium	89-1				104		%
Yttrium	89-2				103		%

LB Number :	LB100928	Operator :	Jaswal
Lab Sample ID :	K1281-01DLX5	Instrumnet Name :	P7
Client Sample ID :	SB-16(35.5-36)DL	Dilution Factor :	5
Date & Time Acquired ::	2019-02-20 16:50:50	DataFile Name :	042SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zinc	66-2	163.75	163.05	162.49	163.10	0.39	ppb
Zirconium	90-1	12.77	12.80	12.83	12.80	0.23	ppb
Zirconium	91-1	13.06	12.70	12.75	12.84	1.50	ppb

LB Number :	LB100928	Operator :	Jaswal
Lab Sample ID :	K1281-02DLX5	Instrumnet Name :	P7
Client Sample ID :	SB-15(33.5-34)DL	Dilution Factor :	5
Date & Time Acquired ::	2019-02-20 16:54:27	DataFile Name :	043SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	19053.92	19295.80	19496.56	19282.10	1.15	ppb
Antimony	121-1	0.12	0.13	0.14	0.13	9.48	ppb
Arsenic	75-2	6.01	5.85	5.85	5.90	1.57	ppb
Barium	135-1	181.31	182.01	178.19	180.50	1.13	ppb
Barium	137-1	183.19	185.01	180.11	182.77	1.35	ppb
Beryllium	9-1	1.75	1.77	1.78	1.77	0.63	ppb
Bismuth	209-1				94		%
Bismuth	209-2				94		%
Boron	10-1	8.19	8.15	8.08	8.14	0.69	ppb
Boron	11-1	8.01	8.08	8.14	8.08	0.76	ppb
Cadmium	111-1	0.63	0.64	0.57	0.61	5.96	ppb
Cadmium	106-1	3.95	4.46	3.55	3.99	11.42	ppb
Cadmium	108-1	2.12	2.12	2.25	2.16	3.44	ppb
Calcium	43-1	2686.16	2732.31	2682.13	2700.20	1.03	ppb
Calcium	44-1	2826.08	2856.80	2821.42	2834.76	0.68	ppb
Chromium	52-2	41.74	41.89	42.16	41.93	0.50	ppb
Cobalt	59-2	25.89	26.08	26.20	26.06	0.61	ppb
Copper	63-2	25.53	25.55	26.01	25.70	1.05	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				97		%
Holmium	165-2				98		%
Indium	115-1				94		%
Indium	115-2				95		%
Iron	56-2	37525.37	37570.90	38089.16	37728.48	0.83	ppb
Iron	57-2	36974.10	37345.65	37703.05	37340.94	0.98	ppb
Krypton	83-1						cps
Lead	206-1	18.18	17.92	17.60	17.90	1.61	ppb
Lead	207-1	16.42	16.38	15.87	16.23	1.88	ppb
Lead	208-1	17.08	17.14	16.74	16.99	1.25	ppb
Lithium	6-1				102		%
Magnesium	24-2	13033.09	12937.02	13155.72	13041.94	0.84	ppb

LB Number :	LB100928	Operator :	Jaswal
Lab Sample ID :	K1281-02DLX5	Instrumnet Name :	P7
Client Sample ID :	SB-15(33.5-34)DL	Dilution Factor :	5
Date & Time Acquired ::	2019-02-20 16:54:27	DataFile Name :	043SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	1333.27	1343.75	1345.72	1340.91	0.50	ppb
Molybdenum	94-1	20.11	19.94	20.37	20.14	1.06	ppb
Molybdenum	95-1	1.78	1.73	1.73	1.75	1.84	ppb
Molybdenum	96-1	4.18	4.05	4.20	4.14	2.03	ppb
Molybdenum	97-1	1.67	1.71	1.71	1.70	1.22	ppb
Molybdenum	98-1	1.73	1.79	1.73	1.75	1.81	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	61.18	60.62	60.83	60.88	0.46	ppb
Phosphorus	31-2	495.12	506.87	495.63	499.21	1.33	ppb
Potassium	39-2	3463.79	3452.63	3513.38	3476.60	0.93	ppb
Rhodium	103-1				93		%
Rhodium	103-2				93		%
Scandium	45-1				97		%
Scandium	45-2				98		%
Selenium	77-2	11.28	14.56	13.56	13.13	12.83	ppb
Selenium	78-2	2.54	2.82	3.25	2.87	12.51	ppb
Selenium	82-1	0.70	0.22	0.70	0.54	51.43	ppb
Silicon	28-1	106.23	90.00	87.43	94.55	10.78	ppb
Silver	109-1	0.08	0.07	0.06	0.07	10.10	ppb
Silver	107-1	0.09	0.09	0.09	0.09	2.96	ppb
Sodium	23-2	427.61	424.03	431.76	427.80	0.90	ppb
Strontium	86-1	24.02	24.18	24.40	24.20	0.78	ppb
Strontium	88-1	24.40	24.17	24.13	24.23	0.58	ppb
Sulfur	34-1	-1198.91	-1216.68	-1272.23	-1229.27		ppb
Terbium	159-1				98		%
Terbium	159-2				99		%
Thallium	203-1	0.61	0.65	0.58	0.61	5.60	ppb
Thallium	205-1	0.62	0.59	0.59	0.60	2.54	ppb
Thorium	232-1	8.16	8.08	7.99	8.08	1.05	ppb
Tin	118-1	0.54	0.52	0.53	0.53	2.25	ppb
Titanium	47-1	150.56	155.04	146.70	150.76	2.77	ppb
Uranium	238-1	1.62	1.64	1.67	1.64	1.42	ppb
Vanadium	51-2	54.73	54.94	54.71	54.79	0.23	ppb
Yttrium	89-1				102		%
Yttrium	89-2				102		%

LB Number :	LB100928	Operator :	Jaswal
Lab Sample ID :	K1281-02DLX5	Instrumnet Name :	P7
Client Sample ID :	SB-15(33.5-34)DL	Dilution Factor :	5
Date & Time Acquired ::	2019-02-20 16:54:27	DataFile Name :	043SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zinc	66-2	154.92	156.00	156.49	155.80	0.51	ppb
Zirconium	90-1	13.56	13.52	13.30	13.46	1.04	ppb
Zirconium	91-1	13.56	13.26	13.30	13.37	1.21	ppb

LB Number :	LB100928	Operator :	Jaswal
Lab Sample ID :	CCV11	Instrumnet Name :	P7
Client Sample ID :	CCV11	Dilution Factor :	1
Date & Time Acquired ::	2019-02-20 16:58:49	DataFile Name :	044CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	48755.20	48828.15	49088.34	48890.56	0.36	ppb
Antimony	121-1	463.51	465.30	468.71	465.84	0.57	ppb
Arsenic	75-2	464.39	464.17	467.28	465.28	0.37	ppb
Barium	135-1	2415.26	2414.51	2423.97	2417.91	0.22	ppb
Barium	137-1	2411.85	2409.15	2413.13	2411.38	0.08	ppb
Beryllium	9-1	480.84	478.91	484.07	481.27	0.54	ppb
Bismuth	209-1				79		%
Bismuth	209-2				80		%
Boron	10-1	463.55	469.78	476.49	469.94	1.38	ppb
Boron	11-1	464.13	473.81	477.83	471.92	1.49	ppb
Cadmium	111-1	488.84	485.98	501.48	492.10	1.68	ppb
Cadmium	106-1	497.63	499.41	511.36	502.80	1.48	ppb
Cadmium	108-1	495.75	495.34	509.36	500.15	1.60	ppb
Calcium	43-1	230578.40	229776.95	232355.71	230903.69	0.57	ppb
Calcium	44-1	230990.86	229583.50	235191.93	231922.10	1.26	ppb
Chromium	52-2	471.84	474.76	474.54	473.71	0.34	ppb
Cobalt	59-2	462.67	473.34	469.26	468.42	1.15	ppb
Copper	63-2	989.14	999.67	997.11	995.31	0.55	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				92		%
Holmium	165-2				95		%
Indium	115-1				86		%
Indium	115-2				89		%
Iron	56-2	123239.52	123262.56	123202.55	123234.88	0.02	ppb
Iron	57-2	121938.99	123141.47	123397.78	122826.08	0.63	ppb
Krypton	83-1						cps
Lead	206-1	503.82	499.58	505.88	503.09	0.64	ppb
Lead	207-1	503.33	501.11	494.09	499.51	0.96	ppb
Lead	208-1	504.01	499.26	499.23	500.83	0.55	ppb
Lithium	6-1				90		%
Magnesium	24-2	238975.38	241283.02	241665.65	240641.35	0.60	ppb

LB Number :	LB100928	Operator :	Jaswal
Lab Sample ID :	CCV11	Instrumnet Name :	P7
Client Sample ID :	CCV11	Dilution Factor :	1
Date & Time Acquired ::	2019-02-20 16:58:49	DataFile Name :	044CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	942.16	955.39	951.42	949.65	0.72	ppb
Molybdenum	94-1	2461.40	2421.30	2423.53	2435.41	0.93	ppb
Molybdenum	95-1	2408.24	2412.76	2395.94	2405.65	0.36	ppb
Molybdenum	96-1	2431.59	2407.53	2411.63	2416.92	0.53	ppb
Molybdenum	97-1	2390.53	2412.33	2394.97	2399.28	0.48	ppb
Molybdenum	98-1	2418.22	2443.77	2400.06	2420.68	0.91	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	476.82	477.53	481.25	478.53	0.50	ppb
Phosphorus	31-2	9540.64	9512.36	9468.24	9507.08	0.38	ppb
Potassium	39-2	112668.63	114462.91	114197.87	113776.47	0.85	ppb
Rhodium	103-1				82		%
Rhodium	103-2				83		%
Scandium	45-1				92		%
Scandium	45-2				97		%
Selenium	77-2	469.50	468.86	477.41	471.92	1.01	ppb
Selenium	78-2	474.36	479.18	477.85	477.13	0.52	ppb
Selenium	82-1	464.60	464.86	466.60	465.35	0.23	ppb
Silicon	28-1	535.56	533.67	555.26	541.50	2.21	ppb
Silver	109-1	505.82	507.69	507.48	507.00	0.20	ppb
Silver	107-1	505.38	508.39	509.87	507.88	0.45	ppb
Sodium	23-2	234203.25	236825.41	237972.17	236333.61	0.82	ppb
Strontium	86-1	488.71	489.66	486.37	488.25	0.35	ppb
Strontium	88-1	487.17	483.38	483.78	484.77	0.43	ppb
Sulfur	34-1	10039.61	9760.89	9951.59	9917.36	1.44	ppb
Terbium	159-1				93		%
Terbium	159-2				96		%
Thallium	203-1	513.38	496.66	507.73	505.92	1.68	ppb
Thallium	205-1	513.48	493.57	505.45	504.17	1.99	ppb
Thorium	232-1	501.25	518.56	509.71	509.84	1.70	ppb
Tin	118-1	472.84	474.47	471.37	472.90	0.33	ppb
Titanium	47-1	2404.76	2379.28	2427.68	2403.91	1.01	ppb
Uranium	238-1	506.03	507.50	504.36	505.96	0.31	ppb
Vanadium	51-2	474.56	481.77	478.88	478.40	0.76	ppb
Yttrium	89-1				91		%
Yttrium	89-2				95		%

LB Number :	LB100928	Operator :	Jaswal
Lab Sample ID :	CCV11	Instrumnet Name :	P7
Client Sample ID :	CCV11	Dilution Factor :	1
Date & Time Acquired ::	2019-02-20 16:58:49	DataFile Name :	044CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zinc	66-2	1039.12	1039.93	1045.73	1041.60	0.35	ppb
Zirconium	90-1	492.23	482.80	483.84	486.29	1.06	ppb
Zirconium	91-1	478.94	482.39	484.91	482.08	0.62	ppb

LB Number :	LB100928	Operator :	Jaswal
Lab Sample ID :	CCB11	Instrumnet Name :	P7
Client Sample ID :	CCB11	Dilution Factor :	1
Date & Time Acquired ::	2019-02-20 17:05:21	DataFile Name :	045CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	0.61	0.74	0.49	0.61	20.66	ppb
Antimony	121-1	0.08	0.08	0.09	0.08	10.49	ppb
Arsenic	75-2	0.02	0.01	0.00	0.01	115.52	ppb
Barium	135-1	0.09	0.06	0.07	0.07	24.25	ppb
Barium	137-1	0.07	0.06	0.06	0.06	14.20	ppb
Beryllium	9-1	0.04	0.03	0.03	0.03	15.66	ppb
Bismuth	209-1				96		%
Bismuth	209-2				99		%
Boron	10-1	6.02	5.90	5.76	5.89	2.19	ppb
Boron	11-1	6.19	5.82	5.56	5.85	5.41	ppb
Cadmium	111-1	-0.02	-0.01	-0.02	-0.02		ppb
Cadmium	106-1	-0.53	-0.42	-0.51	-0.49		ppb
Cadmium	108-1	0.01	0.02	0.07	0.03	100.35	ppb
Calcium	43-1	6.93	5.99	5.15	6.02	14.81	ppb
Calcium	44-1	34.88	27.02	25.21	29.04	17.71	ppb
Chromium	52-2	0.00	0.00	0.02	0.01	227.82	ppb
Cobalt	59-2	0.01	0.01	0.01	0.01	19.67	ppb
Copper	63-2	0.02	0.02	0.03	0.02	24.03	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				97		%
Holmium	165-2				101		%
Indium	115-1				98		%
Indium	115-2				100		%
Iron	56-2	2.78	2.34	2.00	2.37	16.47	ppb
Iron	57-2	3.72	2.27	1.84	2.61	37.83	ppb
Krypton	83-1						cps
Lead	206-1	0.04	0.03	0.03	0.03	8.59	ppb
Lead	207-1	0.04	0.03	0.04	0.03	23.67	ppb
Lead	208-1	0.04	0.03	0.03	0.03	15.97	ppb
Lithium	6-1				98		%
Magnesium	24-2	4.08	3.17	3.23	3.49	14.53	ppb

LB Number :	LB100928	Operator :	Jaswal
Lab Sample ID :	CCB11	Instrumnet Name :	P7
Client Sample ID :	CCB11	Dilution Factor :	1
Date & Time Acquired ::	2019-02-20 17:05:21	DataFile Name :	045CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	0.02	0.02	0.01	0.02	27.12	ppb
Molybdenum	94-1	0.17	0.13	0.14	0.15	13.54	ppb
Molybdenum	95-1	0.18	0.14	0.12	0.15	20.75	ppb
Molybdenum	96-1	0.19	0.15	0.12	0.16	23.70	ppb
Molybdenum	97-1	0.18	0.16	0.13	0.16	14.77	ppb
Molybdenum	98-1	0.18	0.15	0.11	0.15	23.34	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.03	0.01	0.03	0.02	45.62	ppb
Phosphorus	31-2	-31.95	-29.42	-28.75	-30.04		ppb
Potassium	39-2	16.42	14.23	13.53	14.73	10.25	ppb
Rhodium	103-1				98		%
Rhodium	103-2				100		%
Scandium	45-1				98		%
Scandium	45-2				101		%
Selenium	77-2	-0.03	-0.03	-0.03	-0.03		ppb
Selenium	78-2	0.24	0.15	-0.10	0.10	181.48	ppb
Selenium	82-1	0.17	0.07	0.03	0.09	81.66	ppb
Silicon	28-1	3.42	1.77	2.51	2.57	32.10	ppb
Silver	109-1	0.02	0.02	0.02	0.02	4.41	ppb
Silver	107-1	0.02	0.03	0.02	0.02	19.80	ppb
Sodium	23-2	18.67	15.92	15.62	16.74	10.05	ppb
Strontium	86-1	0.01	0.02	0.03	0.02	30.33	ppb
Strontium	88-1	0.02	0.01	0.01	0.01	23.59	ppb
Sulfur	34-1	59.52	-85.55	-121.37	-49.13		ppb
Terbium	159-1				99		%
Terbium	159-2				101		%
Thallium	203-1	0.06	0.05	0.05	0.05	10.90	ppb
Thallium	205-1	0.05	0.04	0.04	0.04	13.77	ppb
Thorium	232-1	0.04	0.03	0.03	0.03	9.41	ppb
Tin	118-1	0.05	0.05	0.04	0.05	9.03	ppb
Titanium	47-1	0.06	0.05	0.01	0.04	60.93	ppb
Uranium	238-1	0.01	0.01	0.01	0.01	8.76	ppb
Vanadium	51-2	0.01	0.01	0.00	0.01	30.04	ppb
Yttrium	89-1				99		%
Yttrium	89-2				101		%

LB Number :	LB100928	Operator :	Jaswal
Lab Sample ID :	CCB11	Instrumnet Name :	P7
Client Sample ID :	CCB11	Dilution Factor :	1
Date & Time Acquired ::	2019-02-20 17:05:21	DataFile Name :	045CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zinc	66-2	0.12	0.10	0.13	0.12	11.73	ppb
Zirconium	90-1	0.03	0.03	0.03	0.03	12.97	ppb
Zirconium	91-1	0.02	0.02	0.02	0.02	19.49	ppb

LB Number :	LB100928	Operator :	Jaswal
Lab Sample ID :	S0	Instrumnet Name :	P7
Client Sample ID :	S0	Dilution Factor :	1
Date & Time Acquired ::	2019-02-20 14:08:59	DataFile Name :	004CALB.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	150	108	133	131	16.06	cps
Antimony	121-1	83	125	125	111	21.65	cps
Arsenic	75-2	24	22	13	20	30.14	cps
Barium	135-1	0	42	58	33	90.14	cps
Barium	137-1	58	50	50	53	9.12	cps
Beryllium	9-1	123	93	100	106	14.92	cps
Bismuth	209-1	14538976	14662241	14438807	14546675	0.77	cps
Bismuth	209-2	11203838	11192160	11205424	11200474	0.06	cps
Boron	10-1	1458	1508	1617	1528	5.30	cps
Boron	11-1	6443	7177	7135	6919	5.96	cps
Cadmium	111-1	11753	11447	11247	11482	2.22	cps
Cadmium	106-1	16752	16318	16043	16371	2.18	cps
Cadmium	108-1	46	25	42	38	29.40	cps
Calcium	43-1	1067	842	1033	981	12.38	cps
Calcium	44-1	168708	166491	168132	167777	0.69	cps
Chromium	52-2	4671	4547	4904	4708	3.85	cps
Cobalt	59-2	110	107	153	123	21.11	cps
Copper	63-2	2714	2570	2630	2638	2.73	cps
Dysprosium	156-1	8	8	17	11	43.34	cps
Dysprosium	156-2	7	3	13	8	65.47	cps
Erbium	164-1	75	67	58	67	12.49	cps
Erbium	164-2	33	37	43	38	13.48	cps
Gadolinium	160-1	200	242	258	233	12.88	cps
Gadolinium	160-2	427	457	380	421	9.17	cps
Holmium	165-1	22502619	22275461	22135996	22304692	0.83	cps
Holmium	165-2	14930278	14878716	14887137	14898710	0.19	cps
Indium	115-1	18761528	18836677	18923836	18840680	0.43	cps
Indium	115-2	5276295	5262981	5255318	5264865	0.20	cps
Iron	56-2	16866	16994	17489	17116	1.92	cps
Iron	57-2	356	394	467	406	13.90	cps
Krypton	83-1	1947	1747	1813	1836	5.55	cps
Lead	206-1	844	867	806	839	3.69	cps
Lead	207-1	700	694	700	698	0.46	cps
Lead	208-1	3328	3661	3106	3365	8.31	cps
Lithium	6-1	4625558	4695413	4634831	4651934	0.82	cps
Magnesium	24-2	450	333	325	369	18.92	cps

LB Number :	LB100928	Operator :	Jaswal
Lab Sample ID :	S0	Instrumnet Name :	P7
Client Sample ID :	S0	Dilution Factor :	1
Date & Time Acquired ::	2019-02-20 14:08:59	DataFile Name :	004CALB.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	83	80	70	78	8.92	cps
Molybdenum	94-1	533	483	483	500	5.77	cps
Molybdenum	95-1	125	117	100	114	11.18	cps
Molybdenum	96-1	275	250	225	250	10.00	cps
Molybdenum	97-1	42	33	58	44	28.65	cps
Molybdenum	98-1	83	83	133	100	28.87	cps
Neodymium	150-1	0	0	7	2	173.21	cps
Neodymium	150-2	0	0	0	0	0.00	cps
Nickel	60-2	207	217	203	209	3.32	cps
Phosphorus	31-2	617	608	592	606	2.10	cps
Potassium	39-2	60366	60725	60566	60552	0.30	cps
Rhodium	103-1	18597817	18377944	18384879	18453546	0.68	cps
Rhodium	103-2	11229992	11314997	11294288	11279759	0.39	cps
Scandium	45-1	12651991	12561920	12628655	12614189	0.37	cps
Scandium	45-2	822711	834815	828601	828709	0.73	cps
Selenium	77-2	0	0	3	1	173.21	cps
Selenium	78-2	224	233	248	235	5.16	cps
Selenium	82-1	242	500	434	392	34.17	cps
Silicon	28-1	633830	636784	636496	635704	0.26	cps
Silver	109-1	150	125	117	131	13.29	cps
Silver	107-1	308	283	200	264	21.50	cps
Sodium	23-2	41391	41542	41659	41531	0.32	cps
Strontium	86-1	2759	3125	2975	2953	6.24	cps
Strontium	88-1	117	175	167	153	20.65	cps
Sulfur	34-1	806235	800009	799741	801995	0.46	cps
Terbium	159-1	22994991	22680226	22760428	22811882	0.72	cps
Terbium	159-2	14767444	14794055	14624424	14728641	0.62	cps
Thallium	203-1	508	600	658	589	12.84	cps
Thallium	205-1	1492	1442	1483	1472	1.82	cps
Thorium	232-1	667	672	728	689	4.91	cps
Tin	118-1	1025	900	950	958	6.56	cps
Titanium	47-1	1433	1475	1467	1458	1.51	cps
Uranium	238-1	8	58	58	42	69.29	cps
Vanadium	51-2	10	20	10	13	43.30	cps
Yttrium	89-1	19569129	19429056	19222196	19406793	0.90	cps
Yttrium	89-2	4010273	4015382	3988479	4004711	0.36	cps

LB Number :	LB100928	Operator :	Jaswal
Lab Sample ID :	S0	Instrumnet Name :	P7
Client Sample ID :	S0	Dilution Factor :	1
Date & Time Acquired ::	2019-02-20 14:08:59	DataFile Name :	004CALB.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zinc	66-2	553	540	487	527	6.70	cps
Zirconium	90-1	1667	1675	1575	1639	3.39	cps
Zirconium	91-1	342	350	325	339	3.76	cps

LB Number :	LB100928	Operator :	Jaswal
Lab Sample ID :	S2	Instrumnet Name :	P7
Client Sample ID :	S2	Dilution Factor :	1
Date & Time Acquired ::	2019-02-20 14:17:23	DataFile Name :	006CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	7436	7419	7202	7352	1.77	cps
Antimony	121-1	37234	36164	36215	36538	1.65	cps
Arsenic	75-2	1133	1139	1167	1146	1.56	cps
Barium	135-1	47917	50702	47734	48784	3.41	cps
Barium	137-1	81833	82302	84097	82744	1.44	cps
Beryllium	9-1	5581	5501	5778	5620	2.53	cps
Bismuth	209-1	13913489	14133781	14153141	14066803	0.95	cps
Bismuth	209-2	11067510	10872907	10975417	10971944	0.89	cps
Boron	10-1	29279	29839	29638	29585	0.96	cps
Boron	11-1	143318	145018	147204	145180	1.34	cps
Cadmium	111-1	17277	17137	17192	17202	0.41	cps
Cadmium	106-1	16727	16302	16510	16513	1.29	cps
Cadmium	108-1	542	554	571	556	2.63	cps
Calcium	43-1	36154	36137	36471	36254	0.52	cps
Calcium	44-1	725392	724065	726899	725452	0.20	cps
Chromium	52-2	24404	24978	24230	24537	1.60	cps
Cobalt	59-2	16656	16323	16376	16452	1.09	cps
Copper	63-2	26521	26361	26484	26455	0.32	cps
Dysprosium	156-1	8	17	25	17	50.01	cps
Dysprosium	156-2	17	7	13	12	41.65	cps
Erbium	164-1	100	83	75	86	14.78	cps
Erbium	164-2	43	57	50	50	13.34	cps
Gadolinium	160-1	192	142	208	181	19.22	cps
Gadolinium	160-2	410	440	467	439	6.46	cps
Holmium	165-1	21316794	21340332	21244209	21300445	0.24	cps
Holmium	165-2	14627785	14692545	14539357	14619896	0.53	cps
Indium	115-1	18155182	18210640	17927852	18097891	0.83	cps
Indium	115-2	5152093	5215019	5208634	5191915	0.67	cps
Iron	56-2	508804	508970	509508	509094	0.07	cps
Iron	57-2	12945	13217	12478	12880	2.90	cps
Krypton	83-1	1690	1770	1890	1783	5.65	cps
Lead	206-1	16555	16321	16277	16385	0.91	cps
Lead	207-1	14653	14391	15009	14684	2.11	cps
Lead	208-1	66099	66579	66411	66363	0.37	cps
Lithium	6-1	4621966	4599265	4588829	4603353	0.37	cps
Magnesium	24-2	423824	429655	421803	425094	0.96	cps

LB Number :	LB100928	Operator :	Jaswal
Lab Sample ID :	S2	Instrumnet Name :	P7
Client Sample ID :	S2	Dilution Factor :	1
Date & Time Acquired ::	2019-02-20 14:17:23	DataFile Name :	006CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	6812	6738	6775	6775	0.54	cps
Molybdenum	94-1	45399	45173	45114	45229	0.33	cps
Molybdenum	95-1	55944	54472	55877	55431	1.50	cps
Molybdenum	96-1	59667	60228	61224	60373	1.31	cps
Molybdenum	97-1	34936	34242	35270	34816	1.51	cps
Molybdenum	98-1	88056	87067	88743	87955	0.96	cps
Neodymium	150-1	7	7	7	7	0.00	cps
Neodymium	150-2	0	0	3	1	173.21	cps
Nickel	60-2	4951	4918	4781	4883	1.85	cps
Phosphorus	31-2	1850	1775	2092	1906	8.68	cps
Potassium	39-2	466798	464455	464660	465304	0.28	cps
Rhodium	103-1	17879779	17727451	17667737	17758322	0.62	cps
Rhodium	103-2	11123022	11023474	10987056	11044518	0.64	cps
Scandium	45-1	12128396	12226482	12337839	12230906	0.86	cps
Scandium	45-2	820945	816734	819578	819086	0.26	cps
Selenium	77-2	207	180	207	198	7.79	cps
Selenium	78-2	954	904	913	923	2.88	cps
Selenium	82-1	3272	3164	3223	3220	1.69	cps
Silicon	28-1	793640	790594	794718	792984	0.27	cps
Silver	109-1	34711	34535	35170	34805	0.94	cps
Silver	107-1	37209	36783	36415	36802	1.08	cps
Sodium	23-2	810573	817151	812538	813421	0.42	cps
Strontium	86-1	9112	9804	9320	9412	3.77	cps
Strontium	88-1	58847	60747	59407	59667	1.64	cps
Sulfur	34-1	823627	815793	829498	822972	0.84	cps
Terbium	159-1	22116286	21955949	22300048	22124094	0.78	cps
Terbium	159-2	14567374	14611468	14539820	14572887	0.25	cps
Thallium	203-1	19140	19323	19482	19315	0.89	cps
Thallium	205-1	48089	47344	47545	47659	0.81	cps
Thorium	232-1	62254	60635	61857	61582	1.37	cps
Tin	118-1	90106	91281	93041	91476	1.61	cps
Titanium	47-1	18170	18028	18746	18315	2.07	cps
Uranium	238-1	60819	62609	60852	61427	1.67	cps
Vanadium	51-2	39971	41158	40422	40517	1.48	cps
Yttrium	89-1	18603595	18823290	18704056	18710314	0.59	cps
Yttrium	89-2	3985714	3953813	3962607	3967378	0.42	cps

LB Number :	LB100928	Operator :	Jaswal
Lab Sample ID :	S2	Instrumnet Name :	P7
Client Sample ID :	S2	Dilution Factor :	1
Date & Time Acquired ::	2019-02-20 14:17:23	DataFile Name :	006CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zinc	66-2	5775	5688	5861	5775	1.50	cps
Zirconium	90-1	35754	36055	36306	36038	0.77	cps
Zirconium	91-1	7736	8211	8203	8050	3.38	cps

LB Number :	LB100928	Operator :	Jaswal
Lab Sample ID :	S3	Instrumnet Name :	P7
Client Sample ID :	S3	Dilution Factor :	1
Date & Time Acquired ::	2019-02-20 14:21:18	DataFile Name :	007CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	387439	388550	393780	389923	0.87	cps
Antimony	121-1	1018148	1015149	1014525	1015941	0.19	cps
Arsenic	75-2	59478	59603	59410	59497	0.16	cps
Barium	135-1	1283927	1293688	1276926	1284847	0.66	cps
Barium	137-1	2230357	2270228	2218826	2239804	1.20	cps
Beryllium	9-1	301859	304147	299924	301977	0.70	cps
Bismuth	209-1	14002928	13853940	13953864	13936911	0.54	cps
Bismuth	209-2	10609812	10726640	10712563	10683005	0.60	cps
Boron	10-1	63526	61877	63568	62990	1.53	cps
Boron	11-1	302007	302958	311002	305322	1.62	cps
Cadmium	111-1	357810	355900	355502	356404	0.35	cps
Cadmium	106-1	53461	55451	55477	54796	2.11	cps
Cadmium	108-1	27059	26905	26642	26869	0.79	cps
Calcium	43-1	383288	385436	382945	383890	0.35	cps
Calcium	44-1	5966375	5969708	5895628	5943904	0.70	cps
Chromium	52-2	529755	528877	530692	529774	0.17	cps
Cobalt	59-2	864715	871303	864053	866690	0.46	cps
Copper	63-2	1234473	1246213	1241863	1240850	0.48	cps
Dysprosium	156-1	17	58	92	56	67.63	cps
Dysprosium	156-2	33	27	27	29	13.31	cps
Erbium	164-1	108	92	100	100	8.33	cps
Erbium	164-2	63	37	43	48	29.04	cps
Gadolinium	160-1	292	275	267	278	4.58	cps
Gadolinium	160-2	407	440	433	427	4.13	cps
Holmium	165-1	21199999	21559087	21266645	21341911	0.89	cps
Holmium	165-2	14301946	14433816	14503915	14413226	0.71	cps
Indium	115-1	17809569	17848083	17577660	17745104	0.82	cps
Indium	115-2	5007351	5052952	5018931	5026411	0.47	cps
Iron	56-2	23323432	23591739	23496655	23470609	0.58	cps
Iron	57-2	577661	589379	593503	586848	1.40	cps
Krypton	83-1	1753	1840	1747	1780	2.93	cps
Lead	206-1	850715	874875	884337	869976	1.99	cps
Lead	207-1	783516	773674	794445	783878	1.33	cps
Lead	208-1	3525630	3524225	3572420	3540759	0.77	cps
Lithium	6-1	4541649	4541679	4544216	4542515	0.03	cps
Magnesium	24-2	4409146	4343424	4409910	4387493	0.87	cps

LB Number :	LB100928	Operator :	Jaswal
Lab Sample ID :	S3	Instrumnet Name :	P7
Client Sample ID :	S3	Dilution Factor :	1
Date & Time Acquired ::	2019-02-20 14:21:18	DataFile Name :	007CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	671156	675412	675988	674185	0.39	cps
Molybdenum	94-1	2388339	2399053	2401549	2396314	0.29	cps
Molybdenum	95-1	2973809	3031430	3077393	3027544	1.71	cps
Molybdenum	96-1	3318739	3366160	3358444	3347781	0.76	cps
Molybdenum	97-1	1856007	1897792	1887442	1880414	1.16	cps
Molybdenum	98-1	4914949	4956318	4897865	4923044	0.61	cps
Neodymium	150-1	100	120	140	120	16.67	cps
Neodymium	150-2	17	7	23	16	53.90	cps
Nickel	60-2	230049	230208	228837	229698	0.33	cps
Phosphorus	31-2	25648	25940	25990	25859	0.71	cps
Potassium	39-2	2196731	2212617	2227357	2212235	0.69	cps
Rhodium	103-1	17503254	17522005	17335152	17453470	0.59	cps
Rhodium	103-2	10637496	10634988	10623453	10631979	0.07	cps
Scandium	45-1	11993441	12092757	11879160	11988452	0.89	cps
Scandium	45-2	791148	804075	802571	799265	0.88	cps
Selenium	77-2	1920	2027	1960	1969	2.74	cps
Selenium	78-2	6737	7052	6957	6915	2.34	cps
Selenium	82-1	29729	30262	29700	29897	1.06	cps
Silicon	28-1	1539958	1533384	1560964	1544769	0.93	cps
Silver	109-1	1615347	1615559	1632092	1620999	0.59	cps
Silver	107-1	1700679	1721226	1700352	1707419	0.70	cps
Sodium	23-2	8119464	8203681	8185612	8169586	0.54	cps
Strontium	86-1	427638	426320	431902	428620	0.68	cps
Strontium	88-1	3729899	3731493	3762065	3741152	0.48	cps
Sulfur	34-1	955803	950121	947564	951163	0.44	cps
Terbium	159-1	22191412	21936236	21985171	22037606	0.61	cps
Terbium	159-2	14395795	14429169	14497202	14440722	0.36	cps
Thallium	203-1	1074777	1090694	1105330	1090267	1.40	cps
Thallium	205-1	2582442	2586866	2617820	2595709	0.74	cps
Thorium	232-1	3498350	3482635	3511899	3497628	0.42	cps
Tin	118-1	945268	963117	951775	953387	0.95	cps
Titanium	47-1	891582	900031	891233	894282	0.56	cps
Uranium	238-1	3340617	3408949	3399508	3383025	1.09	cps
Vanadium	51-2	407193	412881	414451	411508	0.93	cps
Yttrium	89-1	18547816	18385834	18419170	18450940	0.46	cps
Yttrium	89-2	3868754	3862502	3823511	3851589	0.64	cps

LB Number :	LB100928	Operator :	Jaswal
Lab Sample ID :	S3	Instrumnet Name :	P7
Client Sample ID :	S3	Dilution Factor :	1
Date & Time Acquired ::	2019-02-20 14:21:18	DataFile Name :	007CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zinc	66-2	208954	209553	206824	208444	0.69	cps
Zirconium	90-1	1863179	1839100	1879610	1860630	1.10	cps
Zirconium	91-1	409116	401952	422737	411269	2.57	cps

LB Number :	LB100928	Operator :	Jaswal
Lab Sample ID :	S4	Instrumnet Name :	P7
Client Sample ID :	S4	Dilution Factor :	1
Date & Time Acquired ::	2019-02-20 14:25:13	DataFile Name :	008CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	955552	966762	957939	960084	0.62	cps
Antimony	121-1	2491010	2513167	2526975	2510384	0.72	cps
Arsenic	75-2	146407	146392	147108	146636	0.28	cps
Barium	135-1	3180431	3201841	3278454	3220242	1.60	cps
Barium	137-1	5514900	5626383	5669892	5603725	1.43	cps
Beryllium	9-1	739898	741860	742507	741422	0.18	cps
Bismuth	209-1	13654096	13912327	13849201	13805208	0.98	cps
Bismuth	209-2	10665111	10597017	10656442	10639523	0.35	cps
Boron	10-1	151326	154745	156528	154200	1.71	cps
Boron	11-1	727669	749393	751324	742796	1.77	cps
Cadmium	111-1	846428	857082	869915	857808	1.37	cps
Cadmium	106-1	110379	112571	110631	111194	1.08	cps
Cadmium	108-1	66330	66996	65368	66231	1.24	cps
Calcium	43-1	938328	948488	943405	943407	0.54	cps
Calcium	44-1	14283839	14458789	14406899	14383176	0.62	cps
Chromium	52-2	1289953	1305691	1288667	1294770	0.73	cps
Cobalt	59-2	2139623	2135947	2130729	2135433	0.21	cps
Copper	63-2	3024992	3021394	3033640	3026675	0.21	cps
Dysprosium	156-1	17	75	67	53	59.77	cps
Dysprosium	156-2	83	83	87	84	2.28	cps
Erbium	164-1	92	67	58	72	24.02	cps
Erbium	164-2	67	67	43	59	22.88	cps
Gadolinium	160-1	300	233	283	272	12.74	cps
Gadolinium	160-2	483	457	417	452	7.42	cps
Holmium	165-1	21322773	21402689	21438184	21387882	0.28	cps
Holmium	165-2	14329420	14574494	14496606	14466840	0.87	cps
Indium	115-1	17402139	17636940	17603154	17547411	0.72	cps
Indium	115-2	5047231	5041044	5034639	5040972	0.12	cps
Iron	56-2	57136237	58589619	57909146	57878334	1.26	cps
Iron	57-2	1442958	1440004	1429400	1437454	0.50	cps
Krypton	83-1	1717	1623	1757	1699	4.03	cps
Lead	206-1	2119913	2174254	2175465	2156544	1.47	cps
Lead	207-1	1904747	1948680	1952637	1935354	1.37	cps
Lead	208-1	8608164	8830319	8797926	8745470	1.37	cps
Lithium	6-1	4487964	4498980	4456373	4481106	0.49	cps
Magnesium	24-2	10796084	10690708	10636005	10707599	0.76	cps

LB Number :	LB100928	Operator :	Jaswal
Lab Sample ID :	S4	Instrumnet Name :	P7
Client Sample ID :	S4	Dilution Factor :	1
Date & Time Acquired ::	2019-02-20 14:25:13	DataFile Name :	008CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	1649709	1676102	1657463	1661091	0.82	cps
Molybdenum	94-1	5848881	5818028	5873977	5846962	0.48	cps
Molybdenum	95-1	7480327	7475281	7489869	7481826	0.10	cps
Molybdenum	96-1	8284960	8226704	8175316	8228993	0.67	cps
Molybdenum	97-1	4669394	4704142	4732530	4702022	0.67	cps
Molybdenum	98-1	11977805	12028487	12043347	12016546	0.29	cps
Neodymium	150-1	333	260	260	284	14.89	cps
Neodymium	150-2	30	43	57	43	30.77	cps
Nickel	60-2	562907	566881	566261	565350	0.38	cps
Phosphorus	31-2	62615	62331	63545	62831	1.01	cps
Potassium	39-2	5291342	5260242	5225499	5259028	0.63	cps
Rhodium	103-1	17215491	17182520	17063140	17153717	0.47	cps
Rhodium	103-2	10457670	10548859	10612352	10539627	0.74	cps
Scandium	45-1	11676283	11829612	11782135	11762676	0.67	cps
Scandium	45-2	787527	776031	783173	782244	0.74	cps
Selenium	77-2	5038	5154	4881	5024	2.73	cps
Selenium	78-2	16205	16930	17049	16728	2.73	cps
Selenium	82-1	70938	72424	72184	71849	1.11	cps
Silicon	28-1	2791288	2858095	2838313	2829232	1.21	cps
Silver	109-1	4003983	4003091	4085863	4030979	1.18	cps
Silver	107-1	4197457	4246366	4243114	4228979	0.65	cps
Sodium	23-2	19985340	20019453	19972734	19992509	0.12	cps
Strontium	86-1	1037385	1057841	1075067	1056764	1.79	cps
Strontium	88-1	9013589	9121196	9200621	9111802	1.03	cps
Sulfur	34-1	1123871	1113047	1104393	1113770	0.88	cps
Terbium	159-1	22052485	22107700	22203997	22121394	0.35	cps
Terbium	159-2	14428595	14458695	14439538	14442276	0.11	cps
Thallium	203-1	2677620	2725227	2748548	2717132	1.33	cps
Thallium	205-1	6389375	6393119	6447600	6410031	0.51	cps
Thorium	232-1	8655710	8710846	8788760	8718439	0.77	cps
Tin	118-1	2352376	2365625	2346911	2354971	0.41	cps
Titanium	47-1	2207058	2182585	2217967	2202537	0.82	cps
Uranium	238-1	8336557	8358293	8363819	8352890	0.17	cps
Vanadium	51-2	1016621	1017041	1019242	1017635	0.14	cps
Yttrium	89-1	18302147	18361730	18349505	18337794	0.17	cps
Yttrium	89-2	3821433	3853758	3844015	3839735	0.43	cps

LB Number :	LB100928	Operator :	Jaswal
Lab Sample ID :	S4	Instrumnet Name :	P7
Client Sample ID :	S4	Dilution Factor :	1
Date & Time Acquired ::	2019-02-20 14:25:13	DataFile Name :	008CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zinc	66-2	491874	496083	498078	495345	0.64	cps
Zirconium	90-1	4578482	4633649	4669021	4627051	0.99	cps
Zirconium	91-1	1033965	1021158	1029027	1028050	0.63	cps

LB Number :	LB100928	Operator :	Jaswal
Lab Sample ID :	S5	Instrumnet Name :	P7
Client Sample ID :	S5	Dilution Factor :	1
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Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	1865202	1920597	1873765	1886521	1.58	cps
Antimony	121-1	5015607	4993209	4970704	4993173	0.45	cps
Arsenic	75-2	291007	290459	290405	290624	0.11	cps
Barium	135-1	6259867	6228548	6125491	6204636	1.13	cps
Barium	137-1	10924646	10953580	10827456	10901894	0.61	cps
Beryllium	9-1	1424466	1440021	1421293	1428593	0.70	cps
Bismuth	209-1	12867952	13057458	13547034	13157481	2.66	cps
Bismuth	209-2	10421740	10522192	10403669	10449201	0.61	cps
Boron	10-1	293046	296973	296960	295660	0.77	cps
Boron	11-1	1413127	1427097	1451015	1430413	1.34	cps
Cadmium	111-1	1674129	1671354	1671194	1672226	0.10	cps
Cadmium	106-1	199412	200572	201600	200528	0.55	cps
Cadmium	108-1	129343	129205	129326	129291	0.06	cps
Calcium	43-1	1827103	1837921	1833315	1832780	0.30	cps
Calcium	44-1	28104386	27880834	27523878	27836366	1.05	cps
Chromium	52-2	2576137	2586516	2527803	2563486	1.22	cps
Cobalt	59-2	4182549	4199690	4208515	4196918	0.31	cps
Copper	63-2	5917375	5862095	5821854	5867108	0.82	cps
Dysprosium	156-1	200	158	183	181	11.62	cps
Dysprosium	156-2	117	143	153	138	13.76	cps
Erbium	164-1	83	100	83	89	10.82	cps
Erbium	164-2	67	33	60	53	33.08	cps
Gadolinium	160-1	217	217	225	219	2.19	cps
Gadolinium	160-2	430	453	453	446	3.02	cps
Holmium	165-1	20326632	20419981	21327142	20691252	2.67	cps
Holmium	165-2	14524161	14600470	14574114	14566248	0.27	cps
Indium	115-1	16412805	16636491	17359373	16802890	2.94	cps
Indium	115-2	4927840	4996170	4999903	4974637	0.82	cps
Iron	56-2	114671614	113846964	112698872	113739150	0.87	cps
Iron	57-2	2855645	2872304	2833534	2853828	0.68	cps
Krypton	83-1	1823	1750	1793	1789	2.06	cps
Lead	206-1	4280396	4322869	4262722	4288662	0.72	cps
Lead	207-1	3821734	3926022	3855237	3867664	1.38	cps
Lead	208-1	17199365	17390369	17137273	17242335	0.77	cps
Lithium	6-1	4178937	4236403	4392955	4269432	2.59	cps
Magnesium	24-2	21145782	21296815	20945191	21129262	0.83	cps

LB Number :	LB100928	Operator :	Jaswal
Lab Sample ID :	S5	Instrumnet Name :	P7
Client Sample ID :	S5	Dilution Factor :	1
Date & Time Acquired ::	2019-02-20 14:29:01	DataFile Name :	009CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	3289591	3314961	3284327	3296293	0.50	cps
Molybdenum	94-1	11741932	11813550	11572210	11709231	1.06	cps
Molybdenum	95-1	14839047	14811959	14681674	14777560	0.57	cps
Molybdenum	96-1	16448601	16221242	16092418	16254087	1.11	cps
Molybdenum	97-1	9157913	9213807	9183698	9185140	0.30	cps
Molybdenum	98-1	23634381	23888107	23618321	23713603	0.64	cps
Neodymium	150-1	613	560	473	549	12.87	cps
Neodymium	150-2	80	93	63	79	19.06	cps
Nickel	60-2	1104967	1104315	1097642	1102308	0.37	cps
Phosphorus	31-2	122762	126442	122921	124041	1.68	cps
Potassium	39-2	10279520	10469095	10259055	10335890	1.12	cps
Rhodium	103-1	16022432	15924496	16724239	16223722	2.69	cps
Rhodium	103-2	10463565	10453862	10408927	10442118	0.28	cps
Scandium	45-1	10936379	10920661	11711230	11189423	4.04	cps
Scandium	45-2	780935	785889	771752	779525	0.92	cps
Selenium	77-2	9964	9820	9763	9849	1.05	cps
Selenium	78-2	32629	33355	32731	32905	1.19	cps
Selenium	82-1	139142	138506	138179	138609	0.35	cps
Silicon	28-1	4000563	4027325	3999847	4009245	0.39	cps
Silver	109-1	7704768	7711018	7656328	7690705	0.39	cps
Silver	107-1	7986240	8092732	8085275	8054749	0.74	cps
Sodium	23-2	39871232	39924668	39175205	39657035	1.05	cps
Strontium	86-1	2072826	2093827	2067585	2078079	0.67	cps
Strontium	88-1	18098415	18154838	17951243	18068165	0.58	cps
Sulfur	34-1	1412333	1389138	1386200	1395890	1.03	cps
Terbium	159-1	20994488	21051724	22176030	21407414	3.11	cps
Terbium	159-2	14677658	14731974	14488381	14632671	0.87	cps
Thallium	203-1	5424915	5381422	5437097	5414478	0.54	cps
Thallium	205-1	12677475	12703104	12549735	12643438	0.65	cps
Thorium	232-1	17442681	17613149	17155050	17403627	1.33	cps
Tin	118-1	4604758	4662648	4616167	4627858	0.66	cps
Titanium	47-1	4309694	4288951	4327703	4308782	0.45	cps
Uranium	238-1	16674646	17095826	16668768	16813080	1.46	cps
Vanadium	51-2	2033717	2044605	2007663	2028661	0.94	cps
Yttrium	89-1	17239209	17473053	18095376	17602546	2.51	cps
Yttrium	89-2	3830522	3844502	3849090	3841371	0.25	cps

LB Number :	LB100928	Operator :	Jaswal
Lab Sample ID :	S5	Instrumnet Name :	P7
Client Sample ID :	S5	Dilution Factor :	1
Date & Time Acquired ::	2019-02-20 14:29:01	DataFile Name :	009CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zinc	66-2	956553	965027	947954	956511	0.89	cps
Zirconium	90-1	9125131	9192328	8853108	9056856	1.98	cps
Zirconium	91-1	2026315	2048627	1992973	2022638	1.38	cps

LB Number : LB100928 Operator : Jaswal
 Lab Sample ID : S6 Instrumnet Name : P7
 Client Sample ID : S6 Dilution Factor : 1
 Date & Time Acquired :: 2019-02-20 14:32:46 DataFile Name : 010CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	3719276	3723215	3702175	3714888	0.30	cps
Antimony	121-1	9877821	9745984	9886268	9836691	0.80	cps
Arsenic	75-2	560707	562216	560412	561112	0.17	cps
Barium	135-1	12568619	12486969	12396627	12484071	0.69	cps
Barium	137-1	21951253	21928728	22020783	21966921	0.22	cps
Beryllium	9-1	2803924	2774118	2810814	2796285	0.70	cps
Bismuth	209-1	13309171	13366070	13328715	13334652	0.22	cps
Bismuth	209-2	10000699	10018852	10096822	10038791	0.51	cps
Boron	10-1	583769	582635	598186	588196	1.47	cps
Boron	11-1	2844102	2853070	2903327	2866833	1.11	cps
Cadmium	111-1	3197179	3224943	3194601	3205574	0.52	cps
Cadmium	106-1	371902	374486	375358	373915	0.48	cps
Cadmium	108-1	247208	250054	253487	250250	1.26	cps
Calcium	43-1	3663864	3641090	3658952	3654635	0.33	cps
Calcium	44-1	55300543	55692428	54892955	55295309	0.72	cps
Chromium	52-2	4996420	5044688	5053078	5031396	0.61	cps
Cobalt	59-2	8167367	8148390	8090310	8135356	0.49	cps
Copper	63-2	11326441	11355908	11379234	11353861	0.23	cps
Dysprosium	156-1	317	283	192	264	24.53	cps
Dysprosium	156-2	293	240	310	281	13.01	cps
Erbium	164-1	58	50	108	72	43.68	cps
Erbium	164-2	50	63	77	63	21.06	cps
Gadolinium	160-1	333	350	267	317	13.93	cps
Gadolinium	160-2	417	507	430	451	10.77	cps
Holmium	165-1	21275762	21470425	21369024	21371737	0.46	cps
Holmium	165-2	14296216	14400900	14429254	14375457	0.49	cps
Indium	115-1	17022380	17094007	17102650	17073012	0.26	cps
Indium	115-2	4753182	4795211	4891635	4813343	1.47	cps
Iron	56-2	223145161	225117661	224092149	224118324	0.44	cps
Iron	57-2	5611462	5576469	5602668	5596866	0.33	cps
Krypton	83-1	1573	1760	1773	1702	6.57	cps
Lead	206-1	8453182	8378365	8414827	8415458	0.44	cps
Lead	207-1	7546606	7651361	7636618	7611528	0.74	cps
Lead	208-1	34016845	33911675	33930217	33952912	0.17	cps
Lithium	6-1	4365443	4397421	4337679	4366848	0.68	cps
Magnesium	24-2	41143843	41607983	41895200	41549009	0.91	cps

LB Number :	LB100928	Operator :	Jaswal
Lab Sample ID :	S6	Instrumnet Name :	P7
Client Sample ID :	S6	Dilution Factor :	1
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Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	6506729	6465011	6465023	6478921	0.37	cps
Molybdenum	94-1	23486822	23515188	23499314	23500442	0.06	cps
Molybdenum	95-1	29738238	29834709	29630107	29734351	0.34	cps
Molybdenum	96-1	32634532	32711994	32669076	32671867	0.12	cps
Molybdenum	97-1	18421210	18333737	18285885	18346944	0.37	cps
Molybdenum	98-1	47854253	47340454	47746259	47646989	0.57	cps
Neodymium	150-1	1067	880	1007	985	9.68	cps
Neodymium	150-2	143	187	113	148	24.95	cps
Nickel	60-2	2109518	2110995	2107706	2109406	0.08	cps
Phosphorus	31-2	239355	241361	239541	240085	0.46	cps
Potassium	39-2	20517586	20551023	20740055	20602888	0.58	cps
Rhodium	103-1	16572854	16425170	16449093	16482372	0.48	cps
Rhodium	103-2	9911998	10062699	10130235	10034977	1.11	cps
Scandium	45-1	11603979	11759074	11692175	11685076	0.67	cps
Scandium	45-2	765677	779515	778765	774652	1.00	cps
Selenium	77-2	18539	18852	18505	18632	1.03	cps
Selenium	78-2	62476	63473	62634	62861	0.85	cps
Selenium	82-1	263158	266463	267500	265707	0.85	cps
Silicon	28-1	7356091	7261567	7254417	7290692	0.78	cps
Silver	109-1	15141323	14857115	15173265	15057235	1.16	cps
Silver	107-1	15720220	15639587	15870937	15743581	0.75	cps
Sodium	23-2	77544787	77659183	78634296	77946089	0.77	cps
Strontium	86-1	4105597	4147833	4155938	4136456	0.65	cps
Strontium	88-1	36165565	36250138	36240746	36218816	0.13	cps
Sulfur	34-1	2104975	2096580	2081803	2094453	0.56	cps
Terbium	159-1	21905707	21939656	22122662	21989342	0.53	cps
Terbium	159-2	14103146	14356851	14327489	14262495	0.97	cps
Thallium	203-1	10533073	10398392	10465716	10465727	0.64	cps
Thallium	205-1	25008973	24883889	25293585	25062149	0.84	cps
Thorium	232-1	34787101	35239174	34986320	35004198	0.65	cps
Tin	118-1	9136422	9090134	9296204	9174253	1.18	cps
Titanium	47-1	8636143	8604466	8488864	8576491	0.90	cps
Uranium	238-1	33560227	33697478	33677552	33645085	0.22	cps
Vanadium	51-2	3952306	4020150	4012363	3994940	0.93	cps
Yttrium	89-1	17961181	18345767	18275598	18194182	1.13	cps
Yttrium	89-2	3744138	3781866	3808867	3778290	0.86	cps

LB Number :	LB100928	Operator :	Jaswal
Lab Sample ID :	S6	Instrumnet Name :	P7
Client Sample ID :	S6	Dilution Factor :	1
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Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zinc	66-2	1804762	1825705	1837275	1822581	0.90	cps
Zirconium	90-1	18092676	18138047	18258777	18163167	0.47	cps
Zirconium	91-1	4014470	4059388	4102537	4058798	1.08	cps

LB Number : LB100928 Operator : Jaswal
 Lab Sample ID : S7 Instrumnet Name : P7
 Client Sample ID : S7 Dilution Factor : 1
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Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	7322179	7322985	7495298	7380154	1.35	cps
Antimony	121-1	18879394	19153034	19074826	19035751	0.74	cps
Arsenic	75-2	1056391	1073962	1080636	1070330	1.17	cps
Barium	135-1	24638292	24731202	24652687	24674060	0.20	cps
Barium	137-1	42900200	42960227	42841361	42900596	0.14	cps
Beryllium	9-1	5305913	5377736	5370944	5351531	0.74	cps
Bismuth	209-1	12777524	13006611	12879365	12887833	0.89	cps
Bismuth	209-2	9552869	9600110	9540676	9564552	0.33	cps
Boron	10-1	1139517	1159056	1178714	1159096	1.69	cps
Boron	11-1	5513520	5637847	5714502	5621956	1.80	cps
Cadmium	111-1	6133522	6153193	6159046	6148587	0.22	cps
Cadmium	106-1	706640	700876	706337	704617	0.46	cps
Cadmium	108-1	469014	481062	480377	476818	1.42	cps
Calcium	43-1	7110868	7172903	7226390	7170054	0.81	cps
Calcium	44-1	109640536	110186302	109428452	109751764	0.36	cps
Chromium	52-2	9751617	9907967	9993897	9884493	1.24	cps
Cobalt	59-2	15547445	15821436	15888992	15752624	1.15	cps
Copper	63-2	21569180	21715907	21338698	21541262	0.88	cps
Dysprosium	156-1	525	442	475	481	8.73	cps
Dysprosium	156-2	503	523	563	530	5.76	cps
Erbium	164-1	100	125	117	114	11.18	cps
Erbium	164-2	73	53	47	58	24.02	cps
Gadolinium	160-1	250	283	342	292	15.91	cps
Gadolinium	160-2	447	463	467	459	2.34	cps
Holmium	165-1	21156927	21322030	21453903	21310953	0.70	cps
Holmium	165-2	13913284	14217409	14196926	14109206	1.20	cps
Indium	115-1	16506472	16522609	16574496	16534526	0.21	cps
Indium	115-2	4526388	4546247	4642633	4571756	1.36	cps
Iron	56-2	430974110	435894076	439455488	435441225	0.98	cps
Iron	57-2	10776254	10801695	11073623	10883858	1.51	cps
Krypton	83-1	1687	1703	1757	1716	2.13	cps
Lead	206-1	16314483	16404554	16656471	16458503	1.08	cps
Lead	207-1	14764990	14867096	14794012	14808699	0.36	cps
Lead	208-1	66262597	66918528	66552511	66577879	0.49	cps
Lithium	6-1	4349537	4313953	4350895	4338129	0.48	cps
Magnesium	24-2	81174627	82249277	81684854	81702919	0.66	cps

LB Number :	LB100928	Operator :	Jaswal
Lab Sample ID :	S7	Instrumnet Name :	P7
Client Sample ID :	S7	Dilution Factor :	1
Date & Time Acquired ::	2019-02-20 14:36:33	DataFile Name :	011CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	12516029	12568672	12681681	12588794	0.67	cps
Molybdenum	94-1	46022623	45994458	46327286	46114789	0.40	cps
Molybdenum	95-1	59048666	59191401	59279947	59173338	0.20	cps
Molybdenum	96-1	64620239	64646326	65507904	64924823	0.78	cps
Molybdenum	97-1	36933979	36134637	36590174	36552930	1.10	cps
Molybdenum	98-1	93674090	95026306	94378202	94359533	0.72	cps
Neodymium	150-1	1934	2027	2074	2011	3.54	cps
Neodymium	150-2	277	187	190	218	23.43	cps
Nickel	60-2	3950833	4031894	4064446	4015724	1.46	cps
Phosphorus	31-2	455121	463338	470540	463000	1.67	cps
Potassium	39-2	39933783	40079787	41222503	40412025	1.75	cps
Rhodium	103-1	15928964	15721125	15633609	15761233	0.96	cps
Rhodium	103-2	9567795	9674588	9745824	9662736	0.93	cps
Scandium	45-1	11504020	11493305	11538382	11511903	0.20	cps
Scandium	45-2	754222	763113	771007	762781	1.10	cps
Selenium	77-2	34227	34832	34999	34686	1.17	cps
Selenium	78-2	115234	117219	117467	116640	1.05	cps
Selenium	82-1	501889	503694	511245	505609	0.98	cps
Silicon	28-1	13366629	13429831	13562177	13452879	0.74	cps
Silver	109-1	28815660	28581396	28837437	28744831	0.49	cps
Silver	107-1	29871366	30300716	30221833	30131305	0.76	cps
Sodium	23-2	151573499	153887662	156051291	153837484	1.46	cps
Strontium	86-1	8101410	8080822	8142615	8108282	0.39	cps
Strontium	88-1	71462816	71390816	72580243	71811292	0.93	cps
Sulfur	34-1	3529742	3588969	3535759	3551490	0.92	cps
Terbium	159-1	21736727	21960318	21860918	21852654	0.51	cps
Terbium	159-2	13885006	14053873	14108280	14015720	0.83	cps
Thallium	203-1	20453205	20422333	20952999	20609512	1.45	cps
Thallium	205-1	48759559	48922695	49168252	48950169	0.42	cps
Thorium	232-1	70743614	69250811	70334513	70109646	1.10	cps
Tin	118-1	18179270	18005337	17949136	18044581	0.66	cps
Titanium	47-1	16965916	16891237	17071250	16976134	0.53	cps
Uranium	238-1	67246558	66329735	67643604	67073299	1.00	cps
Vanadium	51-2	7797162	7867111	7902155	7855476	0.68	cps
Yttrium	89-1	17824503	17887758	18117407	17943223	0.86	cps
Yttrium	89-2	3643114	3688549	3721120	3684261	1.06	cps

LB Number :	LB100928	Operator :	Jaswal
Lab Sample ID :	S7	Instrumnet Name :	P7
Client Sample ID :	S7	Dilution Factor :	1
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Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zinc	66-2	3314044	3392932	3368582	3358519	1.20	cps
Zirconium	90-1	35944066	36192947	36474181	36203731	0.73	cps
Zirconium	91-1	8033057	7997953	8075950	8035653	0.49	cps

LB Number :	LB100928	Operator :	Jaswal
Lab Sample ID :	S8	Instrumnet Name :	P7
Client Sample ID :	S8	Dilution Factor :	1
Date & Time Acquired ::	2019-02-20 14:40:23	DataFile Name :	012CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	42232669	43419496	43408904	43020356	1.59	cps
Antimony	121-1	21317	20791	21017	21042	1.25	cps
Arsenic	75-2	1572	1545	1608	1575	2.00	cps
Barium	135-1	4418	4109	3834	4120	7.09	cps
Barium	137-1	7828	7511	6985	7441	5.72	cps
Beryllium	9-1	620	613	600	611	1.67	cps
Bismuth	209-1	10528597	10461681	10357199	10449159	0.83	cps
Bismuth	209-2	8134933	8338331	8206393	8226553	1.25	cps
Boron	10-1	34624	30741	28227	31197	10.33	cps
Boron	11-1	165835	151495	139842	152390	8.54	cps
Cadmium	111-1	11646	11450	11205	11433	1.93	cps
Cadmium	106-1	15384	15317	15000	15234	1.35	cps
Cadmium	108-1	117	175	142	144	20.26	cps
Calcium	43-1	35621345	36063579	36017398	35900774	0.68	cps
Calcium	44-1	543812662	551087429	560219229	551706440	1.49	cps
Chromium	52-2	193297	198349	198244	196630	1.47	cps
Cobalt	59-2	190611	194098	197578	194095	1.79	cps
Copper	63-2	35908	36449	36900	36419	1.36	cps
Dysprosium	156-1	292	233	267	264	11.09	cps
Dysprosium	156-2	137	110	143	130	13.57	cps
Erbium	164-1	158	183	142	161	13.02	cps
Erbium	164-2	60	77	90	76	19.89	cps
Gadolinium	160-1	408	325	233	322	27.17	cps
Gadolinium	160-2	503	483	577	521	9.43	cps
Holmium	165-1	19386156	19615433	19598379	19533323	0.65	cps
Holmium	165-2	13468634	13861321	13678806	13669587	1.44	cps
Indium	115-1	15528559	15703002	15809814	15680459	0.91	cps
Indium	115-2	4679262	4760299	4759955	4733172	0.99	cps
Iron	56-2	2293931607	2300582007	2318725118	2304412911	0.56	cps
Iron	57-2	56541186	57575835	58619607	57578876	1.80	cps
Krypton	83-1	1810	1670	1914	1798	6.79	cps
Lead	206-1	23226	23076	23655	23319	1.29	cps
Lead	207-1	19315	19710	19292	19439	1.21	cps
Lead	208-1	91459	90232	89501	90398	1.09	cps
Lithium	6-1	3883923	3914920	3903016	3900620	0.40	cps
Magnesium	24-2	443122810	448826810	453025560	448325060	1.11	cps

LB Number :	LB100928	Operator :	Jaswal
Lab Sample ID :	S8	Instrumnet Name :	P7
Client Sample ID :	S8	Dilution Factor :	1
Date & Time Acquired ::	2019-02-20 14:40:23	DataFile Name :	012CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	67142	68753	69353	68416	1.67	cps
Molybdenum	94-1	32271	31745	31319	31778	1.50	cps
Molybdenum	95-1	48007	46276	46644	46976	1.94	cps
Molybdenum	96-1	67118	67829	65016	66654	2.19	cps
Molybdenum	97-1	29599	26743	28354	28232	5.07	cps
Molybdenum	98-1	74888	70224	70584	71899	3.61	cps
Neodymium	150-1	460	400	467	442	8.30	cps
Neodymium	150-2	190	230	200	207	10.07	cps
Nickel	60-2	81478	83235	83382	82698	1.28	cps
Phosphorus	31-2	992	917	908	939	4.89	cps
Potassium	39-2	240594297	244284064	246099297	243659219	1.15	cps
Rhodium	103-1	13927325	14393972	14289176	14203491	1.72	cps
Rhodium	103-2	8870101	9037556	9044026	8983894	1.10	cps
Scandium	45-1	11251021	11381767	11688533	11440440	1.96	cps
Scandium	45-2	834717	855216	854114	848016	1.36	cps
Selenium	77-2	13	20	13	16	24.76	cps
Selenium	78-2	333	309	309	317	4.38	cps
Selenium	82-1	480	782	506	590	28.35	cps
Silicon	28-1	1326519	1368498	1376314	1357110	1.97	cps
Silver	109-1	2442	2409	2309	2386	2.91	cps
Silver	107-1	2850	2734	2417	2667	8.41	cps
Sodium	23-2	854420352	887571953	898956320	880316209	2.63	cps
Strontium	86-1	32947	33448	33799	33398	1.28	cps
Strontium	88-1	269388	269638	267096	268708	0.52	cps
Sulfur	34-1	732952	755862	780042	756285	3.11	cps
Terbium	159-1	20070258	20341906	20087198	20166454	0.75	cps
Terbium	159-2	13600715	13712629	13591886	13635077	0.49	cps
Thallium	203-1	5009	4293	4376	4559	8.60	cps
Thallium	205-1	11697	10855	10571	11041	5.30	cps
Thorium	232-1	12495	11706	10693	11631	7.76	cps
Tin	118-1	14850	14925	14692	14822	0.80	cps
Titanium	47-1	6502	6502	6727	6577	1.98	cps
Uranium	238-1	7878	7127	6444	7150	10.03	cps
Vanadium	51-2	2184	2247	2160	2197	2.04	cps
Yttrium	89-1	17274214	17488051	17481834	17414700	0.70	cps
Yttrium	89-2	3862215	3925294	3914283	3900597	0.86	cps

LB Number :	LB100928	Operator :	Jaswal
Lab Sample ID :	S8	Instrumnet Name :	P7
Client Sample ID :	S8	Dilution Factor :	1
Date & Time Acquired ::	2019-02-20 14:40:23	DataFile Name :	012CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zinc	66-2	29857	30465	30960	30428	1.81	cps
Zirconium	90-1	13507	13590	13649	13582	0.52	cps
Zirconium	91-1	2867	2925	3117	2970	4.41	cps

LB Number :	LB100928	Operator :	Jaswal
Lab Sample ID :	ICV01	Instrumnet Name :	P7
Client Sample ID :	ICV01	Dilution Factor :	1
Date & Time Acquired ::	2019-02-20 14:46:48	DataFile Name :	013ICV01.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	207449	205343	203892	205561	0.87	cps
Antimony	121-1	3862191	3930102	3894309	3895534	0.87	cps
Arsenic	75-2	245806	245156	245700	245554	0.14	cps
Barium	135-1	495698	497906	502789	498797	0.73	cps
Barium	137-1	863925	878193	876024	872714	0.88	cps
Beryllium	9-1	550870	548532	551670	550357	0.30	cps
Bismuth	209-1	14126236	13999756	13968888	14031626	0.59	cps
Bismuth	209-2	11062398	10959697	10972879	10998325	0.51	cps
Boron	10-1	11130	10688	10579	10799	2.70	cps
Boron	11-1	55118	52049	51598	52922	3.62	cps
Cadmium	111-1	676423	679528	679532	678494	0.26	cps
Cadmium	106-1	75476	76323	76231	76010	0.61	cps
Cadmium	108-1	59064	57529	58487	58360	1.33	cps
Calcium	43-1	152296	152540	152212	152349	0.11	cps
Calcium	44-1	2638583	2653134	2667619	2653112	0.55	cps
Chromium	52-2	1050328	1056727	1044330	1050461	0.59	cps
Cobalt	59-2	1748056	1754289	1742186	1748177	0.35	cps
Copper	63-2	1254112	1251920	1240331	1248788	0.59	cps
Dysprosium	156-1	8	8	67	28	121.26	cps
Dysprosium	156-2	20	23	20	21	9.11	cps
Erbium	164-1	150	233	158	181	25.42	cps
Erbium	164-2	103	107	153	121	23.08	cps
Gadolinium	160-1	208	250	250	236	10.19	cps
Gadolinium	160-2	403	430	520	451	13.55	cps
Holmium	165-1	21703910	21584548	21711295	21666585	0.33	cps
Holmium	165-2	15078539	15072854	14842841	14998078	0.90	cps
Indium	115-1	18839016	18557764	18732311	18709697	0.76	cps
Indium	115-2	5376794	5418457	5346260	5380504	0.67	cps
Iron	56-2	9668801	9646329	9557032	9624054	0.61	cps
Iron	57-2	238918	238648	238281	238616	0.13	cps
Krypton	83-1	1847	2084	1770	1900	8.60	cps
Lead	206-1	3674092	3736544	3751591	3720742	1.10	cps
Lead	207-1	3222505	3259356	3232994	3238285	0.59	cps
Lead	208-1	14791210	14889499	14793294	14824667	0.38	cps
Lithium	6-1	4456013	4434325	4456940	4449093	0.29	cps
Magnesium	24-2	1070875	1063860	1054008	1062915	0.80	cps

LB Number :	LB100928	Operator :	Jaswal
Lab Sample ID :	ICV01	Instrumnet Name :	P7
Client Sample ID :	ICV01	Dilution Factor :	1
Date & Time Acquired ::	2019-02-20 14:46:48	DataFile Name :	013ICV01.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	671593	668555	669423	669857	0.23	cps
Molybdenum	94-1	17013033	17250456	17122948	17128812	0.69	cps
Molybdenum	95-1	30617230	29842228	30514063	30324507	1.39	cps
Molybdenum	96-1	32125791	31924367	32157341	32069167	0.39	cps
Molybdenum	97-1	18810321	18510498	18726283	18682367	0.83	cps
Molybdenum	98-1	48437133	48688200	48126344	48417226	0.58	cps
Neodymium	150-1	53	67	27	49	41.66	cps
Neodymium	150-2	7	17	17	13	43.29	cps
Nickel	60-2	465917	468377	467297	467197	0.26	cps
Phosphorus	31-2	700	692	700	697	0.69	cps
Potassium	39-2	1862595	1831887	1842968	1845817	0.84	cps
Rhodium	103-1	18585503	18301962	18417037	18434834	0.77	cps
Rhodium	103-2	11367384	11337717	11217498	11307533	0.70	cps
Scandium	45-1	12720427	12667180	12780343	12722650	0.44	cps
Scandium	45-2	869937	854318	853105	859120	1.09	cps
Selenium	77-2	8656	8703	8032	8464	4.42	cps
Selenium	78-2	28806	28216	27994	28339	1.48	cps
Selenium	82-1	114821	116140	116770	115910	0.86	cps
Silicon	28-1	837860	855909	869209	854326	1.84	cps
Silver	109-1	3180753	3170048	3189818	3180206	0.31	cps
Silver	107-1	3354493	3315183	3331119	3333598	0.59	cps
Sodium	23-2	3453375	3414402	3418103	3428627	0.63	cps
Strontium	86-1	20073	20098	20140	20104	0.17	cps
Strontium	88-1	150263	151198	152362	151274	0.70	cps
Sulfur	34-1	778752	761752	738097	759534	2.69	cps
Terbium	159-1	22518204	22189916	22381349	22363156	0.74	cps
Terbium	159-2	15146177	14870702	14958193	14991691	0.94	cps
Thallium	203-1	4348453	4347721	4424767	4373647	1.01	cps
Thallium	205-1	10460725	10260487	10470205	10397139	1.14	cps
Thorium	232-1	9793	9965	9181	9646	4.27	cps
Tin	118-1	15577	15950	14859	15462	3.59	cps
Titanium	47-1	8621430	8608975	8679093	8636499	0.43	cps
Uranium	238-1	2042	2125	2067	2078	2.06	cps
Vanadium	51-2	823811	828725	828263	826933	0.33	cps
Yttrium	89-1	19551370	19549793	19517700	19539621	0.10	cps
Yttrium	89-2	4146531	4149245	4078265	4124680	0.98	cps

LB Number :	LB100928	Operator :	Jaswal
Lab Sample ID :	ICV01	Instrumnet Name :	P7
Client Sample ID :	ICV01	Dilution Factor :	1
Date & Time Acquired ::	2019-02-20 14:46:48	DataFile Name :	013ICV01.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zinc	66-2	416296	411626	411588	413170	0.66	cps
Zirconium	90-1	9178	7477	6293	7650	18.96	cps
Zirconium	91-1	2909	2725	2392	2675	9.79	cps

LB Number : LB100928 Operator : Jaswal
 Lab Sample ID : ICB01 Instrumnet Name : P7
 Client Sample ID : ICB01 Dilution Factor : 1
 Date & Time Acquired :: 2019-02-20 14:52:11 DataFile Name : 014CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	200	117	225	181	31.42	cps
Antimony	121-1	1325	1508	1458	1431	6.62	cps
Arsenic	75-2	39	41	22	34	30.05	cps
Barium	135-1	42	50	50	47	10.18	cps
Barium	137-1	108	92	83	94	13.48	cps
Beryllium	9-1	207	240	210	219	8.39	cps
Bismuth	209-1	14132919	14108132	14190147	14143733	0.30	cps
Bismuth	209-2	11107151	11300465	11122324	11176647	0.96	cps
Boron	10-1	7736	7385	6693	7271	7.29	cps
Boron	11-1	34875	34157	33622	34218	1.84	cps
Cadmium	111-1	11566	11769	11499	11611	1.21	cps
Cadmium	106-1	16318	16652	16260	16410	1.29	cps
Cadmium	108-1	33	96	42	57	59.60	cps
Calcium	43-1	1058	1000	958	1006	5.00	cps
Calcium	44-1	199062	202836	199482	200460	1.03	cps
Chromium	52-2	4848	4808	4824	4826	0.42	cps
Cobalt	59-2	163	160	130	151	12.15	cps
Copper	63-2	2894	2697	2737	2776	3.75	cps
Dysprosium	156-1	0	0	25	8	173.21	cps
Dysprosium	156-2	10	17	13	13	25.01	cps
Erbium	164-1	83	58	50	64	27.15	cps
Erbium	164-2	47	53	50	50	6.66	cps
Gadolinium	160-1	217	292	217	242	17.92	cps
Gadolinium	160-2	390	427	423	413	4.91	cps
Holmium	165-1	21774892	22081700	21511123	21789239	1.31	cps
Holmium	165-2	14870435	14925521	15127960	14974639	0.91	cps
Indium	115-1	18459024	18468430	18716193	18547882	0.79	cps
Indium	115-2	5266017	5369297	5434332	5356548	1.58	cps
Iron	56-2	23202	23152	22039	22798	2.88	cps
Iron	57-2	578	667	589	611	7.93	cps
Krypton	83-1	1800	1750	1857	1802	2.96	cps
Lead	206-1	1245	1183	1111	1180	5.66	cps
Lead	207-1	1028	1033	1183	1082	8.16	cps
Lead	208-1	4895	4812	5095	4934	2.95	cps
Lithium	6-1	4492059	4486107	4431624	4469930	0.75	cps
Magnesium	24-2	1150	983	992	1042	9.02	cps

LB Number :	LB100928	Operator :	Jaswal
Lab Sample ID :	ICB01	Instrumnet Name :	P7
Client Sample ID :	ICB01	Dilution Factor :	1
Date & Time Acquired ::	2019-02-20 14:52:11	DataFile Name :	014CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	143	137	187	156	17.45	cps
Molybdenum	94-1	1967	2000	2084	2017	2.98	cps
Molybdenum	95-1	2975	2467	2284	2575	13.92	cps
Molybdenum	96-1	3367	2884	2759	3003	10.70	cps
Molybdenum	97-1	1909	1859	1333	1700	18.74	cps
Molybdenum	98-1	4818	4109	3642	4190	14.13	cps
Neodymium	150-1	7	0	7	4	86.60	cps
Neodymium	150-2	3	3	3	3	0.00	cps
Nickel	60-2	243	260	260	254	3.78	cps
Phosphorus	31-2	600	550	733	628	15.10	cps
Potassium	39-2	75610	75844	74505	75320	0.95	cps
Rhodium	103-1	18329355	18093084	18301301	18241247	0.71	cps
Rhodium	103-2	11343304	11339421	11442629	11375118	0.51	cps
Scandium	45-1	12480121	12388366	12498481	12455656	0.47	cps
Scandium	45-2	847204	851106	851800	850037	0.29	cps
Selenium	77-2	3	10	3	6	69.34	cps
Selenium	78-2	254	281	250	262	6.58	cps
Selenium	82-1	474	460	353	429	15.40	cps
Silicon	28-1	664766	661618	662912	663099	0.24	cps
Silver	109-1	367	408	383	386	5.43	cps
Silver	107-1	567	592	475	544	11.28	cps
Sodium	23-2	87421	88134	87069	87541	0.62	cps
Strontium	86-1	3142	2992	3301	3145	4.90	cps
Strontium	88-1	217	217	267	233	12.37	cps
Sulfur	34-1	738706	750921	751574	747067	0.97	cps
Terbium	159-1	22423496	22396263	22555911	22458557	0.38	cps
Terbium	159-2	14914389	14771709	14974026	14886708	0.70	cps
Thallium	203-1	1817	1542	1700	1686	8.19	cps
Thallium	205-1	4226	4334	3909	4156	5.32	cps
Thorium	232-1	1545	1522	1517	1528	0.96	cps
Tin	118-1	1642	1817	1775	1745	5.24	cps
Titanium	47-1	1825	1575	1992	1797	11.67	cps
Uranium	238-1	75	108	83	89	19.52	cps
Vanadium	51-2	23	53	73	50	50.34	cps
Yttrium	89-1	19220006	19186320	19174800	19193709	0.12	cps
Yttrium	89-2	4053229	4107766	4105702	4088899	0.76	cps

LB Number :	LB100928	Operator :	Jaswal
Lab Sample ID :	ICB01	Instrumnet Name :	P7
Client Sample ID :	ICB01	Dilution Factor :	1
Date & Time Acquired ::	2019-02-20 14:52:11	DataFile Name :	014CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zinc	66-2	2654	2807	2444	2635	6.92	cps
Zirconium	90-1	1817	1717	1692	1742	3.80	cps
Zirconium	91-1	325	333	275	311	10.14	cps

LB Number :	LB100928	Operator :	Jaswal
Lab Sample ID :	ICSA01	Instrumnet Name :	P7
Client Sample ID :	ICSA01	Dilution Factor :	1
Date & Time Acquired ::	2019-02-20 14:55:48	DataFile Name :	015ICSA01.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	35404577	35578671	34813048	35265432	1.14	cps
Antimony	121-1	20833	21225	20349	20802	2.11	cps
Arsenic	75-2	374	372	433	393	8.84	cps
Barium	135-1	6910	7286	7769	7322	5.88	cps
Barium	137-1	11989	13257	12681	12642	5.02	cps
Beryllium	9-1	1567	1603	1563	1578	1.41	cps
Bismuth	209-1	12620710	12625682	12656331	12634241	0.15	cps
Bismuth	209-2	9792023	9879787	9836398	9836069	0.45	cps
Boron	10-1	6443	6552	6285	6427	2.09	cps
Boron	11-1	32002	31075	30715	31264	2.12	cps
Cadmium	111-1	15197	15611	16196	15668	3.20	cps
Cadmium	106-1	14959	15509	16377	15615	4.58	cps
Cadmium	108-1	9153	8774	8740	8889	2.58	cps
Calcium	43-1	7057386	7119993	7227968	7135116	1.21	cps
Calcium	44-1	107685615	108805744	110861911	109117757	1.48	cps
Chromium	52-2	211533	213380	211429	212114	0.52	cps
Cobalt	59-2	19497	19850	19473	19607	1.08	cps
Copper	63-2	87761	89784	89066	88870	1.15	cps
Dysprosium	156-1	133	50	83	89	47.19	cps
Dysprosium	156-2	77	47	60	61	24.60	cps
Erbium	164-1	200	158	192	183	12.03	cps
Erbium	164-2	80	120	67	89	31.22	cps
Gadolinium	160-1	375	417	275	356	20.48	cps
Gadolinium	160-2	497	477	487	487	2.05	cps
Holmium	165-1	21747216	21332044	21656129	21578463	1.01	cps
Holmium	165-2	14726638	14760251	14850455	14779115	0.43	cps
Indium	115-1	17443006	17639501	17801274	17627927	1.02	cps
Indium	115-2	4926875	5031913	5023087	4993958	1.17	cps
Iron	56-2	891719420	891986109	886940598	890215375	0.32	cps
Iron	57-2	22039685	21985599	21876033	21967106	0.38	cps
Krypton	83-1	1853	1883	1837	1858	1.27	cps
Lead	206-1	77364	78358	78576	78099	0.83	cps
Lead	207-1	60873	60890	60973	60912	0.09	cps
Lead	208-1	290382	290227	291863	290824	0.31	cps
Lithium	6-1	4381289	4448360	4510075	4446575	1.45	cps
Magnesium	24-2	83492364	85077298	82963531	83844398	1.31	cps

LB Number : LB100928 Operator : Jaswal
 Lab Sample ID : ICSA01 Instrumnet Name : P7
 Client Sample ID : ICSA01 Dilution Factor : 1
 Date & Time Acquired :: 2019-02-20 14:55:48 DataFile Name : 015ICSA01.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	51115	51858	50517	51163	1.31	cps
Molybdenum	94-1	12219307	12258890	12346178	12274792	0.53	cps
Molybdenum	95-1	21387979	21602922	21833981	21608294	1.03	cps
Molybdenum	96-1	22600129	23037628	23209098	22948952	1.37	cps
Molybdenum	97-1	13250560	13476018	13635184	13453921	1.44	cps
Molybdenum	98-1	34477620	34753922	35126584	34786042	0.94	cps
Neodymium	150-1	73	67	80	73	9.09	cps
Neodymium	150-2	33	50	53	46	23.52	cps
Nickel	60-2	22711	22748	22354	22604	0.96	cps
Phosphorus	31-2	2408558	2410154	2375640	2398117	0.81	cps
Potassium	39-2	84976219	85784239	84264325	85008261	0.89	cps
Rhodium	103-1	16649587	16589203	16764512	16667767	0.53	cps
Rhodium	103-2	10145683	10341339	10393269	10293430	1.27	cps
Scandium	45-1	12275912	12347666	12456411	12359996	0.74	cps
Scandium	45-2	829352	849621	835765	838246	1.24	cps
Selenium	77-2	10	3	10	8	49.52	cps
Selenium	78-2	233	269	261	254	7.29	cps
Selenium	82-1	329	481	408	406	18.66	cps
Silicon	28-1	1164012	1172525	1185119	1173885	0.90	cps
Silver	109-1	1000	1083	1367	1150	16.72	cps
Silver	107-1	1100	1292	1225	1206	8.07	cps
Sodium	23-2	161050208	161842645	161948479	161613777	0.30	cps
Strontium	86-1	239739	248054	241803	243199	1.78	cps
Strontium	88-1	2098435	2075343	2132279	2102019	1.36	cps
Sulfur	34-1	11685860	11674626	11763270	11707919	0.41	cps
Terbium	159-1	22069035	22184735	22414427	22222732	0.79	cps
Terbium	159-2	14540681	14869091	14619947	14676573	1.17	cps
Thallium	203-1	3509	3776	4051	3778	7.17	cps
Thallium	205-1	7561	8253	9245	8353	10.14	cps
Thorium	232-1	4084	4145	3912	4047	2.99	cps
Tin	118-1	3726	3801	4059	3862	4.53	cps
Titanium	47-1	6868396	6962637	6874763	6901932	0.76	cps
Uranium	238-1	1258	1100	1092	1150	8.17	cps
Vanadium	51-2	1407	1443	1360	1403	2.98	cps
Yttrium	89-1	18963341	19048716	19113776	19041944	0.40	cps
Yttrium	89-2	3908922	4023455	3948667	3960348	1.47	cps

LB Number :	LB100928	Operator :	Jaswal
Lab Sample ID :	ICSA01	Instrumnet Name :	P7
Client Sample ID :	ICSA01	Dilution Factor :	1
Date & Time Acquired ::	2019-02-20 14:55:48	DataFile Name :	015ICSA01.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zinc	66-2	20685	20955	20718	20786	0.71	cps
Zirconium	90-1	2409	2559	2384	2450	3.86	cps
Zirconium	91-1	667	617	483	589	16.09	cps

LB Number : LB100928 Operator : Jaswal
 Lab Sample ID : ICSAB01 Instrumnet Name : P7
 Client Sample ID : ICSAB01 Dilution Factor : 1
 Date & Time Acquired :: 2019-02-20 14:59:29 DataFile Name : 016ICSB.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	35694341	35694726	35799802	35729623	0.17	cps
Antimony	121-1	395791	402339	407011	401714	1.40	cps
Arsenic	75-2	21896	22425	22699	22340	1.83	cps
Barium	135-1	109086	108143	109932	109054	0.82	cps
Barium	137-1	186594	191222	191274	189697	1.42	cps
Beryllium	9-1	113033	113849	114689	113857	0.73	cps
Bismuth	209-1	13081621	13080319	13061594	13074511	0.09	cps
Bismuth	209-2	9830648	9937537	9852347	9873511	0.57	cps
Boron	10-1	82735	83833	85995	84187	1.97	cps
Boron	11-1	402779	409137	413191	408369	1.29	cps
Cadmium	111-1	140956	140535	144446	141979	1.51	cps
Cadmium	106-1	37208	36323	37559	37030	1.72	cps
Cadmium	108-1	20791	20774	21212	20926	1.19	cps
Calcium	43-1	7405230	7476495	7581246	7487657	1.18	cps
Calcium	44-1	112881848	114746861	115289403	114306037	1.10	cps
Chromium	52-2	418226	419104	417047	418125	0.25	cps
Cobalt	59-2	350316	347317	348437	348690	0.43	cps
Copper	63-2	315078	314972	317438	315829	0.44	cps
Dysprosium	156-1	92	58	108	86	29.56	cps
Dysprosium	156-2	57	97	67	73	28.39	cps
Erbium	164-1	117	175	92	128	33.47	cps
Erbium	164-2	100	113	93	102	9.96	cps
Gadolinium	160-1	375	308	258	314	18.65	cps
Gadolinium	160-2	453	493	517	488	6.57	cps
Holmium	165-1	21899194	21903378	22520541	22107704	1.62	cps
Holmium	165-2	14772999	14907891	14851414	14844102	0.46	cps
Indium	115-1	18029896	17924351	18197196	18050481	0.76	cps
Indium	115-2	4983702	5041734	5011850	5012428	0.58	cps
Iron	56-2	899585820	909836287	899682487	903034865	0.65	cps
Iron	57-2	22378806	22278378	22792725	22483303	1.21	cps
Krypton	83-1	1914	1887	1890	1897	0.77	cps
Lead	206-1	401723	403510	402899	402710	0.23	cps
Lead	207-1	332752	337317	337232	335767	0.78	cps
Lead	208-1	1552743	1570062	1565343	1562716	0.57	cps
Lithium	6-1	4769023	4805675	4868581	4814426	1.05	cps
Magnesium	24-2	85218079	86232856	86689779	86046905	0.88	cps

LB Number :	LB100928	Operator :	Jaswal
Lab Sample ID :	ICSAB01	Instrumnet Name :	P7
Client Sample ID :	ICSAB01	Dilution Factor :	1
Date & Time Acquired ::	2019-02-20 14:59:29	DataFile Name :	016ICSB.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	181176	179458	179735	180123	0.51	cps
Molybdenum	94-1	13966547	13822646	14122010	13970401	1.07	cps
Molybdenum	95-1	22815371	23059395	23512091	23128952	1.53	cps
Molybdenum	96-1	24458263	24659281	24926087	24681210	0.95	cps
Molybdenum	97-1	14190471	14229625	14375281	14265126	0.68	cps
Molybdenum	98-1	36502208	37083349	36999832	36861796	0.85	cps
Neodymium	150-1	160	133	133	142	10.83	cps
Neodymium	150-2	53	47	50	50	6.66	cps
Nickel	60-2	107723	105416	106414	106518	1.09	cps
Phosphorus	31-2	2453746	2457670	2450456	2453957	0.15	cps
Potassium	39-2	87521710	85888973	86858183	86756289	0.95	cps
Rhodium	103-1	17018687	17347521	17127276	17164495	0.98	cps
Rhodium	103-2	10407693	10457018	10395984	10420231	0.31	cps
Scandium	45-1	12995034	12951419	12910486	12952313	0.33	cps
Scandium	45-2	849827	852395	851048	851090	0.15	cps
Selenium	77-2	807	827	703	779	8.50	cps
Selenium	78-2	2619	2606	2630	2618	0.46	cps
Selenium	82-1	10556	10713	11098	10789	2.59	cps
Silicon	28-1	2269450	2310804	2364762	2315005	2.06	cps
Silver	109-1	560835	560871	565468	562391	0.47	cps
Silver	107-1	594821	594657	597843	595774	0.30	cps
Sodium	23-2	164146350	164805354	165043462	164665055	0.28	cps
Strontium	86-1	713260	711558	718976	714598	0.54	cps
Strontium	88-1	6221390	6251660	6259797	6244282	0.32	cps
Sulfur	34-1	12034618	12043677	12414359	12164218	1.78	cps
Terbium	159-1	22815640	22813371	22988614	22872542	0.44	cps
Terbium	159-2	14799067	14695628	14719154	14737950	0.37	cps
Thallium	203-1	406127	410147	415357	410544	1.13	cps
Thallium	205-1	962841	973627	978614	971694	0.83	cps
Thorium	232-1	27357	26850	27479	27229	1.22	cps
Tin	118-1	1114046	1116827	1113707	1114860	0.15	cps
Titanium	47-1	7306471	7425705	7419475	7383883	0.91	cps
Uranium	238-1	4077713	4121305	4134187	4111068	0.72	cps
Vanadium	51-2	165363	163416	164780	164520	0.61	cps
Yttrium	89-1	19464935	19587419	19748231	19600195	0.72	cps
Yttrium	89-2	3976768	4002631	4015161	3998187	0.49	cps

LB Number :	LB100928	Operator :	Jaswal
Lab Sample ID :	ICSAB01	Instrumnet Name :	P7
Client Sample ID :	ICSAB01	Dilution Factor :	1
Date & Time Acquired ::	2019-02-20 14:59:29	DataFile Name :	016ICSB.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zinc	66-2	56573	56921	56328	56608	0.53	cps
Zirconium	90-1	2409262	2452695	2459893	2440617	1.12	cps
Zirconium	91-1	541206	545543	550050	545600	0.81	cps

LB Number :	LB100928	Operator :	Jaswal
Lab Sample ID :	CCV08	Instrumnet Name :	P7
Client Sample ID :	CCV08	Dilution Factor :	1
Date & Time Acquired ::	2019-02-20 15:03:11	DataFile Name :	017CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	21211350	21341667	20815841	21122953	1.30	cps
Antimony	121-1	9279715	9314598	9221403	9271905	0.51	cps
Arsenic	75-2	536865	541318	533271	537151	0.75	cps
Barium	135-1	12238786	12386315	12119483	12248195	1.09	cps
Barium	137-1	21763978	21480230	21439169	21561126	0.82	cps
Beryllium	9-1	2673661	2676353	2672665	2674226	0.07	cps
Bismuth	209-1	12157750	12169612	12167843	12165068	0.05	cps
Bismuth	209-2	8023625	9149896	11081070	9418197	16.42	cps
Boron	10-1	562717	573582	570718	569006	0.99	cps
Boron	11-1	2719921	2796328	2791010	2769086	1.54	cps
Cadmium	111-1	3081021	3092673	3069838	3081177	0.37	cps
Cadmium	106-1	366428	369653	372317	369466	0.80	cps
Cadmium	108-1	243649	243315	244125	243697	0.17	cps
Calcium	43-1	18449109	18607783	18689712	18582201	0.66	cps
Calcium	44-1	282046256	284595323	283330915	283324165	0.45	cps
Chromium	52-2	5265256	5266816	5240991	5257687	0.28	cps
Cobalt	59-2	8286938	8110824	8077461	8158408	1.38	cps
Copper	63-2	11449842	11532216	11322137	11434732	0.93	cps
Dysprosium	156-1	350	400	383	378	6.74	cps
Dysprosium	156-2	343	357	300	333	8.89	cps
Erbium	164-1	133	142	142	139	3.46	cps
Erbium	164-2	70	73	60	68	10.24	cps
Gadolinium	160-1	267	400	417	361	22.77	cps
Gadolinium	160-2	400	473	530	468	13.93	cps
Holmium	165-1	21686234	21671275	21796730	21718080	0.32	cps
Holmium	165-2	12604802	14323817	17360667	14763095	16.31	cps
Indium	115-1	17424280	17353477	17419630	17399129	0.23	cps
Indium	115-2	4226760	4810299	5891622	4976227	16.98	cps
Iron	56-2	1134434470	1132193448	1127464247	1131364055	0.31	cps
Iron	57-2	28627453	28512621	28018931	28386335	1.14	cps
Krypton	83-1	1810	1840	1954	1868	4.05	cps
Lead	206-1	7629710	7671952	7721807	7674490	0.60	cps
Lead	207-1	6894561	6915285	6933201	6914349	0.28	cps
Lead	208-1	30942956	30975444	30918236	30945545	0.09	cps
Lithium	6-1	4617347	4548666	4597483	4587832	0.77	cps
Magnesium	24-2	218207155	219216488	215984726	217802790	0.76	cps

LB Number :	LB100928	Operator :	Jaswal
Lab Sample ID :	CCV08	Instrumnet Name :	P7
Client Sample ID :	CCV08	Dilution Factor :	1
Date & Time Acquired ::	2019-02-20 15:03:11	DataFile Name :	017CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	6619184	6644089	6526164	6596479	0.94	cps
Molybdenum	94-1	23418709	23919491	23648060	23662086	1.06	cps
Molybdenum	95-1	29798967	30112106	30443701	30118258	1.07	cps
Molybdenum	96-1	32955854	33058897	33004521	33006424	0.16	cps
Molybdenum	97-1	18418274	18553938	18720301	18564171	0.81	cps
Molybdenum	98-1	48855420	48800181	47855208	48503603	1.16	cps
Neodymium	150-1	1193	1273	1180	1216	4.15	cps
Neodymium	150-2	237	240	243	240	1.39	cps
Nickel	60-2	2044169	2034342	2009335	2029282	0.89	cps
Phosphorus	31-2	250521	243781	250391	248231	1.55	cps
Potassium	39-2	112947586	112585748	112057103	112530146	0.40	cps
Rhodium	103-1	16264143	16047072	16214331	16175182	0.70	cps
Rhodium	103-2	8500985	9690460	11760644	9984029	16.52	cps
Scandium	45-1	12454409	12685310	12654899	12598206	1.00	cps
Scandium	45-2	745074	842891	1029001	872322	16.53	cps
Selenium	77-2	19553	19897	19123	19524	1.99	cps
Selenium	78-2	67298	66788	65914	66666	1.05	cps
Selenium	82-1	279802	279788	279500	279697	0.06	cps
Silicon	28-1	8293246	8422217	8547820	8421094	1.51	cps
Silver	109-1	15326805	15231972	15095793	15218190	0.76	cps
Silver	107-1	15916218	15899311	15963770	15926433	0.21	cps
Sodium	23-2	413793434	421881568	412388859	416021287	1.23	cps
Strontium	86-1	4311020	4276046	4208134	4265067	1.23	cps
Strontium	88-1	37052125	36911902	36640264	36868097	0.57	cps
Sulfur	34-1	2246771	2273666	2281582	2267340	0.80	cps
Terbium	159-1	22291384	22276292	22505716	22357797	0.57	cps
Terbium	159-2	12440572	14197281	17299040	14645631	16.80	cps
Thallium	203-1	9659583	9654674	9558268	9624175	0.59	cps
Thallium	205-1	22891346	22726721	23092021	22903363	0.80	cps
Thorium	232-1	32785210	33252691	32923502	32987135	0.73	cps
Tin	118-1	8822214	8945082	8838036	8868444	0.75	cps
Titanium	47-1	8871625	8897984	8904809	8891472	0.20	cps
Uranium	238-1	31810882	31441337	31512469	31588230	0.62	cps
Vanadium	51-2	4183038	4162011	4145378	4163476	0.45	cps
Yttrium	89-1	19325133	19365260	19281984	19324126	0.22	cps
Yttrium	89-2	3461201	3917330	4784113	4054215	16.58	cps

LB Number :	LB100928	Operator :	Jaswal
Lab Sample ID :	CCV08	Instrumnet Name :	P7
Client Sample ID :	CCV08	Dilution Factor :	1
Date & Time Acquired ::	2019-02-20 15:03:11	DataFile Name :	017CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zinc	66-2	1884320	1888990	1872509	1881939	0.45	cps
Zirconium	90-1	18614610	18528942	18558826	18567459	0.23	cps
Zirconium	91-1	4088546	4127440	4106936	4107641	0.47	cps

LB Number :	LB100928	Operator :	Jaswal
Lab Sample ID :	CCB08	Instrumnet Name :	P7
Client Sample ID :	CCB08	Dilution Factor :	1
Date & Time Acquired ::	2019-02-20 15:08:16	DataFile Name :	018CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	808	683	758	750	8.39	cps
Antimony	121-1	2334	2250	2309	2298	1.86	cps
Arsenic	75-2	37	37	46	40	13.32	cps
Barium	135-1	250	250	250	250	0.00	cps
Barium	137-1	583	400	508	497	18.54	cps
Beryllium	9-1	277	273	217	256	13.19	cps
Bismuth	209-1	14704383	14598867	14730479	14677910	0.47	cps
Bismuth	209-2	11279281	11369463	11099158	11249301	1.22	cps
Boron	10-1	13465	12055	11288	12269	9.00	cps
Boron	11-1	64916	61811	58849	61859	4.90	cps
Cadmium	111-1	12277	11919	12147	12115	1.50	cps
Cadmium	106-1	17278	16702	17161	17047	1.79	cps
Cadmium	108-1	54	79	100	78	29.50	cps
Calcium	43-1	1642	1458	1283	1461	12.26	cps
Calcium	44-1	235309	235731	234521	235187	0.26	cps
Chromium	52-2	5074	5271	5071	5139	2.23	cps
Cobalt	59-2	293	190	213	232	23.34	cps
Copper	63-2	4271	4427	4534	4411	3.00	cps
Dysprosium	156-1	0	8	25	11	114.58	cps
Dysprosium	156-2	13	3	3	7	86.65	cps
Erbium	164-1	92	25	83	67	54.49	cps
Erbium	164-2	23	50	23	32	47.79	cps
Gadolinium	160-1	308	200	267	258	21.15	cps
Gadolinium	160-2	437	423	417	426	2.39	cps
Holmium	165-1	22854659	22441397	22913590	22736548	1.13	cps
Holmium	165-2	15463521	15150472	15265034	15293009	1.04	cps
Indium	115-1	19409917	19491204	19255492	19385538	0.62	cps
Indium	115-2	5453870	5461323	5437266	5450819	0.23	cps
Iron	56-2	51742	49679	51257	50893	2.12	cps
Iron	57-2	1278	1333	1239	1283	3.70	cps
Krypton	83-1	1900	1830	1850	1860	1.94	cps
Lead	206-1	1656	1539	1645	1613	3.99	cps
Lead	207-1	1533	1483	1333	1450	7.18	cps
Lead	208-1	6712	6462	6584	6586	1.90	cps
Lithium	6-1	4935773	4914675	4908850	4919766	0.29	cps
Magnesium	24-2	4743	4734	4759	4745	0.27	cps

LB Number :	LB100928	Operator :	Jaswal
Lab Sample ID :	CCB08	Instrumnet Name :	P7
Client Sample ID :	CCB08	Dilution Factor :	1
Date & Time Acquired ::	2019-02-20 15:08:16	DataFile Name :	018CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	217	240	210	222	7.09	cps
Molybdenum	94-1	2900	2609	2567	2692	6.75	cps
Molybdenum	95-1	3459	2509	2725	2898	17.19	cps
Molybdenum	96-1	3826	3626	3242	3565	8.32	cps
Molybdenum	97-1	2042	1925	1700	1889	9.19	cps
Molybdenum	98-1	5468	4759	4317	4848	11.97	cps
Neodymium	150-1	0	7	7	4	86.60	cps
Neodymium	150-2	3	0	7	3	100.05	cps
Nickel	60-2	243	283	323	283	14.12	cps
Phosphorus	31-2	625	550	717	631	13.24	cps
Potassium	39-2	94475	95439	94149	94688	0.71	cps
Rhodium	103-1	19095580	19128047	19074783	19099470	0.14	cps
Rhodium	103-2	11662240	11611493	11570214	11614649	0.40	cps
Scandium	45-1	13305557	13299955	13113778	13239763	0.82	cps
Scandium	45-2	868543	873850	878836	873743	0.59	cps
Selenium	77-2	7	3	3	4	43.40	cps
Selenium	78-2	257	239	261	252	4.72	cps
Selenium	82-1	383	419	424	409	5.54	cps
Silicon	28-1	708966	707217	703037	706407	0.43	cps
Silver	109-1	1534	1292	1250	1358	11.26	cps
Silver	107-1	1392	1250	1392	1345	6.08	cps
Sodium	23-2	116550	116508	115853	116304	0.34	cps
Strontium	86-1	3050	2959	3109	3039	2.49	cps
Strontium	88-1	1158	1092	742	997	22.44	cps
Sulfur	34-1	812065	813353	810589	812002	0.17	cps
Terbium	159-1	23345669	23408281	23442289	23398746	0.21	cps
Terbium	159-2	15231961	15264901	15234028	15243630	0.12	cps
Thallium	203-1	3484	3276	2784	3181	11.30	cps
Thallium	205-1	8320	7886	7711	7972	3.93	cps
Thorium	232-1	5485	5357	5057	5299	4.15	cps
Tin	118-1	2384	2400	2300	2361	2.27	cps
Titanium	47-1	1875	1825	1817	1839	1.72	cps
Uranium	238-1	767	792	583	714	15.93	cps
Vanadium	51-2	127	87	63	92	34.73	cps
Yttrium	89-1	20392951	20453733	20279408	20375364	0.43	cps
Yttrium	89-2	4157684	4193064	4184335	4178361	0.44	cps

LB Number :	LB100928	Operator :	Jaswal
Lab Sample ID :	CCB08	Instrumnet Name :	P7
Client Sample ID :	CCB08	Dilution Factor :	1
Date & Time Acquired ::	2019-02-20 15:08:16	DataFile Name :	018CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zinc	66-2	763	743	707	738	3.90	cps
Zirconium	90-1	3109	2917	2917	2981	3.71	cps
Zirconium	91-1	600	633	500	578	12.01	cps

LB Number :	LB100928	Operator :	Jaswal
Lab Sample ID :	CRI	Instrumnet Name :	P7
Client Sample ID :	CRI	Dilution Factor :	1
Date & Time Acquired ::	2019-02-20 15:11:53	DataFile Name :	019LLCC.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	8453	8911	8378	8581	3.37	cps
Antimony	121-1	38947	38646	39223	38939	0.74	cps
Arsenic	75-2	1150	1200	1209	1186	2.69	cps
Barium	135-1	50920	49941	51598	50820	1.64	cps
Barium	137-1	88097	87928	88079	88035	0.11	cps
Beryllium	9-1	5948	5981	5948	5959	0.32	cps
Bismuth	209-1	14450588	14335016	14536551	14440718	0.70	cps
Bismuth	209-2	11285064	11232426	11294439	11270643	0.30	cps
Boron	10-1	36420	36779	37046	36749	0.86	cps
Boron	11-1	176934	174516	178170	176540	1.05	cps
Cadmium	111-1	18772	18626	19093	18830	1.27	cps
Cadmium	106-1	17820	17770	18037	17876	0.79	cps
Cadmium	108-1	500	521	508	510	2.06	cps
Calcium	43-1	37716	38827	39186	38576	1.99	cps
Calcium	44-1	819001	824028	816255	819762	0.48	cps
Chromium	52-2	26227	25716	26487	26143	1.50	cps
Cobalt	59-2	17748	17250	17374	17457	1.48	cps
Copper	63-2	28885	29169	29239	29098	0.64	cps
Dysprosium	156-1	25	33	8	22	57.29	cps
Dysprosium	156-2	17	13	10	13	25.01	cps
Erbium	164-1	133	67	33	78	65.47	cps
Erbium	164-2	30	40	67	46	41.61	cps
Gadolinium	160-1	367	383	242	331	23.42	cps
Gadolinium	160-2	453	460	350	421	14.65	cps
Holmium	165-1	22381072	22359289	22216531	22318964	0.40	cps
Holmium	165-2	15110308	15083844	15222502	15138885	0.49	cps
Indium	115-1	19106200	19212871	19290584	19203218	0.48	cps
Indium	115-2	5363042	5344226	5406885	5371384	0.60	cps
Iron	56-2	572107	583157	588871	581378	1.47	cps
Iron	57-2	14079	15097	15475	14884	4.85	cps
Krypton	83-1	1870	1860	1840	1857	0.82	cps
Lead	206-1	17128	18124	17801	17684	2.87	cps
Lead	207-1	15131	15910	15532	15524	2.51	cps
Lead	208-1	69222	71688	71137	70682	1.83	cps
Lithium	6-1	4873329	4902015	4869015	4881453	0.37	cps
Magnesium	24-2	444228	455200	448030	449153	1.24	cps

LB Number :	LB100928	Operator :	Jaswal
Lab Sample ID :	CRI	Instrumnet Name :	P7
Client Sample ID :	CRI	Dilution Factor :	1
Date & Time Acquired ::	2019-02-20 15:11:53	DataFile Name :	019LLCC.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	7575	7475	7432	7494	0.98	cps
Molybdenum	94-1	47931	48717	50491	49046	2.67	cps
Molybdenum	95-1	59600	59660	60336	59866	0.68	cps
Molybdenum	96-1	65602	66916	66824	66447	1.10	cps
Molybdenum	97-1	36047	36874	36949	36623	1.37	cps
Molybdenum	98-1	94480	97006	95034	95507	1.39	cps
Neodymium	150-1	13	20	13	16	24.76	cps
Neodymium	150-2	0	0	13	4	173.21	cps
Nickel	60-2	4981	5318	5008	5102	3.67	cps
Phosphorus	31-2	1850	1817	1984	1884	4.68	cps
Potassium	39-2	501859	506480	517805	508714	1.61	cps
Rhodium	103-1	18932356	19085114	18861915	18959795	0.60	cps
Rhodium	103-2	11568372	11628256	11519027	11571885	0.47	cps
Scandium	45-1	13042879	13280927	13234238	13186015	0.96	cps
Scandium	45-2	854401	865456	866959	862272	0.80	cps
Selenium	77-2	200	200	170	190	9.12	cps
Selenium	78-2	993	987	963	981	1.61	cps
Selenium	82-1	3523	3414	3609	3515	2.79	cps
Silicon	28-1	865356	856774	852630	858254	0.76	cps
Silver	109-1	37568	36991	37191	37250	0.79	cps
Silver	107-1	40192	39765	39356	39771	1.05	cps
Sodium	23-2	921229	927466	917940	922211	0.52	cps
Strontium	86-1	10171	10438	10504	10371	1.70	cps
Strontium	88-1	63926	64170	66229	64775	1.95	cps
Sulfur	34-1	824975	831379	835373	830576	0.63	cps
Terbium	159-1	23339539	23315966	23202566	23286024	0.31	cps
Terbium	159-2	15143144	15017079	15187370	15115864	0.58	cps
Thallium	203-1	22219	21702	21644	21855	1.45	cps
Thallium	205-1	52714	52630	53099	52814	0.47	cps
Thorium	232-1	65330	65766	64990	65362	0.60	cps
Tin	118-1	96322	96615	96523	96487	0.16	cps
Titanium	47-1	18596	19338	19747	19227	3.04	cps
Uranium	238-1	61211	61422	62251	61628	0.89	cps
Vanadium	51-2	42378	42799	43197	42791	0.96	cps
Yttrium	89-1	19967899	20069147	19967647	20001564	0.29	cps
Yttrium	89-2	4125089	4153664	4173873	4150875	0.59	cps

LB Number :	LB100928	Operator :	Jaswal
Lab Sample ID :	CRI	Instrumnet Name :	P7
Client Sample ID :	CRI	Dilution Factor :	1
Date & Time Acquired ::	2019-02-20 15:11:53	DataFile Name :	019LLCC.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zinc	66-2	5548	5478	5871	5632	3.73	cps
Zirconium	90-1	38653	39865	40575	39698	2.45	cps
Zirconium	91-1	9220	9012	9153	9128	1.17	cps

LB Number :	LB100928	Operator :	Jaswal
Lab Sample ID :	K1384-01RE	Instrumnet Name :	P7
Client Sample ID :	MANS-BATHROOMRE	Dilution Factor :	1
Date & Time Acquired ::	2019-02-20 15:15:29	DataFile Name :	020SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	45044	44760	43883	44562	1.36	cps
Antimony	121-1	4201	4151	4051	4134	1.85	cps
Arsenic	75-2	196	220	222	213	6.79	cps
Barium	135-1	305100	298705	302684	302163	1.07	cps
Barium	137-1	519901	527094	521446	522813	0.72	cps
Beryllium	9-1	350	260	217	276	24.68	cps
Bismuth	209-1	15079049	15136769	15097691	15104503	0.20	cps
Bismuth	209-2	11475848	11471126	11408979	11451984	0.33	cps
Boron	10-1	40397	42536	40981	41305	2.68	cps
Boron	11-1	204437	204673	205632	204914	0.31	cps
Cadmium	111-1	13118	13485	13015	13206	1.87	cps
Cadmium	106-1	18179	18722	17987	18296	2.08	cps
Cadmium	108-1	183	196	121	167	24.11	cps
Calcium	43-1	2486643	2498113	2490265	2491674	0.24	cps
Calcium	44-1	38402231	37809009	37800705	38003982	0.91	cps
Chromium	52-2	4841	5171	5178	5063	3.80	cps
Cobalt	59-2	1823	1533	1457	1605	12.05	cps
Copper	63-2	4256527	4266828	4255699	4259685	0.15	cps
Dysprosium	156-1	100	167	108	125	29.06	cps
Dysprosium	156-2	97	93	80	90	9.80	cps
Erbium	164-1	175	158	208	181	14.10	cps
Erbium	164-2	133	110	127	123	9.75	cps
Gadolinium	160-1	417	308	233	319	28.85	cps
Gadolinium	160-2	450	603	587	547	15.39	cps
Holmium	165-1	24205127	23755546	24141443	24034039	1.01	cps
Holmium	165-2	16035973	15853346	15976914	15955411	0.58	cps
Indium	115-1	20433353	20483596	20185564	20367504	0.78	cps
Indium	115-2	5671065	5662844	5698505	5677471	0.33	cps
Iron	56-2	623148	614532	618405	618695	0.70	cps
Iron	57-2	37293	36384	36685	36787	1.26	cps
Krypton	83-1	2110	2004	1964	2026	3.74	cps
Lead	206-1	5910306	5885734	5886358	5894133	0.24	cps
Lead	207-1	4832194	4773451	4805143	4803596	0.61	cps
Lead	208-1	22478677	22285081	22210029	22324596	0.62	cps
Lithium	6-1	5232032	5192955	5145433	5190140	0.84	cps
Magnesium	24-2	8518511	8407368	8474895	8466925	0.66	cps

LB Number :	LB100928	Operator :	Jaswal
Lab Sample ID :	K1384-01RE	Instrumnet Name :	P7
Client Sample ID :	MANS-BATHROOMRE	Dilution Factor :	1
Date & Time Acquired ::	2019-02-20 15:15:29	DataFile Name :	020SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	40121	39824	40014	39987	0.38	cps
Molybdenum	94-1	5009	4192	4701	4634	8.90	cps
Molybdenum	95-1	6443	6727	6452	6541	2.47	cps
Molybdenum	96-1	7010	7344	6710	7021	4.51	cps
Molybdenum	97-1	4176	4042	4101	4106	1.63	cps
Molybdenum	98-1	10529	10313	10513	10451	1.15	cps
Neodymium	150-1	120	107	67	98	28.38	cps
Neodymium	150-2	13	37	57	36	61.01	cps
Nickel	60-2	98858	97603	97750	98070	0.70	cps
Phosphorus	31-2	8178	7394	7711	7761	5.08	cps
Potassium	39-2	1607137	1593933	1589638	1596902	0.57	cps
Rhodium	103-1	19724066	19823252	19676490	19741269	0.38	cps
Rhodium	103-2	11968193	11912313	11818921	11899809	0.63	cps
Scandium	45-1	14046201	14136136	14109738	14097358	0.33	cps
Scandium	45-2	926917	918783	918767	921489	0.51	cps
Selenium	77-2	10	3	7	7	50.03	cps
Selenium	78-2	278	307	293	293	5.06	cps
Selenium	82-1	493	629	526	549	12.95	cps
Silicon	28-1	88412119	89454246	88441669	88769344	0.67	cps
Silver	109-1	958	1092	1017	1022	6.54	cps
Silver	107-1	1125	1183	1242	1183	4.93	cps
Sodium	23-2	61998572	61387064	61545972	61643869	0.51	cps
Strontium	86-1	1143646	1137682	1131560	1137629	0.53	cps
Strontium	88-1	10002578	10063118	9898785	9988160	0.83	cps
Sulfur	34-1	3186108	3187707	3146807	3173541	0.73	cps
Terbium	159-1	24672590	25125865	24771301	24856585	0.96	cps
Terbium	159-2	15903839	15907393	15976841	15929357	0.26	cps
Thallium	203-1	2575	2359	2034	2323	11.74	cps
Thallium	205-1	6218	5076	4509	5268	16.53	cps
Thorium	232-1	2000	1850	1817	1889	5.17	cps
Tin	118-1	621825	612760	633889	622825	1.70	cps
Titanium	47-1	4409	4551	4576	4512	1.99	cps
Uranium	238-1	10179	10163	10747	10363	3.21	cps
Vanadium	51-2	4474	4501	4474	4483	0.34	cps
Yttrium	89-1	21503314	21843580	21600149	21649014	0.81	cps
Yttrium	89-2	4392345	4439970	4425111	4419142	0.55	cps

LB Number :	LB100928	Operator :	Jaswal
Lab Sample ID :	K1384-01RE	Instrumnet Name :	P7
Client Sample ID :	MANS-BATHROOMRE	Dilution Factor :	1
Date & Time Acquired ::	2019-02-20 15:15:29	DataFile Name :	020SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zinc	66-2	1919738	1928954	1935557	1928083	0.41	cps
Zirconium	90-1	3342	4078	3234	3552	12.94	cps
Zirconium	91-1	608	850	625	694	19.44	cps

LB Number :	LB100928	Operator :	Jaswal
Lab Sample ID :	K1503-02A	Instrumnet Name :	P7
Client Sample ID :	MH0Y64A	Dilution Factor :	1
Date & Time Acquired ::	2019-02-20 15:19:07	DataFile Name :	021SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	7519063	7401753	7545616	7488810	1.02	cps
Antimony	121-1	86232	87029	89251	87504	1.79	cps
Arsenic	75-2	610074	609821	612407	610767	0.23	cps
Barium	135-1	4103616	4204400	4181793	4163270	1.27	cps
Barium	137-1	7097699	7290579	7198904	7195727	1.34	cps
Beryllium	9-1	12185	12005	11968	12053	0.96	cps
Bismuth	209-1	13992743	14255411	14307679	14185278	1.19	cps
Bismuth	209-2	10857563	10792580	10976522	10875555	0.86	cps
Boron	10-1	48938	50277	50486	49900	1.68	cps
Boron	11-1	239403	243763	245009	242725	1.21	cps
Cadmium	111-1	78444	78427	78832	78568	0.29	cps
Cadmium	106-1	25991	25340	25608	25646	1.28	cps
Cadmium	108-1	4847	5314	5147	5102	4.64	cps
Calcium	43-1	6875757	6921356	7005301	6934138	0.95	cps
Calcium	44-1	105751704	105854702	106854152	106153520	0.57	cps
Chromium	52-2	688273	681199	683258	684243	0.53	cps
Cobalt	59-2	315569	308719	307701	310663	1.38	cps
Copper	63-2	5552413	5599100	5515862	5555792	0.75	cps
Dysprosium	156-1	268374	269849	269401	269208	0.28	cps
Dysprosium	156-2	168778	168480	169111	168790	0.19	cps
Erbium	164-1	190659	196924	194039	193874	1.62	cps
Erbium	164-2	123849	125665	125033	124849	0.74	cps
Gadolinium	160-1	213691	216367	217371	215810	0.88	cps
Gadolinium	160-2	151232	153360	155566	153386	1.41	cps
Holmium	165-1	22244211	22402879	22235440	22294177	0.42	cps
Holmium	165-2	15073953	14970986	15080318	15041752	0.41	cps
Indium	115-1	18544062	18736683	18696275	18659007	0.54	cps
Indium	115-2	5204015	5242365	5241665	5229348	0.42	cps
Iron	56-2	394761153	395732609	392000253	394164672	0.49	cps
Iron	57-2	9977515	9747155	9918458	9881043	1.21	cps
Krypton	83-1	2340	2230	2264	2278	2.48	cps
Lead	206-1	16319965	16491431	16211631	16341009	0.86	cps
Lead	207-1	13640621	13715883	13676571	13677692	0.28	cps
Lead	208-1	62901338	63812579	63216119	63310012	0.73	cps
Lithium	6-1	4884604	4915206	4947729	4915846	0.64	cps
Magnesium	24-2	12185868	12176261	12245665	12202598	0.31	cps

LB Number :	LB100928	Operator :	Jaswal
Lab Sample ID :	K1503-02A	Instrumnet Name :	P7
Client Sample ID :	MH0Y64A	Dilution Factor :	1
Date & Time Acquired ::	2019-02-20 15:19:07	DataFile Name :	021SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	10128067	10193858	10147074	10156333	0.33	cps
Molybdenum	94-1	60404	62555	62656	61871	2.06	cps
Molybdenum	95-1	48107	49855	50574	49512	2.56	cps
Molybdenum	96-1	62061	62003	61759	61941	0.26	cps
Molybdenum	97-1	30751	29799	31118	30556	2.23	cps
Molybdenum	98-1	79229	80864	79556	79883	1.08	cps
Neodymium	150-1	395530	405679	406789	402666	1.54	cps
Neodymium	150-2	213230	214922	212805	213652	0.52	cps
Nickel	60-2	287164	286602	287051	286939	0.10	cps
Phosphorus	31-2	175083	179739	176407	177077	1.35	cps
Potassium	39-2	4563609	4685523	4618215	4622449	1.32	cps
Rhodium	103-1	17865025	17824993	17956591	17882203	0.38	cps
Rhodium	103-2	10856160	10828489	10913121	10865923	0.40	cps
Scandium	45-1	12886668	12942397	13315087	13048050	1.79	cps
Scandium	45-2	857220	852049	858172	855814	0.38	cps
Selenium	77-2	2580	2544	2610	2578	1.30	cps
Selenium	78-2	5994	6020	6024	6012	0.27	cps
Selenium	82-1	22041	22893	22596	22510	1.92	cps
Silicon	28-1	113000582	111598802	113405815	112668400	0.84	cps
Silver	109-1	689880	689715	694899	691498	0.43	cps
Silver	107-1	716473	708955	733096	719508	1.72	cps
Sodium	23-2	1313768	1306429	1292496	1304231	0.83	cps
Strontium	86-1	3957024	3998257	4047949	4001077	1.14	cps
Strontium	88-1	35161861	35234361	34782499	35059574	0.69	cps
Sulfur	34-1	1322979	1325865	1316976	1321940	0.34	cps
Terbium	159-1	22850857	22966503	23025902	22947754	0.39	cps
Terbium	159-2	14840484	14938631	15077929	14952348	0.80	cps
Thallium	203-1	18222	19256	19482	18987	3.54	cps
Thallium	205-1	42762	44542	47745	45016	5.61	cps
Thorium	232-1	137286	137248	138656	137730	0.58	cps
Tin	118-1	590828	596287	601267	596127	0.88	cps
Titanium	47-1	841399	843993	864965	850119	1.52	cps
Uranium	238-1	632266	627589	626588	628814	0.48	cps
Vanadium	51-2	611117	608568	604595	608093	0.54	cps
Yttrium	89-1	22553194	22779203	22743394	22691930	0.54	cps
Yttrium	89-2	4613938	4635526	4658232	4635899	0.48	cps

LB Number :	LB100928	Operator :	Jaswal
Lab Sample ID :	K1503-02A	Instrumnet Name :	P7
Client Sample ID :	MH0Y64A	Dilution Factor :	1
Date & Time Acquired ::	2019-02-20 15:19:07	DataFile Name :	021SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zinc	66-2	4742219	4776188	4801988	4773465	0.63	cps
Zirconium	90-1	92264	93951	93118	93111	0.91	cps
Zirconium	91-1	23311	23587	22226	23042	3.12	cps

LB Number :	LB100928	Operator :	Jaswal
Lab Sample ID :	K1503-02ADLX2	Instrumnet Name :	P7
Client Sample ID :	MH0Y64ADL	Dilution Factor :	2
Date & Time Acquired ::	2019-02-20 15:22:49	DataFile Name :	022SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	3637689	3688250	3653667	3659868	0.71	cps
Antimony	121-1	43251	43301	44471	43675	1.58	cps
Arsenic	75-2	300343	301641	299565	300516	0.35	cps
Barium	135-1	2054568	2065442	2097515	2072508	1.08	cps
Barium	137-1	3570348	3626394	3618271	3605004	0.84	cps
Beryllium	9-1	6361	6195	6045	6200	2.56	cps
Bismuth	209-1	14527191	14402476	14590184	14506617	0.66	cps
Bismuth	209-2	10779364	11076507	10915369	10923747	1.36	cps
Boron	10-1	26741	28378	28018	27712	3.10	cps
Boron	11-1	131888	135739	134898	134175	1.51	cps
Cadmium	111-1	44459	46568	45745	45591	2.33	cps
Cadmium	106-1	20566	21350	21400	21106	2.22	cps
Cadmium	108-1	2534	2500	2742	2592	5.05	cps
Calcium	43-1	3513711	3473117	3475291	3487373	0.65	cps
Calcium	44-1	53634360	53318422	53083341	53345374	0.52	cps
Chromium	52-2	340203	344435	342009	342216	0.62	cps
Cobalt	59-2	153404	156988	153249	154547	1.37	cps
Copper	63-2	2771612	2796465	2775169	2781082	0.48	cps
Dysprosium	156-1	134455	133438	133060	133651	0.54	cps
Dysprosium	156-2	82556	86057	83496	84036	2.16	cps
Erbium	164-1	94947	96971	96441	96120	1.09	cps
Erbium	164-2	62124	62446	62590	62386	0.38	cps
Gadolinium	160-1	108393	104792	106027	106404	1.72	cps
Gadolinium	160-2	75859	76687	76066	76204	0.57	cps
Holmium	165-1	22498274	22743730	22354525	22532177	0.87	cps
Holmium	165-2	14850077	15302541	14890241	15014286	1.67	cps
Indium	115-1	18801723	18833195	18891847	18842255	0.24	cps
Indium	115-2	5167712	5264934	5224729	5219125	0.94	cps
Iron	56-2	194511449	194606999	196861721	195326723	0.68	cps
Iron	57-2	4843709	4906983	4904111	4884934	0.73	cps
Krypton	83-1	2127	2074	2004	2068	2.99	cps
Lead	206-1	8330393	8219144	8314368	8287968	0.73	cps
Lead	207-1	7013323	6973156	7004632	6997037	0.30	cps
Lead	208-1	32387732	32102758	32305959	32265483	0.45	cps
Lithium	6-1	4971123	4962332	4958287	4963914	0.13	cps
Magnesium	24-2	5917229	5939007	5914445	5923561	0.23	cps

LB Number : LB100928 Operator : Jaswal
 Lab Sample ID : K1503-02ADLX2 Instrumnet Name : P7
 Client Sample ID : MH0Y64ADL Dilution Factor : 2
 Date & Time Acquired :: 2019-02-20 15:22:49 DataFile Name : 022SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	4959162	4998424	4969281	4975622	0.41	cps
Molybdenum	94-1	30951	30617	30751	30773	0.55	cps
Molybdenum	95-1	24748	25641	25006	25132	1.83	cps
Molybdenum	96-1	30692	31394	30726	30937	1.28	cps
Molybdenum	97-1	15801	15759	15592	15718	0.70	cps
Molybdenum	98-1	39305	40233	40701	40080	1.77	cps
Neodymium	150-1	202741	198879	202390	201336	1.06	cps
Neodymium	150-2	105990	106108	106424	106174	0.21	cps
Nickel	60-2	142530	142071	142502	142367	0.18	cps
Phosphorus	31-2	87213	88606	87481	87766	0.84	cps
Potassium	39-2	2266749	2267093	2231309	2255050	0.91	cps
Rhodium	103-1	18254761	18209092	18536178	18333344	0.97	cps
Rhodium	103-2	11037102	11008744	10990983	11012277	0.21	cps
Scandium	45-1	13110543	13000602	12940694	13017280	0.66	cps
Scandium	45-2	839367	850263	844992	844874	0.64	cps
Selenium	77-2	1203	1337	1423	1321	8.39	cps
Selenium	78-2	3065	3213	3221	3166	2.77	cps
Selenium	82-1	11192	11236	11261	11230	0.31	cps
Silicon	28-1	56242295	57046180	57154118	56814198	0.88	cps
Silver	109-1	347026	356591	352516	352045	1.36	cps
Silver	107-1	357767	366178	361409	361785	1.17	cps
Sodium	23-2	701841	704126	707944	704637	0.44	cps
Strontium	86-1	1972332	1957790	1958468	1962863	0.42	cps
Strontium	88-1	17626164	17267101	17473389	17455551	1.03	cps
Sulfur	34-1	1056846	1067509	1058168	1060841	0.55	cps
Terbium	159-1	23381434	23259871	23446793	23362699	0.41	cps
Terbium	159-2	14763062	15125684	14889259	14926002	1.23	cps
Thallium	203-1	9404	9387	10413	9735	6.03	cps
Thallium	205-1	23422	24089	23096	23536	2.15	cps
Thorium	232-1	67580	68826	69233	68546	1.26	cps
Tin	118-1	300093	293176	299030	297433	1.25	cps
Titanium	47-1	416015	419987	418513	418172	0.48	cps
Uranium	238-1	313055	314288	319722	315689	1.12	cps
Vanadium	51-2	296917	302344	297723	298994	0.98	cps
Yttrium	89-1	21323915	21288411	21236605	21282977	0.21	cps
Yttrium	89-2	4352754	4378086	4378379	4369740	0.34	cps

LB Number :	LB100928	Operator :	Jaswal
Lab Sample ID :	K1503-02ADLX2	Instrumnet Name :	P7
Client Sample ID :	MH0Y64ADL	Dilution Factor :	2
Date & Time Acquired ::	2019-02-20 15:22:49	DataFile Name :	022SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zinc	66-2	2369843	2414060	2398952	2394285	0.94	cps
Zirconium	90-1	47162	47705	45582	46817	2.36	cps
Zirconium	91-1	12289	11480	11447	11739	4.06	cps

LB Number :	LB100928	Operator :	Jaswal
Lab Sample ID :	CCV09	Instrumnet Name :	P7
Client Sample ID :	CCV09	Dilution Factor :	1
Date & Time Acquired ::	2019-02-20 15:26:50	DataFile Name :	023CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	20649902	20624314	20784354	20686190	0.42	cps
Antimony	121-1	8886392	9049347	9135517	9023752	1.40	cps
Arsenic	75-2	529174	533557	534056	532262	0.50	cps
Barium	135-1	12022604	11862041	12064055	11982900	0.89	cps
Barium	137-1	20951588	20936853	21153543	21013995	0.58	cps
Beryllium	9-1	2542697	2538990	2544586	2542091	0.11	cps
Bismuth	209-1	11889794	11751185	11881824	11840934	0.66	cps
Bismuth	209-2	9142982	9220157	9163080	9175407	0.44	cps
Boron	10-1	534106	541419	544057	539861	0.95	cps
Boron	11-1	2627581	2691634	2679823	2666346	1.28	cps
Cadmium	111-1	2962233	2968615	2983921	2971589	0.38	cps
Cadmium	106-1	350810	357274	355598	354561	0.95	cps
Cadmium	108-1	231248	235915	236719	234627	1.26	cps
Calcium	43-1	17415646	17605454	17841313	17620804	1.21	cps
Calcium	44-1	271485148	271470489	275563139	272839592	0.86	cps
Chromium	52-2	5073820	5081502	5222278	5125867	1.63	cps
Cobalt	59-2	8027491	8040406	8081770	8049889	0.35	cps
Copper	63-2	11351249	11443462	11424623	11406445	0.43	cps
Dysprosium	156-1	317	400	450	389	17.32	cps
Dysprosium	156-2	287	310	350	316	10.15	cps
Erbium	164-1	125	125	83	111	21.65	cps
Erbium	164-2	70	97	80	82	16.39	cps
Gadolinium	160-1	383	392	400	392	2.13	cps
Gadolinium	160-2	460	430	500	463	7.58	cps
Holmium	165-1	21012791	21189868	21141599	21114753	0.43	cps
Holmium	165-2	14397975	14523796	14391503	14437758	0.52	cps
Indium	115-1	16758831	16851404	16716365	16775533	0.41	cps
Indium	115-2	4795214	4863922	4880892	4846676	0.94	cps
Iron	56-2	1119566581	1134574248	1122211203	1125450677	0.71	cps
Iron	57-2	28085446	28154696	28127924	28122689	0.12	cps
Krypton	83-1	1924	1860	1907	1897	1.73	cps
Lead	206-1	7576661	7538895	7493961	7536506	0.55	cps
Lead	207-1	6770130	6749776	6792565	6770823	0.32	cps
Lead	208-1	30260671	30224211	30315410	30266764	0.15	cps
Lithium	6-1	4336272	4340866	4352967	4343368	0.20	cps
Magnesium	24-2	212976959	215497021	215148967	214540983	0.64	cps

LB Number :	LB100928	Operator :	Jaswal
Lab Sample ID :	CCV09	Instrumnet Name :	P7
Client Sample ID :	CCV09	Dilution Factor :	1
Date & Time Acquired ::	2019-02-20 15:26:50	DataFile Name :	023CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	6480067	6535821	6518132	6511340	0.44	cps
Molybdenum	94-1	22559196	23053311	22772638	22795048	1.09	cps
Molybdenum	95-1	28740615	28944188	29496376	29060393	1.35	cps
Molybdenum	96-1	31619982	31887081	32161223	31889428	0.85	cps
Molybdenum	97-1	18035924	17958983	17968768	17987892	0.23	cps
Molybdenum	98-1	46306298	45936965	47007213	46416825	1.17	cps
Neodymium	150-1	1087	1373	1200	1220	11.83	cps
Neodymium	150-2	253	200	257	237	13.43	cps
Nickel	60-2	2018595	2024386	2026466	2023149	0.20	cps
Phosphorus	31-2	237913	247806	244190	243303	2.06	cps
Potassium	39-2	109202886	110773265	111201369	110392507	0.95	cps
Rhodium	103-1	15608275	15723974	15791139	15707796	0.59	cps
Rhodium	103-2	9702847	9732439	9809812	9748366	0.57	cps
Scandium	45-1	12014255	12120605	12242871	12125910	0.94	cps
Scandium	45-2	847040	847799	834582	843141	0.88	cps
Selenium	77-2	19617	19664	19393	19558	0.74	cps
Selenium	78-2	65077	65683	66648	65803	1.20	cps
Selenium	82-1	268803	269731	271047	269860	0.42	cps
Silicon	28-1	8007232	8106084	8191653	8101656	1.14	cps
Silver	109-1	14676374	14734564	14911321	14774087	0.83	cps
Silver	107-1	15493134	15473090	15684631	15550285	0.75	cps
Sodium	23-2	402840017	404503484	407588751	404977417	0.59	cps
Strontium	86-1	4112420	4028610	4147274	4096101	1.49	cps
Strontium	88-1	35874638	35431459	35554832	35620310	0.64	cps
Sulfur	34-1	2224766	2189047	2215988	2209934	0.84	cps
Terbium	159-1	21701255	21606030	21722055	21676446	0.29	cps
Terbium	159-2	14308328	14536563	14466419	14437103	0.81	cps
Thallium	203-1	9448052	9498406	9574476	9506978	0.67	cps
Thallium	205-1	22497145	22573531	22515065	22528580	0.18	cps
Thorium	232-1	32152706	32605769	32366379	32374951	0.70	cps
Tin	118-1	8458555	8597197	8675354	8577035	1.28	cps
Titanium	47-1	8509362	8574493	8562012	8548622	0.40	cps
Uranium	238-1	30880432	30642139	30971702	30831424	0.55	cps
Vanadium	51-2	4082941	4145520	4099236	4109232	0.79	cps
Yttrium	89-1	18258757	18411544	18626884	18432395	1.00	cps
Yttrium	89-2	3926183	3950450	3904577	3927070	0.58	cps

LB Number :	LB100928	Operator :	Jaswal
Lab Sample ID :	CCV09	Instrumnet Name :	P7
Client Sample ID :	CCV09	Dilution Factor :	1
Date & Time Acquired ::	2019-02-20 15:26:50	DataFile Name :	023CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zinc	66-2	1869414	1880823	1876308	1875515	0.31	cps
Zirconium	90-1	17600837	17539995	18099404	17746746	1.73	cps
Zirconium	91-1	3910389	3927747	4036419	3958185	1.73	cps

LB Number : LB100928 Operator : Jaswal
 Lab Sample ID : CCB09 Instrumnet Name : P7
 Client Sample ID : CCB09 Dilution Factor : 1
 Date & Time Acquired :: 2019-02-20 15:32:21 DataFile Name : 024CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	2000	2175	2225	2134	5.54	cps
Antimony	121-1	2617	2717	2617	2650	2.18	cps
Arsenic	75-2	83	74	83	80	6.66	cps
Barium	135-1	1375	1050	1058	1161	15.96	cps
Barium	137-1	2259	2142	2000	2134	6.06	cps
Beryllium	9-1	413	437	370	407	8.32	cps
Bismuth	209-1	14162798	14558369	14493478	14404882	1.47	cps
Bismuth	209-2	11355372	11302792	11280314	11312826	0.34	cps
Boron	10-1	10938	10996	10554	10829	2.22	cps
Boron	11-1	55486	51807	49365	52219	5.90	cps
Cadmium	111-1	11961	11596	11548	11701	1.93	cps
Cadmium	106-1	16594	16043	16068	16235	1.92	cps
Cadmium	108-1	67	67	83	72	13.33	cps
Calcium	43-1	2625	2367	2450	2481	5.32	cps
Calcium	44-1	233774	232471	232699	232981	0.30	cps
Chromium	52-2	5284	5354	5458	5365	1.63	cps
Cobalt	59-2	767	843	920	843	9.09	cps
Copper	63-2	4521	4814	4671	4669	3.14	cps
Dysprosium	156-1	25	17	25	22	21.64	cps
Dysprosium	156-2	7	10	17	11	45.82	cps
Erbium	164-1	75	92	75	81	11.95	cps
Erbium	164-2	30	40	70	47	44.61	cps
Gadolinium	160-1	167	225	217	203	15.56	cps
Gadolinium	160-2	450	423	433	436	3.09	cps
Holmium	165-1	21855262	22172526	22526253	22184680	1.51	cps
Holmium	165-2	15229466	15146052	15017237	15130919	0.71	cps
Indium	115-1	18633752	19059872	19175031	18956218	1.50	cps
Indium	115-2	5312999	5441673	5366267	5373646	1.20	cps
Iron	56-2	139407	142727	144404	142179	1.79	cps
Iron	57-2	3278	3806	3612	3565	7.49	cps
Krypton	83-1	1917	1783	1920	1873	4.16	cps
Lead	206-1	1884	2184	2084	2050	7.45	cps
Lead	207-1	1772	1956	1639	1789	8.89	cps
Lead	208-1	8185	8751	8229	8388	3.76	cps
Lithium	6-1	4737339	4857375	4868024	4820912	1.51	cps
Magnesium	24-2	17961	19889	19872	19241	5.76	cps

LB Number :	LB100928	Operator :	Jaswal
Lab Sample ID :	CCB09	Instrumnet Name :	P7
Client Sample ID :	CCB09	Dilution Factor :	1
Date & Time Acquired ::	2019-02-20 15:32:21	DataFile Name :	024CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	750	667	770	729	7.52	cps
Molybdenum	94-1	3509	3542	3459	3503	1.20	cps
Molybdenum	95-1	3542	3351	3334	3409	3.40	cps
Molybdenum	96-1	3851	4309	3826	3995	6.81	cps
Molybdenum	97-1	2392	2200	1792	2128	14.40	cps
Molybdenum	98-1	5943	5610	5301	5618	5.72	cps
Neodymium	150-1	27	27	20	24	15.75	cps
Neodymium	150-2	7	7	3	6	34.70	cps
Nickel	60-2	540	420	467	476	12.72	cps
Phosphorus	31-2	492	583	758	611	22.17	cps
Potassium	39-2	86502	86937	83745	85728	2.02	cps
Rhodium	103-1	18194148	18855353	19029631	18693044	2.36	cps
Rhodium	103-2	11521575	11504383	11477702	11501220	0.19	cps
Scandium	45-1	12730708	13060260	13101397	12964122	1.57	cps
Scandium	45-2	851887	859433	852770	854697	0.48	cps
Selenium	77-2	0	13	7	7	99.98	cps
Selenium	78-2	267	209	252	243	12.29	cps
Selenium	82-1	434	697	338	490	37.95	cps
Silicon	28-1	692298	696229	692577	693701	0.32	cps
Silver	109-1	2067	2342	2309	2239	6.70	cps
Silver	107-1	2300	2409	2009	2239	9.24	cps
Sodium	23-2	119497	118892	119239	119209	0.25	cps
Strontium	86-1	3509	3734	3309	3517	6.05	cps
Strontium	88-1	3242	3100	3067	3137	2.96	cps
Sulfur	34-1	805043	805534	810454	807010	0.37	cps
Terbium	159-1	22527739	23052518	23108156	22896138	1.40	cps
Terbium	159-2	15019396	15139830	15117089	15092105	0.42	cps
Thallium	203-1	3342	3117	2867	3109	7.65	cps
Thallium	205-1	7586	7603	7402	7530	1.47	cps
Thorium	232-1	6530	6141	5924	6198	4.95	cps
Tin	118-1	2784	3201	3034	3006	6.98	cps
Titanium	47-1	1900	2117	1834	1950	7.60	cps
Uranium	238-1	2359	2509	2592	2486	4.76	cps
Vanadium	51-2	450	410	363	408	10.64	cps
Yttrium	89-1	19378818	19895220	20041023	19771687	1.76	cps
Yttrium	89-2	4130437	4124890	4118925	4124751	0.14	cps

LB Number :	LB100928	Operator :	Jaswal
Lab Sample ID :	CCB09	Instrumnet Name :	P7
Client Sample ID :	CCB09	Dilution Factor :	1
Date & Time Acquired ::	2019-02-20 15:32:21	DataFile Name :	024CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zinc	66-2	917	770	863	850	8.73	cps
Zirconium	90-1	3551	3759	3759	3690	3.26	cps
Zirconium	91-1	592	833	808	744	17.85	cps

LB Number : LB100928 Operator : Jaswal
 Lab Sample ID : PB117247BL Instrumnet Name : P7
 Client Sample ID : PB117247BL Dilution Factor : 1
 Date & Time Acquired :: 2019-02-20 15:35:57 DataFile Name : 025CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	508	400	433	447	12.41	cps
Antimony	121-1	1242	1133	1092	1156	6.70	cps
Arsenic	75-2	28	37	28	31	17.32	cps
Barium	135-1	475	358	258	364	29.80	cps
Barium	137-1	592	600	425	539	18.32	cps
Beryllium	9-1	287	257	217	253	13.86	cps
Bismuth	209-1	14551729	14700574	14417074	14556459	0.97	cps
Bismuth	209-2	11060709	11241881	11051089	11117893	0.97	cps
Boron	10-1	6618	6527	6435	6527	1.41	cps
Boron	11-1	33647	33279	32302	33076	2.10	cps
Cadmium	111-1	12499	11661	11845	12002	3.67	cps
Cadmium	106-1	17511	16444	16777	16911	3.23	cps
Cadmium	108-1	54	71	46	57	22.35	cps
Calcium	43-1	1508	1433	1267	1403	8.82	cps
Calcium	44-1	208214	209110	208174	208499	0.25	cps
Chromium	52-2	4868	4911	4761	4846	1.59	cps
Cobalt	59-2	177	170	180	176	2.90	cps
Copper	63-2	3771	3781	3601	3717	2.72	cps
Dysprosium	156-1	17	8	50	25	88.19	cps
Dysprosium	156-2	27	13	10	17	52.93	cps
Erbium	164-1	58	83	75	72	17.62	cps
Erbium	164-2	37	47	43	42	12.06	cps
Gadolinium	160-1	267	217	200	228	15.23	cps
Gadolinium	160-2	430	387	507	441	13.78	cps
Holmium	165-1	22356344	22319959	22267153	22314485	0.20	cps
Holmium	165-2	14989629	15087011	14892941	14989861	0.65	cps
Indium	115-1	19305915	19158822	18932216	19132318	0.98	cps
Indium	115-2	5328051	5322227	5220603	5290294	1.14	cps
Iron	56-2	42774	39398	37008	39727	7.29	cps
Iron	57-2	983	1033	956	991	3.98	cps
Krypton	83-1	1900	2034	1897	1944	4.01	cps
Lead	206-1	1511	1406	1295	1404	7.72	cps
Lead	207-1	1245	1400	1178	1274	8.95	cps
Lead	208-1	5906	5856	5195	5652	7.02	cps
Lithium	6-1	4863817	4819337	4837777	4840311	0.46	cps
Magnesium	24-2	2825	2375	2100	2434	15.04	cps

LB Number :	LB100928	Operator :	Jaswal
Lab Sample ID :	PB117247BL	Instrumnet Name :	P7
Client Sample ID :	PB117247BL	Dilution Factor :	1
Date & Time Acquired ::	2019-02-20 15:35:57	DataFile Name :	025CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	170	153	153	159	6.05	cps
Molybdenum	94-1	2134	1850	1559	1847	15.57	cps
Molybdenum	95-1	1617	1750	1275	1547	15.84	cps
Molybdenum	96-1	1934	1967	1817	1906	4.13	cps
Molybdenum	97-1	1042	858	808	903	13.61	cps
Molybdenum	98-1	2725	2350	2225	2434	10.69	cps
Neodymium	150-1	13	13	13	13	0.00	cps
Neodymium	150-2	7	13	3	8	65.47	cps
Nickel	60-2	297	313	243	284	12.86	cps
Phosphorus	31-2	608	608	475	564	13.65	cps
Potassium	39-2	73700	74454	73097	73750	0.92	cps
Rhodium	103-1	18918350	18983665	18731828	18877947	0.69	cps
Rhodium	103-2	11401121	11438617	11116149	11318629	1.56	cps
Scandium	45-1	13018227	13022252	12940583	12993687	0.35	cps
Scandium	45-2	850283	850801	840164	847083	0.71	cps
Selenium	77-2	0	3	3	2	86.60	cps
Selenium	78-2	265	244	263	257	4.38	cps
Selenium	82-1	332	385	458	392	16.10	cps
Silicon	28-1	669094	667392	658849	665112	0.83	cps
Silver	109-1	850	692	775	772	10.26	cps
Silver	107-1	1017	883	917	939	7.39	cps
Sodium	23-2	79938	79988	78195	79374	1.29	cps
Strontium	86-1	3117	3125	3217	3153	1.76	cps
Strontium	88-1	1250	983	633	956	32.37	cps
Sulfur	34-1	816831	816709	818644	817395	0.13	cps
Terbium	159-1	23204208	23375658	23206333	23262066	0.42	cps
Terbium	159-2	15019414	15159068	14908202	15028895	0.84	cps
Thallium	203-1	1975	1817	1884	1892	4.20	cps
Thallium	205-1	4384	4234	4159	4259	2.69	cps
Thorium	232-1	3884	3523	3034	3480	12.26	cps
Tin	118-1	1950	2092	1425	1822	19.28	cps
Titanium	47-1	1684	1525	1542	1583	5.50	cps
Uranium	238-1	933	750	708	797	15.01	cps
Vanadium	51-2	37	43	30	37	18.18	cps
Yttrium	89-1	19875366	19986005	19545344	19802238	1.16	cps
Yttrium	89-2	4059596	4071155	4030567	4053773	0.52	cps

LB Number :	LB100928	Operator :	Jaswal
Lab Sample ID :	PB117247BL	Instrumnet Name :	P7
Client Sample ID :	PB117247BL	Dilution Factor :	1
Date & Time Acquired ::	2019-02-20 15:35:57	DataFile Name :	025CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zinc	66-2	573	623	593	597	4.22	cps
Zirconium	90-1	2800	2934	2417	2717	9.87	cps
Zirconium	91-1	542	600	583	575	5.23	cps

LB Number :	LB100928	Operator :	Jaswal
Lab Sample ID :	PB117247BS	Instrumnet Name :	P7
Client Sample ID :	PB117247BS	Dilution Factor :	1
Date & Time Acquired ::	2019-02-20 15:39:34	DataFile Name :	026LCS6.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	3869842	3872356	3933890	3892029	0.93	cps
Antimony	121-1	10060902	10064431	10188531	10104621	0.72	cps
Arsenic	75-2	588088	585992	593371	589151	0.65	cps
Barium	135-1	12727706	12742200	12782822	12750909	0.22	cps
Barium	137-1	22208174	22536917	22461829	22402307	0.77	cps
Beryllium	9-1	2895471	2895290	2871319	2887360	0.48	cps
Bismuth	209-1	13434491	13507011	13564490	13501997	0.48	cps
Bismuth	209-2	10202498	10282503	10324323	10269775	0.60	cps
Boron	10-1	593264	602251	615380	603632	1.84	cps
Boron	11-1	2860538	2944138	2988792	2931156	2.22	cps
Cadmium	111-1	3275308	3331515	3312199	3306341	0.86	cps
Cadmium	106-1	394417	387940	390631	390996	0.83	cps
Cadmium	108-1	260097	260879	264334	261770	0.86	cps
Calcium	43-1	3860691	3907894	3903439	3890675	0.67	cps
Calcium	44-1	58725972	58218272	58469116	58471120	0.43	cps
Chromium	52-2	5340068	5257443	5244560	5280690	0.98	cps
Cobalt	59-2	8520233	8534109	8540076	8531473	0.12	cps
Copper	63-2	11821727	11810326	11849013	11827022	0.17	cps
Dysprosium	156-1	225	267	317	269	17.03	cps
Dysprosium	156-2	240	293	303	279	12.21	cps
Erbium	164-1	50	92	92	78	30.93	cps
Erbium	164-2	57	80	63	67	18.03	cps
Gadolinium	160-1	375	317	283	325	14.28	cps
Gadolinium	160-2	453	487	460	467	3.78	cps
Holmium	165-1	22034815	22014235	22337096	22128715	0.82	cps
Holmium	165-2	14722323	14793173	14891834	14802443	0.58	cps
Indium	115-1	18085813	18025234	17943309	18018119	0.40	cps
Indium	115-2	4998032	5043283	5008574	5016630	0.47	cps
Iron	56-2	232346083	233471883	233365083	233061016	0.27	cps
Iron	57-2	5827062	5795876	5841473	5821470	0.40	cps
Krypton	83-1	1757	2044	1760	1853	8.88	cps
Lead	206-1	8411981	8524674	8429651	8455435	0.72	cps
Lead	207-1	7605938	7628806	7643905	7626216	0.25	cps
Lead	208-1	33926916	34126701	34241094	34098237	0.47	cps
Lithium	6-1	4660362	4657568	4643572	4653834	0.19	cps
Magnesium	24-2	43769517	43218827	43360321	43449555	0.66	cps

LB Number :	LB100928	Operator :	Jaswal
Lab Sample ID :	PB117247BS	Instrumnet Name :	P7
Client Sample ID :	PB117247BS	Dilution Factor :	1
Date & Time Acquired ::	2019-02-20 15:39:34	DataFile Name :	026LCS6.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	6771936	6794612	6749312	6771953	0.33	cps
Molybdenum	94-1	24052680	24119467	24567243	24246463	1.15	cps
Molybdenum	95-1	30954426	30684962	30915201	30851530	0.47	cps
Molybdenum	96-1	34089414	34056121	34019857	34055131	0.10	cps
Molybdenum	97-1	18977469	19049176	19090753	19039133	0.30	cps
Molybdenum	98-1	49408230	49447812	49442790	49432944	0.04	cps
Neodymium	150-1	1140	1047	1060	1082	4.66	cps
Neodymium	150-2	137	157	157	150	7.70	cps
Nickel	60-2	2193000	2198618	2215811	2202476	0.54	cps
Phosphorus	31-2	252340	253635	250371	252115	0.65	cps
Potassium	39-2	21717633	21784618	21563429	21688560	0.52	cps
Rhodium	103-1	17266500	17155815	17395871	17272729	0.70	cps
Rhodium	103-2	10487833	10532882	10562892	10527869	0.36	cps
Scandium	45-1	12614741	12502198	12362466	12493135	1.01	cps
Scandium	45-2	827447	833662	828575	829894	0.40	cps
Selenium	77-2	19543	19510	19346	19467	0.54	cps
Selenium	78-2	65936	65368	65108	65471	0.65	cps
Selenium	82-1	278208	280309	281526	280014	0.60	cps
Silicon	28-1	8069035	8074715	7981123	8041625	0.65	cps
Silver	109-1	15503381	15436259	15578949	15506196	0.46	cps
Silver	107-1	16275468	16404227	16421412	16367036	0.49	cps
Sodium	23-2	81420531	81875829	82197791	81831384	0.48	cps
Strontium	86-1	4373841	4308972	4324454	4335756	0.78	cps
Strontium	88-1	37707246	37538402	37662736	37636128	0.23	cps
Sulfur	34-1	2306669	2271070	2278958	2285566	0.82	cps
Terbium	159-1	22758675	22706251	23008634	22824520	0.71	cps
Terbium	159-2	14620439	14832905	14759126	14737490	0.73	cps
Thallium	203-1	10540612	10617775	10659778	10606055	0.57	cps
Thallium	205-1	25196200	24856128	25174401	25075576	0.76	cps
Thorium	232-1	34831845	34674867	34862970	34789894	0.29	cps
Tin	118-1	9447389	9478076	9483433	9469633	0.21	cps
Titanium	47-1	9081084	8966327	9039682	9029031	0.64	cps
Uranium	238-1	32701059	32845202	33138059	32894773	0.68	cps
Vanadium	51-2	4195942	4163992	4157011	4172315	0.50	cps
Yttrium	89-1	19223868	19132548	19236040	19197485	0.29	cps
Yttrium	89-2	3923362	3970891	3937957	3944070	0.62	cps

LB Number :	LB100928	Operator :	Jaswal
Lab Sample ID :	PB117247BS	Instrumnet Name :	P7
Client Sample ID :	PB117247BS	Dilution Factor :	1
Date & Time Acquired ::	2019-02-20 15:39:34	DataFile Name :	026LCS6.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zinc	66-2	1892202	1901679	1910491	1901457	0.48	cps
Zirconium	90-1	19003149	19105873	18687847	18932290	1.15	cps
Zirconium	91-1	4146485	4199588	4315417	4220497	2.05	cps

LB Number :	LB100928	Operator :	Jaswal
Lab Sample ID :	K1281-01	Instrumnet Name :	P7
Client Sample ID :	SB-16(35.5-36)	Dilution Factor :	1
Date & Time Acquired ::	2019-02-20 15:43:13	DataFile Name :	027SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	46400504	46721801	46664044	46595450	0.37	cps
Antimony	121-1	6427	7177	7286	6963	6.72	cps
Arsenic	75-2	209794	206386	207257	207812	0.85	cps
Barium	135-1	5884373	5808890	5942049	5878437	1.14	cps
Barium	137-1	10249384	10241479	10216434	10235765	0.17	cps
Beryllium	9-1	50761	51330	52196	51429	1.40	cps
Bismuth	209-1	12457799	12546214	12387042	12463685	0.64	cps
Bismuth	209-2	9858408	9803239	9995381	9885676	1.00	cps
Boron	10-1	84092	83431	84302	83942	0.54	cps
Boron	11-1	414124	424700	409780	416201	1.84	cps
Cadmium	111-1	30450	31475	29819	30582	2.73	cps
Cadmium	106-1	35512	36014	34385	35303	2.36	cps
Cadmium	108-1	4951	5030	5034	5005	0.94	cps
Calcium	43-1	1362179	1366053	1383505	1370579	0.83	cps
Calcium	44-1	21067742	21120848	21093335	21093975	0.13	cps
Chromium	52-2	2384233	2399445	2406434	2396704	0.47	cps
Cobalt	59-2	3122089	3122457	3138111	3127552	0.29	cps
Copper	63-2	1378197	1370090	1368337	1372208	0.38	cps
Dysprosium	156-1	660752	663338	672431	665507	0.92	cps
Dysprosium	156-2	442132	439907	444498	442179	0.52	cps
Erbium	164-1	580898	582322	575160	579460	0.65	cps
Erbium	164-2	384073	382781	384928	383927	0.28	cps
Gadolinium	160-1	652631	661650	661562	658614	0.79	cps
Gadolinium	160-2	480617	478941	478616	479391	0.22	cps
Holmium	165-1	21424022	21194630	21120924	21246525	0.74	cps
Holmium	165-2	14728332	14704995	14968727	14800685	0.99	cps
Indium	115-1	17361280	17429965	17255588	17348944	0.51	cps
Indium	115-2	4983185	4960276	5090042	5011168	1.38	cps
Iron	56-2	2851308153	2842802375	2852032064	2848714197	0.18	cps
Iron	57-2	69966438	70699374	70504061	70389958	0.54	cps
Krypton	83-1	2850	2927	2940	2906	1.67	cps
Lead	206-1	1334850	1355774	1336910	1342511	0.86	cps
Lead	207-1	1079557	1089184	1083952	1084231	0.44	cps
Lead	208-1	5154002	5179898	5175379	5169760	0.27	cps
Lithium	6-1	5038161	5030216	4998625	5022334	0.42	cps
Magnesium	24-2	63273866	63916431	63215766	63468688	0.61	cps

LB Number :	LB100928	Operator :	Jaswal
Lab Sample ID :	K1281-01	Instrumnet Name :	P7
Client Sample ID :	SB-16(35.5-36)	Dilution Factor :	1
Date & Time Acquired ::	2019-02-20 15:43:13	DataFile Name :	027SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	60684174	61505766	60964769	61051570	0.68	cps
Molybdenum	94-1	1011593	1029652	1032436	1024560	1.10	cps
Molybdenum	95-1	80142	81399	83822	81788	2.29	cps
Molybdenum	96-1	267200	271700	272970	270624	1.12	cps
Molybdenum	97-1	48241	49855	51904	50000	3.67	cps
Molybdenum	98-1	127021	129040	129520	128527	1.03	cps
Neodymium	150-1	580789	585899	593083	586590	1.05	cps
Neodymium	150-2	309790	314418	315134	313114	0.93	cps
Nickel	60-2	1557724	1562305	1571306	1563778	0.44	cps
Phosphorus	31-2	49274	51047	50671	50331	1.86	cps
Potassium	39-2	23708682	23815905	23865159	23796582	0.34	cps
Rhodium	103-1	16551093	16733555	16692275	16658974	0.57	cps
Rhodium	103-2	10210928	10202169	10315041	10242713	0.61	cps
Scandium	45-1	14066442	13986974	14114159	14055858	0.46	cps
Scandium	45-2	943381	946020	960439	949947	0.97	cps
Selenium	77-2	2600	2450	2477	2509	3.19	cps
Selenium	78-2	2095	2115	2163	2124	1.66	cps
Selenium	82-1	1865	1918	1691	1825	6.51	cps
Silicon	28-1	13328176	17105747	13576476	14670133	14.40	cps
Silver	109-1	5501	5801	5660	5654	2.66	cps
Silver	107-1	8870	9770	9045	9228	5.17	cps
Sodium	23-2	3397881	3378099	3351619	3375866	0.69	cps
Strontium	86-1	1940970	1888698	1912040	1913903	1.37	cps
Strontium	88-1	16824865	16754998	16715664	16765176	0.33	cps
Sulfur	34-1	759827	777025	772399	769750	1.16	cps
Terbium	159-1	22008014	22385339	22069893	22154415	0.91	cps
Terbium	159-2	14667747	14604605	14798058	14690137	0.67	cps
Thallium	203-1	55266	55685	56512	55821	1.14	cps
Thallium	205-1	136034	137245	136463	136581	0.45	cps
Thorium	232-1	3587450	3596201	3611184	3598279	0.33	cps
Tin	118-1	24288	23821	26008	24706	4.66	cps
Titanium	47-1	2218807	2173425	2205938	2199390	1.06	cps
Uranium	238-1	673694	666759	675938	672130	0.71	cps
Vanadium	51-2	7672894	7559792	7625419	7619368	0.75	cps
Yttrium	89-1	26082670	26227792	26099704	26136722	0.30	cps
Yttrium	89-2	5524144	5508791	5517957	5516964	0.14	cps

LB Number :	LB100928	Operator :	Jaswal
Lab Sample ID :	K1281-01	Instrumnet Name :	P7
Client Sample ID :	SB-16(35.5-36)	Dilution Factor :	1
Date & Time Acquired ::	2019-02-20 15:43:13	DataFile Name :	027SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zinc	66-2	1393962	1390124	1408781	1397622	0.70	cps
Zirconium	90-1	2639674	2698787	2705067	2681176	1.35	cps
Zirconium	91-1	597844	599469	615339	604217	1.60	cps

LB Number :	LB100928	Operator :	Jaswal
Lab Sample ID :	K1281-02	Instrumnet Name :	P7
Client Sample ID :	SB-15(33.5-34)	Dilution Factor :	1
Date & Time Acquired ::	2019-02-20 15:46:53	DataFile Name :	028SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	42032992	41078666	40991762	41367806	1.40	cps
Antimony	121-1	2042	1975	1967	1995	2.06	cps
Arsenic	75-2	34599	34658	34253	34503	0.63	cps
Barium	135-1	4621143	4719061	4716819	4685674	1.19	cps
Barium	137-1	8102781	8124684	8183863	8137109	0.52	cps
Beryllium	9-1	41684	42707	43389	42593	2.01	cps
Bismuth	209-1	13129709	13013914	13148391	13097338	0.56	cps
Bismuth	209-2	10146222	10921209	10726037	10597823	3.80	cps
Boron	10-1	51940	52961	52710	52537	1.01	cps
Boron	11-1	261033	257522	264163	260906	1.27	cps
Cadmium	111-1	24330	23990	24287	24203	0.76	cps
Cadmium	106-1	33708	33524	33558	33597	0.29	cps
Cadmium	108-1	5005	4955	5005	4988	0.58	cps
Calcium	43-1	1082056	1071374	1070695	1074709	0.59	cps
Calcium	44-1	16598510	16414806	16573837	16529051	0.60	cps
Chromium	52-2	2321444	2317564	2314895	2317968	0.14	cps
Cobalt	59-2	2245567	2239596	2232540	2239234	0.29	cps
Copper	63-2	1468388	1476829	1467539	1470918	0.35	cps
Dysprosium	156-1	631782	635795	638349	635309	0.52	cps
Dysprosium	156-2	426346	426536	423486	425456	0.40	cps
Erbium	164-1	535777	534680	540731	537062	0.60	cps
Erbium	164-2	348316	348609	349005	348644	0.10	cps
Gadolinium	160-1	631627	642679	640608	638304	0.92	cps
Gadolinium	160-2	458064	463020	456375	459153	0.75	cps
Holmium	165-1	22115740	22375207	22249325	22246757	0.58	cps
Holmium	165-2	15060159	16037936	15804129	15634075	3.27	cps
Indium	115-1	17903606	18131117	17995637	18010120	0.64	cps
Indium	115-2	5045529	5458951	5390287	5298256	4.18	cps
Iron	56-2	1755508661	1719209861	1738409728	1737709417	1.05	cps
Iron	57-2	43124044	43185519	43008052	43105872	0.21	cps
Krypton	83-1	2827	2844	2764	2811	1.50	cps
Lead	206-1	1484459	1495745	1502115	1494106	0.60	cps
Lead	207-1	1216029	1227153	1233200	1225461	0.71	cps
Lead	208-1	5764317	5791575	5835615	5797169	0.62	cps
Lithium	6-1	5080087	5106838	5147285	5111404	0.66	cps
Magnesium	24-2	57905583	57512008	57708972	57708854	0.34	cps

LB Number :	LB100928	Operator :	Jaswal
Lab Sample ID :	K1281-02	Instrumnet Name :	P7
Client Sample ID :	SB-15(33.5-34)	Dilution Factor :	1
Date & Time Acquired ::	2019-02-20 15:46:53	DataFile Name :	028SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	47138356	47095028	47222071	47151818	0.14	cps
Molybdenum	94-1	1049112	1052466	1053796	1051791	0.23	cps
Molybdenum	95-1	69864	70434	68491	69596	1.44	cps
Molybdenum	96-1	253443	258927	255190	255853	1.09	cps
Molybdenum	97-1	44127	43492	43058	43559	1.23	cps
Molybdenum	98-1	111704	108832	112374	110970	1.70	cps
Neodymium	150-1	620574	626416	625119	624037	0.49	cps
Neodymium	150-2	333133	333453	329866	332151	0.60	cps
Nickel	60-2	1326069	1323723	1320287	1323360	0.22	cps
Phosphorus	31-2	69086	68534	68718	68779	0.41	cps
Potassium	39-2	17300576	17352385	17133498	17262153	0.66	cps
Rhodium	103-1	16969998	17306630	17291930	17189519	1.11	cps
Rhodium	103-2	10539585	11428096	11152801	11040161	4.12	cps
Scandium	45-1	14324795	14336883	14445421	14369033	0.46	cps
Scandium	45-2	950167	1018217	994145	987510	3.49	cps
Selenium	77-2	2594	2474	2444	2504	3.17	cps
Selenium	78-2	1987	2126	2059	2058	3.38	cps
Selenium	82-1	1616	1483	1688	1595	6.51	cps
Silicon	28-1	5960399	6074533	6255338	6096756	2.44	cps
Silver	109-1	1925	1984	1750	1886	6.44	cps
Silver	107-1	5143	5201	5160	5168	0.58	cps
Sodium	23-2	3669649	3656403	3633028	3653027	0.51	cps
Strontium	86-1	1140699	1132698	1152631	1142009	0.88	cps
Strontium	88-1	9984069	10103768	9999310	10029049	0.65	cps
Sulfur	34-1	749667	745165	738621	744484	0.75	cps
Terbium	159-1	22763240	23019429	23090724	22957797	0.75	cps
Terbium	159-2	15034077	16086722	15939581	15686793	3.63	cps
Thallium	203-1	33811	34412	34153	34126	0.88	cps
Thallium	205-1	81927	81190	82625	81914	0.88	cps
Thorium	232-1	2905130	2906228	2951226	2920861	0.90	cps
Tin	118-1	42415	40877	41579	41624	1.85	cps
Titanium	47-1	2844003	2843079	2867701	2851594	0.49	cps
Uranium	238-1	516359	519835	517754	517983	0.34	cps
Vanadium	51-2	2412786	2431243	2434565	2426198	0.48	cps
Yttrium	89-1	25740908	26073750	25721350	25845336	0.77	cps
Yttrium	89-2	5321214	5638526	5611164	5523634	3.18	cps

LB Number :	LB100928	Operator :	Jaswal
Lab Sample ID :	K1281-02	Instrumnet Name :	P7
Client Sample ID :	SB-15(33.5-34)	Dilution Factor :	1
Date & Time Acquired ::	2019-02-20 15:46:53	DataFile Name :	028SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zinc	66-2	1352680	1353809	1355001	1353830	0.09	cps
Zirconium	90-1	2777083	2797585	2803372	2792680	0.49	cps
Zirconium	91-1	623243	621436	620630	621770	0.22	cps

LB Number :	LB100928	Operator :	Jaswal
Lab Sample ID :	K1308-01RE	Instrumnet Name :	P7
Client Sample ID :	SB-17(34.2-34.8)RE	Dilution Factor :	1
Date & Time Acquired ::	2019-02-20 15:50:31	DataFile Name :	029SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	6091738	6011756	6228280	6110592	1.79	cps
Antimony	121-1	1092	1175	1342	1203	10.58	cps
Arsenic	75-2	19899	19921	20151	19990	0.70	cps
Barium	135-1	931441	937344	934958	934581	0.32	cps
Barium	137-1	1637177	1621573	1647010	1635253	0.78	cps
Beryllium	9-1	11431	11394	11391	11406	0.19	cps
Bismuth	209-1	14291246	14024902	14137158	14151102	0.94	cps
Bismuth	209-2	11303054	11312287	11401843	11339061	0.48	cps
Boron	10-1	16484	15726	15725	15978	2.74	cps
Boron	11-1	79526	80507	79720	79918	0.65	cps
Cadmium	111-1	14694	14311	14185	14397	1.84	cps
Cadmium	106-1	19923	19606	19247	19592	1.73	cps
Cadmium	108-1	771	942	817	843	10.49	cps
Calcium	43-1	213617	212231	215570	213806	0.78	cps
Calcium	44-1	3609489	3600853	3654377	3621573	0.79	cps
Chromium	52-2	419649	416578	421356	419194	0.58	cps
Cobalt	59-2	576646	568311	572919	572625	0.73	cps
Copper	63-2	267750	271091	269419	269420	0.62	cps
Dysprosium	156-1	135248	137209	136527	136328	0.73	cps
Dysprosium	156-2	82537	81547	82965	82350	0.88	cps
Erbium	164-1	88998	91372	90895	90422	1.39	cps
Erbium	164-2	57514	56945	58535	57665	1.40	cps
Gadolinium	160-1	106238	105673	105616	105843	0.32	cps
Gadolinium	160-2	74877	75869	75336	75361	0.66	cps
Holmium	165-1	22391180	22424844	22533115	22449713	0.33	cps
Holmium	165-2	15639470	15596921	15768516	15668303	0.57	cps
Indium	115-1	18799120	18805134	18814935	18806397	0.04	cps
Indium	115-2	5489175	5510884	5562611	5520890	0.68	cps
Iron	56-2	403147720	408803731	408512498	406821317	0.78	cps
Iron	57-2	10167861	10003349	9991544	10054251	0.98	cps
Krypton	83-1	1954	1984	1990	1976	0.99	cps
Lead	206-1	281892	281244	281754	281630	0.12	cps
Lead	207-1	230420	232702	229339	230820	0.74	cps
Lead	208-1	1095507	1088374	1086801	1090227	0.43	cps
Lithium	6-1	4874023	4848207	4903130	4875120	0.56	cps
Magnesium	24-2	10240571	10161211	10294594	10232125	0.66	cps

LB Number :	LB100928	Operator :	Jaswal
Lab Sample ID :	K1308-01RE	Instrumnet Name :	P7
Client Sample ID :	SB-17(34.2-34.8)RE	Dilution Factor :	1
Date & Time Acquired ::	2019-02-20 15:50:31	DataFile Name :	029SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	11979816	11962311	11841883	11928004	0.63	cps
Molybdenum	94-1	166522	167246	169521	167763	0.93	cps
Molybdenum	95-1	6735	6310	7219	6755	6.73	cps
Molybdenum	96-1	39723	39573	39397	39564	0.41	cps
Molybdenum	97-1	4618	4634	4459	4570	2.11	cps
Molybdenum	98-1	11038	11538	10663	11080	3.97	cps
Neodymium	150-1	199419	199374	201621	200138	0.64	cps
Neodymium	150-2	104778	104627	106038	105148	0.74	cps
Nickel	60-2	234830	235611	233792	234744	0.39	cps
Phosphorus	31-2	19205	19038	18295	18846	2.57	cps
Potassium	39-2	2154964	2163722	2184958	2167881	0.71	cps
Rhodium	103-1	18454607	18351685	18510997	18439096	0.44	cps
Rhodium	103-2	11643259	11671192	11668079	11660843	0.13	cps
Scandium	45-1	13012735	13125115	13206377	13114742	0.74	cps
Scandium	45-2	907343	900423	912651	906806	0.68	cps
Selenium	77-2	517	513	567	532	5.61	cps
Selenium	78-2	639	600	544	594	7.99	cps
Selenium	82-1	690	720	574	662	11.66	cps
Silicon	28-1	2984238	2312555	2895729	2730841	13.36	cps
Silver	109-1	658	825	717	733	11.53	cps
Silver	107-1	1408	1400	1408	1406	0.34	cps
Sodium	23-2	1071743	1060119	1069654	1067172	0.58	cps
Strontium	86-1	191943	189336	191667	190982	0.75	cps
Strontium	88-1	1667208	1630008	1651157	1649458	1.13	cps
Sulfur	34-1	711044	714115	711844	712334	0.22	cps
Terbium	159-1	23303455	23100116	23280786	23228119	0.48	cps
Terbium	159-2	15579602	15668733	15742243	15663526	0.52	cps
Thallium	203-1	5410	5802	5693	5635	3.59	cps
Thallium	205-1	13274	13733	14033	13680	2.80	cps
Thorium	232-1	535351	528113	527771	530412	0.81	cps
Tin	118-1	6944	6585	6644	6724	2.86	cps
Titanium	47-1	599405	606073	605800	603759	0.62	cps
Uranium	238-1	113041	110764	111601	111802	1.03	cps
Vanadium	51-2	605677	609809	615656	610380	0.82	cps
Yttrium	89-1	21211022	20961101	20900090	21024071	0.78	cps
Yttrium	89-2	4436850	4488358	4478164	4467791	0.61	cps

LB Number :	LB100928	Operator :	Jaswal
Lab Sample ID :	K1308-01RE	Instrumnet Name :	P7
Client Sample ID :	SB-17(34.2-34.8)RE	Dilution Factor :	1
Date & Time Acquired ::	2019-02-20 15:50:31	DataFile Name :	029SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zinc	66-2	277636	280384	282512	280177	0.87	cps
Zirconium	90-1	458833	457109	454624	456855	0.46	cps
Zirconium	91-1	101972	100764	101316	101350	0.60	cps

LB Number :	LB100928	Operator :	Jaswal
Lab Sample ID :	K1308-01DUPRE	Instrumnet Name :	P7
Client Sample ID :	SB-17(34.2-34.8)DUP	Dilution Factor :	1
Date & Time Acquired ::	2019-02-20 15:54:08	DataFile Name :	030SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	16047731	15980997	15753552	15927427	0.97	cps
Antimony	121-1	1534	1442	1525	1500	3.38	cps
Arsenic	75-2	49859	50621	49571	50017	1.08	cps
Barium	135-1	2400496	2440535	2406931	2415988	0.89	cps
Barium	137-1	4207267	4200983	4261272	4223174	0.78	cps
Beryllium	9-1	28828	28641	28450	28639	0.66	cps
Bismuth	209-1	13524794	13566531	13481452	13524259	0.31	cps
Bismuth	209-2	10547966	10591492	10498171	10545876	0.44	cps
Boron	10-1	27176	26608	27150	26978	1.19	cps
Boron	11-1	127098	127236	132521	128951	2.40	cps
Cadmium	111-1	18608	18270	18684	18521	1.19	cps
Cadmium	106-1	24146	24205	24464	24272	0.70	cps
Cadmium	108-1	2088	2213	2171	2157	2.95	cps
Calcium	43-1	534362	546957	545832	542384	1.29	cps
Calcium	44-1	8528278	8449729	8539457	8505822	0.57	cps
Chromium	52-2	1071458	1075107	1077711	1074759	0.29	cps
Cobalt	59-2	1462138	1481192	1462991	1468773	0.73	cps
Copper	63-2	667564	681342	677393	675433	1.05	cps
Dysprosium	156-1	348834	348798	349572	349068	0.13	cps
Dysprosium	156-2	213629	216382	216063	215358	0.70	cps
Erbium	164-1	231433	235430	232453	233105	0.89	cps
Erbium	164-2	152323	153239	152035	152532	0.41	cps
Gadolinium	160-1	269724	281312	274214	275083	2.12	cps
Gadolinium	160-2	195948	194903	196166	195672	0.34	cps
Holmium	165-1	22036990	22207130	21818259	22020793	0.89	cps
Holmium	165-2	14943492	15046663	15041356	15010503	0.39	cps
Indium	115-1	18046164	18142585	18137319	18108690	0.30	cps
Indium	115-2	5086257	5128890	5113582	5109577	0.42	cps
Iron	56-2	1032880223	1055512624	1051405801	1046599549	1.15	cps
Iron	57-2	26088078	26290355	25929670	26102701	0.69	cps
Krypton	83-1	2337	2224	2237	2266	2.73	cps
Lead	206-1	717785	726563	723525	722624	0.62	cps
Lead	207-1	583892	597335	597196	592808	1.30	cps
Lead	208-1	2759645	2803933	2794118	2785899	0.83	cps
Lithium	6-1	4850879	4917646	4860294	4876273	0.74	cps
Magnesium	24-2	26505830	26505746	26487237	26499604	0.04	cps

LB Number :	LB100928	Operator :	Jaswal
Lab Sample ID :	K1308-01DUPRE	Instrumnet Name :	P7
Client Sample ID :	SB-17(34.2-34.8)DUP	Dilution Factor :	1
Date & Time Acquired ::	2019-02-20 15:54:08	DataFile Name :	030SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	30649190	31169316	30915380	30911296	0.84	cps
Molybdenum	94-1	436124	444484	438987	439865	0.97	cps
Molybdenum	95-1	16902	17078	17036	17005	0.54	cps
Molybdenum	96-1	96694	97441	99807	97981	1.66	cps
Molybdenum	97-1	9996	11055	11138	10729	5.94	cps
Molybdenum	98-1	26559	27494	26501	26851	2.08	cps
Neodymium	150-1	511247	517239	514704	514396	0.58	cps
Neodymium	150-2	271468	273865	274149	273161	0.54	cps
Nickel	60-2	592401	593106	594152	593220	0.15	cps
Phosphorus	31-2	47427	45905	46482	46605	1.65	cps
Potassium	39-2	5641775	5658763	5634615	5645051	0.22	cps
Rhodium	103-1	17282604	17553019	17711109	17515577	1.24	cps
Rhodium	103-2	10636899	10766687	10777524	10727037	0.73	cps
Scandium	45-1	13013773	13303238	13387345	13234785	1.48	cps
Scandium	45-2	866220	869765	875309	870432	0.53	cps
Selenium	77-2	1327	1467	1373	1389	5.13	cps
Selenium	78-2	1178	1265	1202	1215	3.70	cps
Selenium	82-1	808	982	888	893	9.75	cps
Silicon	28-1	4163764	3804468	3892735	3953656	4.74	cps
Silver	109-1	1358	1308	1475	1381	6.20	cps
Silver	107-1	3301	3034	2634	2989	11.23	cps
Sodium	23-2	2128335	2128622	2097127	2118028	0.85	cps
Strontium	86-1	473710	488797	477933	480146	1.62	cps
Strontium	88-1	4170125	4272497	4312803	4251808	1.73	cps
Sulfur	34-1	711006	715816	725385	717402	1.02	cps
Terbium	159-1	22637746	22567989	22853438	22686391	0.66	cps
Terbium	159-2	14641981	14991599	14820874	14818151	1.18	cps
Thallium	203-1	12748	13582	13040	13124	3.22	cps
Thallium	205-1	30829	31589	31631	31349	1.44	cps
Thorium	232-1	1403354	1418004	1435927	1419095	1.15	cps
Tin	118-1	14775	14416	14116	14436	2.29	cps
Titanium	47-1	1505096	1519195	1512034	1512108	0.47	cps
Uranium	238-1	294538	294919	289702	293053	0.99	cps
Vanadium	51-2	1595584	1597251	1586840	1593225	0.35	cps
Yttrium	89-1	21848146	21948427	22135520	21977364	0.66	cps
Yttrium	89-2	4533918	4591812	4591471	4572400	0.73	cps

LB Number :	LB100928	Operator :	Jaswal
Lab Sample ID :	K1308-01DUPRE	Instrumnet Name :	P7
Client Sample ID :	SB-17(34.2-34.8)DUP	Dilution Factor :	1
Date & Time Acquired ::	2019-02-20 15:54:08	DataFile Name :	030SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zinc	66-2	691955	701309	695206	696157	0.68	cps
Zirconium	90-1	1197532	1202675	1188879	1196362	0.58	cps
Zirconium	91-1	264627	265507	267515	265883	0.56	cps

LB Number :	LB100928	Operator :	Jaswal
Lab Sample ID :	K1308-01LREX5	Instrumnet Name :	P7
Client Sample ID :	SB-17(34.2-34.8)L	Dilution Factor :	5
Date & Time Acquired ::	2019-02-20 15:57:46	DataFile Name :	031SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	1219318	1209055	1210061	1212811	0.47	cps
Antimony	121-1	392	333	442	389	13.94	cps
Arsenic	75-2	3932	3930	3880	3914	0.75	cps
Barium	135-1	185491	186921	184978	185797	0.54	cps
Barium	137-1	322160	324599	320890	322550	0.58	cps
Beryllium	9-1	2564	2444	2487	2498	2.43	cps
Bismuth	209-1	14232856	14073968	14333008	14213277	0.92	cps
Bismuth	209-2	10983515	10974838	10983481	10980611	0.05	cps
Boron	10-1	6310	6485	6535	6443	1.83	cps
Boron	11-1	31334	31116	30916	31122	0.67	cps
Cadmium	111-1	11619	11667	11637	11641	0.21	cps
Cadmium	106-1	16402	16535	16393	16444	0.48	cps
Cadmium	108-1	196	196	163	185	10.42	cps
Calcium	43-1	42729	43775	43181	43228	1.21	cps
Calcium	44-1	871367	862542	859395	864435	0.72	cps
Chromium	52-2	88082	88229	86643	87651	1.00	cps
Cobalt	59-2	115195	115773	115642	115537	0.26	cps
Copper	63-2	56168	56208	57191	56522	1.03	cps
Dysprosium	156-1	26936	26936	26460	26777	1.03	cps
Dysprosium	156-2	16256	16874	16093	16408	2.51	cps
Erbium	164-1	17378	18079	18004	17821	2.16	cps
Erbium	164-2	11558	11642	11885	11695	1.45	cps
Gadolinium	160-1	21551	21526	21618	21565	0.22	cps
Gadolinium	160-2	15893	14905	15265	15354	3.26	cps
Holmium	165-1	21774171	21946250	22085967	21935463	0.71	cps
Holmium	165-2	14838319	14750441	14785083	14791281	0.30	cps
Indium	115-1	18550412	18632249	18898069	18693577	0.97	cps
Indium	115-2	5207175	5203698	5284714	5231862	0.88	cps
Iron	56-2	81721060	80227080	80259899	80736013	1.06	cps
Iron	57-2	1979546	1986493	1983662	1983234	0.18	cps
Krypton	83-1	1977	1917	1947	1947	1.54	cps
Lead	206-1	58217	57681	56716	57538	1.32	cps
Lead	207-1	46041	46649	47775	46822	1.88	cps
Lead	208-1	220369	221028	221222	220873	0.20	cps
Lithium	6-1	4774562	4809161	4825104	4802942	0.54	cps
Magnesium	24-2	2042016	2020519	2015755	2026097	0.69	cps

LB Number :	LB100928	Operator :	Jaswal
Lab Sample ID :	K1308-01LREX5	Instrumnet Name :	P7
Client Sample ID :	SB-17(34.2-34.8)L	Dilution Factor :	5
Date & Time Acquired ::	2019-02-20 15:57:46	DataFile Name :	031SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	2354918	2360816	2350094	2355276	0.23	cps
Molybdenum	94-1	33557	33189	34217	33655	1.55	cps
Molybdenum	95-1	1567	1759	1450	1592	9.78	cps
Molybdenum	96-1	8011	7978	8194	8061	1.45	cps
Molybdenum	97-1	1017	950	1058	1008	5.42	cps
Molybdenum	98-1	2534	2667	2700	2634	3.35	cps
Neodymium	150-1	39665	39631	38375	39223	1.87	cps
Neodymium	150-2	20345	21257	21500	21034	2.89	cps
Nickel	60-2	47189	47554	48116	47620	0.98	cps
Phosphorus	31-2	3976	4309	3876	4053	5.60	cps
Potassium	39-2	478801	480806	484157	481255	0.56	cps
Rhodium	103-1	18179907	18109346	18192620	18160624	0.25	cps
Rhodium	103-2	11227614	11134688	11124352	11162218	0.51	cps
Scandium	45-1	12624956	12525066	12693444	12614489	0.67	cps
Scandium	45-2	835430	845838	839821	840363	0.62	cps
Selenium	77-2	103	80	120	101	19.87	cps
Selenium	78-2	322	313	363	333	7.99	cps
Selenium	82-1	247	353	352	317	19.20	cps
Silicon	28-1	1140018	1135316	1066841	1114059	3.68	cps
Silver	109-1	325	200	233	253	25.61	cps
Silver	107-1	508	550	625	561	10.54	cps
Sodium	23-2	254197	253390	257016	254867	0.75	cps
Strontium	86-1	40366	39597	39890	39951	0.97	cps
Strontium	88-1	328498	325913	324519	326310	0.62	cps
Sulfur	34-1	677608	672989	671512	674036	0.47	cps
Terbium	159-1	22853590	22549881	23030627	22811366	1.07	cps
Terbium	159-2	14863759	14988570	14825266	14892532	0.57	cps
Thallium	203-1	1792	1942	1750	1828	5.52	cps
Thallium	205-1	4009	4209	4359	4193	4.19	cps
Thorium	232-1	108912	106861	107450	107741	0.98	cps
Tin	118-1	1992	1967	2384	2114	11.06	cps
Titanium	47-1	121380	120104	120373	120619	0.56	cps
Uranium	238-1	21995	22178	22570	22248	1.32	cps
Vanadium	51-2	119192	120242	119412	119615	0.46	cps
Yttrium	89-1	19548987	19580713	19717988	19615896	0.46	cps
Yttrium	89-2	4025183	4094021	4015745	4044983	1.06	cps

LB Number :	LB100928	Operator :	Jaswal
Lab Sample ID :	K1308-01LREX5	Instrumnet Name :	P7
Client Sample ID :	SB-17(34.2-34.8)L	Dilution Factor :	5
Date & Time Acquired ::	2019-02-20 15:57:46	DataFile Name :	031SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zinc	66-2	56509	56924	57851	57095	1.20	cps
Zirconium	90-1	92163	92405	93177	92582	0.57	cps
Zirconium	91-1	20298	19581	20198	20026	1.94	cps

LB Number :	LB100928	Operator :	Jaswal
Lab Sample ID :	K1308-01MS	Instrumnet Name :	P7
Client Sample ID :	SB-17(34.2-34.8)MS	Dilution Factor :	1
Date & Time Acquired ::	2019-02-20 16:01:22	DataFile Name :	032SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	24116638	23734502	23964336	23938492	0.80	cps
Antimony	121-1	3470682	3516286	3515030	3500666	0.74	cps
Arsenic	75-2	508527	507747	509834	508703	0.21	cps
Barium	135-1	14049317	14165086	14255473	14156625	0.73	cps
Barium	137-1	24532010	24706613	24899226	24712616	0.74	cps
Beryllium	9-1	2599666	2605711	2603529	2602968	0.12	cps
Bismuth	209-1	12126280	12270179	12188357	12194939	0.59	cps
Bismuth	209-2	9478433	9479008	9488812	9482084	0.06	cps
Boron	10-1	552625	558702	568984	560103	1.48	cps
Boron	11-1	2696512	2742786	2805699	2748332	1.99	cps
Cadmium	111-1	2838454	2864337	2852867	2851886	0.45	cps
Cadmium	106-1	348498	354187	349921	350869	0.84	cps
Cadmium	108-1	224078	227305	229277	226887	1.16	cps
Calcium	43-1	4121592	4071361	4157256	4116736	1.05	cps
Calcium	44-1	61283322	62138053	62145697	61855691	0.80	cps
Chromium	52-2	6039182	6095593	6060775	6065183	0.47	cps
Cobalt	59-2	9498203	9575185	9575339	9549576	0.47	cps
Copper	63-2	11549951	11609845	11657516	11605771	0.46	cps
Dysprosium	156-1	336516	337688	339938	338047	0.51	cps
Dysprosium	156-2	203644	207310	208157	206370	1.16	cps
Erbium	164-1	215208	218214	214036	215819	1.00	cps
Erbium	164-2	140276	140059	140427	140254	0.13	cps
Gadolinium	160-1	257979	257037	259814	258277	0.55	cps
Gadolinium	160-2	182877	184381	186493	184584	0.98	cps
Holmium	165-1	20426325	20549235	20745004	20573521	0.78	cps
Holmium	165-2	14086417	13932576	14117415	14045469	0.70	cps
Indium	115-1	16370878	16588037	16427846	16462254	0.68	cps
Indium	115-2	4617455	4649614	4647279	4638116	0.39	cps
Iron	56-2	1156872381	1161920115	1169955182	1162915893	0.57	cps
Iron	57-2	28920632	28870384	29022310	28937775	0.27	cps
Krypton	83-1	2174	2107	2184	2155	1.93	cps
Lead	206-1	8189938	8294629	8174482	8219683	0.80	cps
Lead	207-1	7134595	7200240	7180884	7171906	0.47	cps
Lead	208-1	32370408	32828177	32622067	32606884	0.70	cps
Lithium	6-1	4571928	4582171	4582016	4578705	0.13	cps
Magnesium	24-2	69023116	68827260	69202283	69017553	0.27	cps

LB Number :	LB100928	Operator :	Jaswal
Lab Sample ID :	K1308-01MS	Instrumnet Name :	P7
Client Sample ID :	SB-17(34.2-34.8)MS	Dilution Factor :	1
Date & Time Acquired ::	2019-02-20 16:01:22	DataFile Name :	032SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	39965378	39944188	40219394	40042986	0.38	cps
Molybdenum	94-1	20241911	20450383	20151029	20281108	0.76	cps
Molybdenum	95-1	23016370	23156116	23263404	23145297	0.54	cps
Molybdenum	96-1	25768941	26379544	25759069	25969185	1.37	cps
Molybdenum	97-1	14287679	14456634	14388710	14377674	0.59	cps
Molybdenum	98-1	36657696	37381403	37402479	37147192	1.14	cps
Neodymium	150-1	489838	495835	500427	495367	1.07	cps
Neodymium	150-2	261377	262758	266008	263381	0.90	cps
Nickel	60-2	2583032	2599235	2606832	2596367	0.47	cps
Phosphorus	31-2	38634	38851	39144	38877	0.66	cps
Potassium	39-2	27355859	27396536	27067603	27273333	0.66	cps
Rhodium	103-1	15716576	15713173	15845485	15758411	0.48	cps
Rhodium	103-2	9723794	9746740	9697965	9722833	0.25	cps
Scandium	45-1	12428667	12538327	12434639	12467211	0.49	cps
Scandium	45-2	827722	826733	833823	829426	0.46	cps
Selenium	77-2	14407	14541	14264	14404	0.96	cps
Selenium	78-2	45066	45111	45085	45087	0.05	cps
Selenium	82-1	186442	186845	190471	187919	1.18	cps
Silicon	28-1	17476809	17100560	16564636	17047335	2.69	cps
Silver	109-1	13486039	13413747	13639730	13513172	0.85	cps
Silver	107-1	14056581	14029977	14184191	14090250	0.59	cps
Sodium	23-2	78757593	78141560	79324850	78741334	0.75	cps
Strontium	86-1	3973990	4034917	4005038	4004648	0.76	cps
Strontium	88-1	35153001	34973737	35039653	35055464	0.26	cps
Sulfur	34-1	712974	704748	694917	704213	1.28	cps
Terbium	159-1	21360753	21318529	21387931	21355738	0.16	cps
Terbium	159-2	13734535	13950671	13927961	13871056	0.86	cps
Thallium	203-1	9343738	9340607	9462017	9382121	0.74	cps
Thallium	205-1	22034954	22519253	22491282	22348496	1.22	cps
Thorium	232-1	1406395	1425302	1413637	1415111	0.67	cps
Tin	118-1	6209354	6364409	6358626	6310796	1.39	cps
Titanium	47-1	9155055	9135837	9220671	9170521	0.49	cps
Uranium	238-1	30893919	31145163	31136663	31058582	0.46	cps
Vanadium	51-2	5785085	5829483	5788625	5801064	0.43	cps
Yttrium	89-1	20241575	20335171	20351257	20309334	0.29	cps
Yttrium	89-2	4181384	4242777	4207276	4210479	0.73	cps

LB Number :	LB100928	Operator :	Jaswal
Lab Sample ID :	K1308-01MS	Instrumnet Name :	P7
Client Sample ID :	SB-17(34.2-34.8)MS	Dilution Factor :	1
Date & Time Acquired ::	2019-02-20 16:01:22	DataFile Name :	032SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zinc	66-2	2261893	2263513	2288763	2271389	0.66	cps
Zirconium	90-1	19691682	19495222	19614407	19600437	0.50	cps
Zirconium	91-1	4342739	4388302	4402615	4377885	0.71	cps

LB Number :	LB100928	Operator :	Jaswal
Lab Sample ID :	K1308-01MSD	Instrumnet Name :	P7
Client Sample ID :	SB-17(34.2-34.8)MSD	Dilution Factor :	1
Date & Time Acquired ::	2019-02-20 16:05:01	DataFile Name :	033SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	22496895	22655532	22933970	22695466	0.97	cps
Antimony	121-1	3722439	3700781	3782411	3735210	1.13	cps
Arsenic	75-2	517029	523184	519868	520027	0.59	cps
Barium	135-1	14219036	14046541	14481926	14249168	1.54	cps
Barium	137-1	25007173	24671542	25205283	24961333	1.08	cps
Beryllium	9-1	2595362	2638311	2641179	2624951	0.98	cps
Bismuth	209-1	12305259	12360898	12480601	12382253	0.72	cps
Bismuth	209-2	9466869	9628717	9602103	9565896	0.91	cps
Boron	10-1	573248	591541	600113	588301	2.33	cps
Boron	11-1	2810597	2906108	2917273	2877992	2.04	cps
Cadmium	111-1	2883186	2883030	2919047	2895088	0.72	cps
Cadmium	106-1	357433	357692	364061	359729	1.04	cps
Cadmium	108-1	227240	229892	233061	230064	1.27	cps
Calcium	43-1	4071624	4049979	4100972	4074192	0.63	cps
Calcium	44-1	61540189	61378778	62567660	61828876	1.04	cps
Chromium	52-2	5999322	6024759	5982250	6002110	0.36	cps
Cobalt	59-2	9437065	9645033	9522996	9535032	1.10	cps
Copper	63-2	11621610	11637413	11671027	11643350	0.22	cps
Dysprosium	156-1	313876	318765	323299	318647	1.48	cps
Dysprosium	156-2	192564	194186	195360	194037	0.72	cps
Erbium	164-1	208297	207086	210214	208532	0.76	cps
Erbium	164-2	132715	136801	137187	135568	1.83	cps
Gadolinium	160-1	246472	247169	249925	247855	0.74	cps
Gadolinium	160-2	175272	178049	176870	176730	0.79	cps
Holmium	165-1	20676890	20882036	21185087	20914671	1.22	cps
Holmium	165-2	14187529	14379194	14435708	14334144	0.91	cps
Indium	115-1	16428018	16579885	16639342	16549082	0.66	cps
Indium	115-2	4655242	4765877	4728915	4716678	1.19	cps
Iron	56-2	1102613758	1100625602	1104265714	1102501691	0.17	cps
Iron	57-2	27466147	27569785	27397022	27477652	0.32	cps
Krypton	83-1	2257	2090	2227	2191	4.05	cps
Lead	206-1	8433632	8582555	8668197	8561461	1.39	cps
Lead	207-1	7317609	7272307	7415435	7335117	1.00	cps
Lead	208-1	33557490	33711205	34143995	33804230	0.90	cps
Lithium	6-1	4580650	4582906	4631479	4598345	0.62	cps
Magnesium	24-2	66351297	66920160	66756870	66676109	0.44	cps

LB Number :	LB100928	Operator :	Jaswal
Lab Sample ID :	K1308-01MSD	Instrumnet Name :	P7
Client Sample ID :	SB-17(34.2-34.8)MSD	Dilution Factor :	1
Date & Time Acquired ::	2019-02-20 16:05:01	DataFile Name :	033SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	37220946	37841308	37567938	37543397	0.83	cps
Molybdenum	94-1	21097961	20884946	21025550	21002819	0.52	cps
Molybdenum	95-1	24098944	24222833	24593651	24305143	1.06	cps
Molybdenum	96-1	26647595	27261903	27221626	27043708	1.27	cps
Molybdenum	97-1	14985748	14932015	15067651	14995138	0.46	cps
Molybdenum	98-1	39151847	38505708	39192827	38950127	0.99	cps
Neodymium	150-1	455482	458636	467023	460380	1.30	cps
Neodymium	150-2	247666	246655	248670	247664	0.41	cps
Nickel	60-2	2542436	2579318	2566299	2562684	0.73	cps
Phosphorus	31-2	38960	37841	38810	38537	1.58	cps
Potassium	39-2	27338791	27250482	27425617	27338297	0.32	cps
Rhodium	103-1	16023821	15919359	16062580	16001920	0.46	cps
Rhodium	103-2	9638583	9836667	9863544	9779598	1.26	cps
Scandium	45-1	12311424	12334122	12559184	12401577	1.10	cps
Scandium	45-2	832956	840967	836185	836703	0.48	cps
Selenium	77-2	14751	14701	14661	14704	0.31	cps
Selenium	78-2	46038	47028	46151	46405	1.17	cps
Selenium	82-1	193258	193922	195830	194337	0.69	cps
Silicon	28-1	15447946	15927051	16483351	15952783	3.25	cps
Silver	109-1	13996883	13789011	13959888	13915261	0.80	cps
Silver	107-1	14395283	14585815	14806819	14595972	1.41	cps
Sodium	23-2	79688641	80656989	80205671	80183767	0.60	cps
Strontium	86-1	3962770	3995082	4107285	4021712	1.89	cps
Strontium	88-1	35180408	35192671	35585412	35319497	0.65	cps
Sulfur	34-1	689503	681166	685499	685389	0.61	cps
Terbium	159-1	21395358	21718542	21924116	21679339	1.23	cps
Terbium	159-2	14016085	14175096	14278316	14156499	0.93	cps
Thallium	203-1	9549144	9653795	9800434	9667791	1.31	cps
Thallium	205-1	22824708	22905482	23335614	23021935	1.19	cps
Thorium	232-1	1319232	1325931	1345879	1330347	1.04	cps
Tin	118-1	6457616	6378876	6526641	6454378	1.15	cps
Titanium	47-1	9200074	9214142	9262743	9225653	0.36	cps
Uranium	238-1	31881028	31864497	31982199	31909241	0.20	cps
Vanadium	51-2	5641226	5610306	5672883	5641472	0.55	cps
Yttrium	89-1	20068785	20377749	20746428	20397654	1.66	cps
Yttrium	89-2	4197208	4260025	4269594	4242276	0.93	cps

LB Number :	LB100928	Operator :	Jaswal
Lab Sample ID :	K1308-01MSD	Instrumnet Name :	P7
Client Sample ID :	SB-17(34.2-34.8)MSD	Dilution Factor :	1
Date & Time Acquired ::	2019-02-20 16:05:01	DataFile Name :	033SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zinc	66-2	2210031	2223139	2249732	2227634	0.91	cps
Zirconium	90-1	20212036	20166065	20207044	20195048	0.12	cps
Zirconium	91-1	4404731	4423100	4506527	4444786	1.22	cps

LB Number :	LB100928	Operator :	Jaswal
Lab Sample ID :	K1308-01A	Instrumnet Name :	P7
Client Sample ID :	SB-17(34.2-34.8)A	Dilution Factor :	1
Date & Time Acquired ::	2019-02-20 16:08:40	DataFile Name :	034SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	22782080	23158291	23144816	23028396	0.93	cps
Antimony	121-1	3589611	3628528	3614073	3610737	0.54	cps
Arsenic	75-2	499653	509723	511538	506971	1.26	cps
Barium	135-1	14192921	14520943	14433609	14382491	1.18	cps
Barium	137-1	25093896	24822148	25101982	25006009	0.64	cps
Beryllium	9-1	2611380	2597454	2628534	2612456	0.60	cps
Bismuth	209-1	12951693	12163091	12395286	12503357	3.24	cps
Bismuth	209-2	9286910	9496482	9508180	9430524	1.32	cps
Boron	10-1	586292	590720	591725	589579	0.49	cps
Boron	11-1	2834794	2863509	2924216	2874173	1.59	cps
Cadmium	111-1	2889735	2869225	2912308	2890422	0.75	cps
Cadmium	106-1	358233	357155	359730	358373	0.36	cps
Cadmium	108-1	226150	230422	228592	228388	0.94	cps
Calcium	43-1	4026608	4084688	4139578	4083625	1.38	cps
Calcium	44-1	61518485	61480991	61750345	61583274	0.24	cps
Chromium	52-2	5901655	6003600	6012256	5972504	1.03	cps
Cobalt	59-2	9420316	9484102	9480460	9461626	0.38	cps
Copper	63-2	11359294	11501111	11475269	11445225	0.66	cps
Dysprosium	156-1	319688	331359	329951	326999	1.95	cps
Dysprosium	156-2	196729	202691	201986	200469	1.63	cps
Erbium	164-1	209930	213249	212089	211756	0.80	cps
Erbium	164-2	135845	137504	139074	137474	1.17	cps
Gadolinium	160-1	248758	254070	257723	253517	1.78	cps
Gadolinium	160-2	176235	180698	179778	178904	1.32	cps
Holmium	165-1	21554587	20710009	20990822	21085140	2.04	cps
Holmium	165-2	13904237	13947509	14210672	14020806	1.18	cps
Indium	115-1	17306629	16442128	16784844	16844534	2.58	cps
Indium	115-2	4614901	4663286	4693079	4657089	0.85	cps
Iron	56-2	1124236381	1121198447	1115449980	1120294936	0.40	cps
Iron	57-2	27761425	28016444	27810657	27862842	0.49	cps
Krypton	83-1	2307	2110	2340	2252	5.52	cps
Lead	206-1	8519826	8354973	8569266	8481355	1.32	cps
Lead	207-1	7321724	7300907	7335850	7319494	0.24	cps
Lead	208-1	33709728	33237503	33773460	33573564	0.87	cps
Lithium	6-1	4754219	4570985	4651520	4658908	1.97	cps
Magnesium	24-2	66658020	68263541	67998337	67639966	1.27	cps

LB Number :	LB100928	Operator :	Jaswal
Lab Sample ID :	K1308-01A	Instrumnet Name :	P7
Client Sample ID :	SB-17(34.2-34.8)A	Dilution Factor :	1
Date & Time Acquired ::	2019-02-20 16:08:40	DataFile Name :	034SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	37907240	38658622	38609937	38391933	1.10	cps
Molybdenum	94-1	20604905	20447527	20803086	20618506	0.86	cps
Molybdenum	95-1	23898234	23768496	24180043	23948924	0.88	cps
Molybdenum	96-1	26937286	26179069	26777306	26631220	1.50	cps
Molybdenum	97-1	14908405	14756021	14761749	14808725	0.58	cps
Molybdenum	98-1	38517714	38206764	38361834	38362104	0.41	cps
Neodymium	150-1	471159	478915	486513	478862	1.60	cps
Neodymium	150-2	252516	256546	252184	253748	0.96	cps
Nickel	60-2	2543532	2572662	2549133	2555109	0.60	cps
Phosphorus	31-2	36738	37431	38217	37462	1.98	cps
Potassium	39-2	26663687	27227729	27112947	27001454	1.10	cps
Rhodium	103-1	16690349	15622841	16064662	16125951	3.33	cps
Rhodium	103-2	9599922	9736651	9844352	9726975	1.26	cps
Scandium	45-1	12891985	12275038	12443785	12536936	2.54	cps
Scandium	45-2	811663	822835	824975	819824	0.87	cps
Selenium	77-2	13850	13907	14848	14202	3.95	cps
Selenium	78-2	44969	45207	45412	45196	0.49	cps
Selenium	82-1	189557	190575	192319	190817	0.73	cps
Silicon	28-1	16382721	15490911	15009855	15627829	4.46	cps
Silver	109-1	13647511	13706957	13802971	13719146	0.57	cps
Silver	107-1	14403627	14399500	14629911	14477679	0.91	cps
Sodium	23-2	78474525	79865206	78928743	79089491	0.90	cps
Strontium	86-1	4002798	4063348	4066492	4044213	0.89	cps
Strontium	88-1	35277222	35133673	35493863	35301586	0.51	cps
Sulfur	34-1	680749	667211	672291	673417	1.02	cps
Terbium	159-1	22159541	21266739	21732694	21719658	2.06	cps
Terbium	159-2	13860679	14000512	14134054	13998415	0.98	cps
Thallium	203-1	9552643	9479474	9718524	9583547	1.28	cps
Thallium	205-1	22908705	22703314	23126665	22912894	0.92	cps
Thorium	232-1	1371720	1379316	1401990	1384342	1.14	cps
Tin	118-1	6352614	6442794	6426228	6407212	0.75	cps
Titanium	47-1	9182306	8995748	9273792	9150615	1.55	cps
Uranium	238-1	31652267	31620118	31654138	31642175	0.06	cps
Vanadium	51-2	5620468	5660385	5704128	5661660	0.74	cps
Yttrium	89-1	21001513	20283394	20472333	20585746	1.81	cps
Yttrium	89-2	4138824	4200812	4251037	4196891	1.34	cps

LB Number :	LB100928	Operator :	Jaswal
Lab Sample ID :	K1308-01A	Instrumnet Name :	P7
Client Sample ID :	SB-17(34.2-34.8)A	Dilution Factor :	1
Date & Time Acquired ::	2019-02-20 16:08:40	DataFile Name :	034SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zinc	66-2	2214588	2232147	2263115	2236617	1.10	cps
Zirconium	90-1	20076243	20071774	20222311	20123443	0.43	cps
Zirconium	91-1	4384517	4469582	4484651	4446250	1.21	cps

LB Number :	LB100928	Operator :	Jaswal
Lab Sample ID :	CCV10	Instrumnet Name :	P7
Client Sample ID :	CCV10	Dilution Factor :	1
Date & Time Acquired ::	2019-02-20 16:14:26	DataFile Name :	035CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	20493055	20481761	20537139	20503985	0.14	cps
Antimony	121-1	8999061	9072264	9019002	9030109	0.42	cps
Arsenic	75-2	524822	527576	526571	526323	0.26	cps
Barium	135-1	11851110	12132496	12133040	12038882	1.35	cps
Barium	137-1	20880460	21064319	21157329	21034036	0.67	cps
Beryllium	9-1	2571351	2580609	2593553	2581838	0.43	cps
Bismuth	209-1	11931984	11910396	12072698	11971693	0.74	cps
Bismuth	209-2	9130213	9200080	9152544	9160946	0.39	cps
Boron	10-1	550298	555517	567206	557674	1.55	cps
Boron	11-1	2672614	2709772	2753392	2711926	1.49	cps
Cadmium	111-1	3043201	3097236	3094062	3078166	0.99	cps
Cadmium	106-1	359751	371149	370617	367172	1.75	cps
Cadmium	108-1	238801	244169	246425	243132	1.61	cps
Calcium	43-1	17374704	17390838	17521747	17429096	0.46	cps
Calcium	44-1	267609206	268662414	271708606	269326742	0.79	cps
Chromium	52-2	5033012	5091433	5020528	5048324	0.75	cps
Cobalt	59-2	7901411	7985436	7960414	7949087	0.54	cps
Copper	63-2	11552046	11570499	11594774	11572440	0.19	cps
Dysprosium	156-1	408	417	350	392	9.27	cps
Dysprosium	156-2	263	310	323	299	10.54	cps
Erbium	164-1	133	167	133	144	13.32	cps
Erbium	164-2	73	103	60	79	28.14	cps
Gadolinium	160-1	383	342	358	361	5.81	cps
Gadolinium	160-2	490	473	447	470	4.65	cps
Holmium	165-1	20925033	21522467	21620724	21356075	1.76	cps
Holmium	165-2	14409571	14379941	14505302	14431605	0.45	cps
Indium	115-1	16754376	16781501	16822572	16786150	0.20	cps
Indium	115-2	4755771	4775578	4863417	4798255	1.19	cps
Iron	56-2	1081800135	1097548602	1098851269	1092733336	0.87	cps
Iron	57-2	27558090	27601710	27733469	27631090	0.33	cps
Krypton	83-1	1707	1690	1927	1775	7.44	cps
Lead	206-1	7600880	7643280	7604728	7616296	0.31	cps
Lead	207-1	6774206	6724393	6769679	6756093	0.41	cps
Lead	208-1	30599535	30417285	30350449	30455756	0.42	cps
Lithium	6-1	4339458	4342675	4324679	4335604	0.22	cps
Magnesium	24-2	210377817	209936913	210032017	210115582	0.11	cps

LB Number :	LB100928	Operator :	Jaswal
Lab Sample ID :	CCV10	Instrumnet Name :	P7
Client Sample ID :	CCV10	Dilution Factor :	1
Date & Time Acquired ::	2019-02-20 16:14:26	DataFile Name :	035CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	6430867	6480615	6422702	6444728	0.49	cps
Molybdenum	94-1	22647756	23292612	22817527	22919298	1.46	cps
Molybdenum	95-1	28626571	28868996	29057189	28850919	0.75	cps
Molybdenum	96-1	31803275	31904107	32221177	31976186	0.68	cps
Molybdenum	97-1	17698243	17826027	17773789	17766019	0.36	cps
Molybdenum	98-1	45918937	46300923	47127447	46449102	1.33	cps
Neodymium	150-1	1273	1153	1113	1180	7.06	cps
Neodymium	150-2	253	280	257	263	5.52	cps
Nickel	60-2	2058133	2093440	2085523	2079032	0.89	cps
Phosphorus	31-2	242082	239096	242681	241286	0.80	cps
Potassium	39-2	107438648	107596740	108061394	107698927	0.30	cps
Rhodium	103-1	15580829	15598002	15790742	15656524	0.74	cps
Rhodium	103-2	9502076	9612739	9633803	9582872	0.74	cps
Scandium	45-1	11920211	12103021	12044240	12022490	0.78	cps
Scandium	45-2	823154	832337	830626	828706	0.59	cps
Selenium	77-2	17411	17120	18065	17532	2.76	cps
Selenium	78-2	58281	59105	59436	58941	1.01	cps
Selenium	82-1	239320	243440	244177	242312	1.08	cps
Silicon	28-1	7900632	8168125	8185563	8084773	1.98	cps
Silver	109-1	14777507	15116794	14920079	14938127	1.14	cps
Silver	107-1	15552899	15704217	15658360	15638492	0.50	cps
Sodium	23-2	397948826	407216234	399894567	401686542	1.22	cps
Strontium	86-1	3955350	4049153	4077809	4027437	1.59	cps
Strontium	88-1	34791199	36115630	35483809	35463546	1.87	cps
Sulfur	34-1	2184234	2194758	2234438	2204477	1.20	cps
Terbium	159-1	21886881	22044510	21644326	21858572	0.92	cps
Terbium	159-2	14277129	14314678	14351473	14314427	0.26	cps
Thallium	203-1	9515736	9621682	9709474	9615631	1.01	cps
Thallium	205-1	22568678	22881071	22743108	22730952	0.69	cps
Thorium	232-1	32411857	32637206	32754242	32601101	0.53	cps
Tin	118-1	8550414	8747584	8617123	8638373	1.16	cps
Titanium	47-1	8358614	8543925	8532773	8478437	1.23	cps
Uranium	238-1	30735081	30802968	30905940	30814663	0.28	cps
Vanadium	51-2	4023264	4051436	4045383	4040028	0.37	cps
Yttrium	89-1	18132138	18519468	18635178	18428928	1.43	cps
Yttrium	89-2	3863746	3877226	3930354	3890442	0.91	cps

LB Number :	LB100928	Operator :	Jaswal
Lab Sample ID :	CCV10	Instrumnet Name :	P7
Client Sample ID :	CCV10	Dilution Factor :	1
Date & Time Acquired ::	2019-02-20 16:14:26	DataFile Name :	035CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zinc	66-2	1921576	1912263	1925645	1919828	0.36	cps
Zirconium	90-1	17745848	17897357	18004940	17882715	0.73	cps
Zirconium	91-1	3915961	3931998	3970461	3939473	0.71	cps

LB Number : LB100928 Operator : Jaswal
 Lab Sample ID : CCB10 Instrumnet Name : P7
 Client Sample ID : CCB10 Dilution Factor : 1
 Date & Time Acquired :: 2019-02-20 16:20:49 DataFile Name : 036CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	1025	917	942	961	5.90	cps
Antimony	121-1	1767	1567	1650	1661	6.05	cps
Arsenic	75-2	70	81	59	70	15.79	cps
Barium	135-1	858	992	758	870	13.47	cps
Barium	137-1	1675	1592	1275	1514	13.94	cps
Beryllium	9-1	533	413	393	447	16.95	cps
Bismuth	209-1	12576870	13749432	13758661	13361654	5.09	cps
Bismuth	209-2	11220852	11050993	10791235	11021027	1.96	cps
Boron	10-1	14324	13640	13565	13843	3.02	cps
Boron	11-1	69033	66765	63509	66436	4.18	cps
Cadmium	111-1	10198	11484	11512	11065	6.79	cps
Cadmium	106-1	14050	15868	16085	15334	7.29	cps
Cadmium	108-1	71	75	50	65	20.52	cps
Calcium	43-1	1517	1408	1317	1414	7.08	cps
Calcium	44-1	208673	205690	203148	205837	1.34	cps
Chromium	52-2	4964	4951	4828	4914	1.53	cps
Cobalt	59-2	467	473	437	459	4.26	cps
Copper	63-2	3574	3480	3607	3554	1.85	cps
Dysprosium	156-1	25	17	33	25	33.32	cps
Dysprosium	156-2	23	23	17	21	18.21	cps
Erbium	164-1	42	117	75	78	48.31	cps
Erbium	164-2	53	43	40	46	15.23	cps
Gadolinium	160-1	250	292	283	275	8.02	cps
Gadolinium	160-2	420	430	383	411	5.98	cps
Holmium	165-1	19416090	21164444	21143102	20574545	4.88	cps
Holmium	165-2	15048207	14871853	14499146	14806402	1.89	cps
Indium	115-1	16749330	17826560	17890490	17488793	3.67	cps
Indium	115-2	5294828	5227297	5114140	5212088	1.75	cps
Iron	56-2	71128	65379	62969	66492	6.30	cps
Iron	57-2	1656	1745	1600	1667	4.37	cps
Krypton	83-1	1890	1903	1837	1877	1.88	cps
Lead	206-1	2084	1928	1611	1874	12.84	cps
Lead	207-1	1778	1533	1467	1593	10.29	cps
Lead	208-1	7762	7562	6718	7347	7.55	cps
Lithium	6-1	4271187	4556506	4579942	4469212	3.85	cps
Magnesium	24-2	5968	5501	5376	5615	5.56	cps

LB Number :	LB100928	Operator :	Jaswal
Lab Sample ID :	CCB10	Instrumnet Name :	P7
Client Sample ID :	CCB10	Dilution Factor :	1
Date & Time Acquired ::	2019-02-20 16:20:49	DataFile Name :	036CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	1167	1003	883	1018	13.97	cps
Molybdenum	94-1	3334	2950	2867	3050	8.16	cps
Molybdenum	95-1	3392	2984	2650	3009	12.35	cps
Molybdenum	96-1	4309	4034	3351	3898	12.66	cps
Molybdenum	97-1	1992	1950	1592	1845	11.92	cps
Molybdenum	98-1	5318	4826	4151	4765	12.30	cps
Neodymium	150-1	47	47	27	40	28.87	cps
Neodymium	150-2	13	0	3	6	124.93	cps
Nickel	60-2	350	347	313	337	6.02	cps
Phosphorus	31-2	417	525	492	478	11.61	cps
Potassium	39-2	80636	78943	81222	80267	1.47	cps
Rhodium	103-1	16721087	17566973	17651853	17313305	2.97	cps
Rhodium	103-2	11536405	11202762	10937662	11225610	2.67	cps
Scandium	45-1	11449682	11991761	12205228	11882223	3.28	cps
Scandium	45-2	846193	824010	809445	826549	2.24	cps
Selenium	77-2	3	3	0	2	86.60	cps
Selenium	78-2	254	237	231	241	4.80	cps
Selenium	82-1	517	295	384	399	28.00	cps
Silicon	28-1	736679	672809	659511	689666	5.98	cps
Silver	109-1	1550	1375	1042	1322	19.53	cps
Silver	107-1	1358	1600	1300	1420	11.21	cps
Sodium	23-2	90355	89281	87463	89033	1.64	cps
Strontium	86-1	3634	3159	3134	3309	8.52	cps
Strontium	88-1	2700	2484	2142	2442	11.53	cps
Sulfur	34-1	783088	799519	791085	791231	1.04	cps
Terbium	159-1	20155380	21614161	21661231	21143591	4.05	cps
Terbium	159-2	15017234	14913078	14436895	14789069	2.09	cps
Thallium	203-1	2250	2434	2417	2367	4.28	cps
Thallium	205-1	6377	5560	5351	5763	9.41	cps
Thorium	232-1	2495	2795	2423	2571	7.68	cps
Tin	118-1	2050	2200	2117	2122	3.54	cps
Titanium	47-1	2017	1875	1992	1961	3.86	cps
Uranium	238-1	2017	1884	1659	1853	9.78	cps
Vanadium	51-2	213	217	153	194	18.33	cps
Yttrium	89-1	17493645	18595182	18556756	18215194	3.43	cps
Yttrium	89-2	4057061	3983778	3896851	3979230	2.02	cps

LB Number :	LB100928	Operator :	Jaswal
Lab Sample ID :	CCB10	Instrumnet Name :	P7
Client Sample ID :	CCB10	Dilution Factor :	1
Date & Time Acquired ::	2019-02-20 16:20:49	DataFile Name :	036CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zinc	66-2	690	700	707	699	1.20	cps
Zirconium	90-1	3742	3117	2909	3256	13.32	cps
Zirconium	91-1	742	658	683	694	6.16	cps

LB Number :	LB100928	Operator :	Jaswal
Lab Sample ID :	K1308-01DUPRE2	Instrumnet Name :	P7
Client Sample ID :	SB-17(34.2-34.8)DUP	Dilution Factor :	1
Date & Time Acquired ::	2019-02-20 16:24:26	DataFile Name :	037SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	12473318	12597196	12462820	12511111	0.60	cps
Antimony	121-1	1550	1750	2050	1784	14.11	cps
Arsenic	75-2	37484	38217	38477	38059	1.35	cps
Barium	135-1	1848551	1900746	1919220	1889505	1.94	cps
Barium	137-1	3217124	3284071	3336904	3279366	1.83	cps
Beryllium	9-1	21562	22090	21599	21750	1.35	cps
Bismuth	209-1	14444636	12987251	13310042	13580643	5.64	cps
Bismuth	209-2	10404386	10655224	10510878	10523496	1.20	cps
Boron	10-1	27484	27601	27701	27595	0.39	cps
Boron	11-1	137237	135112	137640	136663	0.99	cps
Cadmium	111-1	17200	16092	17401	16898	4.17	cps
Cadmium	106-1	23086	21142	23019	22416	4.92	cps
Cadmium	108-1	1633	1671	1708	1671	2.24	cps
Calcium	43-1	416289	418470	411946	415568	0.80	cps
Calcium	44-1	6466740	6611180	6705826	6594582	1.83	cps
Chromium	52-2	834320	834103	832239	833554	0.14	cps
Cobalt	59-2	1128112	1138153	1135541	1133935	0.46	cps
Copper	63-2	522864	528213	531043	527373	0.79	cps
Dysprosium	156-1	262125	265919	266094	264713	0.85	cps
Dysprosium	156-2	165190	165662	165430	165428	0.14	cps
Erbium	164-1	174600	177645	179362	177202	1.36	cps
Erbium	164-2	117157	115372	116942	116490	0.84	cps
Gadolinium	160-1	199700	207961	205916	204526	2.10	cps
Gadolinium	160-2	148876	150676	152167	150573	1.09	cps
Holmium	165-1	23606810	21121871	21529478	22086053	6.03	cps
Holmium	165-2	14919172	14946907	15048251	14971444	0.45	cps
Indium	115-1	19584850	17601250	18107994	18431365	5.59	cps
Indium	115-2	5187956	5190788	5190355	5189699	0.03	cps
Iron	56-2	812652774	822423774	814723840	816600129	0.63	cps
Iron	57-2	20097819	20316382	20174862	20196354	0.55	cps
Krypton	83-1	2377	2137	2170	2228	5.84	cps
Lead	206-1	532043	530135	540153	534110	1.00	cps
Lead	207-1	433267	438222	434877	435456	0.58	cps
Lead	208-1	2043788	2062122	2070586	2058832	0.67	cps
Lithium	6-1	5038479	4703498	4757211	4833063	3.72	cps
Magnesium	24-2	20761911	20920612	20813991	20832171	0.39	cps

LB Number :	LB100928	Operator :	Jaswal
Lab Sample ID :	K1308-01DUPRE2	Instrumnet Name :	P7
Client Sample ID :	SB-17(34.2-34.8)DUP	Dilution Factor :	1
Date & Time Acquired ::	2019-02-20 16:24:26	DataFile Name :	037SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	23854870	23905470	23828715	23863018	0.16	cps
Molybdenum	94-1	325639	331036	333691	330122	1.24	cps
Molybdenum	95-1	15050	14933	15184	15056	0.83	cps
Molybdenum	96-1	76330	75098	76866	76098	1.19	cps
Molybdenum	97-1	8211	9087	9529	8942	7.50	cps
Molybdenum	98-1	22185	22669	23454	22769	2.81	cps
Neodymium	150-1	382649	381847	391501	385332	1.39	cps
Neodymium	150-2	207303	210833	210127	209421	0.89	cps
Nickel	60-2	460472	460488	464350	461770	0.48	cps
Phosphorus	31-2	36730	36988	36128	36615	1.21	cps
Potassium	39-2	4370540	4406652	4337637	4371610	0.79	cps
Rhodium	103-1	19183600	16958549	17715504	17952551	6.30	cps
Rhodium	103-2	10874871	10893976	10833907	10867584	0.28	cps
Scandium	45-1	14128287	12674326	13141054	13314556	5.58	cps
Scandium	45-2	877049	882357	876370	878592	0.37	cps
Selenium	77-2	963	1023	1093	1027	6.34	cps
Selenium	78-2	1033	994	980	1003	2.77	cps
Selenium	82-1	759	878	871	836	7.98	cps
Silicon	28-1	11310971	11597113	11554028	11487371	1.34	cps
Silver	109-1	1617	1700	1667	1661	2.53	cps
Silver	107-1	2842	2767	2917	2842	2.64	cps
Sodium	23-2	1798200	1798726	1778327	1791751	0.65	cps
Strontium	86-1	366237	369392	374492	370040	1.13	cps
Strontium	88-1	3231533	3231284	3260945	3241254	0.53	cps
Sulfur	34-1	785736	787101	782871	785236	0.27	cps
Terbium	159-1	24240895	22043647	22377757	22887433	5.17	cps
Terbium	159-2	15023315	15014906	14952121	14996781	0.26	cps
Thallium	203-1	10563	9929	10580	10357	3.58	cps
Thallium	205-1	24340	24315	25300	24652	2.28	cps
Thorium	232-1	1022151	1035500	1059366	1039006	1.81	cps
Tin	118-1	11447	10913	11922	11427	4.42	cps
Titanium	47-1	1439703	1463510	1456601	1453271	0.84	cps
Uranium	238-1	210565	218548	217877	215663	2.05	cps
Vanadium	51-2	1247580	1259403	1259409	1255464	0.54	cps
Yttrium	89-1	22915755	20789874	21613096	21772909	4.92	cps
Yttrium	89-2	4496322	4507261	4493948	4499177	0.16	cps

LB Number :	LB100928	Operator :	Jaswal
Lab Sample ID :	K1308-01DUPRE2	Instrumnet Name :	P7
Client Sample ID :	SB-17(34.2-34.8)DUP	Dilution Factor :	1
Date & Time Acquired ::	2019-02-20 16:24:26	DataFile Name :	037SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zinc	66-2	534792	546945	543312	541683	1.15	cps
Zirconium	90-1	876572	887898	899297	887923	1.28	cps
Zirconium	91-1	195806	196111	203894	198604	2.31	cps

LB Number :	LB100928	Operator :	Jaswal
Lab Sample ID :	K1308-01	Instrumnet Name :	P7
Client Sample ID :	SB-17(34.2-34.8)	Dilution Factor :	1
Date & Time Acquired ::	2019-02-20 16:36:14	DataFile Name :	038SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	15090037	14929412	14810449	14943299	0.94	cps
Antimony	121-1	1467	1450	1458	1458	0.57	cps
Arsenic	75-2	45798	45542	46006	45782	0.51	cps
Barium	135-1	2682640	2694107	2707825	2694857	0.47	cps
Barium	137-1	4642646	4714469	4675798	4677638	0.77	cps
Beryllium	9-1	26991	26250	26737	26659	1.41	cps
Bismuth	209-1	13280872	13429931	13377455	13362753	0.57	cps
Bismuth	209-2	10473329	10282882	10441220	10399144	0.98	cps
Boron	10-1	22826	23035	23494	23118	1.48	cps
Boron	11-1	111484	114414	118631	114843	3.13	cps
Cadmium	111-1	19101	19163	19230	19164	0.34	cps
Cadmium	106-1	23537	23587	23453	23526	0.29	cps
Cadmium	108-1	2275	2200	2275	2250	1.92	cps
Calcium	43-1	559202	554880	566161	560081	1.02	cps
Calcium	44-1	8702536	8748898	8731704	8727713	0.27	cps
Chromium	52-2	1087483	1086116	1075700	1083100	0.60	cps
Cobalt	59-2	1920152	1930875	1936747	1929258	0.44	cps
Copper	63-2	833064	827844	833704	831537	0.39	cps
Dysprosium	156-1	352116	352474	360010	354867	1.26	cps
Dysprosium	156-2	221962	223438	224264	223221	0.52	cps
Erbium	164-1	237991	235768	239199	237652	0.73	cps
Erbium	164-2	159698	159485	162243	160475	0.96	cps
Gadolinium	160-1	277113	272907	277043	275688	0.87	cps
Gadolinium	160-2	202193	200949	203479	202207	0.63	cps
Holmium	165-1	21547709	21700537	22030508	21759585	1.13	cps
Holmium	165-2	15099209	14908866	14968381	14992152	0.65	cps
Indium	115-1	17940651	18221916	18217597	18126721	0.89	cps
Indium	115-2	5164870	5100864	5116873	5127536	0.65	cps
Iron	56-2	968861177	956276221	950714310	958617236	0.97	cps
Iron	57-2	24096701	23749989	23668454	23838382	0.95	cps
Krypton	83-1	2234	2430	2240	2301	4.85	cps
Lead	206-1	717374	715152	713343	715290	0.28	cps
Lead	207-1	571224	575923	584910	577352	1.20	cps
Lead	208-1	2757366	2736260	2776785	2756804	0.74	cps
Lithium	6-1	4719128	4773210	4767554	4753297	0.63	cps
Magnesium	24-2	23347026	23096765	23123270	23189020	0.59	cps

LB Number :	LB100928	Operator :	Jaswal
Lab Sample ID :	K1308-01	Instrumnet Name :	P7
Client Sample ID :	SB-17(34.2-34.8)	Dilution Factor :	1
Date & Time Acquired ::	2019-02-20 16:36:14	DataFile Name :	038SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	46214233	45367728	45647668	45743209	0.94	cps
Molybdenum	94-1	424344	427136	435969	429149	1.41	cps
Molybdenum	95-1	23036	22611	23604	23084	2.16	cps
Molybdenum	96-1	100311	102954	104432	102566	2.04	cps
Molybdenum	97-1	14249	14233	13665	14049	2.37	cps
Molybdenum	98-1	35002	35955	35186	35381	1.43	cps
Neodymium	150-1	484802	500546	491322	492223	1.61	cps
Neodymium	150-2	268805	265690	268254	267583	0.62	cps
Nickel	60-2	644873	632813	636353	638013	0.97	cps
Phosphorus	31-2	50478	47870	48438	48929	2.80	cps
Potassium	39-2	5105050	5042632	4988195	5045292	1.16	cps
Rhodium	103-1	17639074	17536619	17493375	17556356	0.43	cps
Rhodium	103-2	10831828	10728452	10763182	10774487	0.49	cps
Scandium	45-1	13030783	13308491	13168295	13169190	1.05	cps
Scandium	45-2	873406	867557	858693	866552	0.85	cps
Selenium	77-2	1443	1397	1243	1361	7.69	cps
Selenium	78-2	1267	1263	1257	1262	0.37	cps
Selenium	82-1	998	721	1129	949	21.97	cps
Silicon	28-1	8711752	5556368	5720500	6662873	26.66	cps
Silver	109-1	1317	1267	1500	1361	9.03	cps
Silver	107-1	2792	2734	2850	2792	2.09	cps
Sodium	23-2	1859134	1850439	1833215	1847596	0.71	cps
Strontium	86-1	481498	495158	482549	486402	1.56	cps
Strontium	88-1	4190612	4264923	4221845	4225793	0.88	cps
Sulfur	34-1	702155	701895	704925	702992	0.24	cps
Terbium	159-1	22109495	22587141	22825791	22507476	1.62	cps
Terbium	159-2	15042881	14800341	14805813	14883012	0.93	cps
Thallium	203-1	13949	13366	13074	13463	3.31	cps
Thallium	205-1	31279	31722	31981	31661	1.12	cps
Thorium	232-1	1268041	1295527	1323881	1295816	2.15	cps
Tin	118-1	12906	12323	12164	12464	3.14	cps
Titanium	47-1	1177660	1198193	1186840	1187564	0.87	cps
Uranium	238-1	292742	295013	295297	294351	0.48	cps
Vanadium	51-2	1471075	1468035	1472856	1470655	0.17	cps
Yttrium	89-1	22047556	22356576	22127233	22177121	0.72	cps
Yttrium	89-2	4691016	4561410	4669963	4640796	1.50	cps

LB Number :	LB100928	Operator :	Jaswal
Lab Sample ID :	K1308-01	Instrumnet Name :	P7
Client Sample ID :	SB-17(34.2-34.8)	Dilution Factor :	1
Date & Time Acquired ::	2019-02-20 16:36:14	DataFile Name :	038SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zinc	66-2	692014	682307	687462	687261	0.71	cps
Zirconium	90-1	1128385	1154749	1158141	1147092	1.42	cps
Zirconium	91-1	254047	253049	261749	256282	1.86	cps

LB Number :	LB100928	Operator :	Jaswal
Lab Sample ID :	K1308-01DUP	Instrumnet Name :	P7
Client Sample ID :	SB-17(34.2-34.8)DUP	Dilution Factor :	1
Date & Time Acquired ::	2019-02-20 16:39:55	DataFile Name :	039SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	14641558	14712681	14758722	14704320	0.40	cps
Antimony	121-1	1267	1317	1142	1242	7.26	cps
Arsenic	75-2	45083	45187	45363	45211	0.31	cps
Barium	135-1	2706095	2704925	2689340	2700120	0.35	cps
Barium	137-1	4708141	4706858	4758989	4724663	0.63	cps
Beryllium	9-1	26684	26734	26270	26562	0.96	cps
Bismuth	209-1	13130151	13228381	13704935	13354489	2.30	cps
Bismuth	209-2	9972506	10239444	10218467	10143472	1.46	cps
Boron	10-1	22927	22768	23561	23085	1.82	cps
Boron	11-1	110670	115743	113709	113374	2.25	cps
Cadmium	111-1	18578	19297	19748	19208	3.07	cps
Cadmium	106-1	22953	23746	24572	23757	3.41	cps
Cadmium	108-1	2104	2109	2142	2118	0.97	cps
Calcium	43-1	551537	552824	550254	551539	0.23	cps
Calcium	44-1	8424247	8528388	8502498	8485044	0.64	cps
Chromium	52-2	1071186	1070925	1077142	1073084	0.33	cps
Cobalt	59-2	1904178	1900548	1913297	1906008	0.34	cps
Copper	63-2	820511	810914	825832	819086	0.92	cps
Dysprosium	156-1	353639	362495	358739	358291	1.24	cps
Dysprosium	156-2	223545	222894	221256	222565	0.53	cps
Erbium	164-1	241470	236316	240096	239294	1.12	cps
Erbium	164-2	160271	159930	158640	159614	0.54	cps
Gadolinium	160-1	275392	278019	281374	278262	1.08	cps
Gadolinium	160-2	198988	202734	202812	201511	1.08	cps
Holmium	165-1	21435074	21439869	22175526	21683490	1.97	cps
Holmium	165-2	14183927	14755775	14579532	14506411	2.02	cps
Indium	115-1	17587121	17847825	18149075	17861340	1.57	cps
Indium	115-2	4910237	4990794	4938886	4946639	0.83	cps
Iron	56-2	939999021	952439044	954954666	949130910	0.84	cps
Iron	57-2	23615924	23358350	23487674	23487316	0.55	cps
Krypton	83-1	2297	2327	2174	2266	3.59	cps
Lead	206-1	725196	721149	734605	726983	0.95	cps
Lead	207-1	585459	592825	594899	591061	0.84	cps
Lead	208-1	2771877	2785492	2819224	2792198	0.87	cps
Lithium	6-1	4645923	4677377	4821445	4714915	1.98	cps
Magnesium	24-2	22889032	22812511	22578802	22760115	0.71	cps

LB Number :	LB100928	Operator :	Jaswal
Lab Sample ID :	K1308-01DUP	Instrumnet Name :	P7
Client Sample ID :	SB-17(34.2-34.8)DUP	Dilution Factor :	1
Date & Time Acquired ::	2019-02-20 16:39:55	DataFile Name :	039SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	45047714	45366521	45545424	45319887	0.56	cps
Molybdenum	94-1	433163	430707	434536	432802	0.45	cps
Molybdenum	95-1	23445	22819	22869	23044	1.51	cps
Molybdenum	96-1	101494	103802	99228	101508	2.25	cps
Molybdenum	97-1	14274	13724	14391	14130	2.52	cps
Molybdenum	98-1	35796	36264	36106	36055	0.66	cps
Neodymium	150-1	495060	500402	501970	499144	0.73	cps
Neodymium	150-2	268151	268862	268867	268627	0.15	cps
Nickel	60-2	631158	625115	633012	629762	0.66	cps
Phosphorus	31-2	47844	48630	49734	48736	1.95	cps
Potassium	39-2	4980925	5019805	5017369	5006033	0.44	cps
Rhodium	103-1	17086812	17360872	17598051	17348578	1.47	cps
Rhodium	103-2	10212007	10437908	10318738	10322884	1.09	cps
Scandium	45-1	12734497	12791239	13276185	12933974	2.30	cps
Scandium	45-2	816430	837878	844914	833074	1.78	cps
Selenium	77-2	1367	1320	1410	1366	3.30	cps
Selenium	78-2	1263	1220	1246	1243	1.73	cps
Selenium	82-1	818	886	1232	979	22.67	cps
Silicon	28-1	6219482	4465508	5030587	5238526	17.09	cps
Silver	109-1	1258	1142	1383	1261	9.58	cps
Silver	107-1	2750	2834	2892	2825	2.52	cps
Sodium	23-2	1761701	1755374	1756653	1757910	0.19	cps
Strontium	86-1	489549	486378	483191	486373	0.65	cps
Strontium	88-1	4283599	4198810	4257324	4246578	1.02	cps
Sulfur	34-1	674034	676935	667363	672778	0.73	cps
Terbium	159-1	22147131	22290161	23020051	22485781	2.08	cps
Terbium	159-2	13948322	14698664	14536382	14394456	2.74	cps
Thallium	203-1	13499	12482	13875	13285	5.43	cps
Thallium	205-1	31597	31923	32958	32160	2.21	cps
Thorium	232-1	1320314	1305129	1324942	1316795	0.79	cps
Tin	118-1	11589	12114	12281	11994	3.01	cps
Titanium	47-1	1197748	1190430	1187212	1191797	0.45	cps
Uranium	238-1	297647	301535	302373	300518	0.84	cps
Vanadium	51-2	1462488	1448221	1461059	1457256	0.54	cps
Yttrium	89-1	21634817	21835611	22237553	21902661	1.40	cps
Yttrium	89-2	4402296	4508405	4545083	4485261	1.65	cps

LB Number :	LB100928	Operator :	Jaswal
Lab Sample ID :	K1308-01DUP	Instrumnet Name :	P7
Client Sample ID :	SB-17(34.2-34.8)DUP	Dilution Factor :	1
Date & Time Acquired ::	2019-02-20 16:39:55	DataFile Name :	039SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zinc	66-2	680030	673171	683152	678784	0.75	cps
Zirconium	90-1	1138897	1151984	1141346	1144076	0.61	cps
Zirconium	91-1	259349	258194	253372	256972	1.23	cps

LB Number :	LB100928	Operator :	Jaswal
Lab Sample ID :	K1308-01LX5	Instrumnet Name :	P7
Client Sample ID :	SB-17(34.2-34.8)L	Dilution Factor :	5
Date & Time Acquired ::	2019-02-20 16:43:34	DataFile Name :	040SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	2990203	2963387	3007165	2986918	0.74	cps
Antimony	121-1	383	392	533	436	19.33	cps
Arsenic	75-2	9603	9559	9540	9567	0.34	cps
Barium	135-1	564966	549686	557491	557381	1.37	cps
Barium	137-1	951944	959283	956163	955797	0.39	cps
Beryllium	9-1	5881	5851	5558	5763	3.10	cps
Bismuth	209-1	14113781	13944780	14027312	14028625	0.60	cps
Bismuth	209-2	11006899	10862137	10965033	10944690	0.68	cps
Boron	10-1	8111	7936	8044	8030	1.10	cps
Boron	11-1	38241	37990	37648	37960	0.78	cps
Cadmium	111-1	12600	12595	12843	12679	1.12	cps
Cadmium	106-1	17203	17311	17295	17270	0.34	cps
Cadmium	108-1	483	479	413	458	8.67	cps
Calcium	43-1	114391	113056	112822	113423	0.75	cps
Calcium	44-1	2042213	1994904	1984353	2007157	1.54	cps
Chromium	52-2	226898	223415	226970	225761	0.90	cps
Cobalt	59-2	390537	399465	399475	396492	1.30	cps
Copper	63-2	175159	175664	178128	176317	0.90	cps
Dysprosium	156-1	74427	72284	74771	73827	1.83	cps
Dysprosium	156-2	46057	46663	45579	46100	1.18	cps
Erbium	164-1	49641	49558	48604	49268	1.17	cps
Erbium	164-2	32248	32208	32348	32268	0.22	cps
Gadolinium	160-1	58057	58577	56827	57820	1.55	cps
Gadolinium	160-2	41369	41302	41674	41448	0.48	cps
Holmium	165-1	21969762	22345245	22041237	22118748	0.90	cps
Holmium	165-2	14999533	14782879	14948301	14910237	0.76	cps
Indium	115-1	18655261	18138764	18273465	18355830	1.46	cps
Indium	115-2	5242618	5239008	5266254	5249293	0.28	cps
Iron	56-2	196655388	192343782	193715988	194238386	1.13	cps
Iron	57-2	4796169	4865209	4894300	4851893	1.04	cps
Krypton	83-1	1760	1847	1827	1811	2.51	cps
Lead	206-1	153659	153055	152470	153061	0.39	cps
Lead	207-1	123351	121282	123761	122798	1.08	cps
Lead	208-1	590720	580938	584257	585305	0.85	cps
Lithium	6-1	4775535	4667203	4684210	4708983	1.24	cps
Magnesium	24-2	4696011	4622761	4679200	4665990	0.82	cps

LB Number :	LB100928	Operator :	Jaswal
Lab Sample ID :	K1308-01LX5	Instrumnet Name :	P7
Client Sample ID :	SB-17(34.2-34.8)L	Dilution Factor :	5
Date & Time Acquired ::	2019-02-20 16:43:34	DataFile Name :	040SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	9341663	9165378	9311360	9272800	1.02	cps
Molybdenum	94-1	88124	87946	87410	87827	0.42	cps
Molybdenum	95-1	5209	5143	4868	5073	3.57	cps
Molybdenum	96-1	21626	20499	21033	21052	2.68	cps
Molybdenum	97-1	3025	3017	2842	2962	3.50	cps
Molybdenum	98-1	7686	7544	7936	7722	2.57	cps
Neodymium	150-1	101090	100949	103797	101945	1.57	cps
Neodymium	150-2	54286	54852	54959	54699	0.66	cps
Nickel	60-2	131108	134088	132742	132646	1.13	cps
Phosphorus	31-2	11180	10321	10504	10668	4.24	cps
Potassium	39-2	1067974	1075466	1082123	1075188	0.66	cps
Rhodium	103-1	17962523	17986404	17743433	17897453	0.75	cps
Rhodium	103-2	11042556	11081092	11150052	11091233	0.49	cps
Scandium	45-1	12763576	12675868	12502279	12647241	1.05	cps
Scandium	45-2	839828	828723	847604	838718	1.13	cps
Selenium	77-2	267	230	257	251	7.55	cps
Selenium	78-2	480	417	433	443	7.36	cps
Selenium	82-1	720	620	492	611	18.75	cps
Silicon	28-1	1622195	1676853	1482864	1593970	6.28	cps
Silver	109-1	425	325	367	372	13.50	cps
Silver	107-1	808	1033	750	864	17.32	cps
Sodium	23-2	413853	407850	413775	411826	0.84	cps
Strontium	86-1	102532	100299	101568	101466	1.10	cps
Strontium	88-1	859839	856471	870446	862252	0.85	cps
Sulfur	34-1	648091	651060	655428	651527	0.57	cps
Terbium	159-1	22932647	22667990	22632365	22744334	0.72	cps
Terbium	159-2	14819054	14925924	14798625	14847868	0.46	cps
Thallium	203-1	3517	3476	3117	3370	6.53	cps
Thallium	205-1	8145	7786	8478	8136	4.25	cps
Thorium	232-1	265864	268931	267776	267524	0.58	cps
Tin	118-1	3409	3526	3392	3442	2.11	cps
Titanium	47-1	246247	240257	236597	241034	2.02	cps
Uranium	238-1	63766	61397	60835	61999	2.51	cps
Vanadium	51-2	297593	297165	299588	298115	0.43	cps
Yttrium	89-1	19643866	19864459	20024147	19844157	0.96	cps
Yttrium	89-2	4144362	4161897	4173550	4159936	0.35	cps

LB Number :	LB100928	Operator :	Jaswal
Lab Sample ID :	K1308-01LX5	Instrumnet Name :	P7
Client Sample ID :	SB-17(34.2-34.8)L	Dilution Factor :	5
Date & Time Acquired ::	2019-02-20 16:43:34	DataFile Name :	040SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zinc	66-2	146769	149069	149252	148363	0.93	cps
Zirconium	90-1	236934	234898	232595	234809	0.92	cps
Zirconium	91-1	52916	53978	52547	53147	1.40	cps

LB Number :	LB100928	Operator :	Jaswal
Lab Sample ID :	K1308-02	Instrumnet Name :	P7
Client Sample ID :	SB-18(34.5-35)	Dilution Factor :	1
Date & Time Acquired ::	2019-02-20 16:47:12	DataFile Name :	041SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	18256977	18461504	18483001	18400494	0.68	cps
Antimony	121-1	1125	1175	1083	1128	4.07	cps
Arsenic	75-2	45939	45633	46649	46073	1.13	cps
Barium	135-1	2685270	2697393	2722684	2701782	0.71	cps
Barium	137-1	4653435	4683760	4735323	4690839	0.88	cps
Beryllium	9-1	31209	31309	31429	31316	0.35	cps
Bismuth	209-1	13429869	13224124	13056319	13236770	1.41	cps
Bismuth	209-2	10197286	9775037	10146114	10039479	2.30	cps
Boron	10-1	29438	30098	30164	29900	1.34	cps
Boron	11-1	144922	143730	148694	145782	1.78	cps
Cadmium	111-1	19145	19030	19565	19247	1.46	cps
Cadmium	106-1	25006	24497	25340	24948	1.70	cps
Cadmium	108-1	2579	2538	2700	2606	3.24	cps
Calcium	43-1	650224	651367	660522	654038	0.86	cps
Calcium	44-1	10095154	10029571	10216365	10113696	0.94	cps
Chromium	52-2	1611580	1605035	1608671	1608429	0.20	cps
Cobalt	59-2	1650822	1658452	1678146	1662473	0.85	cps
Copper	63-2	845377	861575	862753	856568	1.13	cps
Dysprosium	156-1	415973	420661	429659	422097	1.65	cps
Dysprosium	156-2	265560	269974	272034	269189	1.23	cps
Erbium	164-1	295597	303037	300518	299717	1.26	cps
Erbium	164-2	196446	200476	199024	198649	1.03	cps
Gadolinium	160-1	345001	350856	355482	350446	1.50	cps
Gadolinium	160-2	249238	254884	255079	253067	1.31	cps
Holmium	165-1	22082296	21881103	20962100	21641833	2.76	cps
Holmium	165-2	14758676	14185571	14617022	14520423	2.06	cps
Indium	115-1	17970406	17504736	16984434	17486525	2.82	cps
Indium	115-2	4897424	4783416	4951402	4877414	1.76	cps
Iron	56-2	1203320649	1207560827	1216379627	1209087034	0.55	cps
Iron	57-2	29931996	30054183	30232524	30072901	0.50	cps
Krypton	83-1	2314	2230	2350	2298	2.68	cps
Lead	206-1	688063	702989	702271	697774	1.21	cps
Lead	207-1	554640	564373	570750	563254	1.44	cps
Lead	208-1	2638790	2679377	2698328	2672165	1.14	cps
Lithium	6-1	4862706	4833283	4767705	4821231	1.01	cps
Magnesium	24-2	32571019	32709318	32886649	32722329	0.48	cps

LB Number :	LB100928	Operator :	Jaswal
Lab Sample ID :	K1308-02	Instrumnet Name :	P7
Client Sample ID :	SB-18(34.5-35)	Dilution Factor :	1
Date & Time Acquired ::	2019-02-20 16:47:12	DataFile Name :	041SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	38452359	38530636	38459836	38480944	0.11	cps
Molybdenum	94-1	566375	572957	582818	574050	1.44	cps
Molybdenum	95-1	77142	76564	78667	77458	1.40	cps
Molybdenum	96-1	176760	175984	183351	178698	2.27	cps
Molybdenum	97-1	46945	47096	48232	47425	1.48	cps
Molybdenum	98-1	122348	121449	121727	121841	0.38	cps
Neodymium	150-1	572893	585116	586671	581560	1.30	cps
Neodymium	150-2	308985	312361	314422	311923	0.88	cps
Nickel	60-2	760252	755940	764793	760328	0.58	cps
Phosphorus	31-2	54492	53681	53698	53957	0.86	cps
Potassium	39-2	5999786	6076532	6155648	6077322	1.28	cps
Rhodium	103-1	17217573	16754846	16534775	16835731	2.07	cps
Rhodium	103-2	10328696	9936132	10346394	10203741	2.27	cps
Scandium	45-1	13121891	12900819	12727570	12916760	1.53	cps
Scandium	45-2	842595	816219	849129	835981	2.08	cps
Selenium	77-2	1683	1773	1740	1732	2.63	cps
Selenium	78-2	1415	1483	1457	1452	2.38	cps
Selenium	82-1	1152	1243	1043	1146	8.75	cps
Silicon	28-1	4593268	4770288	4728460	4697339	1.97	cps
Silver	109-1	1817	2234	1600	1884	17.09	cps
Silver	107-1	3867	3851	3876	3865	0.33	cps
Sodium	23-2	2117350	2142989	2135211	2131850	0.62	cps
Strontium	86-1	675927	685061	689162	683383	0.99	cps
Strontium	88-1	5956702	5919809	6040683	5972398	1.04	cps
Sulfur	34-1	673044	661705	664168	666306	0.90	cps
Terbium	159-1	22829192	22610633	22040418	22493414	1.81	cps
Terbium	159-2	14531303	14159043	14572434	14420926	1.58	cps
Thallium	203-1	11731	13099	12807	12545	5.74	cps
Thallium	205-1	30194	30796	31580	30856	2.25	cps
Thorium	232-1	1665641	1653566	1677121	1665442	0.71	cps
Tin	118-1	31469	29666	30050	30395	3.13	cps
Titanium	47-1	2008804	2000226	2034326	2014452	0.88	cps
Uranium	238-1	372543	374731	373504	373593	0.29	cps
Vanadium	51-2	1712598	1730688	1732875	1725387	0.65	cps
Yttrium	89-1	22613711	22445075	22037761	22365516	1.32	cps
Yttrium	89-2	4610670	4438076	4635054	4561267	2.35	cps

LB Number :	LB100928	Operator :	Jaswal
Lab Sample ID :	K1308-02	Instrumnet Name :	P7
Client Sample ID :	SB-18(34.5-35)	Dilution Factor :	1
Date & Time Acquired ::	2019-02-20 16:47:12	DataFile Name :	041SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zinc	66-2	853276	857717	854836	855276	0.26	cps
Zirconium	90-1	1452231	1453552	1481078	1462287	1.11	cps
Zirconium	91-1	324269	320442	330240	324984	1.52	cps

LB Number :	LB100928	Operator :	Jaswal
Lab Sample ID :	K1281-01DLX5	Instrumnet Name :	P7
Client Sample ID :	SB-16(35.5-36)DL	Dilution Factor :	5
Date & Time Acquired ::	2019-02-20 16:50:50	DataFile Name :	042SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	8875953	8991771	8912722	8926815	0.66	cps
Antimony	121-1	392	408	425	408	4.08	cps
Arsenic	75-2	41960	42328	42261	42183	0.46	cps
Barium	135-1	1158573	1156449	1148617	1154546	0.45	cps
Barium	137-1	2028663	2015857	2027934	2024151	0.36	cps
Beryllium	9-1	11041	11201	11404	11215	1.62	cps
Bismuth	209-1	13773343	13622282	13705790	13700472	0.55	cps
Bismuth	209-2	10427041	10457757	10453356	10446051	0.16	cps
Boron	10-1	16827	16576	16526	16643	0.97	cps
Boron	11-1	83600	85350	86355	85102	1.64	cps
Cadmium	111-1	14289	14625	14954	14623	2.27	cps
Cadmium	106-1	18863	19280	19748	19297	2.29	cps
Cadmium	108-1	1088	971	1017	1025	5.73	cps
Calcium	43-1	268240	262904	267687	266277	1.10	cps
Calcium	44-1	4525832	4448162	4461300	4478431	0.93	cps
Chromium	52-2	461231	461581	462561	461791	0.15	cps
Cobalt	59-2	608826	608144	616787	611252	0.79	cps
Copper	63-2	277814	275945	280915	278225	0.90	cps
Dysprosium	156-1	129853	131823	130299	130658	0.79	cps
Dysprosium	156-2	87299	87567	87691	87519	0.23	cps
Erbium	164-1	114682	115623	118041	116115	1.49	cps
Erbium	164-2	75025	75547	76425	75666	0.94	cps
Gadolinium	160-1	132335	131875	133364	132525	0.58	cps
Gadolinium	160-2	95517	95960	96863	96113	0.71	cps
Holmium	165-1	21880114	21708362	21376408	21654961	1.18	cps
Holmium	165-2	14695081	14692617	14692916	14693538	0.01	cps
Indium	115-1	17858977	17881735	17634757	17791823	0.77	cps
Indium	115-2	4950742	4982294	4987097	4973378	0.40	cps
Iron	56-2	543860557	551355301	549505812	548240557	0.71	cps
Iron	57-2	13571869	13618828	13519223	13569973	0.37	cps
Krypton	83-1	1967	1997	2107	2024	3.64	cps
Lead	206-1	280536	279539	279145	279740	0.26	cps
Lead	207-1	226781	230769	229520	229023	0.89	cps
Lead	208-1	1073966	1078478	1071500	1074648	0.33	cps
Lithium	6-1	4764130	4796783	4767747	4776220	0.37	cps
Magnesium	24-2	12194850	12308779	12243469	12249033	0.47	cps

LB Number :	LB100928	Operator :	Jaswal
Lab Sample ID :	K1281-01DLX5	Instrumnet Name :	P7
Client Sample ID :	SB-16(35.5-36)DL	Dilution Factor :	5
Date & Time Acquired ::	2019-02-20 16:50:50	DataFile Name :	042SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	11653036	11673592	11574782	11633803	0.45	cps
Molybdenum	94-1	196607	193371	197183	195720	1.05	cps
Molybdenum	95-1	14158	14066	13665	13963	1.87	cps
Molybdenum	96-1	51252	51335	50967	51185	0.38	cps
Molybdenum	97-1	8636	8770	8570	8659	1.18	cps
Molybdenum	98-1	21559	22026	22076	21887	1.30	cps
Neodymium	150-1	118324	116867	117957	117716	0.64	cps
Neodymium	150-2	61470	62107	62622	62066	0.93	cps
Nickel	60-2	312584	311543	314863	312997	0.54	cps
Phosphorus	31-2	9654	10387	10629	10223	4.97	cps
Potassium	39-2	4469194	4508711	4491273	4489726	0.44	cps
Rhodium	103-1	17114599	17525092	17211367	17283686	1.24	cps
Rhodium	103-2	10590016	10552368	10593000	10578461	0.21	cps
Scandium	45-1	12614654	12373128	12452099	12479960	0.99	cps
Scandium	45-2	804365	811361	817536	811087	0.81	cps
Selenium	77-2	537	447	507	497	9.23	cps
Selenium	78-2	563	620	574	586	5.20	cps
Selenium	82-1	733	632	596	654	10.91	cps
Silicon	28-1	3304710	2488954	4131927	3308530	24.83	cps
Silver	109-1	375	458	508	447	15.06	cps
Silver	107-1	1083	1233	1092	1136	7.42	cps
Sodium	23-2	669168	681103	667505	672592	1.10	cps
Strontium	86-1	375571	374881	387647	379366	1.89	cps
Strontium	88-1	3257093	3254353	3250544	3253997	0.10	cps
Sulfur	34-1	636981	629667	637218	634622	0.68	cps
Terbium	159-1	22525756	22434641	22576037	22512145	0.32	cps
Terbium	159-2	14579515	14461380	14552527	14531141	0.43	cps
Thallium	203-1	11147	11789	11739	11558	3.09	cps
Thallium	205-1	27438	27947	27412	27599	1.09	cps
Thorium	232-1	710770	720934	727853	719852	1.19	cps
Tin	118-1	4776	4534	4668	4659	2.60	cps
Titanium	47-1	421692	419675	413470	418279	1.02	cps
Uranium	238-1	133228	135176	138242	135549	1.86	cps
Vanadium	51-2	1414015	1420856	1423113	1419328	0.33	cps
Yttrium	89-1	20197756	20280026	20041369	20173050	0.60	cps
Yttrium	89-2	4111438	4144380	4149175	4134998	0.50	cps

LB Number :	LB100928	Operator :	Jaswal
Lab Sample ID :	K1281-01DLX5	Instrumnet Name :	P7
Client Sample ID :	SB-16(35.5-36)DL	Dilution Factor :	5
Date & Time Acquired ::	2019-02-20 16:50:50	DataFile Name :	042SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zinc	66-2	296343	297656	298892	297630	0.43	cps
Zirconium	90-1	521523	524896	519891	522103	0.49	cps
Zirconium	91-1	118517	115783	114834	116378	1.64	cps

LB Number :	LB100928	Operator :	Jaswal
Lab Sample ID :	K1281-02DLX5	Instrumnet Name :	P7
Client Sample ID :	SB-15(33.5-34)DL	Dilution Factor :	5
Date & Time Acquired ::	2019-02-20 16:54:27	DataFile Name :	043SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	7842740	7894930	7958037	7898569	0.73	cps
Antimony	121-1	2350	2625	2859	2611	9.75	cps
Arsenic	75-2	7183	6974	7011	7056	1.58	cps
Barium	135-1	907380	916382	903754	909172	0.72	cps
Barium	137-1	1598413	1624066	1592716	1605065	1.04	cps
Beryllium	9-1	10507	10587	10607	10567	0.50	cps
Bismuth	209-1	13609446	13592605	13753203	13651751	0.65	cps
Bismuth	209-2	10607162	10351161	10631449	10529924	1.47	cps
Boron	10-1	11980	11913	11805	11900	0.74	cps
Boron	11-1	56540	56917	57134	56864	0.53	cps
Cadmium	111-1	15066	15230	14908	15068	1.07	cps
Cadmium	106-1	18646	19122	18613	18794	1.52	cps
Cadmium	108-1	1071	1079	1150	1100	3.95	cps
Calcium	43-1	208181	211174	208413	209256	0.80	cps
Calcium	44-1	3511296	3538189	3514938	3521474	0.41	cps
Chromium	52-2	444889	443782	445546	444739	0.20	cps
Cobalt	59-2	437523	438238	439112	438291	0.18	cps
Copper	63-2	299133	297652	302159	299648	0.77	cps
Dysprosium	156-1	126426	124487	122520	124478	1.57	cps
Dysprosium	156-2	81862	83497	82627	82662	0.99	cps
Erbium	164-1	104979	103391	103309	103893	0.91	cps
Erbium	164-2	67841	66970	68544	67785	1.16	cps
Gadolinium	160-1	127333	124421	124313	125356	1.37	cps
Gadolinium	160-2	90865	88896	90218	89993	1.12	cps
Holmium	165-1	21662534	21560960	21418756	21547417	0.57	cps
Holmium	165-2	14727128	14315156	14636053	14559446	1.49	cps
Indium	115-1	17808432	17741810	17568511	17706251	0.70	cps
Indium	115-2	4981009	4970747	4978750	4976835	0.11	cps
Iron	56-2	332705685	331122830	334889041	332905852	0.57	cps
Iron	57-2	8190277	8223241	8282123	8231880	0.57	cps
Krypton	83-1	1917	2180	1830	1976	9.23	cps
Lead	206-1	316245	311321	309473	312346	1.12	cps
Lead	207-1	257368	256389	251407	255054	1.25	cps
Lead	208-1	1201184	1203763	1190031	1198326	0.61	cps
Lithium	6-1	4750614	4747181	4737264	4745020	0.15	cps
Magnesium	24-2	11216892	11067808	11228045	11170915	0.80	cps

LB Number :	LB100928	Operator :	Jaswal
Lab Sample ID :	K1281-02DLX5	Instrumnet Name :	P7
Client Sample ID :	SB-15(33.5-34)DL	Dilution Factor :	5
Date & Time Acquired ::	2019-02-20 16:54:27	DataFile Name :	043SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	8985320	9001938	8993633	8993630	0.09	cps
Molybdenum	94-1	206477	204193	209231	206634	1.22	cps
Molybdenum	95-1	23470	22702	22727	22966	1.90	cps
Molybdenum	96-1	60354	58262	60697	59771	2.21	cps
Molybdenum	97-1	13582	13816	13891	13763	1.17	cps
Molybdenum	98-1	36264	37342	36364	36657	1.62	cps
Neodymium	150-1	124257	125293	124103	124551	0.52	cps
Neodymium	150-2	64132	65411	64798	64781	0.99	cps
Nickel	60-2	265095	261137	261406	262546	0.84	cps
Phosphorus	31-2	13507	13715	13406	13543	1.16	cps
Potassium	39-2	3283656	3253752	3302064	3279824	0.74	cps
Rhodium	103-1	17107154	17049559	17368538	17175084	0.99	cps
Rhodium	103-2	10542579	10516088	10442292	10500320	0.49	cps
Scandium	45-1	12292476	12259555	12324611	12292214	0.26	cps
Scandium	45-2	813328	808477	806548	809451	0.43	cps
Selenium	77-2	440	567	530	512	12.73	cps
Selenium	78-2	570	606	665	614	7.78	cps
Selenium	82-1	801	525	799	708	22.39	cps
Silicon	28-1	2101105	1869789	1843779	1938224	7.31	cps
Silver	109-1	2367	2234	1984	2195	8.87	cps
Silver	107-1	2967	3025	3167	3053	3.37	cps
Sodium	23-2	761681	751137	762268	758362	0.83	cps
Strontium	86-1	219454	220284	222949	220896	0.83	cps
Strontium	88-1	1941352	1917827	1921352	1926844	0.66	cps
Sulfur	34-1	627570	623277	618372	623073	0.74	cps
Terbium	159-1	22098309	22232754	22396333	22242465	0.67	cps
Terbium	159-2	14701848	14434609	14688936	14608464	1.03	cps
Thallium	203-1	13766	14584	13257	13869	4.83	cps
Thallium	205-1	33384	31981	32349	32571	2.23	cps
Thorium	232-1	599355	592858	593080	595098	0.62	cps
Tin	118-1	10905	10529	10830	10755	1.85	cps
Titanium	47-1	548023	562768	535388	548727	2.50	cps
Uranium	238-1	114210	114850	118589	115883	2.04	cps
Vanadium	51-2	458874	457845	454879	457199	0.45	cps
Yttrium	89-1	19877903	19819678	19886053	19861212	0.18	cps
Yttrium	89-2	4074418	4065315	4083908	4074547	0.23	cps

LB Number :	LB100928	Operator :	Jaswal
Lab Sample ID :	K1281-02DLX5	Instrumnet Name :	P7
Client Sample ID :	SB-15(33.5-34)DL	Dilution Factor :	5
Date & Time Acquired ::	2019-02-20 16:54:27	DataFile Name :	043SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zinc	66-2	283522	283788	283999	283770	0.08	cps
Zirconium	90-1	545038	541883	534819	540580	0.97	cps
Zirconium	91-1	121133	118119	118875	119376	1.31	cps

LB Number :	LB100928	Operator :	Jaswal
Lab Sample ID :	CCV11	Instrumnet Name :	P7
Client Sample ID :	CCV11	Dilution Factor :	1
Date & Time Acquired ::	2019-02-20 16:58:49	DataFile Name :	044CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	19839389	19831716	20037648	19902917	0.59	cps
Antimony	121-1	8666683	8679850	8795836	8714123	0.82	cps
Arsenic	75-2	511786	519224	520939	517316	0.94	cps
Barium	135-1	11634725	11603959	11719215	11652633	0.51	cps
Barium	137-1	20256801	20186979	20341360	20261713	0.38	cps
Beryllium	9-1	2511997	2496954	2527488	2512146	0.61	cps
Bismuth	209-1	11428227	11589679	11572370	11530092	0.77	cps
Bismuth	209-2	8930637	9080245	9008417	9006433	0.83	cps
Boron	10-1	520539	526475	534749	527254	1.35	cps
Boron	11-1	2529593	2577084	2602665	2569781	1.44	cps
Cadmium	111-1	2968514	2944346	3056098	2989653	1.97	cps
Cadmium	106-1	353060	353444	363700	356735	1.69	cps
Cadmium	108-1	233452	232717	240735	235635	1.88	cps
Calcium	43-1	16796986	16915631	16935579	16882732	0.44	cps
Calcium	44-1	258528097	259671406	263369123	260522875	0.97	cps
Chromium	52-2	4925023	4946100	4968711	4946611	0.44	cps
Cobalt	59-2	7729016	7892357	7863594	7828322	1.11	cps
Copper	63-2	11362020	11461291	11489449	11437587	0.59	cps
Dysprosium	156-1	375	400	375	383	3.77	cps
Dysprosium	156-2	360	357	317	344	7.00	cps
Erbium	164-1	125	117	108	117	7.14	cps
Erbium	164-2	107	93	83	94	12.39	cps
Gadolinium	160-1	367	358	333	353	4.92	cps
Gadolinium	160-2	440	550	487	492	11.22	cps
Holmium	165-1	20462835	20464950	20843570	20590452	1.06	cps
Holmium	165-2	14066100	14229765	14122434	14139433	0.59	cps
Indium	115-1	16087932	16080352	16458206	16208830	1.33	cps
Indium	115-2	4668468	4726433	4692233	4695711	0.62	cps
Iron	56-2	1080185469	1078356024	1083250913	1080597469	0.23	cps
Iron	57-2	26702819	26915440	27107087	26908449	0.75	cps
Krypton	83-1	1833	1800	1617	1750	6.67	cps
Lead	206-1	7342543	7383614	7465589	7397248	0.85	cps
Lead	207-1	6606968	6670788	6567574	6615110	0.79	cps
Lead	208-1	29690841	29826893	29780552	29766096	0.23	cps
Lithium	6-1	4183702	4175373	4181439	4180171	0.10	cps
Magnesium	24-2	203326142	204903555	206260480	204830059	0.72	cps

LB Number :	LB100928	Operator :	Jaswal
Lab Sample ID :	CCV11	Instrumnet Name :	P7
Client Sample ID :	CCV11	Dilution Factor :	1
Date & Time Acquired ::	2019-02-20 16:58:49	DataFile Name :	044CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	6277233	6353429	6358835	6329832	0.72	cps
Molybdenum	94-1	22319492	22038437	22274134	22210688	0.68	cps
Molybdenum	95-1	27923499	28081220	28157676	28054132	0.43	cps
Molybdenum	96-1	30947322	30756476	31109644	30937814	0.57	cps
Molybdenum	97-1	17127582	17348835	17392101	17289506	0.82	cps
Molybdenum	98-1	44772027	45415232	45038358	45075206	0.72	cps
Neodymium	150-1	1220	1180	1267	1222	3.55	cps
Neodymium	150-2	260	250	200	237	13.58	cps
Nickel	60-2	2041293	2040490	2066705	2049496	0.73	cps
Phosphorus	31-2	234845	233712	233803	234120	0.27	cps
Potassium	39-2	103741256	105194269	105478569	104804698	0.89	cps
Rhodium	103-1	15118584	15042562	15083298	15081481	0.25	cps
Rhodium	103-2	9421243	9394714	9439443	9418467	0.24	cps
Scandium	45-1	11606938	11729691	11613196	11649942	0.59	cps
Scandium	45-2	804070	802558	806594	804407	0.25	cps
Selenium	77-2	16897	17127	17381	17135	1.41	cps
Selenium	78-2	57491	58945	58584	58340	1.30	cps
Selenium	82-1	233694	234707	237885	235429	0.93	cps
Silicon	28-1	7638192	7693802	7901831	7744609	1.79	cps
Silver	109-1	14346172	14365854	14445919	14385982	0.37	cps
Silver	107-1	15016894	15071314	15205557	15097922	0.64	cps
Sodium	23-2	390392175	394020375	397919017	394110523	0.96	cps
Strontium	86-1	3900597	3922914	3934597	3919369	0.44	cps
Strontium	88-1	34313266	34174137	34536311	34341238	0.53	cps
Sulfur	34-1	2157190	2140792	2146094	2148025	0.39	cps
Terbium	159-1	21272059	21222453	21349546	21281352	0.30	cps
Terbium	159-2	13985861	14197650	14198564	14127359	0.87	cps
Thallium	203-1	9361388	9184423	9375214	9307008	1.14	cps
Thallium	205-1	22252701	21692305	22180912	22041973	1.38	cps
Thorium	232-1	30891300	32409654	31808903	31703285	2.41	cps
Tin	118-1	8344970	8354212	8349212	8349465	0.06	cps
Titanium	47-1	8244807	8243740	8327890	8272146	0.58	cps
Uranium	238-1	29874294	30384411	30151440	30136715	0.85	cps
Vanadium	51-2	3933416	3985626	3981645	3966896	0.73	cps
Yttrium	89-1	17595106	17661311	17833726	17696714	0.70	cps
Yttrium	89-2	3767476	3824021	3811133	3800877	0.78	cps

LB Number :	LB100928	Operator :	Jaswal
Lab Sample ID :	CCV11	Instrumnet Name :	P7
Client Sample ID :	CCV11	Dilution Factor :	1
Date & Time Acquired ::	2019-02-20 16:58:49	DataFile Name :	044CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zinc	66-2	1877120	1875054	1894985	1882386	0.58	cps
Zirconium	90-1	17458384	17188496	17393509	17346796	0.81	cps
Zirconium	91-1	3776270	3817755	3875193	3823073	1.30	cps

LB Number : LB100928 Operator : Jaswal
 Lab Sample ID : CCB11 Instrumnet Name : P7
 Client Sample ID : CCB11 Dilution Factor : 1
 Date & Time Acquired :: 2019-02-20 17:05:21 DataFile Name : 045CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	383	450	342	392	13.95	cps
Antimony	121-1	1600	1759	1950	1770	9.91	cps
Arsenic	75-2	39	35	17	30	39.36	cps
Barium	135-1	483	317	367	389	21.99	cps
Barium	137-1	717	592	567	625	12.86	cps
Beryllium	9-1	310	270	260	280	9.45	cps
Bismuth	209-1	13864565	14075768	14016007	13985447	0.78	cps
Bismuth	209-2	11081277	11038591	11012775	11044214	0.31	cps
Boron	10-1	8828	8761	8561	8717	1.59	cps
Boron	11-1	43372	41558	39862	41597	4.22	cps
Cadmium	111-1	11203	11329	11229	11254	0.59	cps
Cadmium	106-1	15784	15926	15826	15846	0.46	cps
Cadmium	108-1	42	46	71	53	29.89	cps
Calcium	43-1	1475	1442	1367	1428	3.89	cps
Calcium	44-1	202775	198892	195412	199026	1.85	cps
Chromium	52-2	4641	4804	4981	4809	3.54	cps
Cobalt	59-2	230	257	213	233	9.37	cps
Copper	63-2	2854	2964	3054	2957	3.39	cps
Dysprosium	156-1	8	42	25	25	66.68	cps
Dysprosium	156-2	0	7	0	2	173.21	cps
Erbium	164-1	117	50	100	89	39.03	cps
Erbium	164-2	43	70	70	61	25.20	cps
Gadolinium	160-1	167	225	167	186	18.09	cps
Gadolinium	160-2	400	503	447	450	11.50	cps
Holmium	165-1	21841907	21537018	21584507	21654477	0.76	cps
Holmium	165-2	14940210	15004971	15190440	15045207	0.86	cps
Indium	115-1	18285664	18518031	18560752	18454816	0.80	cps
Indium	115-2	5230550	5292668	5322504	5281907	0.89	cps
Iron	56-2	41994	38903	35739	38878	8.05	cps
Iron	57-2	1239	933	833	1002	21.09	cps
Krypton	83-1	1767	1827	1810	1801	1.72	cps
Lead	206-1	1422	1433	1345	1400	3.46	cps
Lead	207-1	1322	1089	1283	1232	10.15	cps
Lead	208-1	5834	5428	5195	5486	5.89	cps
Lithium	6-1	4552736	4592978	4578308	4574674	0.45	cps
Magnesium	24-2	3926	3200	3259	3462	11.64	cps

LB Number :	LB100928	Operator :	Jaswal
Lab Sample ID :	CCB11	Instrumnet Name :	P7
Client Sample ID :	CCB11	Dilution Factor :	1
Date & Time Acquired ::	2019-02-20 17:05:21	DataFile Name :	045CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	180	233	173	196	16.82	cps
Molybdenum	94-1	2184	1842	1892	1972	9.36	cps
Molybdenum	95-1	2384	1900	1650	1978	18.85	cps
Molybdenum	96-1	2934	2409	1934	2425	20.63	cps
Molybdenum	97-1	1450	1325	1100	1292	13.73	cps
Molybdenum	98-1	3767	3175	2400	3114	22.01	cps
Neodymium	150-1	0	7	7	4	86.60	cps
Neodymium	150-2	0	0	0	0	0.00	cps
Nickel	60-2	323	257	330	303	13.37	cps
Phosphorus	31-2	458	533	550	514	9.50	cps
Potassium	39-2	75760	75333	74588	75227	0.79	cps
Rhodium	103-1	18000971	18191978	18198452	18130467	0.62	cps
Rhodium	103-2	11254376	11339160	11267962	11287166	0.40	cps
Scandium	45-1	12169732	12505123	12422933	12365929	1.41	cps
Scandium	45-2	824671	843061	842289	836674	1.24	cps
Selenium	77-2	0	0	0	0	0.00	cps
Selenium	78-2	269	259	224	251	9.36	cps
Selenium	82-1	479	429	407	438	8.39	cps
Silicon	28-1	660479	655360	661415	659085	0.49	cps
Silver	109-1	775	817	758	783	3.84	cps
Silver	107-1	950	1058	792	933	14.37	cps
Sodium	23-2	73246	70073	69478	70932	2.86	cps
Strontium	86-1	3025	3134	3167	3109	2.38	cps
Strontium	88-1	1492	1250	992	1245	20.09	cps
Sulfur	34-1	804996	805423	794791	801737	0.75	cps
Terbium	159-1	22524165	22615911	22562924	22567667	0.20	cps
Terbium	159-2	14963628	14764344	15102738	14943570	1.14	cps
Thallium	203-1	1834	1609	1717	1720	6.54	cps
Thallium	205-1	3984	3626	3417	3676	7.80	cps
Thorium	232-1	3523	3228	3084	3278	6.82	cps
Tin	118-1	1900	1875	1750	1842	4.36	cps
Titanium	47-1	1625	1642	1483	1583	5.49	cps
Uranium	238-1	850	767	900	839	8.03	cps
Vanadium	51-2	87	63	57	69	22.87	cps
Yttrium	89-1	19101848	19369035	19326233	19265705	0.74	cps
Yttrium	89-2	4042838	4077065	4035067	4051657	0.55	cps

LB Number :	LB100928	Operator :	Jaswal
Lab Sample ID :	CCB11	Instrumnet Name :	P7
Client Sample ID :	CCB11	Dilution Factor :	1
Date & Time Acquired ::	2019-02-20 17:05:21	DataFile Name :	045CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zinc	66-2	750	730	780	753	3.34	cps
Zirconium	90-1	2609	2659	2892	2720	5.56	cps
Zirconium	91-1	475	550	533	519	7.58	cps