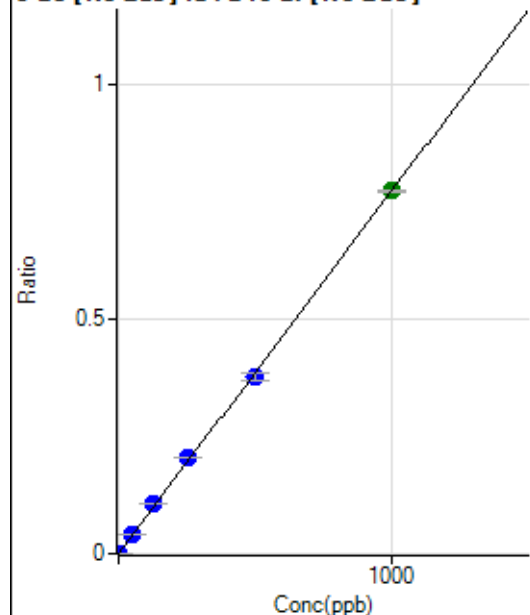


Calibration for 003CALB.d

Batch Folder: D:\ICP-MS Data\P7092818MS.b\
 Analysis File: P7092818MS.batch.bin
 DA Date-Time: 2018-09-28 23:55:43
 Calibration Title:
 Calibration Method: External Calibration
 VIS Interpolation Fit:

Level	Standard Data File	Sample Name	Acq. Date-Time
1	003CALB.d	S00	2018-09-28 15:41:35
2			
3	005CALS.d	S02	2018-09-28 15:49:58
4	006CALS.d	S03	2018-09-28 15:53:52
5	007CALS.d	S04	2018-09-28 15:58:04
6	008CALS.d	S05	2018-09-28 16:01:53
7	009CALS.d	S06	2018-09-28 16:05:41
8	010CALS.d	S07	2018-09-28 16:09:26
9	011CALS.d	S08	2018-09-28 16:13:12

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



	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	68.52	0.0000	P	26.4
2	☐	0.100					
3	☐	1.000	1.015	2937.41	0.0008	P	6.1
4	☐	50.000	54.810	146740.05	0.0424	P	1.0
5	☐	125.000	136.538	344977.75	0.1055	P	0.8
6	☐	250.000	264.550	632580.41	0.2044	P	0.2
7	☐	500.000	488.030	1196276.58	0.3771	P	4.4
8	☐	1000.000	1000.665	2353647.82	0.7732	A	0.3
9	☐			416.68	0.0001	P	15.2

$$y = 7.7269E-004 * x + 1.9569E-005$$

$$R = 0.9997$$

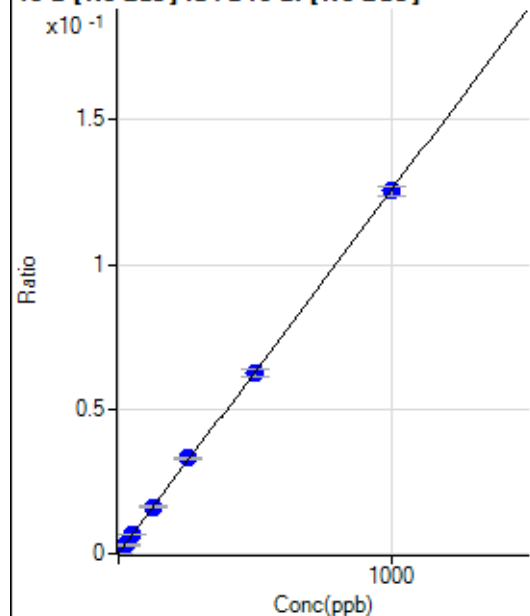
$$DL = 0.02005$$

$$BEC = 0.02533$$

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	616.70	0.0002	P	23.4
2	☐	2.500					
3	☐	25.000	23.080	11224.01	0.0031	P	7.3
4	☐	50.000	51.750	23101.63	0.0067	P	1.2
5	☐	125.000	127.858	53032.68	0.0162	P	2.9
6	☐	250.000	261.058	101920.74	0.0329	P	1.8
7	☐	500.000	497.751	198698.06	0.0626	P	4.7
8	☐	1000.000	997.963	381765.28	0.1254	P	2.4
9	☐			23268.52	0.0078	P	6.3

$$y = 1.2550E-004 * x + 1.7611E-004$$

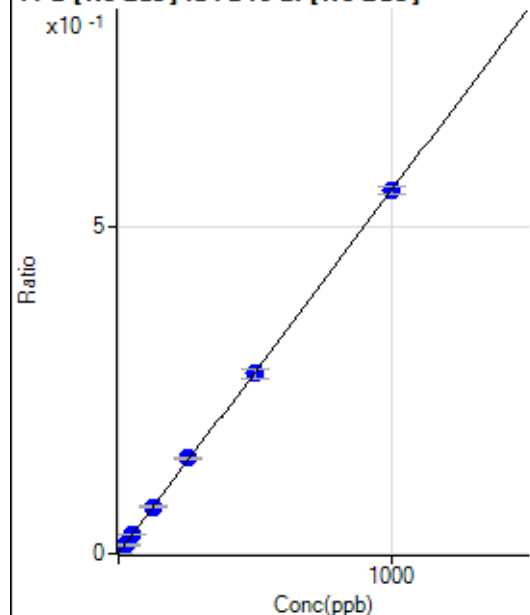
$$R = 0.9999$$

$$DL = 0.9845$$

$$BEC = 1.403$$

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	2558.66	0.0007	P	6.7
2	☐	2.500					
3	☐	25.000	22.923	49186.44	0.0135	P	7.5
4	☐	50.000	51.387	101400.23	0.0293	P	1.5
5	☐	125.000	128.252	235325.35	0.0720	P	2.8
6	☐	250.000	262.737	453934.02	0.1467	P	1.5
7	☐	500.000	495.734	875832.42	0.2761	P	5.1
8	☐	1000.000	998.525	1690865.25	0.5555	P	2.2
9	☐			101783.91	0.0342	P	7.2

$$y = 5.5557E-004 * x + 7.3041E-004$$

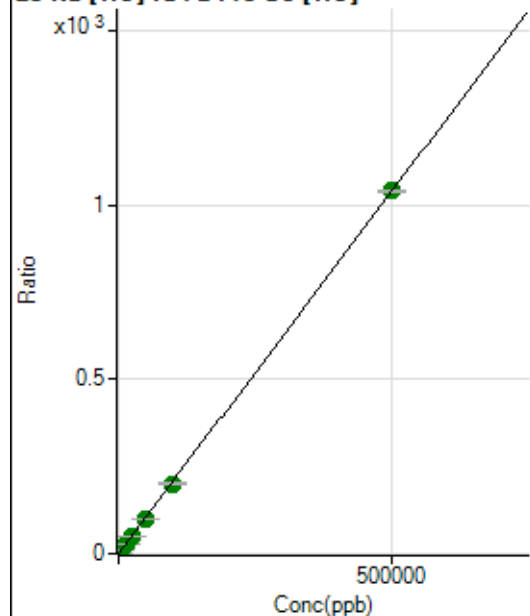
$$R = 0.9999$$

$$DL = 0.2636$$

$$BEC = 1.315$$

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	7004.65	0.0287	P	4.7
2	☐	50.000					
3	☐	500.000	485.956	253777.91	1.0394	P	1.6
4	☐	5000.000	4799.371	2300723.53	10.0100	A	0.4
5	☐	12500.000	12211.137	5429086.71	25.4243	A	0.5
6	☐	25000.000	24090.139	10393125.84	50.1290	A	0.8
7	☐	50000.000	47443.935	20678120.43	98.6980	A	1.1
8	☐	100000.00	96647.873	42129632.19	201.0275	A	1.6
9	☐	500000.00	500980.76	228049330.1	1,041.919	A	0.4

$$y = 0.0021 * x + 0.0287$$

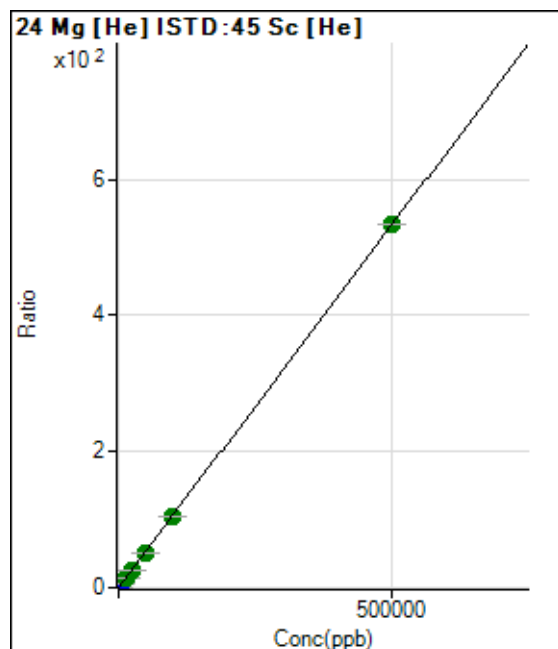
$$R = 1.0000$$

$$DL = 1.941$$

$$BEC = 13.82$$

Weight: <None>

Min Conc: 0



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	158.34	0.0007	P	19.2
2	☐	50.000					
3	☐	500.000	487.134	126773.71	0.5192	P	1.2
4	☐	5000.000	4895.614	1197937.11	5.2120	P	0.6
5	☐	12500.000	12471.241	2834957.94	13.2763	A	0.9
6	☐	25000.000	24564.065	5421437.45	26.1491	A	0.7
7	☐	50000.000	48289.408	10769993.73	51.4047	A	0.9
8	☐	100000.00	97600.833	21774599.27	103.8966	A	1.3
9	☐	500000.00	500674.46	116653606.7	532.9680	A	0.1

$$y = 0.0011 * x + 6.5056E-004$$

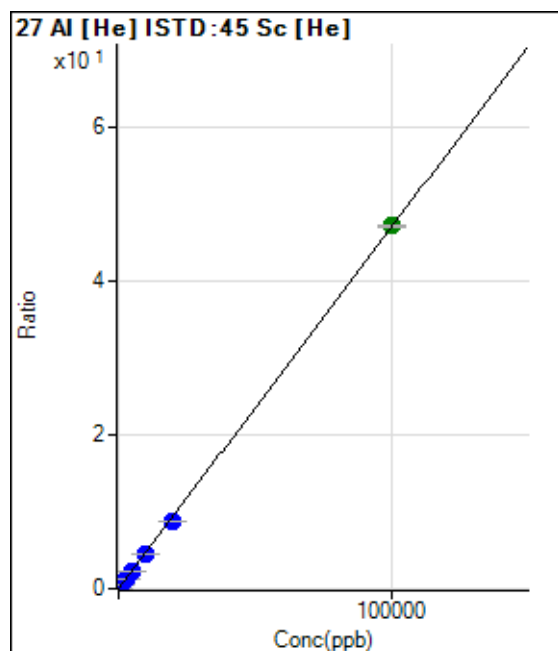
$$R = 1.0000$$

$$DL = 0.3526$$

$$BEC = 0.6111$$

Weight: <None>

Min Conc: 0



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	66.67	0.0003	P	20.3
2	☐	2.000					
3	☐	20.000	18.633	2208.58	0.0090	P	9.0
4	☐	1000.000	969.436	104838.13	0.4561	P	1.4
5	☐	2500.000	2451.302	246195.28	1.1530	P	1.2
6	☐	5000.000	4750.850	463229.55	2.2343	P	0.6
7	☐	10000.000	9365.151	922734.36	4.4041	P	0.5
8	☐	20000.000	18639.171	1837040.15	8.7650	P	1.0
9	☐	100000.00	100349.63	10328473.84	47.1880	A	0.7

$$y = 4.7023E-004 * x + 2.7291E-004$$

$$R = 0.9999$$

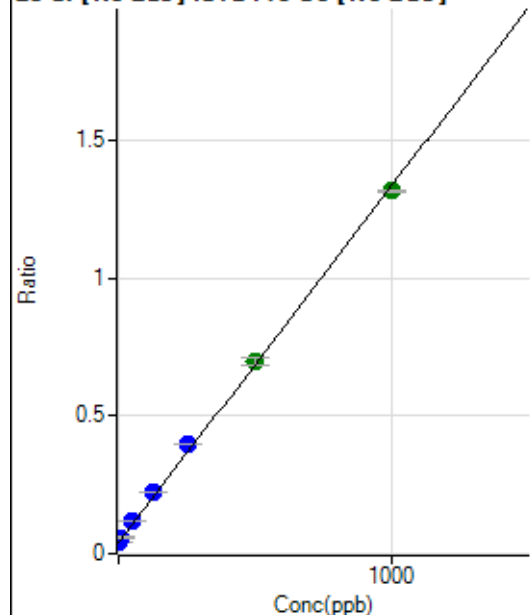
$$DL = 0.3537$$

$$BEC = 0.5804$$

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	204244.39	0.0399	P	0.1
2	☐	1.000					
3	☐	10.000	13.668	304840.05	0.0577	P	8.7
4	☐	50.000	59.549	575839.16	0.1172	P	0.5
5	☐	125.000	142.711	1038209.85	0.2250	P	1.2
6	☐	250.000	277.553	1768973.26	0.3999	P	0.8
7	☐	500.000	507.713	3212911.34	0.6983	A	4.3
8	☐	1000.000	986.527	5835385.94	1.3192	A	0.7
9	☐			355774.16	0.0821	P	2.5

$$y = 0.0013 * x + 0.0399$$

$$R = 0.9995$$

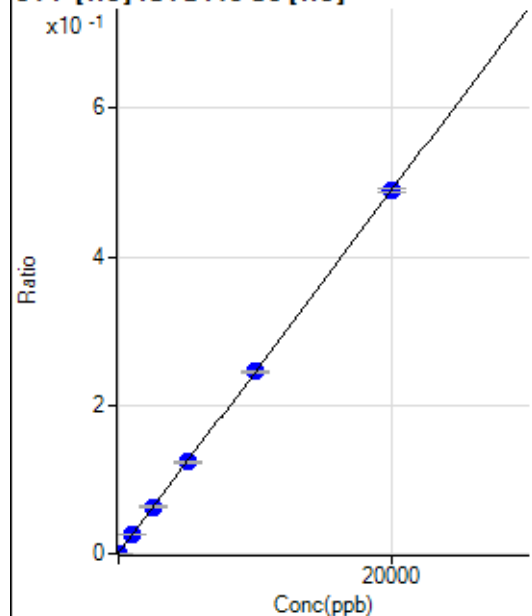
$$DL = 0.07597$$

$$BEC = 30.8$$

Weight: <None>

Min Conc: 0

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



	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	-1.384	141.67	0.0006	P	10.7
2	☐	0.000					
3	☐	0.000	1.384	158.34	0.0006	P	14.0
4	☐	1000.000	1015.019	5845.79	0.0254	P	2.3
5	☐	2500.000	2562.853	13512.15	0.0633	P	3.3
6	☐	5000.000	5034.500	25650.57	0.1237	P	2.7
7	☐	10000.000	10025.103	51489.59	0.2458	P	1.4
8	☐	20000.000	19970.216	102487.10	0.4889	P	1.0
9	☐			197.23	0.0009	P	32.4

$$y = 2.4453E-005 * x + 6.1460E-004$$

$$R = 1.0000$$

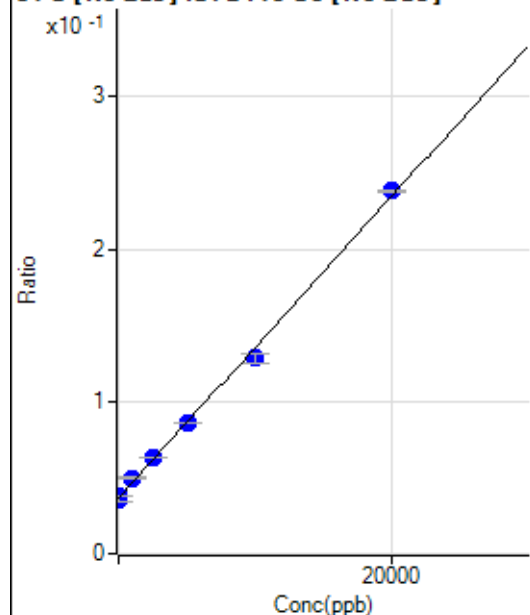
$$DL = 9.378$$

$$BEC = 25.13$$

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	94.094	191925.50	0.0375	P	1.2
2	☐	0.000					
3	☐	0.000	-94.094	188497.87	0.0357	P	9.4
4	☐	1000.000	1318.152	244030.70	0.0497	P	1.2
5	☐	2500.000	2642.661	289609.98	0.0628	P	0.8
6	☐	5000.000	4951.137	378730.55	0.0856	P	0.8
7	☐	10000.000	9243.440	589325.43	0.1281	P	4.3
8	☐	20000.000	20356.756	1053068.42	0.2381	P	0.8
9	☐			162245.64	0.0374	P	2.7

$$y = 9.8968\text{E-}006 * x + 0.0366$$

$$R = 0.9987$$

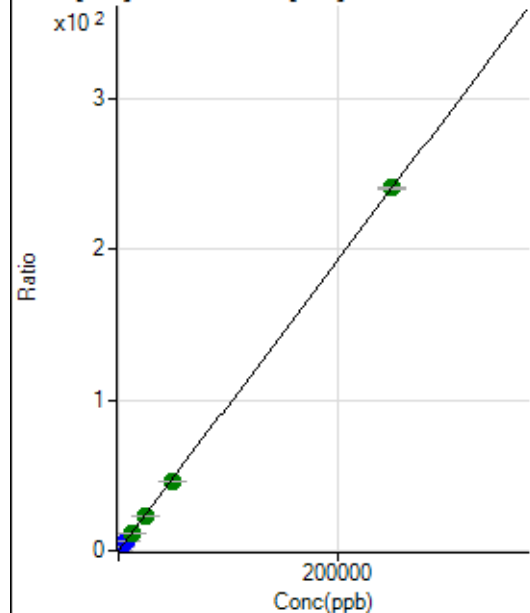
$$DL = 576.5$$

$$BEC = 3699$$

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	10579.13	0.0434	P	0.7
2	☐	50.000					
3	☐	500.000	489.069	125112.41	0.5124	P	2.2
4	☐	2500.000	2421.694	543796.31	2.3660	P	0.6
5	☐	6250.000	6025.183	1243231.29	5.8219	P	0.2
6	☐	12500.000	11900.639	2375312.32	11.4568	A	0.8
7	☐	25000.000	23531.672	4737486.52	22.6117	A	0.6
8	☐	50000.000	47683.021	9593535.02	45.7743	A	1.1
9	☐	250000.00	250646.62	52624563.68	240.4289	A	0.4

$$y = 9.5906\text{E-}004 * x + 0.0434$$

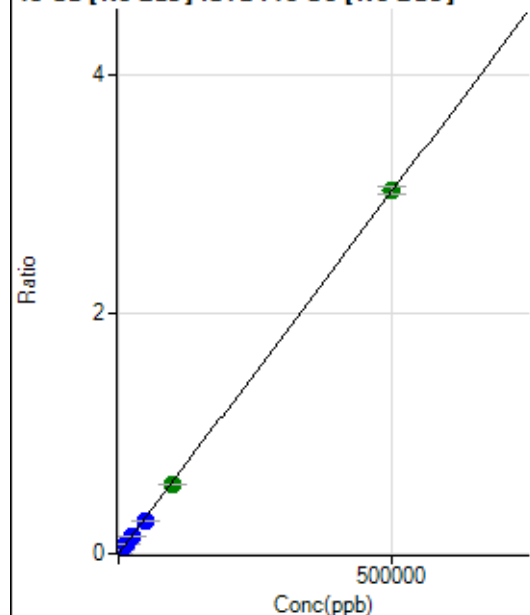
$$R = 0.9999$$

$$DL = 0.9904$$

$$BEC = 45.26$$

Weight: <None>

Min Conc: 0

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	100.00	0.0000	P	16.2
2	☐	50.000					
3	☐	500.000	452.353	14521.47	0.0028	P	11.0
4	☐	5000.000	4951.522	147030.33	0.0299	P	0.7
5	☐	12500.000	12570.967	350322.00	0.0759	P	0.4
6	☐	25000.000	24481.138	654011.86	0.1478	P	0.2
7	☐	50000.000	45326.166	1259173.65	0.2737	P	4.4
8	☐	100000.00	95788.158	2558294.83	0.5784	A	0.2
9	☐	500000.00	501334.45	13118908.71	3.0270	A	2.0

$$y = 6.0378\text{E-}006 * x + 1.9549\text{E-}005$$

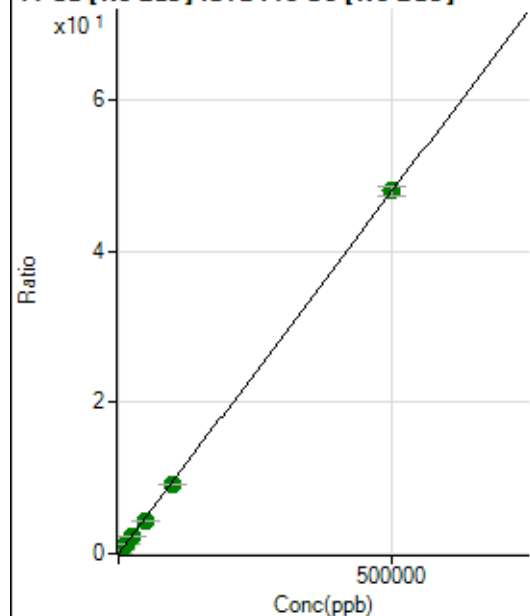
$$R = 0.9999$$

$$DL = 1.576$$

$$BEC = 3.238$$

Weight: <None>

Min Conc: 0

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	4715.06	0.0009	P	5.2
2	☐	50.000					
3	☐	500.000	452.421	233226.98	0.0442	P	10.0
4	☐	5000.000	4774.204	2246776.92	0.4572	A	0.4
5	☐	12500.000	12045.729	5315903.72	1.1520	A	0.1
6	☐	25000.000	24154.165	10215645.89	2.3091	A	0.1
7	☐	50000.000	45298.198	19920903.74	4.3297	A	4.2
8	☐	100000.00	95259.125	40269574.16	9.1040	A	0.2
9	☐	500000.00	501474.30	207684065.7	47.9224	A	2.4

$$y = 9.5561\text{E-}005 * x + 9.2216\text{E-}004$$

$$R = 0.9999$$

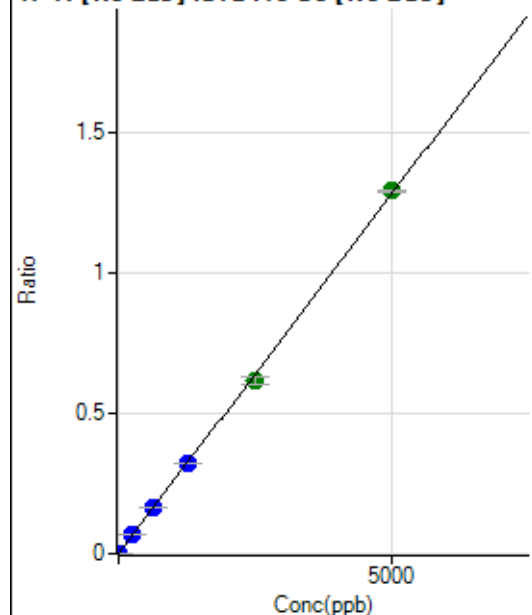
$$DL = 1.492$$

$$BEC = 9.65$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	52.78	0.0000	P	17.9
2	☐	0.500					
3	☐	5.000	5.029	6846.29	0.0013	P	10.1
4	☐	250.000	255.858	321596.98	0.0654	P	0.7
5	☐	625.000	638.653	753603.94	0.1633	P	0.5
6	☐	1250.000	1253.224	1417722.60	0.3205	P	0.6
7	☐	2500.000	2402.117	2825729.16	0.6142	A	4.8
8	☐	5000.000	5046.136	5707478.08	1.2903	A	0.3
9	☐			1747.40	0.0004	P	3.7

$$y = 2.5571\text{E-}004 * x + 1.0319\text{E-}005$$

$$R = 0.9997$$

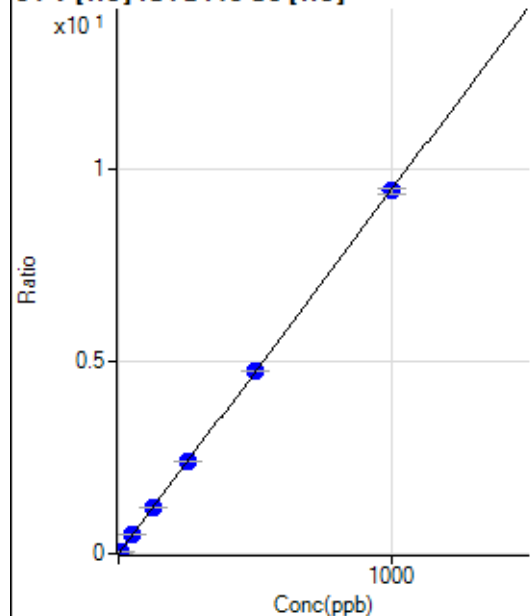
$$DL = 0.0217$$

$$BEC = 0.04035$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	6.67	0.0000	P	48.9
2	☐	0.500					
3	☐	5.000	5.068	11722.60	0.0480	P	3.9
4	☐	50.000	50.720	110407.86	0.4804	P	0.6
5	☐	125.000	128.675	260225.13	1.2186	P	0.6
6	☐	250.000	255.238	501159.78	2.4172	P	0.5
7	☐	500.000	502.355	996792.70	4.7575	P	0.2
8	☐	1000.000	997.018	1978840.23	9.4422	P	1.6
9	☐			1187.84	0.0054	P	2.2

$$y = 0.0095 * x + 2.7212\text{E-}005$$

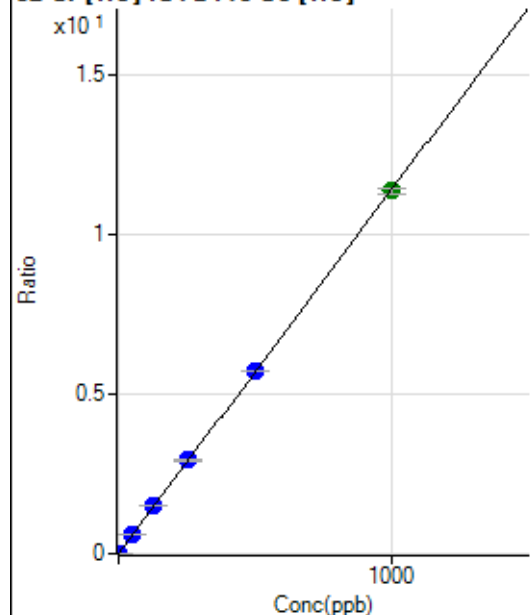
$$R = 1.0000$$

$$DL = 0.004213$$

$$BEC = 0.002873$$

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	464.46	0.0019	P	14.9
2	☐	0.200					
3	☐	2.000	2.137	6417.05	0.0263	P	1.7
4	☐	50.000	51.724	136024.31	0.5918	P	0.5
5	☐	125.000	130.383	317946.36	1.4889	P	0.6
6	☐	250.000	256.473	606860.48	2.9270	P	0.4
7	☐	500.000	501.171	1197983.58	5.7178	P	0.7
8	☐	1000.000	997.037	2383523.78	11.3732	A	1.5
9	☐			113652.65	0.5193	P	0.2

$$y = 0.0114 * x + 0.0019$$

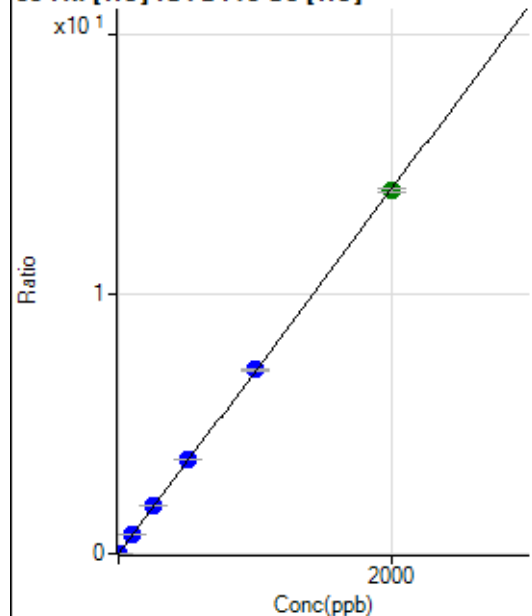
$$R = 1.0000$$

$$DL = 0.07476$$

$$BEC = 0.1673$$

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	54.44	0.0002	P	29.1
2	☐	0.100					
3	☐	1.000	1.032	1821.25	0.0075	P	4.6
4	☐	100.000	103.245	166521.25	0.7245	P	0.8
5	☐	250.000	262.792	393709.92	1.8437	P	0.6
6	☐	500.000	517.105	752145.88	3.6278	P	0.5
7	☐	1000.000	1007.533	1480919.84	7.0682	P	0.2
8	☐	2000.000	1990.196	2926115.96	13.9617	A	1.2
9	☐			19500.87	0.0891	P	0.7

$$y = 0.0070 * x + 2.2295E-004$$

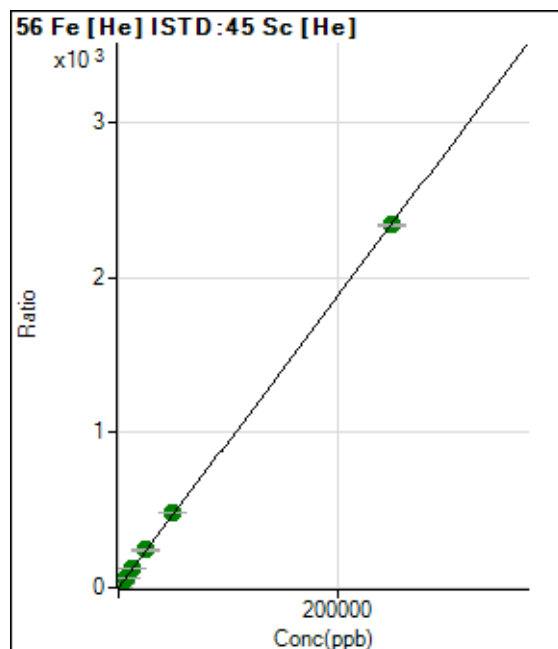
$$R = 0.9999$$

$$DL = 0.02772$$

$$BEC = 0.03178$$

Weight: <None>

Min Conc: 0



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	3087.44	0.0127	P	3.8
2	☐	5.000					
3	☐	50.000	52.576	123537.43	0.5060	P	1.9
4	☐	2500.000	2604.478	5619853.43	24.4510	A	0.7
5	☐	6250.000	6633.393	13293947.40	62.2552	A	0.6
6	☐	12500.000	13071.791	25432404.50	122.6680	A	0.8
7	☐	25000.000	25828.481	50779241.87	242.3668	A	0.6
8	☐	50000.000	51576.721	101426867.0	483.9680	A	1.5
9	☐	250000.00	249562.58	512540848.4	2,341.711	A	0.3

$$y = 0.0094 * x + 0.0127$$

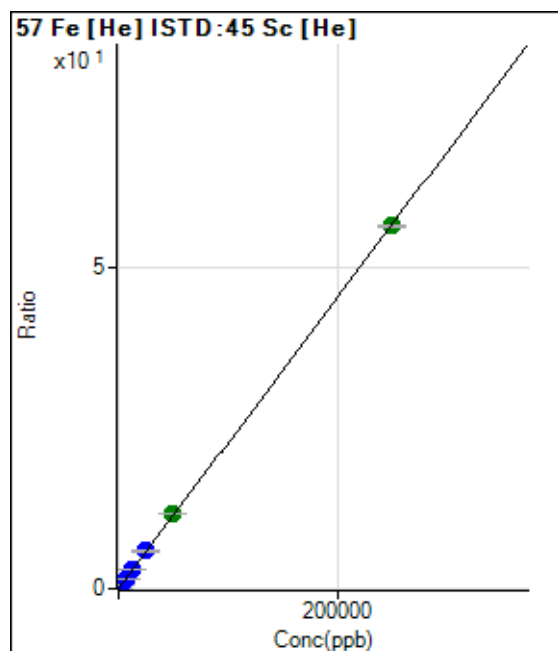
$$R = 1.0000$$

$$DL = 0.1553$$

$$BEC = 1.349$$

Weight: <None>

Min Conc: 0



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	105.56	0.0004	P	23.0
2	☐	5.000					
3	☐	50.000	56.067	3206.00	0.0131	P	6.4
4	☐	2500.000	2649.880	138014.86	0.6005	P	0.4
5	☐	6250.000	6710.700	324584.46	1.5200	P	0.5
6	☐	12500.000	13206.174	620100.87	2.9909	P	0.3
7	☐	25000.000	25816.224	1224917.84	5.8463	P	0.5
8	☐	50000.000	51519.409	2445004.51	11.6667	A	1.6
9	☐	250000.00	249566.17	12369307.80	56.5130	A	0.3

$$y = 2.2644E-004 * x + 4.3215E-004$$

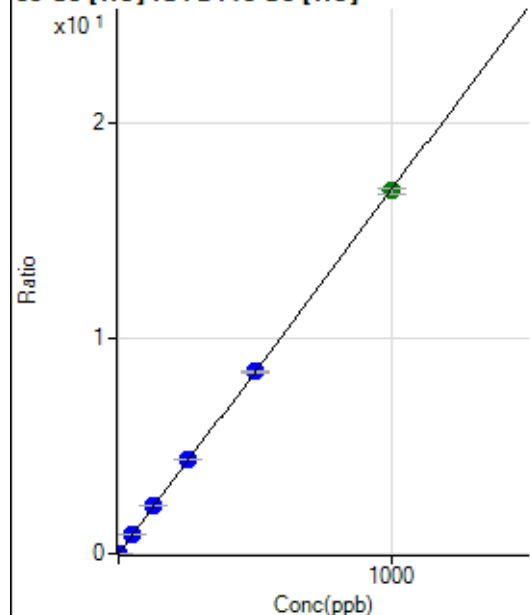
$$R = 1.0000$$

$$DL = 1.317$$

$$BEC = 1.908$$

Weight: <None>

Min Conc: 0

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

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	78.89	0.0003	P	21.7
2	☐	0.100					
3	☐	1.000	1.042	4372.94	0.0179	P	2.3
4	☐	50.000	52.715	204648.65	0.8904	P	0.5
5	☐	125.000	132.884	479184.24	2.2440	P	0.2
6	☐	250.000	258.981	906665.80	4.3731	P	0.3
7	☐	500.000	500.126	1769278.46	8.4446	P	0.6
8	☐	1000.000	996.571	3526462.14	16.8268	A	1.5
9	☐			45577.29	0.2082	P	1.8

$$y = 0.0169 * x + 3.2413E-004$$

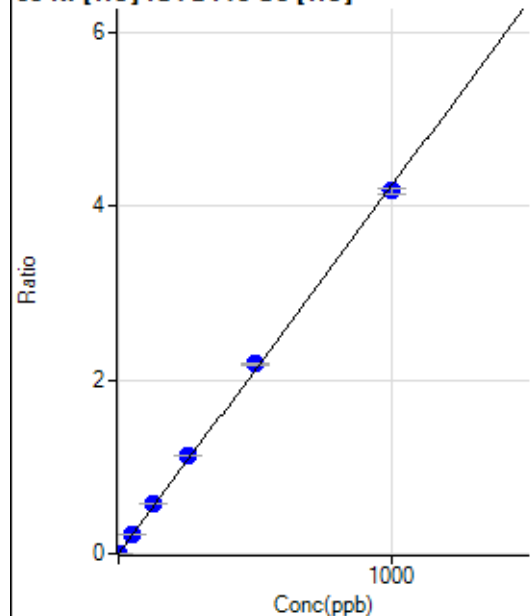
$$R = 0.9999$$

$$DL = 0.01248$$

$$BEC = 0.0192$$

Weight: <None>

Min Conc: 0

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

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	40.00	0.0002	P	30.5
2	☐	0.100					
3	☐	1.000	1.145	1221.18	0.0050	P	10.9
4	☐	50.000	53.741	52277.41	0.2275	P	1.5
5	☐	125.000	136.852	123626.54	0.5790	P	1.1
6	☐	250.000	266.898	234064.51	1.1290	P	0.9
7	☐	500.000	515.072	456455.29	2.1786	P	0.1
8	☐	1000.000	986.571	874485.71	4.1727	P	1.6
9	☐			32086.32	0.1466	P	1.3

$$y = 0.0042 * x + 1.6436E-004$$

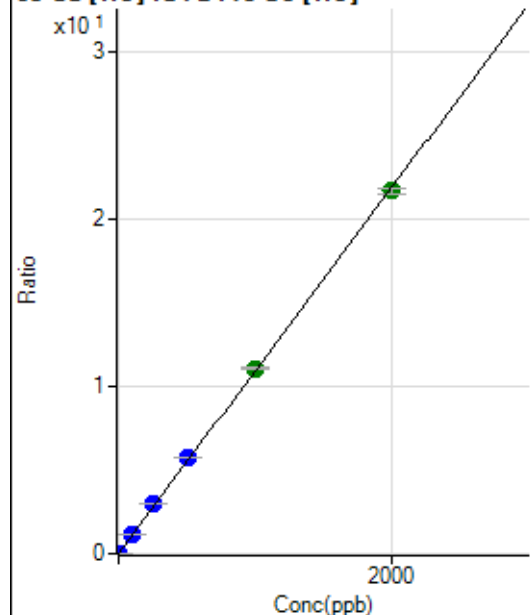
$$R = 0.9996$$

$$DL = 0.03554$$

$$BEC = 0.03886$$

Weight: <None>

Min Conc: 0

⁶³Cu [He] ISTD:45 Sc [He]

	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	972.27	0.0040	P	8.0
2	☐	0.200					
3	☐	2.000	2.200	6856.14	0.0281	P	1.5
4	☐	100.000	108.010	272674.50	1.1864	P	0.7
5	☐	250.000	271.697	635968.06	2.9782	P	0.5
6	☐	500.000	527.711	1198532.18	5.7808	P	0.2
7	☐	1000.000	1012.768	2323606.44	11.0906	A	0.9
8	☐	2000.000	1983.575	4551368.06	21.7179	A	1.8
9	☐			10668.47	0.0487	P	1.4

$$y = 0.0109 * x + 0.0040$$

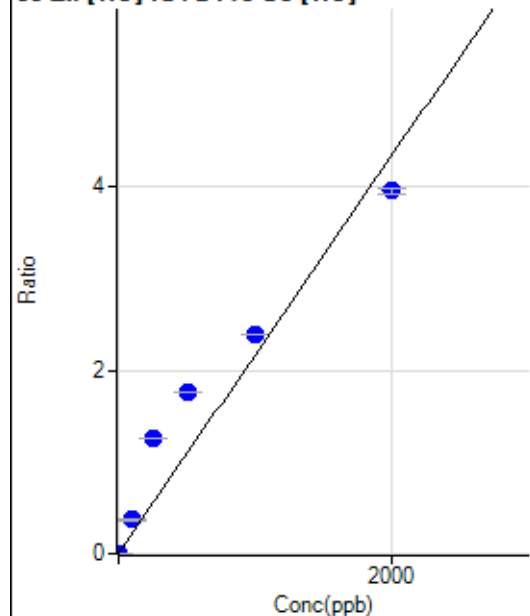
$$R = 0.9998$$

$$DL = 0.08752$$

$$BEC = 0.3647$$

Weight: <None>

Min Conc: 0

⁶⁶Zn [He] ISTD:45 Sc [He]

	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	331.12	0.0014	P	12.1
2	☐	0.200					
3	☐	2.000	1.611	1184.51	0.0049	P	10.4
4	☐	100.000	169.147	84618.84	0.3682	P	0.6
5	☐	250.000	582.363	269967.81	1.2642	P	0.2
6	☐	500.000	809.612	364289.56	1.7570	P	0.2
7	☐	1000.000	1105.660	502643.60	2.3990	P	0.2
8	☐	2000.000	1824.765	829586.94	3.9584	P	1.5
9	☐			173971.67	0.7948	P	0.3

$$y = 0.0022 * x + 0.0014$$

$$R = 0.9707$$

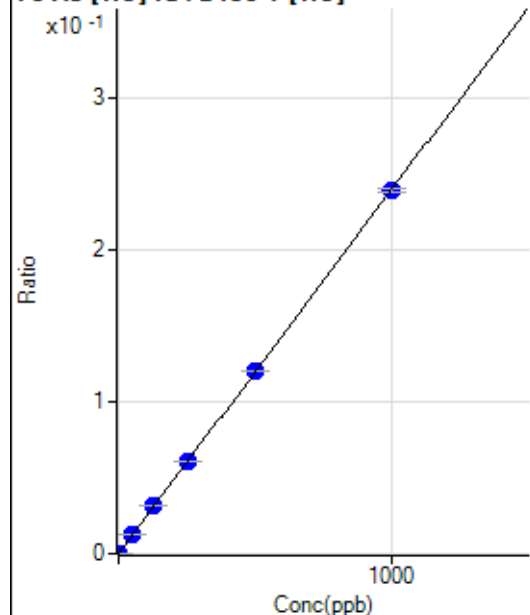
$$DL = 0.2272$$

$$BEC = 0.6267$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	3.09	0.0000	P	68.2
2	☐	0.100					
3	☐	1.000	1.107	301.86	0.0003	P	2.4
4	☐	50.000	53.118	13671.32	0.0127	P	1.1
5	☐	125.000	131.568	32162.70	0.0315	P	1.7
6	☐	250.000	254.121	61105.26	0.0608	P	1.1
7	☐	500.000	502.196	121624.70	0.1202	P	0.7
8	☐	1000.000	996.895	237390.54	0.2387	P	0.9
9	☐			341.98	0.0003	P	9.8

$$y = 2.3941\text{E-}004 * x + 2.7179\text{E-}006$$

$$R = 1.0000$$

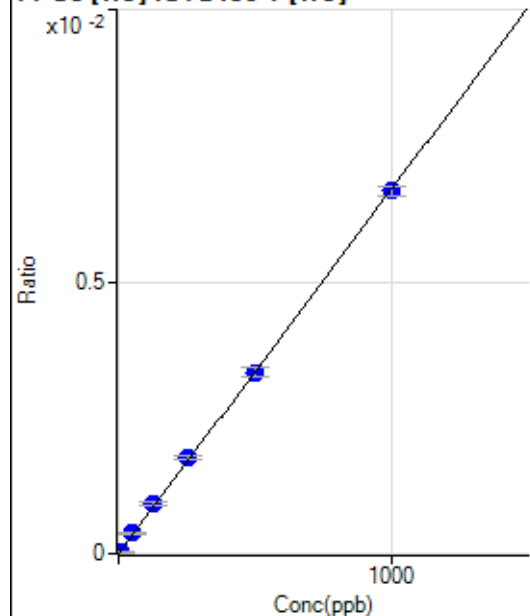
$$DL = 0.02324$$

$$BEC = 0.01135$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	0.00	0.0000	P	
2	☐	0.500					
3	☐	5.000	3.381	25.56	0.0000	P	46.1
4	☐	50.000	57.176	412.23	0.0004	P	8.6
5	☐	125.000	137.145	938.94	0.0009	P	5.6
6	☐	250.000	262.644	1769.02	0.0018	P	4.1
7	☐	500.000	498.595	3382.67	0.0033	P	6.1
8	☐	1000.000	995.673	6640.50	0.0067	P	2.6
9	☐			3.33	0.0000	P	99.8

$$y = 6.7063\text{E-}006 * x + 0.0000\text{E+}000$$

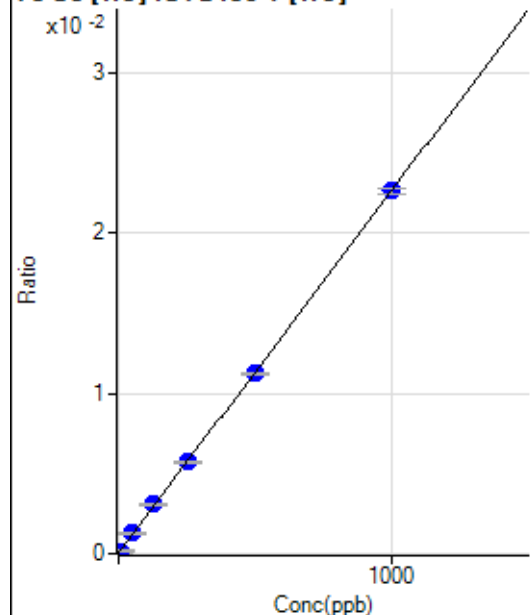
$$R = 0.9998$$

$$DL = 0$$

$$BEC = 0$$

Weight: <None>

Min Conc: 0

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

	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	46.91	0.0000	P	13.1
2	☐	0.500					
3	☐	5.000	5.863	196.30	0.0002	P	9.0
4	☐	50.000	53.985	1355.63	0.0013	P	5.3
5	☐	125.000	134.631	3147.90	0.0031	P	3.1
6	☐	250.000	251.163	5740.68	0.0057	P	1.4
7	☐	500.000	496.807	11395.28	0.0113	P	1.0
8	☐	1000.000	999.898	22510.12	0.0226	P	1.3
9	☐			48.15	0.0000	P	13.7

$$y = 2.2592E-005 * x + 4.1553E-005$$

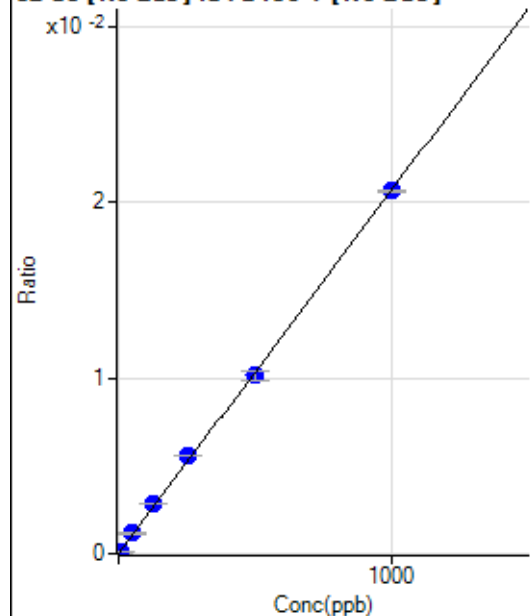
$$R = 0.9999$$

$$DL = 0.7248$$

$$BEC = 1.839$$

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	28.11	0.0000	P	150.
2	☐	0.500					
3	☐	5.000	5.048	799.59	0.0001	P	11.2
4	☐	50.000	55.374	7872.37	0.0011	P	1.6
5	☐	125.000	138.123	18733.65	0.0029	P	0.2
6	☐	250.000	270.057	35274.99	0.0056	P	1.3
7	☐	500.000	489.837	67497.49	0.0101	P	5.2
8	☐	1000.000	998.158	131950.89	0.0207	P	0.4
9	☐			129.96	0.0000	P	20.3

$$y = 2.0688E-005 * x + 3.9389E-006$$

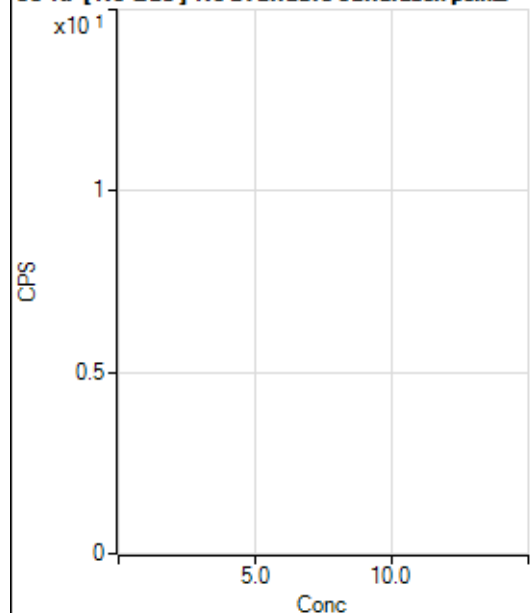
$$R = 0.9997$$

$$DL = 0.8572$$

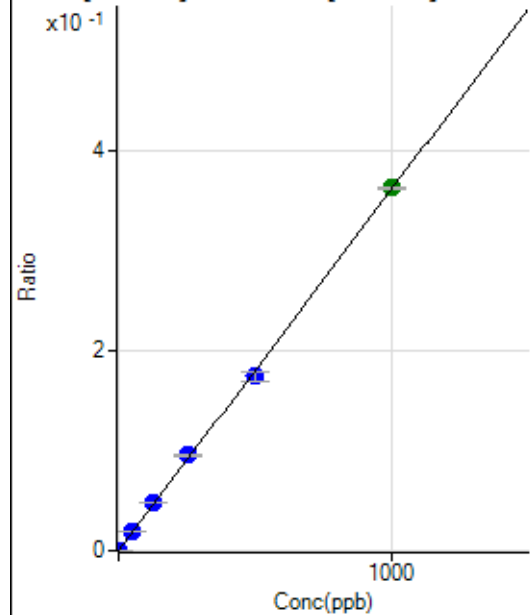
$$BEC = 0.1904$$

Weight: <None>

Min Conc: 0

83 Kr [No Gas] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			212.23		P	20.5
2	☐						
3	☐			225.56		P	3.1
4	☐			223.34		P	10.3
5	☐			213.34		P	13.6
6	☐			225.56		P	4.5
7	☐			218.89		P	10.4
8	☐			223.34		P	5.4
9	☐			228.89		P	8.5

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	350.02	0.0000	P	8.5
2	☐	0.100					
3	☐	1.000	0.981	2981.00	0.0004	P	6.3
4	☐	50.000	52.727	130564.13	0.0191	P	2.1
5	☐	125.000	131.086	309844.63	0.0473	P	0.6
6	☐	250.000	263.801	600599.83	0.0952	P	1.2
7	☐	500.000	481.934	1157679.42	0.1739	P	5.0
8	☐	1000.000	1004.686	2315279.59	0.3624	A	0.3
9	☐			10962.91	0.0018	P	2.9

$$y = 3.6067E-004 * x + 4.8855E-005$$

$$R = 0.9996$$

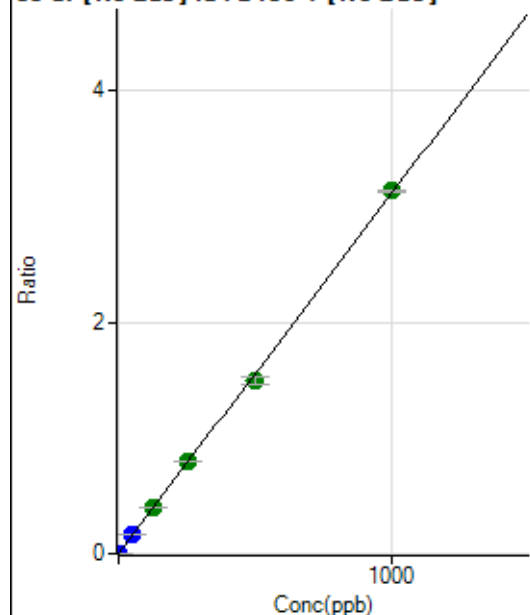
$$DL = 0.03446$$

$$BEC = 0.1355$$

Weight: <None>

Min Conc: 0

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



	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	97.23	0.0000	P	21.4
2	☐	0.100					
3	☐	1.000	0.968	22326.38	0.0030	P	9.5
4	☐	50.000	51.323	1092815.01	0.1596	P	0.3
5	☐	125.000	127.119	2587319.59	0.3952	A	0.2
6	☐	250.000	256.759	5036310.53	0.7982	A	0.4
7	☐	500.000	480.608	9951023.23	1.4941	A	4.0
8	☐	1000.000	1007.675	20013300.97	3.1327	A	0.5
9	☐			92433.11	0.0153	P	1.9

$$y = 0.0031 * x + 1.3569E-005$$

$$R = 0.9997$$

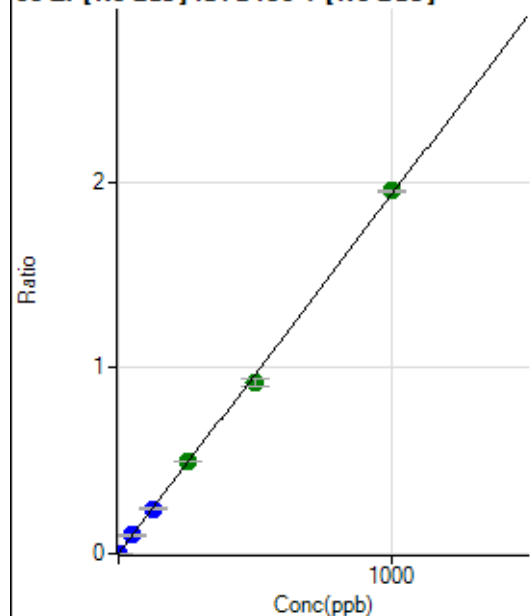
$$DL = 0.002801$$

$$BEC = 0.004365$$

Weight: <None>

Min Conc: 0

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



	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	577.81	0.0001	P	15.2
2	☐	0.100					
3	☐	1.000	0.954	14213.15	0.0019	P	9.5
4	☐	50.000	50.934	674418.35	0.0985	P	0.5
5	☐	125.000	125.798	1591531.54	0.2431	P	0.7
6	☐	250.000	254.914	3107586.57	0.4925	A	0.3
7	☐	500.000	476.002	6123523.92	0.9196	A	4.8
8	☐	1000.000	1010.624	12473235.35	1.9524	A	0.5
9	☐			2719.82	0.0005	P	2.7

$$y = 0.0019 * x + 8.0686E-005$$

$$R = 0.9996$$

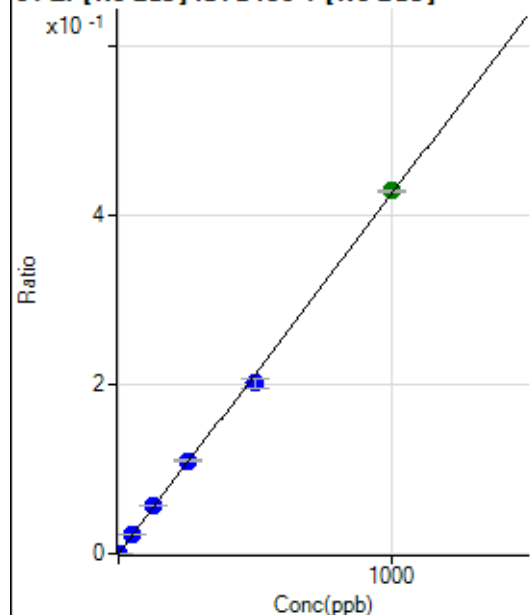
$$DL = 0.01901$$

$$BEC = 0.04177$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	138.90	0.0000	P	13.5
2	☐	0.100					
3	☐	1.000	1.006	3300.53	0.0004	P	9.3
4	☐	50.000	51.769	150699.70	0.0220	P	0.9
5	☐	125.000	131.663	366174.18	0.0559	P	0.3
6	☐	250.000	259.056	694205.79	0.1100	P	1.3
7	☐	500.000	475.280	1343760.02	0.2019	P	5.6
8	☐	1000.000	1009.175	2738022.50	0.4286	A	0.8
9	☐			552.81	0.0001	P	4.9

$$y = 4.2466\text{E-}004 * x + 1.9382\text{E-}005$$

$$R = 0.9995$$

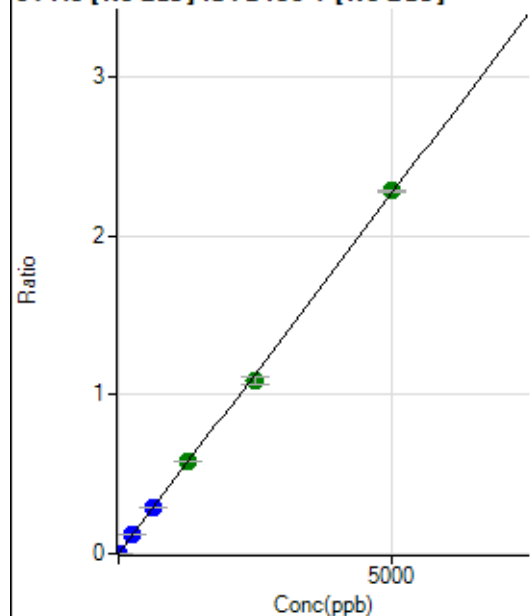
$$DL = 0.01854$$

$$BEC = 0.04564$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	336.25	0.0000	P	47.9
2	☐	0.500					
3	☐	5.000	4.711	16070.68	0.0022	P	13.0
4	☐	250.000	256.141	794949.08	0.1161	P	0.7
5	☐	625.000	634.619	1882369.58	0.2875	P	0.3
6	☐	1250.000	1284.881	3672605.60	0.5821	A	0.4
7	☐	2500.000	2397.909	7233245.99	1.0863	A	4.7
8	☐	5000.000	5040.816	14588289.91	2.2835	A	0.2
9	☐			16382.13	0.0027	P	3.3

$$y = 4.5299\text{E-}004 * x + 4.6949\text{E-}005$$

$$R = 0.9997$$

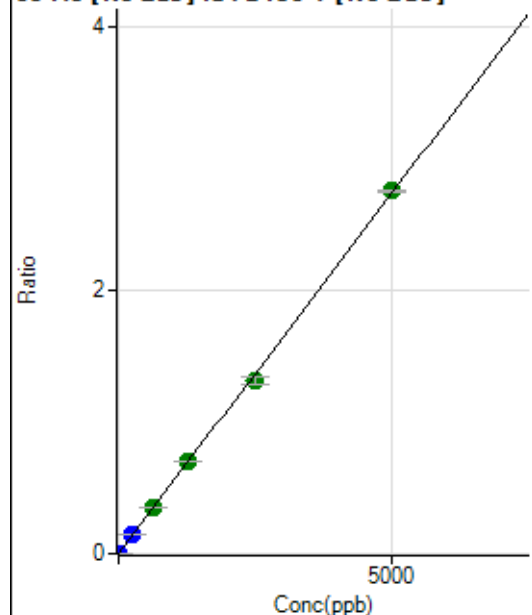
$$DL = 0.149$$

$$BEC = 0.1036$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	52.78	0.0000	P	24.2
2	☐	0.500					
3	☐	5.000	4.945	19989.64	0.0027	P	13.6
4	☐	250.000	257.188	964036.86	0.1408	P	0.4
5	☐	625.000	637.784	2285229.82	0.3491	A	0.3
6	☐	1250.000	1284.542	4435599.71	0.7030	A	0.6
7	☐	2500.000	2400.599	8748514.26	1.3138	A	4.7
8	☐	5000.000	5039.108	17618740.15	2.7579	A	0.2
9	☐			26839.89	0.0045	P	1.6

$$y = 5.4729\text{E-}004 * x + 7.3689\text{E-}006$$

$$R = 0.9997$$

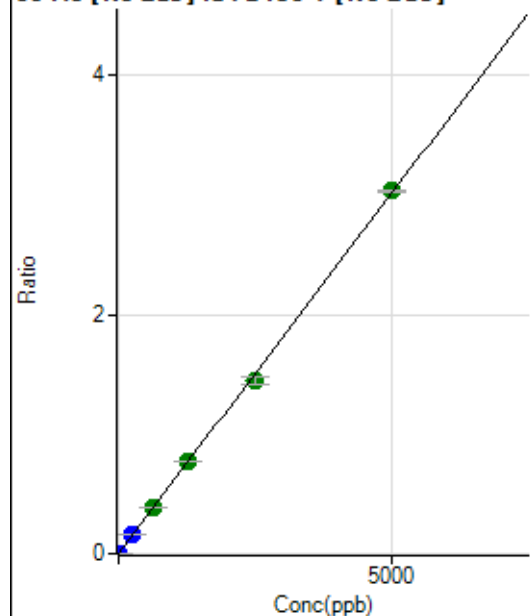
$$DL = 0.009778$$

$$BEC = 0.01346$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	141.67	0.0000	P	41.6
2	☐	0.500					
3	☐	5.000	4.894	21912.01	0.0030	P	11.6
4	☐	250.000	258.462	1067333.75	0.1558	P	0.7
5	☐	625.000	637.812	2517681.44	0.3846	A	1.0
6	☐	1250.000	1290.595	4909557.27	0.7781	A	0.3
7	☐	2500.000	2406.420	9660246.14	1.4509	A	5.0
8	☐	5000.000	5034.617	19392181.86	3.0355	A	0.3
9	☐			34125.13	0.0057	P	4.5

$$y = 6.0291\text{E-}004 * x + 1.9796\text{E-}005$$

$$R = 0.9997$$

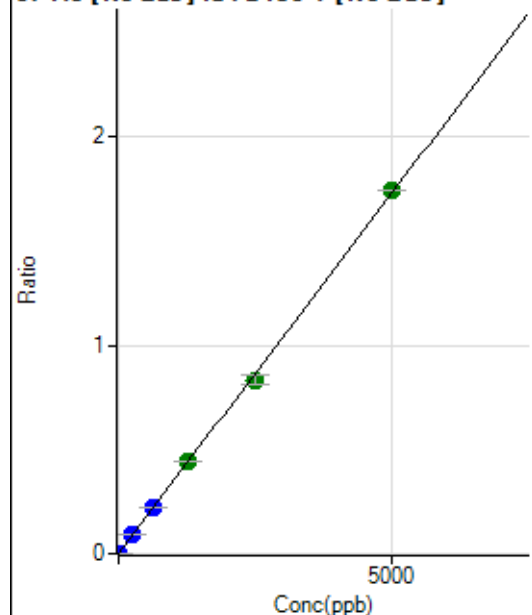
$$DL = 0.04096$$

$$BEC = 0.03283$$

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	10.8
2	☐	0.500					
3	☐	5.000	4.914	12597.70	0.0017	P	10.2
4	☐	250.000	257.462	609986.26	0.0891	P	0.8
5	☐	625.000	629.905	1426590.61	0.2179	P	0.2
6	☐	1250.000	1283.624	2801626.30	0.4440	A	0.8
7	☐	2500.000	2407.632	5545218.31	0.8329	A	5.1
8	☐	5000.000	5036.792	11131189.05	1.7424	A	0.1
9	☐			16385.00	0.0027	P	3.1

$$y = 3.4593\text{E-}004 * x + 6.2042\text{E-}006$$

$$R = 0.9997$$

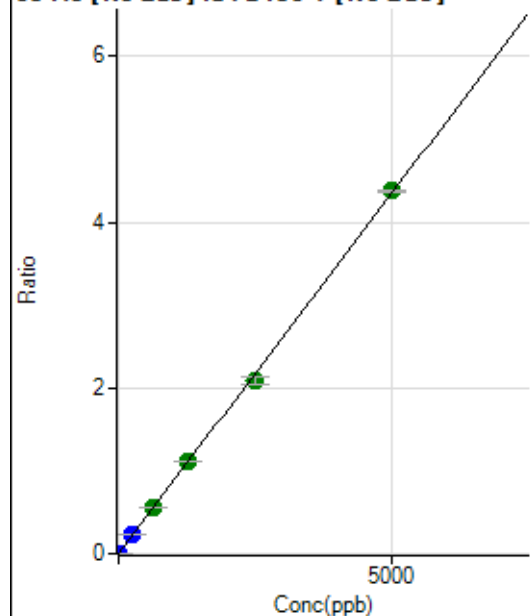
$$DL = 0.005822$$

$$BEC = 0.01793$$

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	72.23	0.0000	P	23.7
2	☐	0.500					
3	☐	5.000	4.879	31360.58	0.0042	P	10.5
4	☐	250.000	258.762	1539696.56	0.2248	P	0.7
5	☐	625.000	636.324	3619419.48	0.5528	A	0.7
6	☐	1250.000	1283.948	7038103.89	1.1155	A	0.5
7	☐	2500.000	2407.259	13925397.88	2.0914	A	5.0
8	☐	5000.000	5036.030	27952041.60	4.3753	A	0.3
9	☐			40400.05	0.0067	P	1.3

$$y = 8.6880\text{E-}004 * x + 1.0077\text{E-}005$$

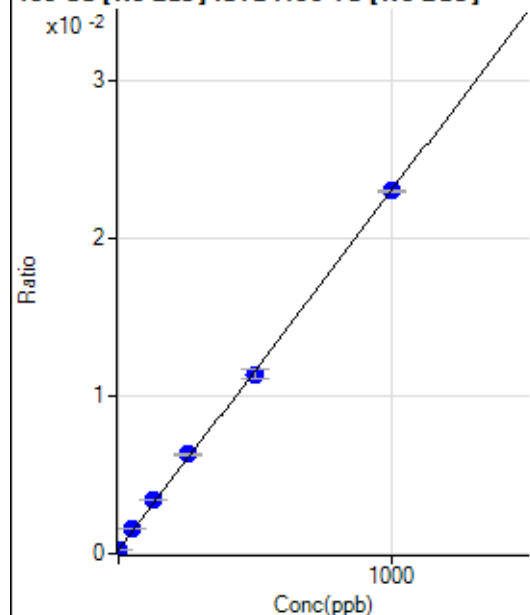
$$R = 0.9997$$

$$DL = 0.008242$$

$$BEC = 0.0116$$

Weight: <None>

Min Conc: 0

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	2066.91	0.0002	P	4.8
2	☐	0.100					
3	☐	1.000	0.939	2333.62	0.0003	P	3.3
4	☐	50.000	57.548	12781.24	0.0016	P	2.2
5	☐	125.000	139.812	27460.92	0.0034	P	0.8
6	☐	250.000	266.270	49746.38	0.0063	P	2.1
7	☐	500.000	489.030	94505.37	0.0114	P	5.5
8	☐	1000.000	999.189	183199.66	0.0230	P	0.6
9	☐			1872.43	0.0003	P	3.4

$$y = 2.2742\text{E-}005 * x + 2.4495\text{E-}004$$

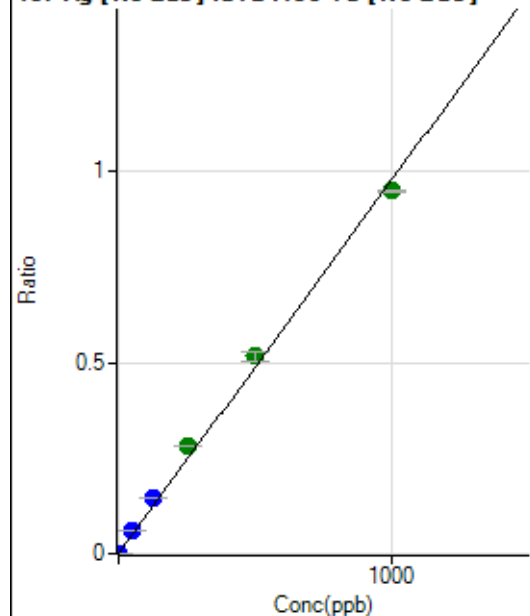
$$R = 0.9997$$

$$DL = 1.552$$

$$BEC = 10.77$$

Weight: <None>

Min Conc: 0

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	66.67	0.0000	P	25.0
2	☐	0.100					
3	☐	1.000	1.126	9662.01	0.0011	P	7.1
4	☐	50.000	61.805	496189.26	0.0603	P	1.1
5	☐	125.000	148.759	1164116.51	0.1452	P	0.2
6	☐	250.000	288.281	2221360.57	0.2813	A	0.3
7	☐	500.000	530.066	4301265.20	0.5173	A	5.0
8	☐	1000.000	971.836	7564175.25	0.9484	A	0.6
9	☐			1091.75	0.0001	P	5.6

$$y = 9.7584\text{E-}004 * x + 7.9007\text{E-}006$$

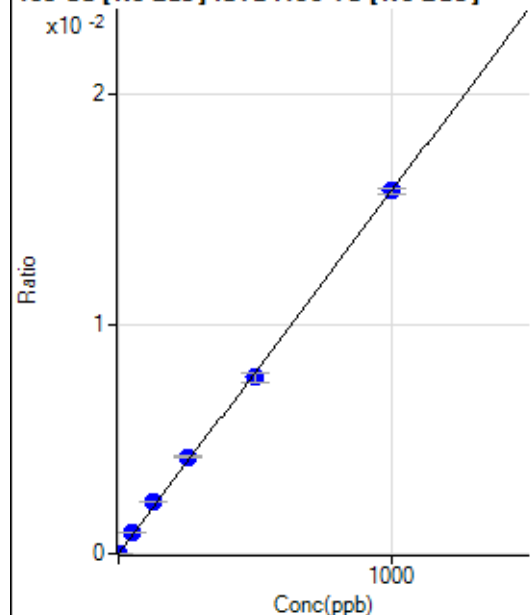
$$R = 0.9984$$

$$DL = 0.006061$$

$$BEC = 0.008096$$

Weight: <None>

Min Conc: 0

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	2.78	0.0000	P	173.
2	☐	0.100					
3	☐	1.000	1.118	156.95	0.0000	P	14.8
4	☐	50.000	58.518	7606.34	0.0009	P	4.2
5	☐	125.000	143.782	18216.12	0.0023	P	1.4
6	☐	250.000	267.332	33347.82	0.0042	P	1.3
7	☐	500.000	485.265	63748.22	0.0077	P	5.0
8	☐	1000.000	1000.261	126034.50	0.0158	P	1.6
9	☐			55.56	0.0000	P	10.5

$$y = 1.5797\text{E-}005 * x + 3.2849\text{E-}007$$

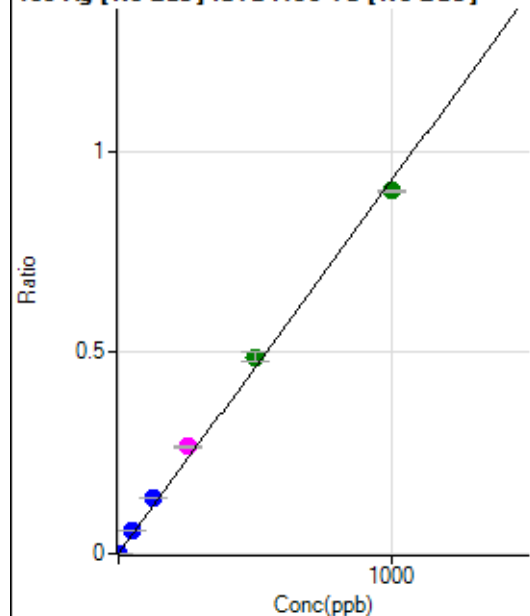
$$R = 0.9995$$

$$DL = 0.108$$

$$BEC = 0.02079$$

Weight: <None>

Min Conc: 0

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	30.55	0.0000	P	15.9
2	☐	0.100					
3	☐	1.000	1.141	9236.70	0.0011	P	13.8
4	☐	50.000	62.540	477358.83	0.0580	P	0.2
5	☐	125.000	150.687	1121185.46	0.1398	P	0.2
6	☐	250.000	286.947	2102376.26	0.2662	M	1.1
7	☐	500.000	528.256	4075935.77	0.4901	A	4.9
8	☐	1000.000	972.797	7199272.21	0.9026	A	0.6
9	☐			994.52	0.0001	P	5.1

$$y = 9.2786\text{E-}004 * x + 3.6214\text{E-}006$$

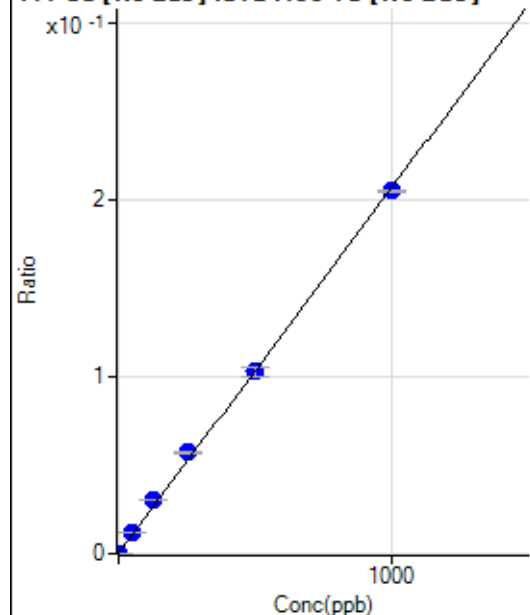
$$R = 0.9985$$

$$DL = 0.001859$$

$$BEC = 0.003903$$

Weight: <None>

Min Conc: 0

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

	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	1456.01	0.0002	P	4.4
2	☐	0.100					
3	☐	1.000	1.067	3436.35	0.0004	P	5.2
4	☐	50.000	58.372	100694.01	0.0122	P	0.6
5	☐	125.000	144.077	240249.35	0.0300	P	0.2
6	☐	250.000	276.231	452300.39	0.0573	P	1.4
7	☐	500.000	497.502	856732.52	0.1030	P	5.1
8	☐	1000.000	991.888	1637048.13	0.2052	P	0.7
9	☐			1539.87	0.0002	P	3.1

$$y = 2.0675\text{E-}004 * x + 1.7255\text{E-}004$$

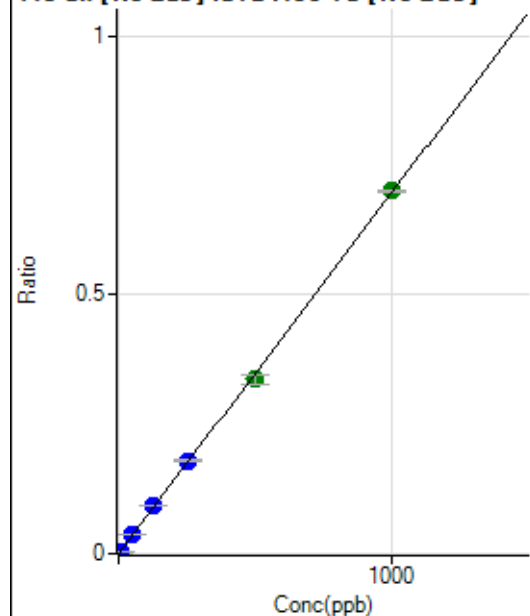
$$R = 0.9995$$

$$DL = 0.1093$$

$$BEC = 0.8346$$

Weight: <None>

Min Conc: 0

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

	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	761.17	0.0001	P	16.0
2	☐	0.500					
3	☐	5.000	5.011	31202.23	0.0036	P	9.7
4	☐	50.000	53.752	308708.66	0.0375	P	0.7
5	☐	125.000	132.300	739642.42	0.0922	P	0.8
6	☐	250.000	256.363	1410566.25	0.1787	P	1.7
7	☐	500.000	483.067	2798610.33	0.3366	A	4.9
8	☐	1000.000	1005.776	5588220.39	0.7006	A	0.3
9	☐			7143.77	0.0010	P	4.6

$$y = 6.9651\text{E-}004 * x + 9.0199\text{E-}005$$

$$R = 0.9997$$

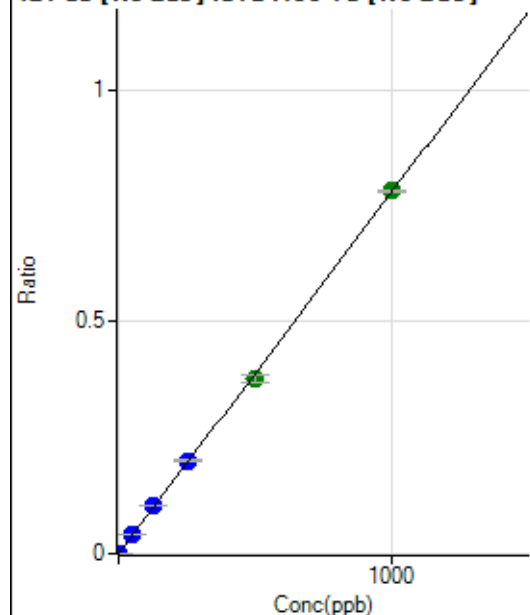
$$DL = 0.062$$

$$BEC = 0.1295$$

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	50.00	0.0000	P	43.9
2	☐	0.200					
3	☐	2.000	1.989	13515.44	0.0016	P	12.5
4	☐	50.000	54.324	347652.91	0.0423	P	0.4
5	☐	125.000	134.672	840063.41	0.1048	P	0.7
6	☐	250.000	257.868	1583853.14	0.2006	P	1.0
7	☐	500.000	483.998	3131061.68	0.3765	A	4.5
8	☐	1000.000	1004.609	6232897.32	0.7815	A	0.7
9	☐			14024.16	0.0019	P	4.3

$$y = 7.7787\text{E-}004 * x + 5.9225\text{E-}006$$

$$R = 0.9997$$

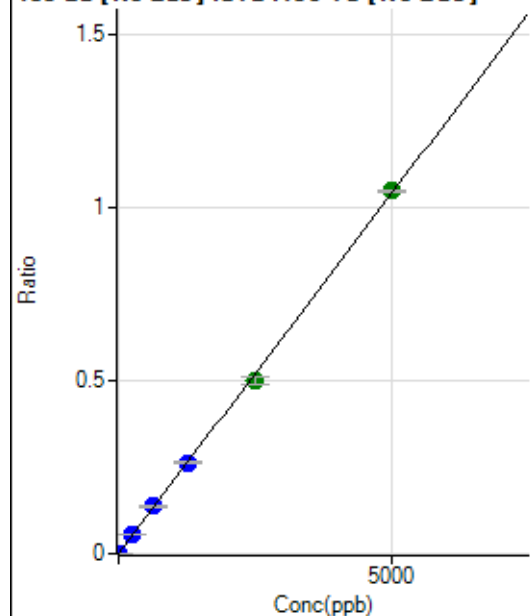
$$DL = 0.01004$$

$$BEC = 0.007614$$

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	36.11	0.0000	P	26.8
2	☐	1.000					
3	☐	10.000	9.968	18087.50	0.0021	P	12.9
4	☐	250.000	264.677	453398.64	0.0551	P	0.6
5	☐	625.000	654.489	1092883.30	0.1363	P	0.2
6	☐	1250.000	1261.202	2073631.66	0.2626	P	1.3
7	☐	2500.000	2411.686	4176863.63	0.5022	A	4.2
8	☐	5000.000	5036.937	8365635.17	1.0489	A	0.6
9	☐			2992.12	0.0004	P	3.8

$$y = 2.0823\text{E-}004 * x + 4.2808\text{E-}006$$

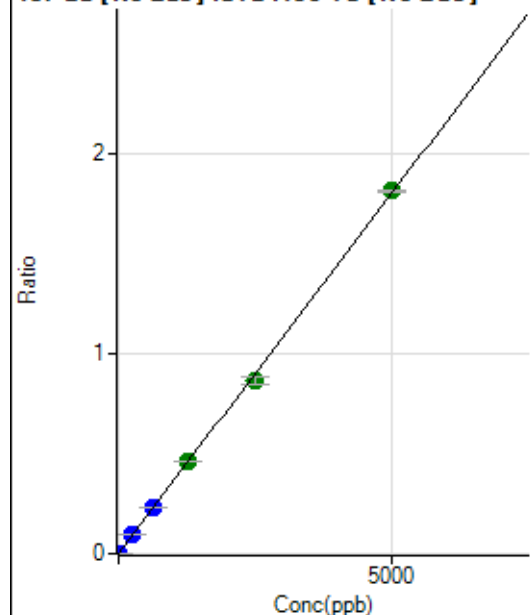
$$R = 0.9997$$

$$DL = 0.01651$$

$$BEC = 0.02056$$

Weight: <None>

Min Conc: 0

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	36.11	0.0000	P	58.3
2	☐	1.000					
3	☐	10.000	9.902	31105.29	0.0036	P	11.6
4	☐	250.000	264.977	785826.63	0.0955	P	0.5
5	☐	625.000	649.818	1878559.55	0.2343	P	0.6
6	☐	1250.000	1285.344	3658906.81	0.4634	A	0.5
7	☐	2500.000	2403.457	7206334.01	0.8665	A	4.3
8	☐	5000.000	5035.584	14479610.91	1.8154	A	0.8
9	☐			5017.79	0.0007	P	3.4

$$y = 3.6051E-004 * x + 4.2840E-006$$

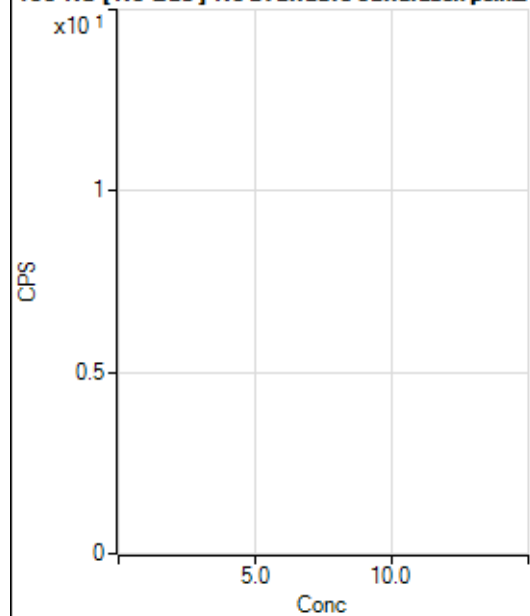
$$R = 0.9997$$

$$DL = 0.0208$$

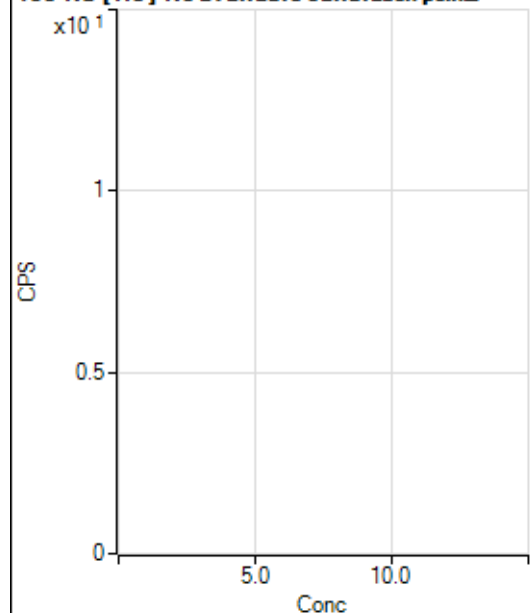
$$BEC = 0.01188$$

Weight: <None>

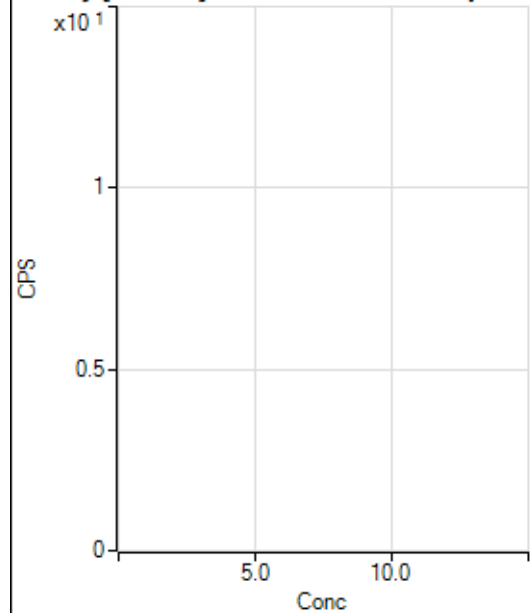
Min Conc: 0

150 Nd [No Gas] No available calibration points

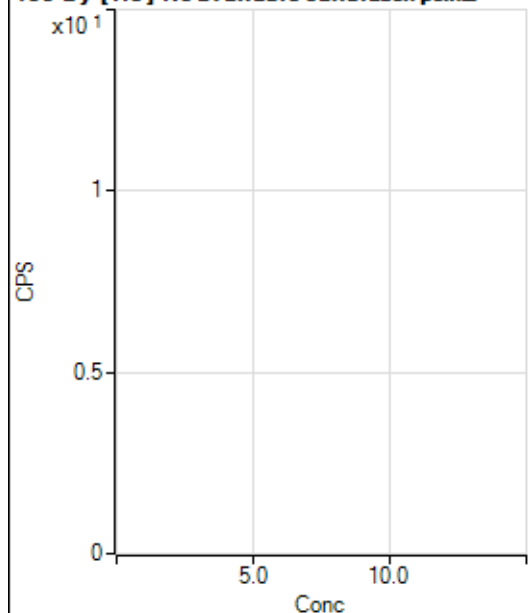
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			0.00		P	
2	☐						
3	☐			4.45		P	86.6
4	☐			31.11		P	49.5
5	☐			102.22		P	19.9
6	☐			153.34		P	21.7
7	☐			240.01		P	10.0
8	☐			524.47		P	5.3
9	☐			62.23		P	12.4

150 Nd [He] No available calibration points

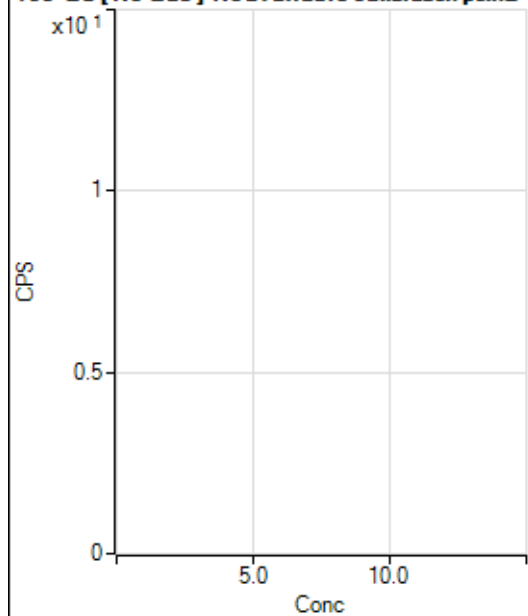
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			0.00		P	
2	☐						
3	☐			2.22		P	86.6
4	☐			2.22		P	173.
5	☐			16.67		P	72.1
6	☐			14.44		P	35.3
7	☐			27.78		P	42.1
8	☐			57.78		P	17.6
9	☐			42.22		P	19.9

156 Dy [No Gas] No available calibration points

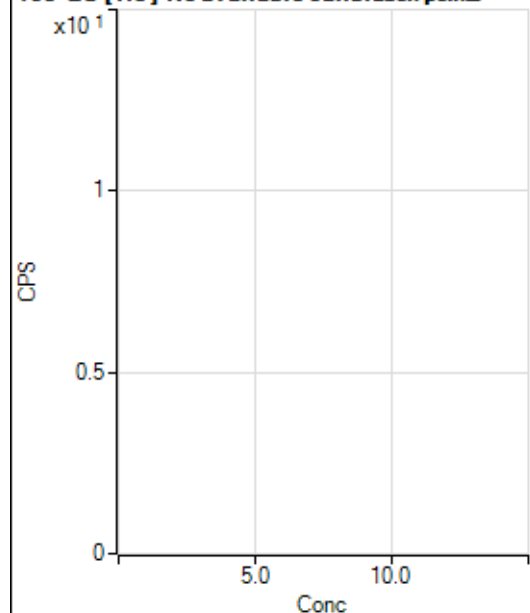
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			0.00		P	
2	☐						
3	☐			8.33		P	100.
4	☐			16.67		P	50.0
5	☐			30.56		P	56.8
6	☐			30.55		P	68.6
7	☐			44.45		P	47.2
8	☐			133.34		P	12.5
9	☐			130.56		P	7.4

156 Dy [He] No available calibration points

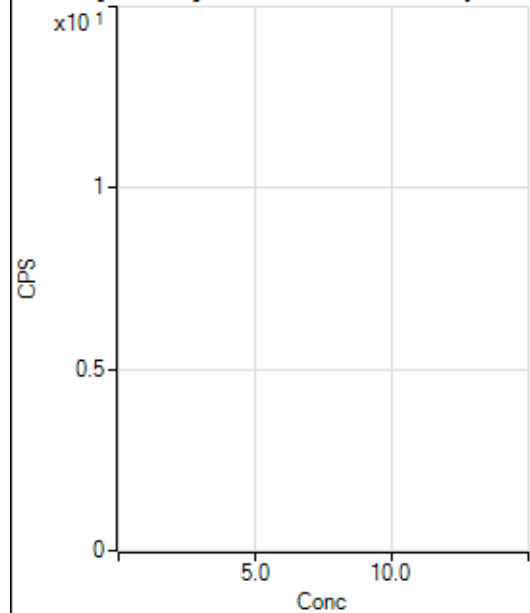
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			1.11		P	173.
2	☐						
3	☐			2.22		P	173.
4	☐			8.89		P	57.3
5	☐			22.22		P	8.7
6	☐			38.89		P	9.9
7	☐			78.89		P	21.3
8	☐			136.67		P	6.5
9	☐			34.44		P	14.8

160 Gd [No Gas] Noavailable calibration poin_

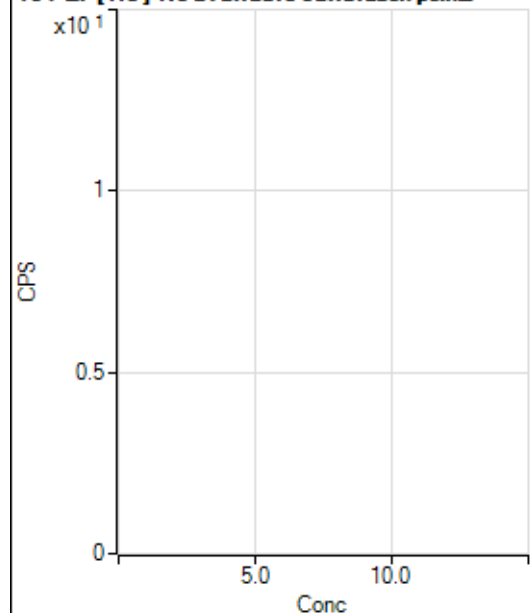
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			30.56		P	87.7
2	☐						
3	☐			38.89		P	32.7
4	☐			41.67		P	52.9
5	☐			44.45		P	47.2
6	☐			47.22		P	44.4
7	☐			61.11		P	20.8
8	☐			86.11		P	11.2
9	☐			86.12		P	5.6

160 Gd [He] No available calibration points

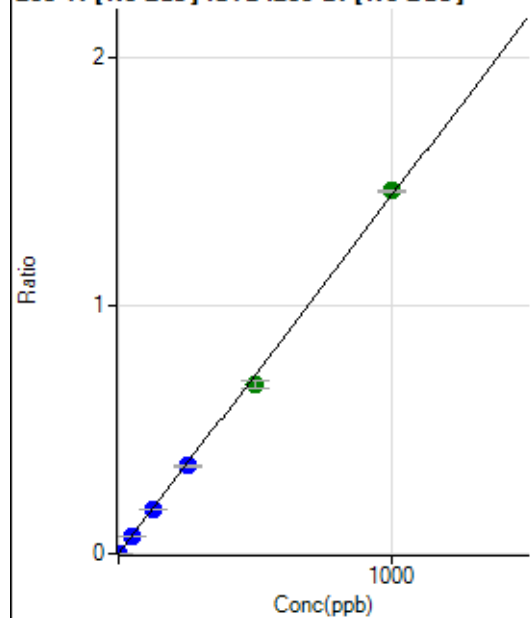
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			133.34		P	2.5
2	☐						
3	☐			114.45		P	16.6
4	☐			138.89		P	9.7
5	☐			108.89		P	19.7
6	☐			102.22		P	20.7
7	☐			115.56		P	4.4
8	☐			113.34		P	20.6
9	☐			112.23		P	13.7

164 Er [No Gas] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			19.45		P	24.7
2	☐						
3	☐			47.23		P	56.7
4	☐			30.56		P	87.7
5	☐			33.33		P	43.3
6	☐			25.00		P	57.7
7	☐			52.78		P	18.2
8	☐			36.11		P	48.0
9	☐			52.78		P	18.2

164 Er [He] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			15.56		P	75.3
2	☐						
3	☐			15.55		P	24.8
4	☐			11.11		P	45.8
5	☐			14.45		P	48.0
6	☐			18.89		P	56.7
7	☐			15.56		P	65.5
8	☐			13.33		P	25.0
9	☐			21.11		P	24.1

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	61.11	0.0000	P	15.5
2	☐	0.100					
3	☐	1.000	0.925	7052.20	0.0013	P	7.6
4	☐	50.000	49.839	355294.12	0.0720	P	0.5
5	☐	125.000	124.849	867543.33	0.1803	P	0.6
6	☐	250.000	245.273	1661011.54	0.3542	P	1.1
7	☐	500.000	474.845	3319210.53	0.6856	A	4.5
8	☐	1000.000	1013.786	6596348.50	1.4638	A	0.2
9	☐			2686.51	0.0007	P	4.2

$$y = 0.0014 * x + 1.1963E-005$$

$$R = 0.9995$$

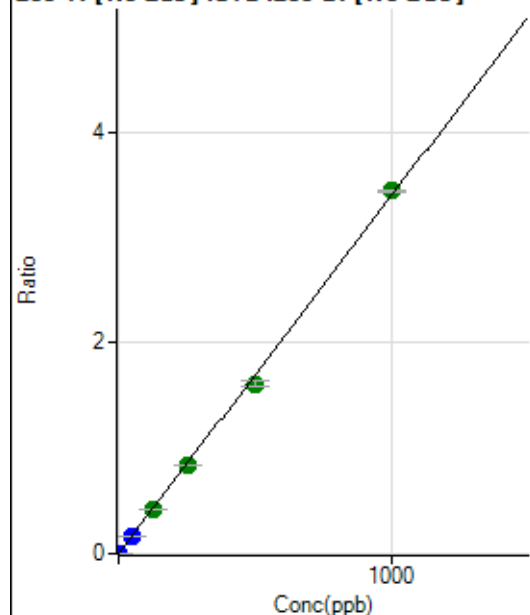
$$DL = 0.003851$$

$$BEC = 0.008285$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	216.68	0.0000	P	20.2
2	☐	0.100					
3	☐	1.000	0.931	16713.94	0.0032	P	12.4
4	☐	50.000	50.163	841008.04	0.1704	P	0.5
5	☐	125.000	122.522	2002171.70	0.4161	A	0.6
6	☐	250.000	248.941	3964517.32	0.8453	A	0.3
7	☐	500.000	474.747	7804474.65	1.6121	A	4.3
8	☐	1000.000	1013.193	15502903.12	3.4404	A	0.2
9	☐			6482.44	0.0017	P	3.2

$$y = 0.0034 * x + 4.2423E-005$$

$$R = 0.9995$$

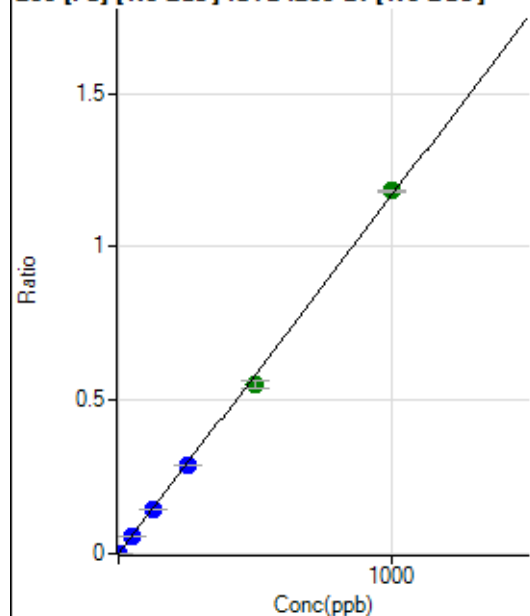
$$DL = 0.007585$$

$$BEC = 0.01249$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	285.20	0.0001	P	17.8
2	☐	0.100					
3	☐	1.000	0.922	5925.55	0.0011	P	8.2
4	☐	50.000	50.547	291476.40	0.0590	P	0.2
5	☐	125.000	125.033	702458.34	0.1460	P	0.5
6	☐	250.000	247.406	1354429.47	0.2888	P	0.5
7	☐	500.000	474.660	2681971.21	0.5540	A	4.5
8	☐	1000.000	1013.287	5329136.69	1.1826	A	0.2
9	☐			7287.40	0.0019	P	1.7

$$y = 0.0012 * x + 5.5836E-005$$

$$R = 0.9995$$

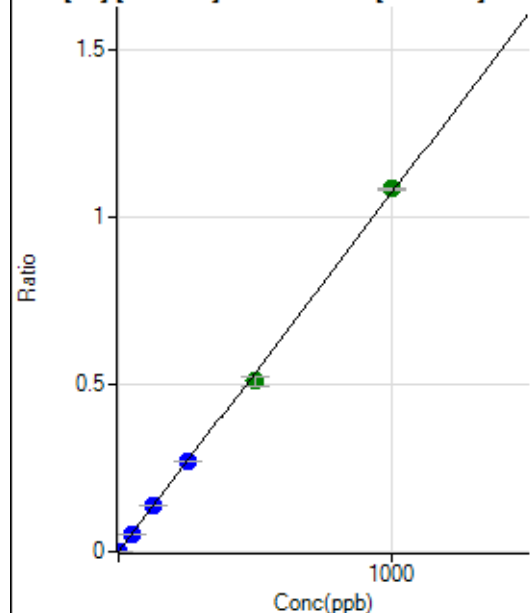
$$DL = 0.02561$$

$$BEC = 0.04784$$

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	253.71	0.0000	P	17.7
2	☐	0.100					
3	☐	1.000	0.921	5425.34	0.0010	P	10.1
4	☐	50.000	50.620	268263.01	0.0543	P	0.4
5	☐	125.000	126.203	651634.50	0.1354	P	0.1
6	☐	250.000	250.236	1259034.36	0.2685	P	0.3
7	☐	500.000	475.314	2468078.79	0.5099	A	4.8
8	☐	1000.000	1012.103	4892022.85	1.0856	A	0.4
9	☐			6001.51	0.0016	P	4.1

$$y = 0.0011 * x + 4.9670E-005$$

$$R = 0.9995$$

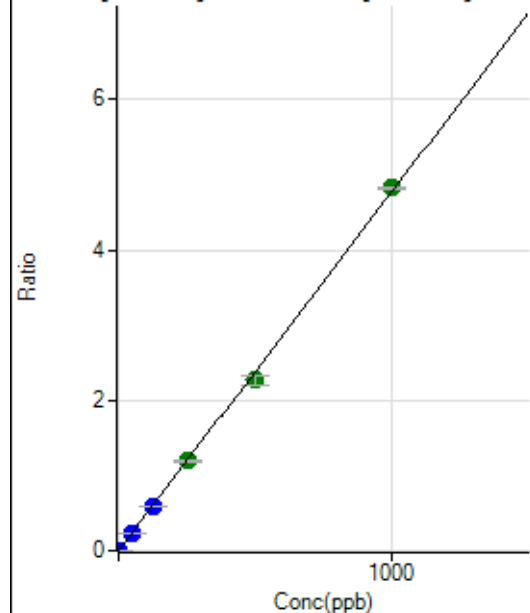
$$DL = 0.02454$$

$$BEC = 0.04631$$

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	1179.69	0.0002	P	2.2
2	☐	0.100					
3	☐	1.000	0.925	24283.43	0.0046	P	9.2
4	☐	50.000	50.591	1191881.27	0.2415	P	0.5
5	☐	125.000	125.657	2884230.60	0.5994	P	0.1
6	☐	250.000	249.592	5582450.55	1.1903	A	0.1
7	☐	500.000	475.350	10972323.16	2.2667	A	4.8
8	☐	1000.000	1012.316	21751178.90	4.8270	A	0.4
9	☐			28418.30	0.0074	P	3.3

$$y = 0.0048 * x + 2.3099E-004$$

$$R = 0.9995$$

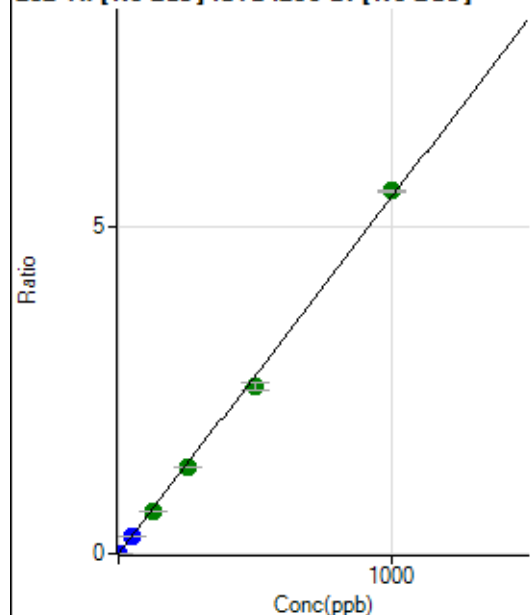
$$DL = 0.003225$$

$$BEC = 0.04845$$

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	135.19	0.0000	P	20.9
2	☐	0.100					
3	☐	1.000	0.885	25438.17	0.0049	P	9.1
4	☐	50.000	47.211	1273705.08	0.2580	P	0.3
5	☐	125.000	119.183	3134283.69	0.6513	A	0.8
6	☐	250.000	243.925	6251785.73	1.3330	A	0.5
7	☐	500.000	468.459	12394423.19	2.5601	A	4.2
8	☐	1000.000	1018.156	25072611.44	5.5641	A	0.4
9	☐			5201.17	0.0014	P	1.5

$$y = 0.0055 * x + 2.6464E-005$$

$$R = 0.9993$$

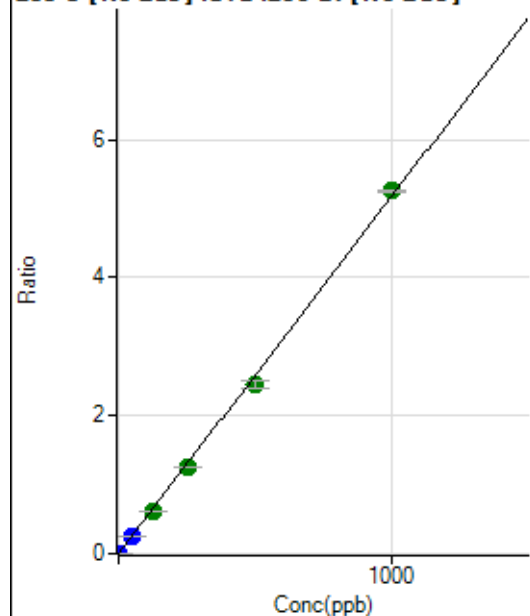
$$DL = 0.003035$$

$$BEC = 0.004843$$

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	175.01	0.0000	P	33.6
2	☐	0.100					
3	☐	1.000	0.908	24702.04	0.0047	P	12.3
4	☐	50.000	47.990	1226182.65	0.2484	P	0.7
5	☐	125.000	119.493	2976065.69	0.6185	A	0.4
6	☐	250.000	243.937	5921023.66	1.2625	A	0.4
7	☐	500.000	472.409	11835050.18	2.4449	A	4.7
8	☐	1000.000	1016.100	23696343.41	5.2588	A	0.8
9	☐			3125.50	0.0008	P	7.2

$$y = 0.0052 * x + 3.4291E-005$$

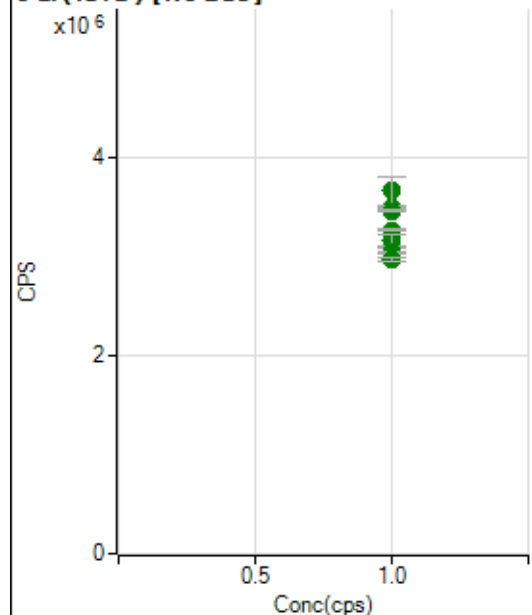
$$R = 0.9994$$

$$DL = 0.006688$$

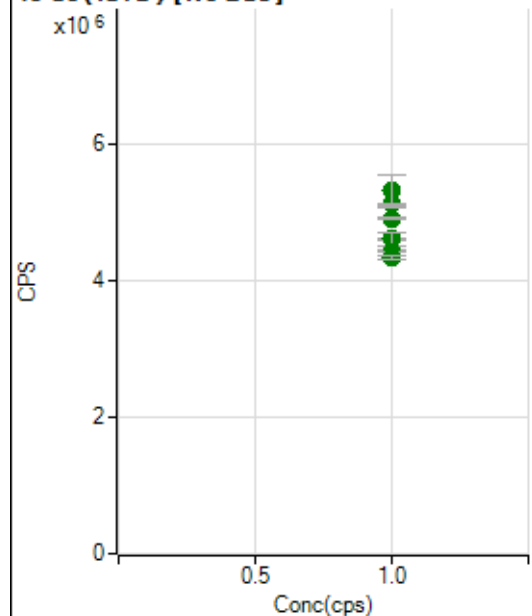
$$BEC = 0.006626$$

Weight: <None>

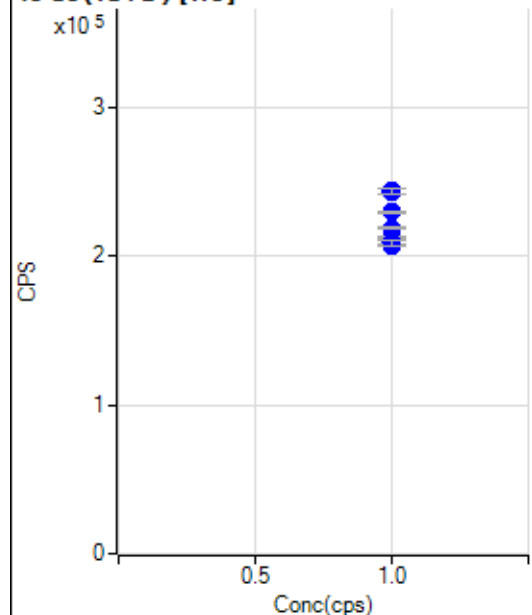
Min Conc: 0

6 Li (ISTD) [No Gas]

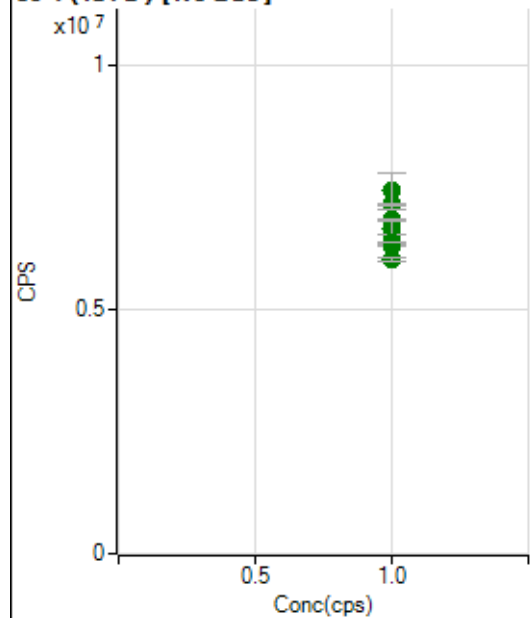
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		3503354.19		A	0.3
2	☐	1.000					
3	☐	1.000		3667502.41		A	8.2
4	☐	1.000		3463313.80		A	0.4
5	☐	1.000		3269376.62		A	0.6
6	☐	1.000		3094295.86		A	0.1
7	☐	1.000		3175539.74		A	3.6
8	☐	1.000		3043956.38		A	0.2
9	☐	1.000		2975279.85		A	1.0

45 Sc (ISTD) [No Gas]

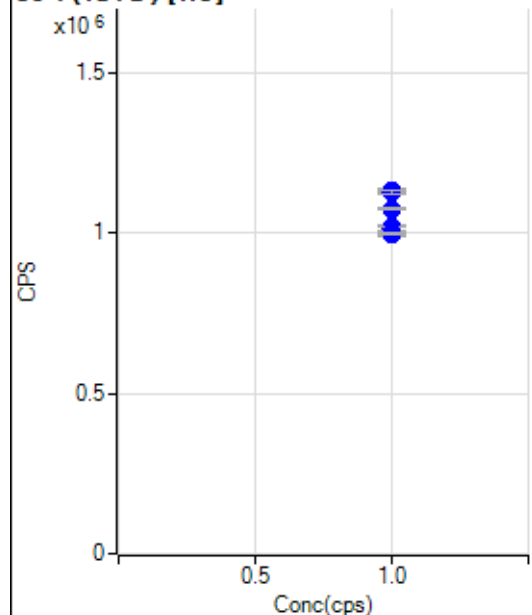
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		5113073.68		A	0.4
2	☐	1.000					
3	☐	1.000		5314291.78		A	9.2
4	☐	1.000		4914714.21		A	0.3
5	☐	1.000		4614370.20		A	0.8
6	☐	1.000		4424021.93		A	0.6
7	☐	1.000		4605778.79		A	3.7
8	☐	1.000		4423278.35		A	0.3
9	☐	1.000		4334837.16		A	1.6

45 Sc (ISTD) [He]

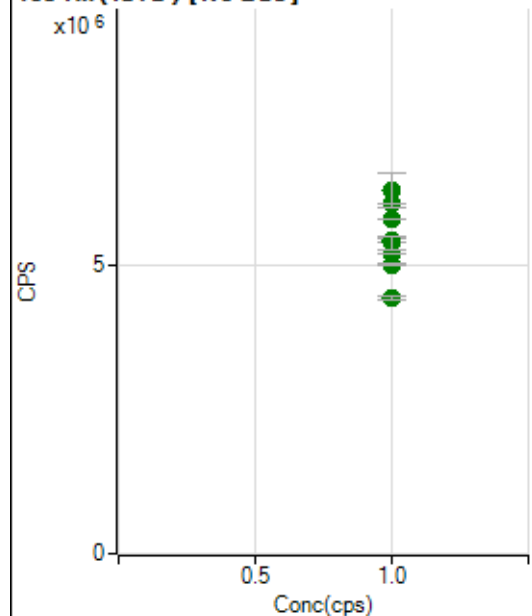
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		243761.83		P	1.6
2	☐	1.000					
3	☐	1.000		244203.81		P	1.8
4	☐	1.000		229841.90		P	0.1
5	☐	1.000		213543.21		P	0.6
6	☐	1.000		207331.12		P	0.4
7	☐	1.000		209521.46		P	0.9
8	☐	1.000		209611.94		P	1.8
9	☐	1.000		218876.14		P	0.5

89 Y (ISTD) [No Gas]

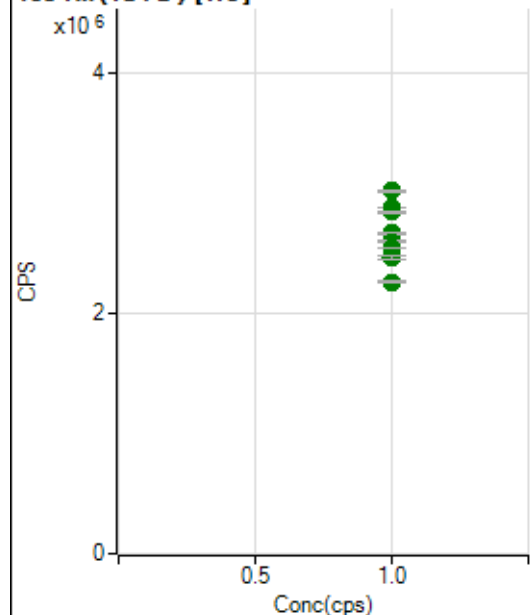
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		7164062.67		A	0.4
2	☐	1.000					
3	☐	1.000		7434689.47		A	10.3
4	☐	1.000		6848701.43		A	0.7
5	☐	1.000		6546816.22		A	0.2
6	☐	1.000		6309453.31		A	0.5
7	☐	1.000		6667421.01		A	4.1
8	☐	1.000		6388553.30		A	0.2
9	☐	1.000		6029326.99		A	1.5

89 Y(ISTD) [He]

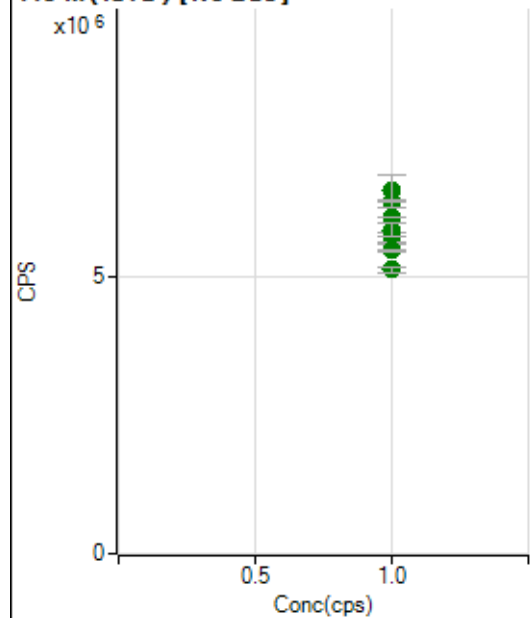
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		1130119.47		P	1.1
2	☐	1.000					
3	☐	1.000		1127559.02		P	0.8
4	☐	1.000		1074832.74		P	0.4
5	☐	1.000		1020994.30		P	0.3
6	☐	1.000		1004350.13		P	0.3
7	☐	1.000		1011582.26		P	0.8
8	☐	1.000		994724.03		P	1.4
9	☐	1.000		997543.57		P	0.5

103 Rh(ISTD) [No Gas]

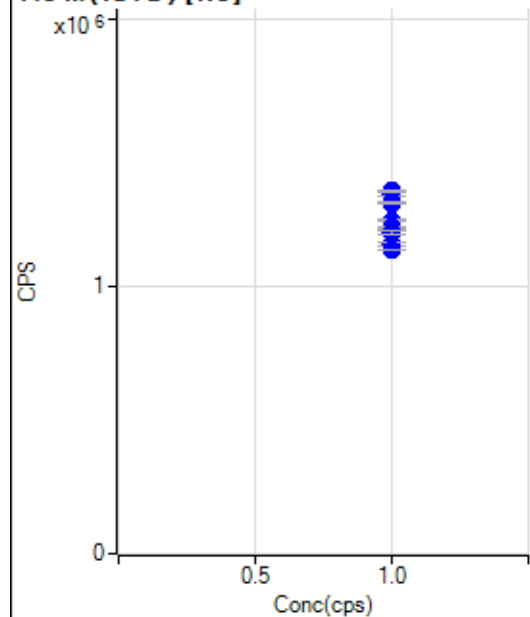
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		6079108.34		A	0.4
2	☐	1.000					
3	☐	1.000		6304257.39		A	9.4
4	☐	1.000		5814880.51		A	0.2
5	☐	1.000		5455686.37		A	1.0
6	☐	1.000		5203775.86		A	0.2
7	☐	1.000		5404953.55		A	4.1
8	☐	1.000		5022709.57		A	0.9
9	☐	1.000		4447793.89		A	1.8

103 Rh (ISTD) [He]

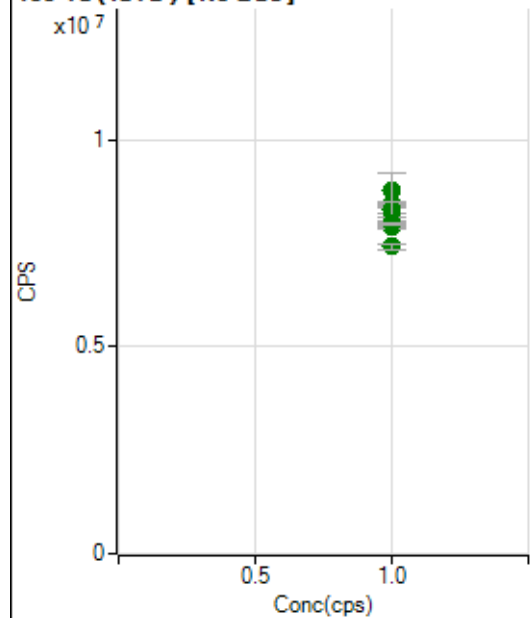
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		2876455.65		A	0.3
2	☐	1.000					
3	☐	1.000		3013887.56		A	0.2
4	☐	1.000		2838704.40		A	0.4
5	☐	1.000		2662274.40		A	0.3
6	☐	1.000		2592568.09		A	0.7
7	☐	1.000		2546299.27		A	0.1
8	☐	1.000		2466095.28		A	1.4
9	☐	1.000		2259504.03		A	0.2

115 In (ISTD) [No Gas]

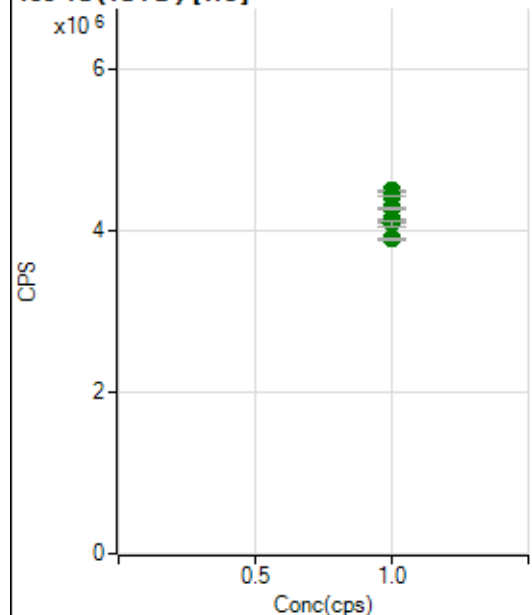
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		6380528.26		A	0.5
2	☐	1.000					
3	☐	1.000		6568505.00		A	9.2
4	☐	1.000		6100551.04		A	0.2
5	☐	1.000		5818967.91		A	0.4
6	☐	1.000		5624256.84		A	0.5
7	☐	1.000		5856941.88		A	4.0
8	☐	1.000		5486560.63		A	0.2
9	☐	1.000		5137722.94		A	1.7

115 In (ISTD) [He]

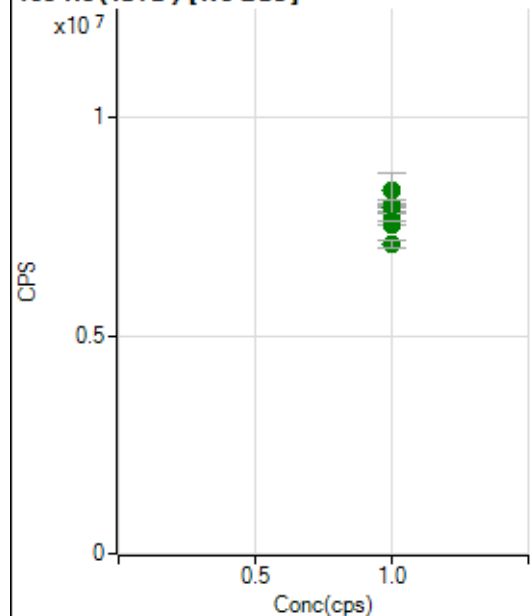
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		1348867.52		P	1.2
2	☐	1.000					
3	☐	1.000		1357964.93		P	0.6
4	☐	1.000		1311283.49		P	0.6
5	☐	1.000		1247077.03		P	0.3
6	☐	1.000		1220345.61		P	0.2
7	☐	1.000		1204066.30		P	1.2
8	☐	1.000		1158625.96		P	1.7
9	☐	1.000		1136590.98		P	0.2

159 Tb (ISTD) [No Gas]

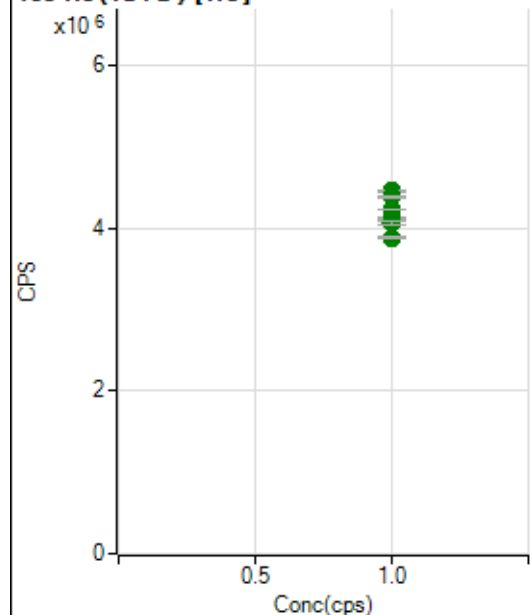
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		8438292.24		A	0.3
2	☐	1.000					
3	☐	1.000		8768735.70		A	9.6
4	☐	1.000		8225903.42		A	0.3
5	☐	1.000		8018850.86		A	0.2
6	☐	1.000		7896213.43		A	0.7
7	☐	1.000		8326707.65		A	4.1
8	☐	1.000		7976077.94		A	0.3
9	☐	1.000		7425584.68		A	1.9

159 Tb (ISTD) [He]

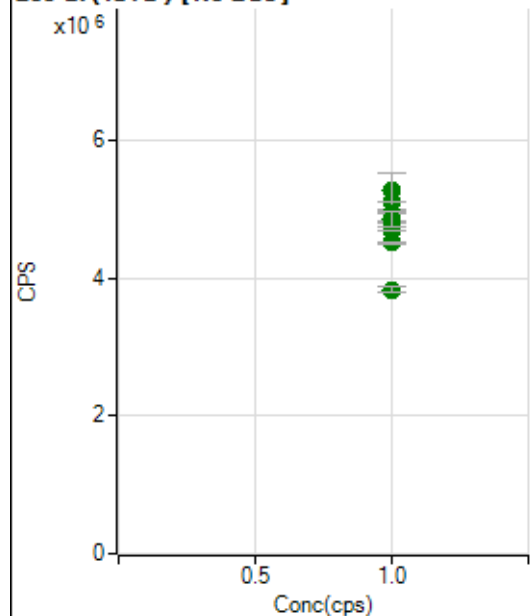
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		4500873.37		A	0.7
2	☐	1.000					
3	☐	1.000		4438996.77		A	0.3
4	☐	1.000		4288685.70		A	0.4
5	☐	1.000		4146668.55		A	0.6
6	☐	1.000		4117409.00		A	0.5
7	☐	1.000		4115484.80		A	0.5
8	☐	1.000		4093380.46		A	1.3
9	☐	1.000		3908020.01		A	0.7

165 Ho (ISTD) [No Gas]

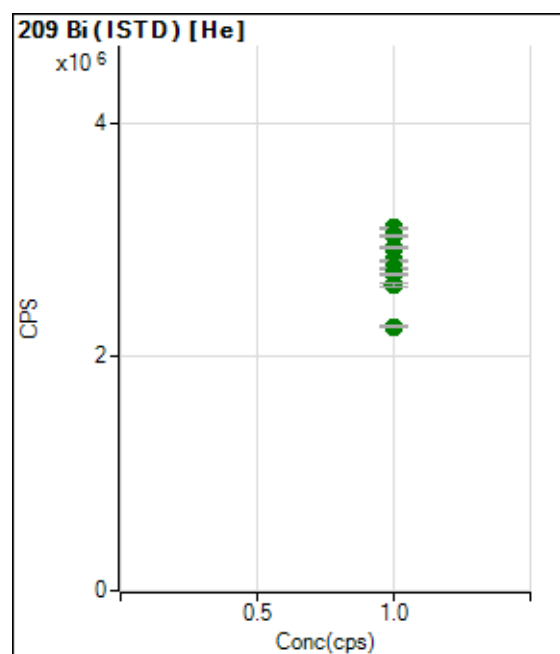
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		7986964.50		A	0.4
2	☐	1.000					
3	☐	1.000		8317152.36		A	9.7
4	☐	1.000		7836940.28		A	0.5
5	☐	1.000		7630720.92		A	0.2
6	☐	1.000		7541601.56		A	0.4
7	☐	1.000		7944924.66		A	4.0
8	☐	1.000		7623588.37		A	0.2
9	☐	1.000		7103913.87		A	2.3

165 Ho (ISTD) [He]

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		4464329.59		A	0.5
2	☐	1.000					
3	☐	1.000		4394598.76		A	0.3
4	☐	1.000		4241724.80		A	0.0
5	☐	1.000		4115930.22		A	0.9
6	☐	1.000		4088343.58		A	0.1
7	☐	1.000		4112700.28		A	0.1
8	☐	1.000		4062621.71		A	1.4
9	☐	1.000		3889324.73		A	0.2

209 Bi (ISTD) [No Gas]

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		5106928.53		A	0.3
2	☐	1.000					
3	☐	1.000		5261542.59		A	9.8
4	☐	1.000		4936308.12		A	0.3
5	☐	1.000		4812073.82		A	0.2
6	☐	1.000		4689935.83		A	0.3
7	☐	1.000		4847224.55		A	4.3
8	☐	1.000		4506186.32		A	0.5
9	☐	1.000		3827732.16		A	2.3



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		3103866.76		A	0.8
2	☐	1.000					
3	☐	1.000		3036926.41		A	0.4
4	☐	1.000		2935656.52		A	0.3
5	☐	1.000		2822298.46		A	0.7
6	☐	1.000		2757152.60		A	0.4
7	☐	1.000		2707054.82		A	0.3
8	☐	1.000		2611991.54		A	1.3
9	☐	1.000		2258635.85		A	0.5

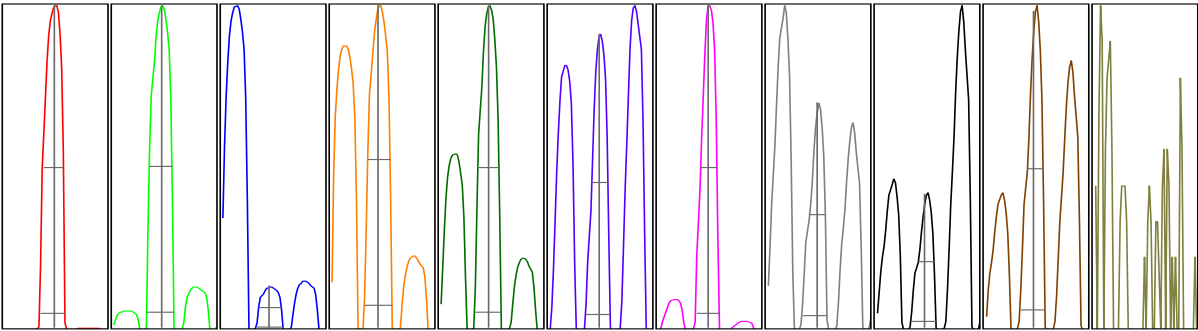
US EPA Tune Check Sample Report

Batch Folder D:\ICP-MS Data\P7092818MS.b
Report Comment
Instrument Name G8403A JP14410463

[No Gas]				
Mass	Count	RSD%	RSD%	RSD%
	(Mean)	(Actual)	(Required)	(Flag)
9	14378	0.58	5.00	
24	1154934	0.83	5.00	
25	153001	0.66	5.00	
26	171764	0.69	5.00	
59	74744	0.75	5.00	
113	8414	1.22	5.00	
115	99694	0.98	5.00	
206	24162	0.59	5.00	
207	22055	0.56	5.00	
208	51860	0.51	5.00	
220	0	120.44		

Mass	Replicate 1 Count	Replicate 2 Count	Replicate 3 Count	Replicate 4 Count	Replicate 5 Count
9	14444	14444	14426	14306	14270
24	1166438	1162189	1154439	1148365	1143240
25	154268	153409	153256	152481	151592
26	173347	172517	171672	170674	170609
59	75154	75308	74960	74233	74065
113	8511	8539	8364	8330	8327
115	100980	100277	99732	98764	98718
206	24343	24238	24113	24154	23961
207	22179	22177	22050	21904	21963
208	52205	52058	51724	51767	51545
220	0	0	0	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	24957	9.00	8.9 - 9.1		0.736	0.900	
24	1876090	23.95	23.9 - 24.1		0.786	0.900	
25	245740	24.90	24.9 - 25.1		0.780	0.900	
26	280873	25.90	25.9 - 26.1		0.803	0.900	
59	131613	58.95	58.9 - 59.1		0.773	0.900	
113	17437	113.00	112.9 - 113.1		0.713	0.900	
115	207394	115.00	114.9 - 115.1		0.684	0.900	
206	51330	206.00	205.9 - 206.1		0.727	0.900	
207	45901	206.95	206.9 - 207.1		0.726	0.900	
208	108765	207.95	207.9 - 208.1		0.725	0.900	
220	0	220.40	-		0.300		

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	14.4	V
Extract 2	-110.0	V	Cell Entrance	-30	V	Plate Bias	-35	V
Omega Bias	-60	V	Cell Exit	-50	V			

Cell Parameters

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

[He]

Mass	Count	RSD%	RSD%
	(Mean)	(Actual)	(Required)
59	19035	0.73	
89	472335	0.69	
205	19635	0.94	

Mass	Replicate 1 Count	Replicate 2 Count	Replicate 3 Count	Replicate 4 Count	Replicate 5 Count
59	19245	19111	18949	18929	18940
89	477272	473662	469334	469682	471722
205	19931	19687	19576	19460	19520

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	7.7	V	Deflect	1.4	V
Extract 2	-120.0	V	Cell Entrance	-40	V	Plate Bias	-60	V
Omega Bias	-65	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 :	LB98243	Operator :	Jaswal
Lab Sample ID :	S0	Instrumnet Name :	P7
Client Sample ID :	S0	Dilution Factor :	1
Date & Time Acquired ::	2018-09-28 15:41:35	DataFile Name :	003CALB.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	-0.14	0.07	0.07	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	0.00	0.00	-0.01	0.00	N/A	ppb
Barium	137-1	0.01	0.00	-0.01	0.00	N/A	ppb
Beryllium	9-1	0.01	0.00	0.00	0.00	N/A	ppb
Bismuth	209-1				100		%
Bismuth	209-2				100		%
Boron	10-1	0.35	-0.31	-0.04	0.00	N/A	ppb
Boron	11-1	0.06	0.04	-0.10	0.00	N/A	ppb
Cadmium	111-1	0.01	-0.04	0.03	0.00	N/A	ppb
Cadmium	106-1	0.16	-0.58	0.41	0.00	N/A	ppb
Cadmium	108-1	-0.02	-0.02	0.04	0.00	N/A	ppb
Calcium	43-1	0.00	-0.53	0.52	0.00	N/A	ppb
Calcium	44-1	-0.57	0.35	0.21	0.00	N/A	ppb
Chromium	52-2	0.02	-0.03	0.00	0.00	N/A	ppb
Cobalt	59-2	0.00	0.00	0.00	0.00	N/A	ppb
Copper	63-2	0.03	-0.01	-0.02	0.00	N/A	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				100		%
Holmium	165-2				100		%
Indium	115-1				100		%
Indium	115-2				100		%
Iron	56-2	-0.06	0.05	0.01	0.00	N/A	ppb
Iron	57-2	-0.47	0.39	0.08	0.00	N/A	ppb
Krypton	83-1						cps
Lead	206-1	0.00	0.01	-0.01	0.00	N/A	ppb
Lead	207-1	-0.01	0.00	0.01	0.00	N/A	ppb
Lead	208-1	0.00	0.00	0.00	0.00	N/A	ppb
Lithium	6-1				100		%
Magnesium	24-2	0.08	0.06	-0.14	0.00	N/A	ppb

LB Number :	LB98243	Operator :	Jaswal
Lab Sample ID :	S0	Instrumnet Name :	P7
Client Sample ID :	S0	Dilution Factor :	1
Date & Time Acquired ::	2018-09-28 15:41:35	DataFile Name :	003CALB.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	0.00	-0.01	0.01	0.00	N/A	ppb
Molybdenum	94-1	0.06	-0.02	-0.04	0.00	N/A	ppb
Molybdenum	95-1	0.00	0.00	0.00	0.00	N/A	ppb
Molybdenum	96-1	-0.01	0.02	-0.01	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	0.01	-0.01	0.00	N/A	ppb
Phosphorus	31-2	-3.77	1.29	-1.66	-1.38		ppb
Potassium	39-2	0.36	-0.07	-0.29	0.00	N/A	ppb
Rhodium	103-1				100		%
Rhodium	103-2				100		%
Scandium	45-1				100		%
Scandium	45-2				100		%
Selenium	77-2	0.00	0.00	0.00	0.00	N/A	ppb
Selenium	78-2	0.21	0.05	-0.26	0.00	N/A	ppb
Selenium	82-1	-0.06	0.31	-0.25	0.00	N/A	ppb
Silicon	28-1	-0.02	0.03	-0.01	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	-0.14	0.70	-0.57	0.00	N/A	ppb
Strontium	86-1	-0.01	0.00	0.01	0.00	N/A	ppb
Strontium	88-1	0.00	0.00	0.00	0.00	N/A	ppb
Sulfur	34-1	98.25	137.45	46.58	94.09	48.44	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	-0.02	0.02	0.00	N/A	ppb
Titanium	47-1	0.00	-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 :	LB98243	Operator :	Jaswal
Lab Sample ID :	S0	Instrumnet Name :	P7
Client Sample ID :	S0	Dilution Factor :	1
Date & Time Acquired ::	2018-09-28 15:41:35	DataFile Name :	003CALB.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zinc	66-2	0.05	-0.09	0.04	0.00	N/A	ppb
Zirconium	90-1	0.00	0.01	-0.01	0.00	N/A	ppb
Zirconium	91-1	0.00	-0.01	0.00	0.00	N/A	ppb

LB Number :	LB98243	Operator :	Jaswal
Lab Sample ID :	S2	Instrumnet Name :	P7
Client Sample ID :	S2	Dilution Factor :	1
Date & Time Acquired ::	2018-09-28 15:49:58	DataFile Name :	005CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	16.87	18.69	20.34	18.63	9.31	ppb
Antimony	121-1	2.25	1.76	1.96	1.99	12.51	ppb
Arsenic	75-2	1.12	1.12	1.08	1.11	2.42	ppb
Barium	135-1	11.05	8.55	10.30	9.97	12.89	ppb
Barium	137-1	10.93	8.66	10.12	9.90	11.64	ppb
Beryllium	9-1	1.08	0.95	1.01	1.01	6.27	ppb
Bismuth	209-1				103		%
Bismuth	209-2				98		%
Boron	10-1	24.53	21.09	23.63	23.08	7.73	ppb
Boron	11-1	24.29	20.87	23.61	22.92	7.90	ppb
Cadmium	111-1	1.15	0.96	1.10	1.07	9.32	ppb
Cadmium	106-1	1.30	0.97	0.54	0.94	40.59	ppb
Cadmium	108-1	1.10	0.96	1.30	1.12	15.08	ppb
Calcium	43-1	502.07	401.97	453.02	452.35	11.06	ppb
Calcium	44-1	495.73	403.86	457.67	452.42	10.20	ppb
Chromium	52-2	2.18	2.13	2.10	2.14	1.83	ppb
Cobalt	59-2	1.07	1.04	1.02	1.04	2.39	ppb
Copper	63-2	2.21	2.16	2.23	2.20	1.70	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				104		%
Holmium	165-2				98		%
Indium	115-1				103		%
Indium	115-2				101		%
Iron	56-2	53.42	52.85	51.46	52.58	1.92	ppb
Iron	57-2	52.93	60.14	55.13	56.07	6.59	ppb
Krypton	83-1						cps
Lead	206-1	1.01	0.86	0.90	0.92	8.58	ppb
Lead	207-1	0.99	0.81	0.97	0.92	10.64	ppb
Lead	208-1	1.01	0.83	0.93	0.93	9.71	ppb
Lithium	6-1				105		%
Magnesium	24-2	492.32	488.21	480.87	487.13	1.19	ppb

LB Number :	LB98243	Operator :	Jaswal
Lab Sample ID :	S2	Instrumnet Name :	P7
Client Sample ID :	S2	Dilution Factor :	1
Date & Time Acquired ::	2018-09-28 15:49:58	DataFile Name :	005CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	1.09	1.01	1.00	1.03	4.73	ppb
Molybdenum	94-1	5.26	4.03	4.84	4.71	13.28	ppb
Molybdenum	95-1	5.58	4.24	5.02	4.95	13.68	ppb
Molybdenum	96-1	5.44	4.30	4.95	4.89	11.70	ppb
Molybdenum	97-1	5.39	4.39	4.96	4.91	10.23	ppb
Molybdenum	98-1	5.29	4.30	5.04	4.88	10.54	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	1.26	1.17	1.01	1.15	11.31	ppb
Phosphorus	31-2	4.60	-2.68	2.23	1.38	268.08	ppb
Potassium	39-2	493.45	498.08	475.67	489.07	2.42	ppb
Rhodium	103-1				104		%
Rhodium	103-2				105		%
Scandium	45-1				104		%
Scandium	45-2				100		%
Selenium	77-2	4.88	1.77	3.49	3.38	46.13	ppb
Selenium	78-2	5.48	5.45	6.66	5.86	11.77	ppb
Selenium	82-1	5.50	4.39	5.25	5.05	11.60	ppb
Silicon	28-1	17.08	9.46	14.46	13.67	28.34	ppb
Silver	109-1	1.32	1.01	1.10	1.14	13.88	ppb
Silver	107-1	1.21	1.05	1.11	1.13	7.19	ppb
Sodium	23-2	494.33	484.63	478.91	485.96	1.60	ppb
Strontium	86-1	1.05	0.91	0.99	0.98	7.19	ppb
Strontium	88-1	1.06	0.88	0.96	0.97	9.50	ppb
Sulfur	34-1	214.64	-456.48	-40.44	-94.09		ppb
Terbium	159-1				104		%
Terbium	159-2				99		%
Thallium	203-1	0.98	0.85	0.95	0.92	7.70	ppb
Thallium	205-1	1.03	0.80	0.96	0.93	12.56	ppb
Thorium	232-1	0.96	0.80	0.89	0.89	9.12	ppb
Tin	118-1	5.40	4.45	5.18	5.01	9.99	ppb
Titanium	47-1	5.55	4.52	5.02	5.03	10.19	ppb
Uranium	238-1	1.00	0.78	0.94	0.91	12.36	ppb
Vanadium	51-2	5.25	5.09	4.86	5.07	3.93	ppb
Yttrium	89-1				104		%
Yttrium	89-2				100		%

LB Number :	LB98243	Operator :	Jaswal
Lab Sample ID :	S2	Instrumnet Name :	P7
Client Sample ID :	S2	Dilution Factor :	1
Date & Time Acquired ::	2018-09-28 15:49:58	DataFile Name :	005CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zinc	66-2	1.86	1.41	1.56	1.61	14.45	ppb
Zirconium	90-1	1.03	0.85	0.98	0.95	9.87	ppb
Zirconium	91-1	1.07	0.89	1.06	1.01	9.77	ppb

LB Number : LB98243 Operator : Jaswal
 Lab Sample ID : S3 Instrumnet Name : P7
 Client Sample ID : S3 Dilution Factor : 1
 Date & Time Acquired :: 2018-09-28 15:53:52 DataFile Name : 006CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	983.02	969.91	955.38	969.44	1.43	ppb
Antimony	121-1	54.26	54.13	54.58	54.32	0.43	ppb
Arsenic	75-2	53.39	53.50	52.47	53.12	1.06	ppb
Barium	135-1	264.35	263.22	266.46	264.68	0.62	ppb
Barium	137-1	265.81	263.51	265.61	264.98	0.48	ppb
Beryllium	9-1	54.21	55.16	55.06	54.81	0.96	ppb
Bismuth	209-1				97		%
Bismuth	209-2				95		%
Boron	10-1	51.00	52.00	52.24	51.75	1.27	ppb
Boron	11-1	50.62	51.39	52.15	51.39	1.50	ppb
Cadmium	111-1	58.20	58.15	58.77	58.37	0.59	ppb
Cadmium	106-1	55.87	58.65	58.12	57.55	2.57	ppb
Cadmium	108-1	61.07	58.33	56.15	58.52	4.21	ppb
Calcium	43-1	4960.30	4979.03	4915.24	4951.52	0.66	ppb
Calcium	44-1	4795.11	4764.91	4762.60	4774.20	0.38	ppb
Chromium	52-2	51.84	51.91	51.41	51.72	0.52	ppb
Cobalt	59-2	52.69	52.98	52.47	52.72	0.49	ppb
Copper	63-2	108.26	108.64	107.13	108.01	0.73	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				98		%
Holmium	165-2				95		%
Indium	115-1				96		%
Indium	115-2				97		%
Iron	56-2	2622.72	2605.19	2585.53	2604.48	0.71	ppb
Iron	57-2	2648.52	2660.68	2640.44	2649.88	0.38	ppb
Krypton	83-1						cps
Lead	206-1	50.41	50.60	50.64	50.55	0.25	ppb
Lead	207-1	50.49	50.87	50.50	50.62	0.43	ppb
Lead	208-1	50.37	50.87	50.53	50.59	0.50	ppb
Lithium	6-1				99		%
Magnesium	24-2	4918.36	4906.28	4862.20	4895.61	0.60	ppb

LB Number :	LB98243	Operator :	Jaswal
Lab Sample ID :	S3	Instrumnet Name :	P7
Client Sample ID :	S3	Dilution Factor :	1
Date & Time Acquired ::	2018-09-28 15:53:52	DataFile Name :	006CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	104.22	102.58	102.93	103.25	0.84	ppb
Molybdenum	94-1	254.35	256.12	257.96	256.14	0.70	ppb
Molybdenum	95-1	256.20	258.10	257.27	257.19	0.37	ppb
Molybdenum	96-1	256.49	258.61	260.28	258.46	0.73	ppb
Molybdenum	97-1	255.00	258.44	258.95	257.46	0.84	ppb
Molybdenum	98-1	256.87	259.07	260.34	258.76	0.68	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	54.12	54.29	52.82	53.74	1.50	ppb
Phosphorus	31-2	1030.72	1026.40	987.94	1015.02	2.32	ppb
Potassium	39-2	2437.95	2412.34	2414.79	2421.69	0.58	ppb
Rhodium	103-1				96		%
Rhodium	103-2				99		%
Scandium	45-1				96		%
Scandium	45-2				94		%
Selenium	77-2	60.86	51.60	59.07	57.18	8.60	ppb
Selenium	78-2	51.92	52.66	57.38	53.99	5.48	ppb
Selenium	82-1	54.39	55.74	56.00	55.37	1.56	ppb
Silicon	28-1	59.30	59.31	60.04	59.55	0.71	ppb
Silver	109-1	62.66	62.54	62.43	62.54	0.18	ppb
Silver	107-1	61.59	62.55	61.27	61.81	1.07	ppb
Sodium	23-2	4784.62	4790.59	4822.90	4799.37	0.43	ppb
Strontium	86-1	51.64	52.70	53.85	52.73	2.09	ppb
Strontium	88-1	51.23	51.22	51.52	51.32	0.33	ppb
Sulfur	34-1	1358.30	1345.99	1250.16	1318.15	4.49	ppb
Terbium	159-1				97		%
Terbium	159-2				95		%
Thallium	203-1	49.58	50.09	49.85	49.84	0.52	ppb
Thallium	205-1	50.09	49.94	50.45	50.16	0.53	ppb
Thorium	232-1	47.13	47.14	47.36	47.21	0.27	ppb
Tin	118-1	54.12	53.37	53.77	53.75	0.69	ppb
Titanium	47-1	256.73	257.06	253.78	255.86	0.71	ppb
Uranium	238-1	48.18	47.60	48.19	47.99	0.71	ppb
Vanadium	51-2	50.65	50.45	51.06	50.72	0.60	ppb
Yttrium	89-1				96		%
Yttrium	89-2				95		%

LB Number :	LB98243	Operator :	Jaswal
Lab Sample ID :	S3	Instrumnet Name :	P7
Client Sample ID :	S3	Dilution Factor :	1
Date & Time Acquired ::	2018-09-28 15:53:52	DataFile Name :	006CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zinc	66-2	170.26	168.95	168.24	169.15	0.61	ppb
Zirconium	90-1	50.77	50.81	51.22	50.93	0.49	ppb
Zirconium	91-1	51.67	52.27	51.37	51.77	0.88	ppb

LB Number :	LB98243	Operator :	Jaswal
Lab Sample ID :	S4	Instrumnet Name :	P7
Client Sample ID :	S4	Dilution Factor :	1
Date & Time Acquired ::	2018-09-28 15:58:04	DataFile Name :	007CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	2482.37	2424.53	2447.00	2451.30	1.19	ppb
Antimony	121-1	133.63	134.93	135.45	134.67	0.69	ppb
Arsenic	75-2	132.83	129.03	132.85	131.57	1.67	ppb
Barium	135-1	655.35	653.06	655.06	654.49	0.19	ppb
Barium	137-1	645.28	650.84	653.33	649.82	0.63	ppb
Beryllium	9-1	135.48	137.67	136.47	136.54	0.80	ppb
Bismuth	209-1				94		%
Bismuth	209-2				91		%
Boron	10-1	123.63	129.20	130.74	127.86	2.93	ppb
Boron	11-1	124.08	130.40	130.27	128.25	2.82	ppb
Cadmium	111-1	143.86	143.90	144.48	144.08	0.24	ppb
Cadmium	106-1	138.37	140.75	140.31	139.81	0.91	ppb
Cadmium	108-1	141.87	143.57	145.91	143.78	1.41	ppb
Calcium	43-1	12509.66	12607.59	12595.65	12570.97	0.42	ppb
Calcium	44-1	12059.82	12045.17	12032.19	12045.73	0.11	ppb
Chromium	52-2	131.28	129.87	130.00	130.38	0.60	ppb
Cobalt	59-2	133.18	132.70	132.77	132.88	0.20	ppb
Copper	63-2	272.91	270.36	271.82	271.70	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				96		%
Holmium	165-2				92		%
Indium	115-1				91		%
Indium	115-2				92		%
Iron	56-2	6675.85	6610.35	6613.97	6633.39	0.55	ppb
Iron	57-2	6733.81	6670.84	6727.45	6710.70	0.52	ppb
Krypton	83-1						cps
Lead	206-1	125.56	124.41	125.13	125.03	0.46	ppb
Lead	207-1	126.11	126.14	126.36	126.20	0.11	ppb
Lead	208-1	125.82	125.47	125.68	125.66	0.14	ppb
Lithium	6-1				93		%
Magnesium	24-2	12589.41	12360.67	12463.64	12471.24	0.92	ppb

LB Number :	LB98243	Operator :	Jaswal
Lab Sample ID :	S4	Instrumnet Name :	P7
Client Sample ID :	S4	Dilution Factor :	1
Date & Time Acquired ::	2018-09-28 15:58:04	DataFile Name :	007CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	264.31	261.42	262.64	262.79	0.55	ppb
Molybdenum	94-1	634.86	632.76	636.23	634.62	0.28	ppb
Molybdenum	95-1	637.74	639.63	635.99	637.78	0.29	ppb
Molybdenum	96-1	637.50	644.03	631.91	637.81	0.95	ppb
Molybdenum	97-1	628.19	631.07	630.45	629.90	0.24	ppb
Molybdenum	98-1	638.47	639.64	630.86	636.32	0.75	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	138.40	135.38	136.77	136.85	1.10	ppb
Phosphorus	31-2	2661.47	2501.86	2525.23	2562.85	3.36	ppb
Potassium	39-2	6018.67	6020.65	6036.23	6025.18	0.16	ppb
Rhodium	103-1				90		%
Rhodium	103-2				93		%
Scandium	45-1				90		%
Scandium	45-2				88		%
Selenium	77-2	132.10	133.28	146.06	137.15	5.65	ppb
Selenium	78-2	131.92	139.43	132.54	134.63	3.10	ppb
Selenium	82-1	138.30	138.34	137.73	138.12	0.25	ppb
Silicon	28-1	141.09	142.04	145.00	142.71	1.43	ppb
Silver	109-1	150.27	150.97	150.82	150.69	0.25	ppb
Silver	107-1	148.54	149.17	148.57	148.76	0.24	ppb
Sodium	23-2	12271.37	12161.44	12200.60	12211.14	0.46	ppb
Strontium	86-1	130.49	130.73	132.04	131.09	0.63	ppb
Strontium	88-1	127.22	126.86	127.28	127.12	0.18	ppb
Sulfur	34-1	2702.14	2620.32	2605.53	2642.66	1.97	ppb
Terbium	159-1				95		%
Terbium	159-2				92		%
Thallium	203-1	124.53	124.31	125.71	124.85	0.60	ppb
Thallium	205-1	123.26	121.89	122.42	122.52	0.57	ppb
Thorium	232-1	118.05	119.94	119.56	119.18	0.84	ppb
Tin	118-1	131.39	132.15	133.37	132.30	0.75	ppb
Titanium	47-1	635.53	642.32	638.10	638.65	0.54	ppb
Uranium	238-1	119.13	119.25	120.09	119.49	0.44	ppb
Vanadium	51-2	129.60	128.31	128.12	128.67	0.62	ppb
Yttrium	89-1				91		%
Yttrium	89-2				90		%

LB Number :	LB98243	Operator :	Jaswal
Lab Sample ID :	S4	Instrumnet Name :	P7
Client Sample ID :	S4	Dilution Factor :	1
Date & Time Acquired ::	2018-09-28 15:58:04	DataFile Name :	007CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zinc	66-2	582.76	581.33	583.01	582.36	0.16	ppb
Zirconium	90-1	126.01	126.60	124.79	125.80	0.73	ppb
Zirconium	91-1	131.36	131.55	132.08	131.66	0.28	ppb

LB Number :	LB98243	Operator :	Jaswal
Lab Sample ID :	S5	Instrumnet Name :	P7
Client Sample ID :	S5	Dilution Factor :	1
Date & Time Acquired ::	2018-09-28 16:01:53	DataFile Name :	008CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	4772.94	4719.43	4760.18	4750.85	0.59	ppb
Antimony	121-1	255.05	260.14	258.42	257.87	1.00	ppb
Arsenic	75-2	256.63	251.21	254.53	254.12	1.08	ppb
Barium	135-1	1242.22	1266.82	1274.57	1261.20	1.34	ppb
Barium	137-1	1278.50	1286.13	1291.40	1285.34	0.50	ppb
Beryllium	9-1	264.89	264.92	263.84	264.55	0.23	ppb
Bismuth	209-1				92		%
Bismuth	209-2				89		%
Boron	10-1	256.06	261.83	265.29	261.06	1.79	ppb
Boron	11-1	258.48	263.58	266.16	262.74	1.49	ppb
Cadmium	111-1	272.16	276.56	279.97	276.23	1.42	ppb
Cadmium	106-1	260.40	266.64	271.77	266.27	2.14	ppb
Cadmium	108-1	263.70	267.88	270.41	267.33	1.27	ppb
Calcium	43-1	24419.41	24489.13	24534.87	24481.14	0.24	ppb
Calcium	44-1	24176.33	24128.82	24157.35	24154.16	0.10	ppb
Chromium	52-2	255.49	256.46	257.47	256.47	0.39	ppb
Cobalt	59-2	259.10	258.27	259.57	258.98	0.25	ppb
Copper	63-2	528.95	527.63	526.56	527.71	0.23	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				94		%
Holmium	165-2				92		%
Indium	115-1				88		%
Indium	115-2				90		%
Iron	56-2	13156.51	12953.14	13105.72	13071.79	0.81	ppb
Iron	57-2	13190.05	13177.05	13251.42	13206.17	0.30	ppb
Krypton	83-1						cps
Lead	206-1	246.12	247.89	248.21	247.41	0.45	ppb
Lead	207-1	249.28	250.71	250.72	250.24	0.33	ppb
Lead	208-1	249.94	249.36	249.47	249.59	0.12	ppb
Lithium	6-1				88		%
Magnesium	24-2	24740.50	24425.82	24525.87	24564.06	0.65	ppb

LB Number :	LB98243	Operator :	Jaswal
Lab Sample ID :	S5	Instrumnet Name :	P7
Client Sample ID :	S5	Dilution Factor :	1
Date & Time Acquired ::	2018-09-28 16:01:53	DataFile Name :	008CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	516.69	514.70	519.93	517.10	0.51	ppb
Molybdenum	94-1	1279.83	1283.92	1290.89	1284.88	0.44	ppb
Molybdenum	95-1	1276.59	1284.80	1292.23	1284.54	0.61	ppb
Molybdenum	96-1	1285.74	1291.71	1294.33	1290.60	0.34	ppb
Molybdenum	97-1	1272.49	1290.58	1287.80	1283.62	0.76	ppb
Molybdenum	98-1	1276.80	1285.50	1289.54	1283.95	0.51	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	269.51	264.90	266.28	266.90	0.89	ppb
Phosphorus	31-2	5176.61	5021.73	4905.17	5034.50	2.70	ppb
Potassium	39-2	11985.36	11789.92	11926.64	11900.64	0.84	ppb
Rhodium	103-1				86		%
Rhodium	103-2				90		%
Scandium	45-1				87		%
Scandium	45-2				85		%
Selenium	77-2	271.91	265.28	250.74	262.64	4.12	ppb
Selenium	78-2	254.64	251.50	247.36	251.16	1.45	ppb
Selenium	82-1	268.80	267.39	273.98	270.06	1.28	ppb
Silicon	28-1	274.83	279.54	278.29	277.55	0.88	ppb
Silver	109-1	287.35	283.75	289.75	286.95	1.05	ppb
Silver	107-1	287.20	289.01	288.63	288.28	0.33	ppb
Sodium	23-2	24298.15	23921.23	24051.04	24090.14	0.79	ppb
Strontium	86-1	261.17	262.92	267.32	263.80	1.20	ppb
Strontium	88-1	256.09	256.25	257.94	256.76	0.40	ppb
Sulfur	34-1	5019.90	4952.95	4880.56	4951.14	1.41	ppb
Terbium	159-1				94		%
Terbium	159-2				91		%
Thallium	203-1	242.28	246.15	247.40	245.27	1.09	ppb
Thallium	205-1	249.07	249.61	248.14	248.94	0.30	ppb
Thorium	232-1	244.05	245.07	242.66	243.93	0.50	ppb
Tin	118-1	251.62	259.99	257.47	256.36	1.67	ppb
Titanium	47-1	1244.68	1259.38	1255.61	1253.22	0.61	ppb
Uranium	238-1	243.46	244.93	243.43	243.94	0.35	ppb
Vanadium	51-2	255.75	253.78	256.18	255.24	0.50	ppb
Yttrium	89-1				88		%
Yttrium	89-2				89		%

LB Number :	LB98243	Operator :	Jaswal
Lab Sample ID :	S5	Instrumnet Name :	P7
Client Sample ID :	S5	Dilution Factor :	1
Date & Time Acquired ::	2018-09-28 16:01:53	DataFile Name :	008CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zinc	66-2	810.05	811.17	807.62	809.61	0.22	ppb
Zirconium	90-1	255.58	254.19	254.98	254.91	0.27	ppb
Zirconium	91-1	256.80	257.41	262.96	259.06	1.31	ppb

LB Number :	LB98243	Operator :	Jaswal
Lab Sample ID :	S6	Instrumnet Name :	P7
Client Sample ID :	S6	Dilution Factor :	1
Date & Time Acquired ::	2018-09-28 16:05:41	DataFile Name :	009CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	9398.68	9380.25	9316.52	9365.15	0.46	ppb
Antimony	121-1	467.01	476.21	508.78	484.00	4.53	ppb
Arsenic	75-2	502.08	505.92	498.59	502.20	0.73	ppb
Barium	135-1	2333.00	2377.23	2524.83	2411.69	4.16	ppb
Barium	137-1	2322.99	2365.76	2521.62	2403.46	4.35	ppb
Beryllium	9-1	470.01	482.51	511.57	488.03	4.37	ppb
Bismuth	209-1				95		%
Bismuth	209-2				87		%
Boron	10-1	479.11	490.09	524.06	497.75	4.71	ppb
Boron	11-1	473.41	490.35	523.44	495.73	5.13	ppb
Cadmium	111-1	475.94	491.10	525.47	497.50	5.10	ppb
Cadmium	106-1	467.45	479.88	519.76	489.03	5.59	ppb
Cadmium	108-1	469.54	473.05	513.21	485.27	5.00	ppb
Calcium	43-1	43652.52	44775.34	47550.64	45326.17	4.43	ppb
Calcium	44-1	43907.37	44538.80	47448.42	45298.20	4.17	ppb
Chromium	52-2	502.45	497.17	503.89	501.17	0.71	ppb
Cobalt	59-2	503.37	498.56	498.45	500.13	0.56	ppb
Copper	63-2	1023.33	1008.97	1006.00	1012.77	0.91	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				92		%
Indium	115-1				92		%
Indium	115-2				89		%
Iron	56-2	26016.23	25762.22	25706.99	25828.48	0.64	ppb
Iron	57-2	25875.62	25672.55	25900.50	25816.22	0.48	ppb
Krypton	83-1						cps
Lead	206-1	461.50	463.18	499.31	474.66	4.50	ppb
Lead	207-1	460.51	463.80	501.63	475.31	4.81	ppb
Lead	208-1	460.26	464.30	501.48	475.35	4.78	ppb
Lithium	6-1				91		%
Magnesium	24-2	48661.42	48357.98	47848.83	48289.41	0.85	ppb

LB Number :	LB98243	Operator :	Jaswal
Lab Sample ID :	S6	Instrumnet Name :	P7
Client Sample ID :	S6	Dilution Factor :	1
Date & Time Acquired ::	2018-09-28 16:05:41	DataFile Name :	009CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	1009.93	1004.91	1007.75	1007.53	0.25	ppb
Molybdenum	94-1	2317.02	2348.73	2527.97	2397.91	4.74	ppb
Molybdenum	95-1	2314.91	2358.41	2528.47	2400.60	4.70	ppb
Molybdenum	96-1	2315.62	2359.86	2543.78	2406.42	5.03	ppb
Molybdenum	97-1	2311.60	2363.69	2547.60	2407.63	5.15	ppb
Molybdenum	98-1	2313.23	2366.34	2542.21	2407.26	4.98	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	515.39	515.06	514.77	515.07	0.06	ppb
Phosphorus	31-2	10078.97	10128.67	9867.67	10025.10	1.38	ppb
Potassium	39-2	23691.32	23501.67	23402.03	23531.67	0.62	ppb
Rhodium	103-1				89		%
Rhodium	103-2				89		%
Scandium	45-1				90		%
Scandium	45-2				86		%
Selenium	77-2	506.07	464.93	524.78	498.60	6.14	ppb
Selenium	78-2	502.39	495.82	492.21	496.81	1.04	ppb
Selenium	82-1	467.94	483.65	517.92	489.84	5.22	ppb
Silicon	28-1	487.27	502.71	533.15	507.71	4.60	ppb
Silver	109-1	507.82	519.92	557.03	528.26	4.85	ppb
Silver	107-1	508.62	521.80	559.78	530.07	5.01	ppb
Sodium	23-2	48025.57	47314.87	46991.37	47443.94	1.12	ppb
Strontium	86-1	462.05	475.32	508.43	481.93	4.96	ppb
Strontium	88-1	464.52	475.24	502.06	480.61	4.02	ppb
Sulfur	34-1	8726.93	9180.45	9822.94	9243.44	5.96	ppb
Terbium	159-1				99		%
Terbium	159-2				91		%
Thallium	203-1	461.10	464.05	499.38	474.85	4.49	ppb
Thallium	205-1	462.47	463.64	498.13	474.75	4.27	ppb
Thorium	232-1	457.04	457.23	491.10	468.46	4.19	ppb
Tin	118-1	463.76	475.66	509.78	483.07	4.94	ppb
Titanium	47-1	2319.98	2352.52	2533.85	2402.12	4.80	ppb
Uranium	238-1	458.11	460.89	498.23	472.41	4.74	ppb
Vanadium	51-2	503.14	501.08	502.84	502.35	0.22	ppb
Yttrium	89-1				93		%
Yttrium	89-2				90		%

LB Number :	LB98243	Operator :	Jaswal
Lab Sample ID :	S6	Instrumnet Name :	P7
Client Sample ID :	S6	Dilution Factor :	1
Date & Time Acquired ::	2018-09-28 16:05:41	DataFile Name :	009CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zinc	66-2	1107.72	1104.87	1104.39	1105.66	0.16	ppb
Zirconium	90-1	458.91	467.42	501.68	476.00	4.76	ppb
Zirconium	91-1	453.72	466.91	505.21	475.28	5.63	ppb

LB Number :	LB98243	Operator :	Jaswal
Lab Sample ID :	S7	Instrumnet Name :	P7
Client Sample ID :	S7	Dilution Factor :	1
Date & Time Acquired ::	2018-09-28 16:09:26	DataFile Name :	010CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	18628.15	18824.11	18465.25	18639.17	0.96	ppb
Antimony	121-1	997.81	1011.33	1004.69	1004.61	0.67	ppb
Arsenic	75-2	1000.67	1003.53	986.49	996.89	0.92	ppb
Barium	135-1	5014.74	5068.10	5027.98	5036.94	0.55	ppb
Barium	137-1	4989.50	5045.93	5071.33	5035.58	0.83	ppb
Beryllium	9-1	997.88	1004.46	999.65	1000.66	0.34	ppb
Bismuth	209-1				88		%
Bismuth	209-2				84		%
Boron	10-1	970.52	1008.66	1014.71	997.96	2.40	ppb
Boron	11-1	973.17	1008.99	1013.41	998.52	2.21	ppb
Cadmium	111-1	983.71	998.02	993.94	991.89	0.74	ppb
Cadmium	106-1	991.66	1002.66	1003.24	999.19	0.65	ppb
Cadmium	108-1	981.74	1012.24	1006.80	1000.26	1.63	ppb
Calcium	43-1	95999.93	95717.46	95647.09	95788.16	0.19	ppb
Calcium	44-1	95291.78	95404.83	95080.76	95259.12	0.17	ppb
Chromium	52-2	995.42	1012.52	983.18	997.04	1.48	ppb
Cobalt	59-2	993.33	1012.88	983.50	996.57	1.50	ppb
Copper	63-2	1978.66	2020.54	1951.53	1983.58	1.75	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				95		%
Holmium	165-2				91		%
Indium	115-1				86		%
Indium	115-2				86		%
Iron	56-2	51628.14	52327.82	50774.21	51576.72	1.51	ppb
Iron	57-2	51551.13	52307.93	50699.16	51519.41	1.56	ppb
Krypton	83-1						cps
Lead	206-1	1015.20	1011.61	1013.05	1013.29	0.18	ppb
Lead	207-1	1012.85	1016.23	1007.22	1012.10	0.45	ppb
Lead	208-1	1013.64	1015.44	1007.86	1012.32	0.39	ppb
Lithium	6-1				87		%
Magnesium	24-2	97649.58	98817.10	96335.82	97600.83	1.27	ppb

LB Number :	LB98243	Operator :	Jaswal
Lab Sample ID :	S7	Instrumnet Name :	P7
Client Sample ID :	S7	Dilution Factor :	1
Date & Time Acquired ::	2018-09-28 16:09:26	DataFile Name :	010CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	1992.46	2012.63	1965.49	1990.20	1.19	ppb
Molybdenum	94-1	5028.37	5043.20	5050.88	5040.82	0.23	ppb
Molybdenum	95-1	5027.34	5044.71	5045.28	5039.11	0.20	ppb
Molybdenum	96-1	5018.30	5048.92	5036.63	5034.62	0.31	ppb
Molybdenum	97-1	5039.60	5029.30	5041.48	5036.79	0.13	ppb
Molybdenum	98-1	5023.71	5030.05	5054.33	5036.03	0.32	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	980.97	1003.93	974.81	986.57	1.56	ppb
Phosphorus	31-2	19737.19	20079.25	20094.21	19970.22	1.01	ppb
Potassium	39-2	47535.86	48288.97	47224.24	47683.02	1.15	ppb
Rhodium	103-1				83		%
Rhodium	103-2				86		%
Scandium	45-1				87		%
Scandium	45-2				86		%
Selenium	77-2	1018.67	1000.31	968.04	995.67	2.57	ppb
Selenium	78-2	1014.71	994.78	990.20	999.90	1.30	ppb
Selenium	82-1	994.85	1001.87	997.76	998.16	0.35	ppb
Silicon	28-1	981.43	983.77	994.37	986.53	0.70	ppb
Silver	109-1	970.89	979.73	967.77	972.80	0.64	ppb
Silver	107-1	964.83	976.78	973.89	971.84	0.64	ppb
Sodium	23-2	96680.56	98161.39	95101.67	96647.87	1.58	ppb
Strontium	86-1	1001.56	1005.46	1007.03	1004.69	0.28	ppb
Strontium	88-1	1003.24	1012.32	1007.47	1007.68	0.45	ppb
Sulfur	34-1	20204.46	20292.60	20573.21	20356.76	0.95	ppb
Terbium	159-1				95		%
Terbium	159-2				91		%
Thallium	203-1	1012.43	1012.29	1016.64	1013.79	0.24	ppb
Thallium	205-1	1016.09	1011.90	1011.58	1013.19	0.25	ppb
Thorium	232-1	1015.41	1022.34	1016.72	1018.16	0.36	ppb
Tin	118-1	1002.88	1009.69	1004.76	1005.78	0.35	ppb
Titanium	47-1	5060.67	5027.05	5050.69	5046.14	0.34	ppb
Uranium	238-1	1014.16	1024.92	1009.23	1016.10	0.79	ppb
Vanadium	51-2	989.69	1014.86	986.50	997.02	1.56	ppb
Yttrium	89-1				89		%
Yttrium	89-2				88		%

LB Number :	LB98243	Operator :	Jaswal
Lab Sample ID :	S7	Instrumnet Name :	P7
Client Sample ID :	S7	Dilution Factor :	1
Date & Time Acquired ::	2018-09-28 16:09:26	DataFile Name :	010CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zinc	66-2	1818.58	1854.55	1801.16	1824.76	1.49	ppb
Zirconium	90-1	1006.40	1008.72	1016.76	1010.62	0.54	ppb
Zirconium	91-1	1004.33	1005.14	1018.06	1009.17	0.76	ppb

LB Number :	LB98243	Operator :	Jaswal
Lab Sample ID :	S8	Instrumnet Name :	P7
Client Sample ID :	S8	Dilution Factor :	1
Date & Time Acquired ::	2018-09-28 16:13:12	DataFile Name :	011CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	99582.58	100704.29	100762.03	100349.63	0.66	ppb
Antimony	121-1	2.31	2.44	2.52	2.42	4.28	ppb
Arsenic	75-2	1.31	1.37	1.58	1.42	9.86	ppb
Barium	135-1	1.89	1.86	2.00	1.92	3.88	ppb
Barium	137-1	1.81	1.84	1.93	1.86	3.41	ppb
Beryllium	9-1	0.18	0.16	0.13	0.16	17.64	ppb
Bismuth	209-1				75		%
Bismuth	209-2				73		%
Boron	10-1	65.43	58.79	58.52	60.91	6.43	ppb
Boron	11-1	64.95	59.74	56.07	60.25	7.41	ppb
Cadmium	111-1	0.17	0.20	0.13	0.17	18.74	ppb
Cadmium	106-1	0.66	0.36	-0.09	0.31	120.44	ppb
Cadmium	108-1	0.51	0.43	0.41	0.45	11.03	ppb
Calcium	43-1	495921.52	495159.84	512922.00	501334.45	2.00	ppb
Calcium	44-1	496607.72	492519.02	515296.19	501474.31	2.42	ppb
Chromium	52-2	45.27	45.43	45.39	45.36	0.18	ppb
Cobalt	59-2	12.57	12.23	12.15	12.31	1.84	ppb
Copper	63-2	4.13	4.01	4.12	4.09	1.56	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				89		%
Holmium	165-2				87		%
Indium	115-1				81		%
Indium	115-2				84		%
Iron	56-2	249295.76	250485.40	248906.60	249562.59	0.33	ppb
Iron	57-2	248898.18	250535.82	249264.51	249566.17	0.34	ppb
Krypton	83-1						cps
Lead	206-1	1.58	1.56	1.61	1.58	1.71	ppb
Lead	207-1	1.39	1.38	1.49	1.42	4.25	ppb
Lead	208-1	1.49	1.47	1.57	1.51	3.40	ppb
Lithium	6-1				85		%
Magnesium	24-2	500542.18	501355.82	500125.40	500674.47	0.12	ppb

LB Number :	LB98243	Operator :	Jaswal
Lab Sample ID :	S8	Instrumnet Name :	P7
Client Sample ID :	S8	Dilution Factor :	1
Date & Time Acquired ::	2018-09-28 16:13:12	DataFile Name :	011CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	12.59	12.77	12.64	12.67	0.72	ppb
Molybdenum	94-1	5.67	6.01	6.01	5.89	3.32	ppb
Molybdenum	95-1	8.11	8.00	8.26	8.12	1.64	ppb
Molybdenum	96-1	9.66	8.87	9.54	9.36	4.52	ppb
Molybdenum	97-1	7.99	7.96	7.55	7.84	3.11	ppb
Molybdenum	98-1	7.80	7.69	7.61	7.70	1.27	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	34.98	34.78	34.11	34.62	1.31	ppb
Phosphorus	31-2	1.42	24.83	8.91	11.72	101.97	ppb
Potassium	39-2	249401.20	251298.93	251239.73	250646.62	0.43	ppb
Rhodium	103-1				73		%
Rhodium	103-2				79		%
Scandium	45-1				85		%
Scandium	45-2				90		%
Selenium	77-2	0.50	0.00	0.99	0.50	99.75	ppb
Selenium	78-2	0.64	0.13	0.12	0.30	98.50	ppb
Selenium	82-1	1.02	0.92	0.61	0.85	24.85	ppb
Silicon	28-1	31.56	31.65	34.30	32.50	4.79	ppb
Silver	109-1	0.13	0.14	0.15	0.14	5.27	ppb
Silver	107-1	0.13	0.15	0.14	0.14	5.95	ppb
Sodium	23-2	500198.83	503249.13	499494.33	500980.77	0.40	ppb
Strontium	86-1	4.75	4.93	5.04	4.91	2.97	ppb
Strontium	88-1	4.84	4.92	5.02	4.93	1.89	ppb
Sulfur	34-1	-7.41	63.82	195.21	83.87	122.55	ppb
Terbium	159-1				88		%
Terbium	159-2				87		%
Thallium	203-1	0.46	0.47	0.50	0.48	4.24	ppb
Thallium	205-1	0.50	0.48	0.47	0.49	3.32	ppb
Thorium	232-1	0.24	0.24	0.25	0.24	1.49	ppb
Tin	118-1	1.18	1.31	1.27	1.25	5.08	ppb
Titanium	47-1	1.53	1.60	1.48	1.54	3.85	ppb
Uranium	238-1	0.16	0.16	0.14	0.15	7.52	ppb
Vanadium	51-2	0.58	0.56	0.57	0.57	2.18	ppb
Yttrium	89-1				84		%
Yttrium	89-2				88		%

LB Number :	LB98243	Operator :	Jaswal
Lab Sample ID :	S8	Instrumnet Name :	P7
Client Sample ID :	S8	Dilution Factor :	1
Date & Time Acquired ::	2018-09-28 16:13:12	DataFile Name :	011CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zinc	66-2	365.39	367.16	365.17	365.91	0.30	ppb
Zirconium	90-1	0.19	0.19	0.20	0.19	3.27	ppb
Zirconium	91-1	0.17	0.18	0.16	0.17	6.18	ppb

LB Number :	LB98243	Operator :	Jaswal
Lab Sample ID :	ICV01	Instrumnet Name :	P7
Client Sample ID :	ICV01	Dilution Factor :	1
Date & Time Acquired ::	2018-09-28 16:18:46	DataFile Name :	012ICV01.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	470.65	490.77	478.35	479.92	2.11	ppb
Antimony	121-1	189.10	186.23	201.31	192.21	4.17	ppb
Arsenic	75-2	202.09	204.05	204.86	203.67	0.70	ppb
Barium	135-1	97.36	97.85	103.91	99.71	3.66	ppb
Barium	137-1	96.55	96.89	105.16	99.53	4.90	ppb
Beryllium	9-1	97.17	94.67	101.91	97.91	3.76	ppb
Bismuth	209-1				100		%
Bismuth	209-2				94		%
Boron	10-1	14.86	14.01	14.10	14.33	3.26	ppb
Boron	11-1	14.79	14.25	14.56	14.53	1.89	ppb
Cadmium	111-1	104.06	102.87	110.58	105.84	3.92	ppb
Cadmium	106-1	84.26	84.65	90.17	86.36	3.82	ppb
Cadmium	108-1	88.30	88.06	97.82	91.39	6.10	ppb
Calcium	43-1	1838.14	1820.84	1926.17	1861.72	3.03	ppb
Calcium	44-1	1832.39	1824.52	1950.52	1869.15	3.78	ppb
Chromium	52-2	97.29	99.03	99.98	98.77	1.38	ppb
Cobalt	59-2	101.55	103.71	104.13	103.13	1.34	ppb
Copper	63-2	105.37	105.87	108.11	106.45	1.37	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				101		%
Holmium	165-2				95		%
Indium	115-1				99		%
Indium	115-2				98		%
Iron	56-2	1033.39	1039.77	1044.44	1039.20	0.53	ppb
Iron	57-2	1038.11	1060.64	1061.69	1053.48	1.26	ppb
Krypton	83-1						cps
Lead	206-1	182.97	179.16	193.71	185.28	4.07	ppb
Lead	207-1	177.74	174.78	187.24	179.92	3.62	ppb
Lead	208-1	182.35	178.83	191.95	184.38	3.68	ppb
Lithium	6-1				104		%
Magnesium	24-2	1195.84	1214.99	1211.70	1207.51	0.85	ppb

LB Number :	LB98243	Operator :	Jaswal
Lab Sample ID :	ICV01	Instrumnet Name :	P7
Client Sample ID :	ICV01	Dilution Factor :	1
Date & Time Acquired ::	2018-09-28 16:18:46	DataFile Name :	012ICV01.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	97.62	100.35	101.35	99.77	1.94	ppb
Molybdenum	94-1	0.17	0.10	0.04	0.10	62.60	ppb
Molybdenum	95-1	0.13	0.12	0.10	0.11	13.02	ppb
Molybdenum	96-1	0.13	0.10	0.11	0.11	11.95	ppb
Molybdenum	97-1	0.09	0.10	0.10	0.10	8.62	ppb
Molybdenum	98-1	0.12	0.11	0.12	0.11	6.64	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	103.80	105.91	106.64	105.45	1.40	ppb
Phosphorus	31-2	2.24	5.52	4.14	3.97	41.43	ppb
Potassium	39-2	1921.94	1942.73	1975.90	1946.86	1.40	ppb
Rhodium	103-1				99		%
Rhodium	103-2				99		%
Scandium	45-1				100		%
Scandium	45-2				96		%
Selenium	77-2	213.70	209.80	219.71	214.40	2.33	ppb
Selenium	78-2	195.24	210.48	211.26	205.66	4.39	ppb
Selenium	82-1	198.60	195.20	212.15	201.98	4.44	ppb
Silicon	28-1	3.92	3.75	6.26	4.64	30.17	ppb
Silver	109-1	108.35	107.18	115.11	110.21	3.88	ppb
Silver	107-1	107.47	105.51	114.48	109.16	4.32	ppb
Sodium	23-2	1953.10	1997.85	2007.82	1986.25	1.47	ppb
Strontium	86-1	2.21	2.26	2.44	2.30	5.35	ppb
Strontium	88-1	2.17	2.25	2.37	2.26	4.30	ppb
Sulfur	34-1	-213.85	-352.91	-103.68	-223.48		ppb
Terbium	159-1				100		%
Terbium	159-2				95		%
Thallium	203-1	179.96	177.63	191.51	183.04	4.06	ppb
Thallium	205-1	186.85	182.08	195.20	188.04	3.53	ppb
Thorium	232-1	0.07	0.06	0.08	0.07	11.29	ppb
Tin	118-1	0.16	0.13	0.21	0.16	22.46	ppb
Titanium	47-1	0.13	0.12	0.11	0.12	10.40	ppb
Uranium	238-1	470.72	453.64	491.26	471.87	3.99	ppb
Vanadium	51-2	98.10	99.27	100.30	99.22	1.11	ppb
Yttrium	89-1				99		%
Yttrium	89-2				96		%

LB Number :	LB98243	Operator :	Jaswal
Lab Sample ID :	ICV01	Instrumnet Name :	P7
Client Sample ID :	ICV01	Dilution Factor :	1
Date & Time Acquired ::	2018-09-28 16:18:46	DataFile Name :	012ICV01.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zinc	66-2	162.52	164.42	165.91	164.28	1.03	ppb
Zirconium	90-1	0.03	0.01	0.01	0.02	72.13	ppb
Zirconium	91-1	0.09	0.08	0.10	0.09	14.91	ppb

LB Number :	LB98243	Operator :	Jaswal
Lab Sample ID :	LLICV01	Instrumnet Name :	P7
Client Sample ID :	LLICV01	Dilution Factor :	1
Date & Time Acquired ::	2018-09-28 16:22:20	DataFile Name :	013LLIC.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	19.61	20.33	17.55	19.16	7.52	ppb
Antimony	121-1	2.15	2.16	2.22	2.18	1.66	ppb
Arsenic	75-2	1.10	1.09	1.21	1.14	5.86	ppb
Barium	135-1	10.07	10.30	10.14	10.17	1.19	ppb
Barium	137-1	10.40	10.03	10.29	10.24	1.84	ppb
Beryllium	9-1	1.08	0.95	1.15	1.06	9.25	ppb
Bismuth	209-1				99		%
Bismuth	209-2				97		%
Boron	10-1	32.87	34.05	35.25	34.06	3.50	ppb
Boron	11-1	33.51	34.89	35.39	34.60	2.80	ppb
Cadmium	111-1	1.11	1.09	1.28	1.16	8.95	ppb
Cadmium	106-1	1.09	1.25	3.16	1.83	62.72	ppb
Cadmium	108-1	0.98	1.21	1.21	1.13	11.71	ppb
Calcium	43-1	480.12	453.80	459.57	464.50	2.98	ppb
Calcium	44-1	477.27	480.56	472.70	476.84	0.83	ppb
Chromium	52-2	2.27	2.22	2.24	2.24	1.06	ppb
Cobalt	59-2	1.00	1.01	1.03	1.01	1.71	ppb
Copper	63-2	2.09	2.05	2.15	2.10	2.49	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				100		%
Holmium	165-2				97		%
Indium	115-1				98		%
Indium	115-2				99		%
Iron	56-2	54.07	53.55	54.58	54.07	0.95	ppb
Iron	57-2	56.24	55.88	56.80	56.31	0.82	ppb
Krypton	83-1						cps
Lead	206-1	1.01	1.06	1.10	1.06	4.20	ppb
Lead	207-1	1.03	1.02	1.00	1.02	1.35	ppb
Lead	208-1	1.03	1.05	1.03	1.04	0.82	ppb
Lithium	6-1				103		%
Magnesium	24-2	504.55	500.63	504.68	503.29	0.46	ppb

LB Number :	LB98243	Operator :	Jaswal
Lab Sample ID :	LLICV01	Instrumnet Name :	P7
Client Sample ID :	LLICV01	Dilution Factor :	1
Date & Time Acquired ::	2018-09-28 16:22:20	DataFile Name :	013LLIC.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	1.05	1.10	0.99	1.05	4.87	ppb
Molybdenum	94-1	5.04	5.17	5.08	5.10	1.34	ppb
Molybdenum	95-1	5.27	5.25	5.26	5.26	0.23	ppb
Molybdenum	96-1	5.20	5.22	5.38	5.27	1.84	ppb
Molybdenum	97-1	5.09	5.25	4.83	5.05	4.19	ppb
Molybdenum	98-1	5.04	5.26	5.12	5.14	2.16	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	1.24	1.29	1.20	1.24	3.83	ppb
Phosphorus	31-2	6.15	-2.48	6.17	3.28	152.20	ppb
Potassium	39-2	494.34	493.35	479.14	488.94	1.74	ppb
Rhodium	103-1				98		%
Rhodium	103-2				103		%
Scandium	45-1				98		%
Scandium	45-2				98		%
Selenium	77-2	4.95	5.83	5.84	5.54	9.20	ppb
Selenium	78-2	5.81	6.23	5.50	5.84	6.27	ppb
Selenium	82-1	5.61	5.33	5.56	5.50	2.62	ppb
Silicon	28-1	14.86	14.27	13.74	14.29	3.91	ppb
Silver	109-1	1.16	1.15	1.17	1.16	0.79	ppb
Silver	107-1	1.20	1.22	1.25	1.22	1.84	ppb
Sodium	23-2	515.33	523.97	517.67	518.99	0.86	ppb
Strontium	86-1	0.96	1.05	1.05	1.02	5.37	ppb
Strontium	88-1	1.04	1.01	1.04	1.03	1.45	ppb
Sulfur	34-1	-94.65	-99.28	-22.21	-72.04		ppb
Terbium	159-1				99		%
Terbium	159-2				98		%
Thallium	203-1	1.03	1.02	1.00	1.02	1.19	ppb
Thallium	205-1	1.06	1.08	1.07	1.07	0.64	ppb
Thorium	232-1	0.95	1.00	0.97	0.97	2.59	ppb
Tin	118-1	5.31	5.24	5.27	5.27	0.66	ppb
Titanium	47-1	4.98	5.21	4.97	5.06	2.66	ppb
Uranium	238-1	0.98	0.97	0.99	0.98	0.95	ppb
Vanadium	51-2	4.98	5.02	4.88	4.96	1.49	ppb
Yttrium	89-1				98		%
Yttrium	89-2				98		%

LB Number :	LB98243	Operator :	Jaswal
Lab Sample ID :	LLICV01	Instrumnet Name :	P7
Client Sample ID :	LLICV01	Dilution Factor :	1
Date & Time Acquired ::	2018-09-28 16:22:20	DataFile Name :	013LLIC.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zinc	66-2	1.67	1.61	1.79	1.69	5.57	ppb
Zirconium	90-1	1.06	1.04	1.02	1.04	2.04	ppb
Zirconium	91-1	1.03	0.96	1.10	1.03	6.37	ppb

LB Number : LB98243 Operator : Jaswal
 Lab Sample ID : ICB01 Instrumnet Name : P7
 Client Sample ID : ICB01 Dilution Factor : 1
 Date & Time Acquired :: 2018-09-28 16:25:55 DataFile Name : 014CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	0.09	0.39	-0.13	0.12	226.06	ppb
Antimony	121-1	0.04	0.05	0.05	0.04	9.65	ppb
Arsenic	75-2	0.01	0.00	0.00	0.01	81.54	ppb
Barium	135-1	-0.01	-0.01	-0.01	-0.01		ppb
Barium	137-1	0.00	0.01	0.01	0.01	24.60	ppb
Beryllium	9-1	0.02	0.02	0.02	0.02	20.40	ppb
Bismuth	209-1				98		%
Bismuth	209-2				96		%
Boron	10-1	10.86	11.12	10.07	10.69	5.10	ppb
Boron	11-1	10.92	10.93	10.44	10.76	2.62	ppb
Cadmium	111-1	0.04	0.01	0.00	0.02	126.49	ppb
Cadmium	106-1	0.58	0.01	0.12	0.24	127.98	ppb
Cadmium	108-1	0.04	-0.02	0.11	0.04	148.91	ppb
Calcium	43-1	2.48	1.15	0.60	1.41	68.31	ppb
Calcium	44-1	1.99	1.42	2.02	1.81	18.76	ppb
Chromium	52-2	-0.01	0.03	0.03	0.02	157.62	ppb
Cobalt	59-2	0.00	0.00	0.00	0.00		ppb
Copper	63-2	-0.02	-0.03	0.00	-0.02		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				99		%
Holmium	165-2				96		%
Indium	115-1				98		%
Indium	115-2				98		%
Iron	56-2	0.79	0.70	0.84	0.78	9.12	ppb
Iron	57-2	0.36	1.09	0.47	0.64	61.61	ppb
Krypton	83-1						cps
Lead	206-1	0.03	0.02	0.02	0.02	40.41	ppb
Lead	207-1	0.02	0.02	0.01	0.02	37.17	ppb
Lead	208-1	0.03	0.02	0.02	0.02	15.11	ppb
Lithium	6-1				104		%
Magnesium	24-2	1.46	1.20	0.94	1.20	21.64	ppb

LB Number :	LB98243	Operator :	Jaswal
Lab Sample ID :	ICB01	Instrumnet Name :	P7
Client Sample ID :	ICB01	Dilution Factor :	1
Date & Time Acquired ::	2018-09-28 16:25:55	DataFile Name :	014CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	0.01	0.01	0.01	0.01	17.37	ppb
Molybdenum	94-1	-0.03	0.01	-0.01	-0.01		ppb
Molybdenum	95-1	0.02	0.02	0.03	0.03	27.82	ppb
Molybdenum	96-1	0.02	0.02	0.01	0.02	50.85	ppb
Molybdenum	97-1	0.01	0.04	0.02	0.02	52.65	ppb
Molybdenum	98-1	0.03	0.02	0.02	0.02	30.27	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.02	0.01	0.01	0.02	41.28	ppb
Phosphorus	31-2	-10.82	0.73	-6.45	-5.52		ppb
Potassium	39-2	3.92	5.02	6.79	5.24	27.59	ppb
Rhodium	103-1				98		%
Rhodium	103-2				102		%
Scandium	45-1				99		%
Scandium	45-2				97		%
Selenium	77-2	0.00	0.00	0.00	0.00	N/A	ppb
Selenium	78-2	-0.71	-0.20	-0.05	-0.32		ppb
Selenium	82-1	-0.20	0.20	0.17	0.06	390.74	ppb
Silicon	28-1	-0.71	-0.47	-0.40	-0.53		ppb
Silver	109-1	0.01	0.02	0.02	0.02	50.83	ppb
Silver	107-1	0.01	0.02	0.01	0.01	66.26	ppb
Sodium	23-2	17.86	18.06	17.86	17.92	0.64	ppb
Strontium	86-1	-0.02	0.04	-0.02	0.00		ppb
Strontium	88-1	0.00	0.00	0.00	0.00	16.54	ppb
Sulfur	34-1	-45.79	26.12	49.32	9.88	501.75	ppb
Terbium	159-1				98		%
Terbium	159-2				96		%
Thallium	203-1	0.04	0.04	0.04	0.04	8.20	ppb
Thallium	205-1	0.03	0.04	0.03	0.03	17.46	ppb
Thorium	232-1	0.03	0.03	0.03	0.03	9.01	ppb
Tin	118-1	0.07	0.02	0.03	0.04	66.09	ppb
Titanium	47-1	0.00	0.05	0.08	0.05	85.41	ppb
Uranium	238-1	0.01	0.01	0.01	0.01	7.88	ppb
Vanadium	51-2	0.01	0.00	0.00	0.00	138.50	ppb
Yttrium	89-1				98		%
Yttrium	89-2				97		%

LB Number :	LB98243	Operator :	Jaswal
Lab Sample ID :	ICB01	Instrumnet Name :	P7
Client Sample ID :	ICB01	Dilution Factor :	1
Date & Time Acquired ::	2018-09-28 16:25:55	DataFile Name :	014CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zinc	66-2	0.14	0.11	-0.11	0.04	314.15	ppb
Zirconium	90-1	0.01	0.01	0.01	0.01	25.04	ppb
Zirconium	91-1	-0.01	0.02	0.01	0.01	161.38	ppb

LB Number : LB98243 Operator : Jaswal
 Lab Sample ID : ICSA01 Instrumnet Name : P7
 Client Sample ID : ICSA01 Dilution Factor : 1
 Date & Time Acquired :: 2018-09-28 16:29:30 DataFile Name : 015ICSA01.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	88542.29	88639.38	88878.94	88686.87	0.20	ppb
Antimony	121-1	1.14	1.21	1.22	1.19	3.70	ppb
Arsenic	75-2	0.30	0.37	0.32	0.33	10.44	ppb
Barium	135-1	1.64	1.44	1.30	1.46	12.00	ppb
Barium	137-1	1.40	1.57	1.45	1.48	6.00	ppb
Beryllium	9-1	0.28	0.28	0.28	0.28	1.13	ppb
Bismuth	209-1				88		%
Bismuth	209-2				84		%
Boron	10-1	8.88	7.78	9.03	8.56	7.94	ppb
Boron	11-1	8.37	8.68	8.49	8.52	1.81	ppb
Cadmium	111-1	0.39	0.46	0.24	0.37	30.27	ppb
Cadmium	106-1	-1.14	-0.08	-1.38	-0.87		ppb
Cadmium	108-1	10.82	11.15	11.63	11.20	3.62	ppb
Calcium	43-1	92673.39	91338.19	93871.34	92627.64	1.37	ppb
Calcium	44-1	92766.47	91247.53	94069.01	92694.34	1.52	ppb
Chromium	52-2	19.93	19.97	19.96	19.95	0.10	ppb
Cobalt	59-2	1.14	1.14	1.21	1.16	3.20	ppb
Copper	63-2	7.35	7.68	7.56	7.53	2.21	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				97		%
Holmium	165-2				93		%
Indium	115-1				90		%
Indium	115-2				89		%
Iron	56-2	99752.14	100548.36	101301.19	100533.90	0.77	ppb
Iron	57-2	99102.82	100629.36	100454.15	100062.11	0.83	ppb
Krypton	83-1						cps
Lead	206-1	5.03	4.69	4.87	4.86	3.52	ppb
Lead	207-1	4.28	4.14	4.24	4.22	1.74	ppb
Lead	208-1	4.61	4.35	4.49	4.48	3.00	ppb
Lithium	6-1				96		%
Magnesium	24-2	96212.68	97860.74	96949.75	97007.72	0.85	ppb

LB Number :	LB98243	Operator :	Jaswal
Lab Sample ID :	ICSA01	Instrumnet Name :	P7
Client Sample ID :	ICSA01	Dilution Factor :	1
Date & Time Acquired ::	2018-09-28 16:29:30	DataFile Name :	015ICSA01.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	7.90	7.77	7.88	7.85	0.87	ppb
Molybdenum	94-1	1366.04	1318.80	1359.47	1348.10	1.90	ppb
Molybdenum	95-1	1958.20	1903.77	1956.86	1939.61	1.60	ppb
Molybdenum	96-1	1891.11	1839.76	1881.74	1870.87	1.46	ppb
Molybdenum	97-1	1953.47	1913.20	1964.75	1943.80	1.39	ppb
Molybdenum	98-1	1951.42	1900.34	1961.79	1937.85	1.70	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	5.39	5.55	5.42	5.45	1.55	ppb
Phosphorus	31-2	93834.04	95142.16	94821.04	94599.08	0.72	ppb
Potassium	39-2	94560.99	95625.65	96080.73	95422.46	0.82	ppb
Rhodium	103-1				85		%
Rhodium	103-2				89		%
Scandium	45-1				92		%
Scandium	45-2				91		%
Selenium	77-2	0.00	0.00	0.00	0.00	N/A	ppb
Selenium	78-2	-0.56	-0.16	-0.24	-0.32		ppb
Selenium	82-1	-0.36	0.24	0.10	-0.01		ppb
Silicon	28-1	22.19	21.45	22.48	22.04	2.40	ppb
Silver	109-1	0.03	0.02	0.03	0.03	16.94	ppb
Silver	107-1	0.02	0.03	0.04	0.03	31.16	ppb
Sodium	23-2	96758.79	97669.66	97972.83	97467.09	0.65	ppb
Strontium	86-1	34.28	33.06	34.42	33.92	2.22	ppb
Strontium	88-1	33.90	33.04	33.97	33.64	1.53	ppb
Sulfur	34-1	99034.44	97828.55	100170.34	99011.11	1.18	ppb
Terbium	159-1				97		%
Terbium	159-2				93		%
Thallium	203-1	0.12	0.10	0.10	0.11	13.94	ppb
Thallium	205-1	0.10	0.09	0.10	0.10	2.64	ppb
Thorium	232-1	0.04	0.04	0.05	0.04	14.14	ppb
Tin	118-1	0.15	0.15	0.17	0.16	7.45	ppb
Titanium	47-1	1987.13	1962.11	2017.24	1988.83	1.39	ppb
Uranium	238-1	0.03	0.02	0.03	0.03	15.01	ppb
Vanadium	51-2	0.20	0.16	0.20	0.19	12.49	ppb
Yttrium	89-1				92		%
Yttrium	89-2				91		%

LB Number :	LB98243	Operator :	Jaswal
Lab Sample ID :	ICSA01	Instrumnet Name :	P7
Client Sample ID :	ICSA01	Dilution Factor :	1
Date & Time Acquired ::	2018-09-28 16:29:30	DataFile Name :	015ICSA01.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zinc	66-2	8.55	8.73	8.66	8.65	1.09	ppb
Zirconium	90-1	0.04	0.03	0.02	0.03	27.37	ppb
Zirconium	91-1	0.03	0.03	0.03	0.03	7.40	ppb

LB Number :	LB98243	Operator :	Jaswal
Lab Sample ID :	ICSAB01	Instrumnet Name :	P7
Client Sample ID :	ICSAB01	Dilution Factor :	1
Date & Time Acquired ::	2018-09-28 16:33:06	DataFile Name :	016ICSB.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	90404.80	86313.33	88308.38	88342.17	2.32	ppb
Antimony	121-1	22.41	21.42	20.33	21.39	4.85	ppb
Arsenic	75-2	20.49	19.77	19.80	20.02	2.05	ppb
Barium	135-1	23.49	22.55	21.39	22.48	4.69	ppb
Barium	137-1	23.45	22.61	21.65	22.57	4.00	ppb
Beryllium	9-1	20.99	20.84	19.96	20.60	2.71	ppb
Bismuth	209-1				88		%
Bismuth	209-2				85		%
Boron	10-1	6.76	6.15	6.10	6.34	5.79	ppb
Boron	11-1	6.73	6.58	6.05	6.45	5.59	ppb
Cadmium	111-1	22.01	21.09	19.61	20.90	5.81	ppb
Cadmium	106-1	16.39	16.89	15.25	16.18	5.19	ppb
Cadmium	108-1	31.50	28.51	28.00	29.34	6.45	ppb
Calcium	43-1	99904.82	94314.40	90755.92	94991.71	4.86	ppb
Calcium	44-1	99756.70	94644.77	90753.06	95051.51	4.75	ppb
Chromium	52-2	40.50	39.11	39.44	39.68	1.84	ppb
Cobalt	59-2	21.32	20.23	20.60	20.72	2.67	ppb
Copper	63-2	27.87	26.67	26.89	27.14	2.36	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				97		%
Holmium	165-2				94		%
Indium	115-1				90		%
Indium	115-2				92		%
Iron	56-2	102741.68	98212.91	98953.97	99969.52	2.43	ppb
Iron	57-2	101911.02	97399.09	98456.79	99255.63	2.38	ppb
Krypton	83-1						cps
Lead	206-1	27.30	25.86	24.98	26.04	4.50	ppb
Lead	207-1	25.05	23.78	23.12	23.98	4.09	ppb
Lead	208-1	26.14	24.69	23.86	24.90	4.65	ppb
Lithium	6-1				96		%
Magnesium	24-2	99448.05	95290.58	96600.96	97113.20	2.19	ppb

LB Number :	LB98243	Operator :	Jaswal
Lab Sample ID :	ICSAB01	Instrumnet Name :	P7
Client Sample ID :	ICSAB01	Dilution Factor :	1
Date & Time Acquired ::	2018-09-28 16:33:06	DataFile Name :	016ICSB.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	27.72	27.44	27.19	27.45	0.96	ppb
Molybdenum	94-1	1458.20	1369.92	1323.71	1383.94	4.94	ppb
Molybdenum	95-1	2109.22	1979.41	1893.79	1994.14	5.44	ppb
Molybdenum	96-1	2035.59	1912.91	1825.47	1924.66	5.48	ppb
Molybdenum	97-1	2110.50	1987.13	1896.31	1997.98	5.38	ppb
Molybdenum	98-1	2104.73	1985.33	1897.54	1995.87	5.21	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	25.43	23.93	24.74	24.70	3.04	ppb
Phosphorus	31-2	95935.39	92485.79	94639.38	94353.52	1.85	ppb
Potassium	39-2	97298.08	92835.20	95013.93	95049.07	2.35	ppb
Rhodium	103-1				85		%
Rhodium	103-2				91		%
Scandium	45-1				92		%
Scandium	45-2				93		%
Selenium	77-2	22.72	19.10	17.74	19.85	12.96	ppb
Selenium	78-2	18.89	16.60	18.56	18.02	6.86	ppb
Selenium	82-1	21.57	19.65	19.87	20.36	5.14	ppb
Silicon	28-1	28.91	25.75	22.79	25.82	11.84	ppb
Silver	109-1	21.77	20.60	19.55	20.64	5.39	ppb
Silver	107-1	21.37	20.63	19.51	20.50	4.56	ppb
Sodium	23-2	99140.99	95469.89	96944.90	97185.26	1.90	ppb
Strontium	86-1	36.38	34.91	32.98	34.76	4.91	ppb
Strontium	88-1	36.37	34.65	33.40	34.81	4.29	ppb
Sulfur	34-1	107430.81	101076.57	95986.12	101497.83	5.65	ppb
Terbium	159-1				95		%
Terbium	159-2				94		%
Thallium	203-1	21.58	20.86	19.92	20.79	3.99	ppb
Thallium	205-1	21.91	21.28	20.16	21.11	4.19	ppb
Thorium	232-1	0.02	0.02	0.03	0.02	13.80	ppb
Tin	118-1	0.16	0.17	0.15	0.16	4.76	ppb
Titanium	47-1	2142.22	2052.88	1952.55	2049.22	4.63	ppb
Uranium	238-1	0.01	0.02	0.02	0.02	8.58	ppb
Vanadium	51-2	20.29	19.89	19.64	19.94	1.65	ppb
Yttrium	89-1				92		%
Yttrium	89-2				93		%

LB Number :	LB98243	Operator :	Jaswal
Lab Sample ID :	ICSAB01	Instrumnet Name :	P7
Client Sample ID :	ICSAB01	Dilution Factor :	1
Date & Time Acquired ::	2018-09-28 16:33:06	DataFile Name :	016ICSB.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zinc	66-2	23.78	23.15	24.32	23.75	2.48	ppb
Zirconium	90-1	0.02	0.04	0.03	0.03	42.44	ppb
Zirconium	91-1	0.01	0.03	0.05	0.03	72.89	ppb

LB Number :	LB98243	Operator :	Jaswal
Lab Sample ID :	CCV13	Instrumnet Name :	P7
Client Sample ID :	CCV13	Dilution Factor :	1
Date & Time Acquired ::	2018-09-28 16:36:41	DataFile Name :	017CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	52816.90	52234.63	52592.40	52547.98	0.56	ppb
Antimony	121-1	511.80	509.19	507.38	509.46	0.44	ppb
Arsenic	75-2	488.35	484.90	488.66	487.30	0.43	ppb
Barium	135-1	2650.10	2612.81	2626.01	2629.64	0.72	ppb
Barium	137-1	2653.77	2586.91	2625.33	2622.00	1.28	ppb
Beryllium	9-1	506.35	504.64	508.87	506.62	0.42	ppb
Bismuth	209-1				86		%
Bismuth	209-2				80		%
Boron	10-1	488.10	503.47	509.37	500.32	2.19	ppb
Boron	11-1	492.82	507.55	519.68	506.68	2.65	ppb
Cadmium	111-1	491.89	492.84	494.73	493.15	0.29	ppb
Cadmium	106-1	487.24	501.96	499.26	496.15	1.58	ppb
Cadmium	108-1	497.13	501.80	504.33	501.09	0.73	ppb
Calcium	43-1	238908.72	237933.90	237922.48	238255.03	0.24	ppb
Calcium	44-1	239781.57	238848.21	236455.75	238361.85	0.72	ppb
Chromium	52-2	516.92	514.16	516.81	515.97	0.30	ppb
Cobalt	59-2	473.72	476.13	479.34	476.39	0.59	ppb
Copper	63-2	934.88	932.53	932.20	933.20	0.16	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				99		%
Holmium	165-2				92		%
Indium	115-1				91		%
Indium	115-2				91		%
Iron	56-2	125257.13	125167.31	125850.71	125425.05	0.30	ppb
Iron	57-2	125160.41	124842.23	124419.18	124807.27	0.30	ppb
Krypton	83-1						cps
Lead	206-1	529.31	526.82	526.96	527.70	0.26	ppb
Lead	207-1	525.79	527.25	523.85	525.63	0.32	ppb
Lead	208-1	527.39	528.88	526.32	527.53	0.24	ppb
Lithium	6-1				97		%
Magnesium	24-2	245530.62	246440.30	245534.24	245835.05	0.21	ppb

LB Number :	LB98243	Operator :	Jaswal
Lab Sample ID :	CCV13	Instrumnet Name :	P7
Client Sample ID :	CCV13	Dilution Factor :	1
Date & Time Acquired ::	2018-09-28 16:36:41	DataFile Name :	017CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	986.30	980.35	986.08	984.24	0.34	ppb
Molybdenum	94-1	2619.00	2619.86	2610.78	2616.55	0.19	ppb
Molybdenum	95-1	2632.76	2625.97	2605.56	2621.43	0.54	ppb
Molybdenum	96-1	2630.60	2623.79	2603.66	2619.35	0.53	ppb
Molybdenum	97-1	2612.49	2611.49	2596.22	2606.74	0.35	ppb
Molybdenum	98-1	2609.82	2608.22	2606.56	2608.20	0.06	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	497.44	496.96	497.03	497.14	0.05	ppb
Phosphorus	31-2	10028.10	10280.79	9933.71	10080.87	1.78	ppb
Potassium	39-2	123059.82	123003.88	122314.30	122792.67	0.34	ppb
Rhodium	103-1				85		%
Rhodium	103-2				88		%
Scandium	45-1				96		%
Scandium	45-2				97		%
Selenium	77-2	476.96	493.56	492.63	487.72	1.91	ppb
Selenium	78-2	468.45	481.98	479.04	476.49	1.49	ppb
Selenium	82-1	472.43	475.23	471.28	472.98	0.43	ppb
Silicon	28-1	564.68	578.04	587.23	576.65	1.97	ppb
Silver	109-1	535.41	533.90	535.62	534.97	0.18	ppb
Silver	107-1	542.49	534.90	536.56	537.98	0.74	ppb
Sodium	23-2	246562.44	246095.04	245739.14	246132.21	0.17	ppb
Strontium	86-1	513.39	515.15	513.12	513.88	0.21	ppb
Strontium	88-1	517.06	519.20	519.60	518.62	0.26	ppb
Sulfur	34-1	10319.58	10388.52	10439.69	10382.60	0.58	ppb
Terbium	159-1				97		%
Terbium	159-2				92		%
Thallium	203-1	534.81	528.20	535.52	532.84	0.76	ppb
Thallium	205-1	530.73	531.00	532.84	531.52	0.22	ppb
Thorium	232-1	535.48	538.03	532.05	535.18	0.56	ppb
Tin	118-1	518.82	520.26	518.74	519.28	0.16	ppb
Titanium	47-1	2601.50	2590.63	2590.50	2594.21	0.24	ppb
Uranium	238-1	535.36	536.67	534.73	535.59	0.18	ppb
Vanadium	51-2	509.40	511.45	509.78	510.21	0.21	ppb
Yttrium	89-1				95		%
Yttrium	89-2				96		%

LB Number :	LB98243	Operator :	Jaswal
Lab Sample ID :	CCV13	Instrumnet Name :	P7
Client Sample ID :	CCV13	Dilution Factor :	1
Date & Time Acquired ::	2018-09-28 16:36:41	DataFile Name :	017CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zinc	66-2	697.38	696.11	697.85	697.11	0.13	ppb
Zirconium	90-1	518.29	523.18	522.53	521.33	0.51	ppb
Zirconium	91-1	509.77	514.83	512.99	512.53	0.50	ppb

LB Number :	LB98243	Operator :	Jaswal
Lab Sample ID :	CCB13	Instrumnet Name :	P7
Client Sample ID :	CCB13	Dilution Factor :	1
Date & Time Acquired ::	2018-09-28 16:40:24	DataFile Name :	018CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	3.29	2.38	1.91	2.53	27.75	ppb
Antimony	121-1	0.27	0.27	0.28	0.27	1.27	ppb
Arsenic	75-2	0.07	0.05	0.06	0.06	17.39	ppb
Barium	135-1	0.33	0.25	0.16	0.25	34.17	ppb
Barium	137-1	0.33	0.25	0.22	0.27	21.64	ppb
Beryllium	9-1	0.10	0.11	0.08	0.10	17.27	ppb
Bismuth	209-1				100		%
Bismuth	209-2				95		%
Boron	10-1	29.36	26.34	23.23	26.31	11.64	ppb
Boron	11-1	28.77	26.40	24.01	26.39	9.01	ppb
Cadmium	111-1	0.25	0.12	0.13	0.16	43.21	ppb
Cadmium	106-1	2.01	0.68	0.97	1.22	57.42	ppb
Cadmium	108-1	0.17	0.10	0.04	0.10	59.76	ppb
Calcium	43-1	33.54	25.08	20.29	26.31	25.51	ppb
Calcium	44-1	31.72	25.72	17.70	25.04	28.09	ppb
Chromium	52-2	0.10	0.08	0.14	0.11	31.61	ppb
Cobalt	59-2	0.01	0.00	0.00	0.01	64.09	ppb
Copper	63-2	0.13	0.12	0.15	0.13	12.91	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				96		%
Indium	115-1				100		%
Indium	115-2				99		%
Iron	56-2	6.36	5.49	4.84	5.57	13.72	ppb
Iron	57-2	8.00	7.08	5.90	6.99	15.00	ppb
Krypton	83-1						cps
Lead	206-1	0.12	0.11	0.11	0.11	4.32	ppb
Lead	207-1	0.12	0.09	0.17	0.12	29.78	ppb
Lead	208-1	0.12	0.09	0.10	0.10	11.97	ppb
Lithium	6-1				105		%
Magnesium	24-2	9.87	8.66	6.35	8.29	21.58	ppb

LB Number :	LB98243	Operator :	Jaswal
Lab Sample ID :	CCB13	Instrumnet Name :	P7
Client Sample ID :	CCB13	Dilution Factor :	1
Date & Time Acquired ::	2018-09-28 16:40:24	DataFile Name :	018CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	0.05	0.04	0.07	0.05	23.75	ppb
Molybdenum	94-1	0.43	0.35	0.36	0.38	11.00	ppb
Molybdenum	95-1	0.59	0.49	0.43	0.50	16.10	ppb
Molybdenum	96-1	0.63	0.45	0.40	0.49	25.07	ppb
Molybdenum	97-1	0.60	0.47	0.39	0.49	21.96	ppb
Molybdenum	98-1	0.58	0.53	0.39	0.50	19.83	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.01	0.02	0.06	0.03	79.05	ppb
Phosphorus	31-2	2.95	5.38	1.64	3.32	57.10	ppb
Potassium	39-2	24.23	23.78	22.30	23.44	4.32	ppb
Rhodium	103-1				100		%
Rhodium	103-2				103		%
Scandium	45-1				101		%
Scandium	45-2				100		%
Selenium	77-2	0.89	0.00	0.00	0.30	173.21	ppb
Selenium	78-2	0.15	-0.22	-0.26	-0.11		ppb
Selenium	82-1	-0.04	0.10	0.03	0.03	229.12	ppb
Silicon	28-1	4.44	3.76	3.69	3.96	10.42	ppb
Silver	109-1	0.12	0.10	0.08	0.10	21.51	ppb
Silver	107-1	0.09	0.12	0.09	0.10	18.24	ppb
Sodium	23-2	48.30	44.81	44.12	45.74	4.90	ppb
Strontium	86-1	0.09	0.01	0.05	0.05	71.96	ppb
Strontium	88-1	0.06	0.06	0.03	0.05	27.57	ppb
Sulfur	34-1	-3.40	49.74	33.62	26.65	102.21	ppb
Terbium	159-1				100		%
Terbium	159-2				96		%
Thallium	203-1	0.13	0.14	0.13	0.13	6.13	ppb
Thallium	205-1	0.19	0.16	0.13	0.16	17.44	ppb
Thorium	232-1	0.10	0.11	0.08	0.10	13.28	ppb
Tin	118-1	0.25	0.19	0.22	0.22	12.91	ppb
Titanium	47-1	0.48	0.39	0.28	0.38	25.38	ppb
Uranium	238-1	0.05	0.04	0.02	0.04	35.63	ppb
Vanadium	51-2	0.01	0.02	0.01	0.01	4.59	ppb
Yttrium	89-1				100		%
Yttrium	89-2				98		%

LB Number :	LB98243	Operator :	Jaswal
Lab Sample ID :	CCB13	Instrumnet Name :	P7
Client Sample ID :	CCB13	Dilution Factor :	1
Date & Time Acquired ::	2018-09-28 16:40:24	DataFile Name :	018CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zinc	66-2	0.93	0.96	0.96	0.95	1.74	ppb
Zirconium	90-1	0.08	0.07	0.05	0.07	20.81	ppb
Zirconium	91-1	0.11	0.05	0.06	0.07	37.23	ppb

LB Number : LB98243 Operator : Jaswal
 Lab Sample ID : CRI Instrumnet Name : P7
 Client Sample ID : CRI Dilution Factor : 1
 Date & Time Acquired :: 2018-09-28 16:43:58 DataFile Name : 019LLCC.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	16.33	19.99	19.95	18.76	11.21	ppb
Antimony	121-1	1.97	2.05	2.14	2.06	4.03	ppb
Arsenic	75-2	1.06	1.07	1.08	1.07	1.21	ppb
Barium	135-1	10.05	9.86	10.12	10.01	1.37	ppb
Barium	137-1	10.31	9.95	10.22	10.16	1.82	ppb
Beryllium	9-1	1.03	0.95	1.10	1.03	7.32	ppb
Bismuth	209-1				103		%
Bismuth	209-2				99		%
Boron	10-1	33.22	33.31	32.95	33.16	0.57	ppb
Boron	11-1	32.70	32.43	33.68	32.94	2.00	ppb
Cadmium	111-1	1.24	1.18	1.18	1.20	3.05	ppb
Cadmium	106-1	2.06	1.14	1.87	1.69	28.92	ppb
Cadmium	108-1	0.79	0.88	1.09	0.92	16.99	ppb
Calcium	43-1	460.25	449.08	465.71	458.35	1.85	ppb
Calcium	44-1	469.69	465.10	466.58	467.12	0.50	ppb
Chromium	52-2	2.14	2.16	2.21	2.17	1.81	ppb
Cobalt	59-2	1.01	0.98	1.03	1.01	2.38	ppb
Copper	63-2	2.17	2.17	2.08	2.14	2.34	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				105		%
Holmium	165-2				100		%
Indium	115-1				105		%
Indium	115-2				103		%
Iron	56-2	51.96	52.16	52.07	52.06	0.19	ppb
Iron	57-2	52.84	57.44	53.41	54.56	4.60	ppb
Krypton	83-1						cps
Lead	206-1	0.97	0.98	0.97	0.97	0.44	ppb
Lead	207-1	1.00	0.94	0.94	0.96	3.74	ppb
Lead	208-1	1.00	0.97	0.98	0.98	1.65	ppb
Lithium	6-1				109		%
Magnesium	24-2	495.77	487.05	489.27	490.70	0.92	ppb

LB Number :	LB98243	Operator :	Jaswal
Lab Sample ID :	CRI	Instrumnet Name :	P7
Client Sample ID :	CRI	Dilution Factor :	1
Date & Time Acquired ::	2018-09-28 16:43:58	DataFile Name :	019LLCC.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	1.05	1.08	0.98	1.04	4.91	ppb
Molybdenum	94-1	5.12	4.95	4.95	5.00	1.95	ppb
Molybdenum	95-1	4.96	4.88	5.10	4.98	2.14	ppb
Molybdenum	96-1	5.08	4.91	5.14	5.04	2.39	ppb
Molybdenum	97-1	5.00	5.04	4.90	4.98	1.47	ppb
Molybdenum	98-1	5.13	5.15	4.97	5.08	1.94	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	1.15	1.03	1.18	1.12	7.13	ppb
Phosphorus	31-2	0.39	0.09	0.03	0.17	112.59	ppb
Potassium	39-2	498.32	475.40	480.34	484.69	2.49	ppb
Rhodium	103-1				104		%
Rhodium	103-2				108		%
Scandium	45-1				106		%
Scandium	45-2				105		%
Selenium	77-2	6.00	5.97	4.68	5.55	13.56	ppb
Selenium	78-2	6.85	4.07	5.95	5.62	25.25	ppb
Selenium	82-1	5.26	5.29	5.76	5.44	5.14	ppb
Silicon	28-1	14.02	13.33	13.86	13.74	2.65	ppb
Silver	109-1	1.18	1.21	1.26	1.22	3.19	ppb
Silver	107-1	1.12	1.18	1.10	1.13	3.41	ppb
Sodium	23-2	517.14	500.90	512.52	510.19	1.64	ppb
Strontium	86-1	1.03	0.94	1.01	0.99	4.74	ppb
Strontium	88-1	1.05	1.02	0.95	1.01	4.70	ppb
Sulfur	34-1	13.54	55.31	-4.73	21.37	144.01	ppb
Terbium	159-1				104		%
Terbium	159-2				101		%
Thallium	203-1	0.96	1.03	1.01	1.00	3.81	ppb
Thallium	205-1	1.03	1.05	1.01	1.03	1.95	ppb
Thorium	232-1	0.92	0.95	0.90	0.92	2.57	ppb
Tin	118-1	4.96	5.04	5.21	5.07	2.46	ppb
Titanium	47-1	4.72	4.91	4.88	4.84	2.20	ppb
Uranium	238-1	0.92	0.94	0.90	0.92	2.17	ppb
Vanadium	51-2	5.06	4.89	5.02	4.99	1.82	ppb
Yttrium	89-1				105		%
Yttrium	89-2				103		%

LB Number :	LB98243	Operator :	Jaswal
Lab Sample ID :	CRI	Instrumnet Name :	P7
Client Sample ID :	CRI	Dilution Factor :	1
Date & Time Acquired ::	2018-09-28 16:43:58	DataFile Name :	019LLCC.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zinc	66-2	1.88	1.70	1.44	1.67	13.10	ppb
Zirconium	90-1	1.06	1.00	1.01	1.02	3.32	ppb
Zirconium	91-1	1.10	1.12	0.99	1.07	6.83	ppb

LB Number :	LB98243	Operator :	Jaswal
Lab Sample ID :	PB113233BL	Instrumnet Name :	P7
Client Sample ID :	PB113233BL	Dilution Factor :	1
Date & Time Acquired ::	2018-09-28 16:47:32	DataFile Name :	020CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	-0.16	0.11	0.30	0.09	271.67	ppb
Antimony	121-1	0.03	0.05	0.04	0.04	28.21	ppb
Arsenic	75-2	0.00	0.00	0.01	0.00	341.56	ppb
Barium	135-1	0.00	0.00	-0.02	-0.01		ppb
Barium	137-1	0.01	0.00	0.00	0.00	66.15	ppb
Beryllium	9-1	0.01	0.00	0.04	0.02	126.51	ppb
Bismuth	209-1				102		%
Bismuth	209-2				99		%
Boron	10-1	7.62	7.10	6.69	7.14	6.57	ppb
Boron	11-1	8.24	7.99	7.45	7.89	5.10	ppb
Cadmium	111-1	-0.01	-0.07	0.09	0.00	1681.68	ppb
Cadmium	106-1	-0.08	-0.87	1.21	0.09	1157.65	ppb
Cadmium	108-1	-0.02	-0.02	0.07	0.01	549.24	ppb
Calcium	43-1	-0.41	0.11	0.59	0.10	508.31	ppb
Calcium	44-1	1.04	1.82	1.37	1.41	27.86	ppb
Chromium	52-2	0.05	0.03	0.02	0.03	51.28	ppb
Cobalt	59-2	-0.01	-0.01	-0.01	-0.01		ppb
Copper	63-2	-0.01	0.00	0.00	0.00		ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				104		%
Holmium	165-2				100		%
Indium	115-1				104		%
Indium	115-2				103		%
Iron	56-2	0.74	0.78	0.78	0.77	3.06	ppb
Iron	57-2	1.49	1.84	0.82	1.38	37.27	ppb
Krypton	83-1						cps
Lead	206-1	0.01	0.02	0.02	0.02	21.26	ppb
Lead	207-1	0.03	0.02	0.02	0.02	20.84	ppb
Lead	208-1	0.02	0.02	0.01	0.02	22.29	ppb
Lithium	6-1				108		%
Magnesium	24-2	1.09	0.77	1.07	0.98	18.53	ppb

LB Number :	LB98243	Operator :	Jaswal
Lab Sample ID :	PB113233BL	Instrumnet Name :	P7
Client Sample ID :	PB113233BL	Dilution Factor :	1
Date & Time Acquired ::	2018-09-28 16:47:32	DataFile Name :	020CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	0.00	0.00	0.01	0.00	233.86	ppb
Molybdenum	94-1	0.00	-0.01	0.04	0.01	281.77	ppb
Molybdenum	95-1	0.03	0.01	0.03	0.03	55.90	ppb
Molybdenum	96-1	0.06	0.03	0.02	0.04	61.75	ppb
Molybdenum	97-1	0.04	0.01	0.04	0.03	48.94	ppb
Molybdenum	98-1	0.05	0.04	0.04	0.04	6.35	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.02	0.02	-0.01	0.01	131.80	ppb
Phosphorus	31-2	-4.93	9.56	-2.89	0.58	1347.29	ppb
Potassium	39-2	10.24	7.50	3.34	7.03	49.44	ppb
Rhodium	103-1				104		%
Rhodium	103-2				109		%
Scandium	45-1				105		%
Scandium	45-2				105		%
Selenium	77-2	0.00	0.43	0.00	0.14	173.21	ppb
Selenium	78-2	-0.27	0.27	0.06	0.02	1594.75	ppb
Selenium	82-1	-0.14	-0.40	-0.14	-0.23		ppb
Silicon	28-1	0.16	0.16	0.24	0.19	23.07	ppb
Silver	109-1	0.01	0.01	0.02	0.01	24.73	ppb
Silver	107-1	0.01	0.01	0.01	0.01	13.20	ppb
Sodium	23-2	14.44	15.46	14.14	14.68	4.72	ppb
Strontium	86-1	0.00	-0.02	0.01	-0.01		ppb
Strontium	88-1	0.00	0.00	0.00	0.00	27.65	ppb
Sulfur	34-1	-50.89	-22.94	-11.68	-28.50		ppb
Terbium	159-1				103		%
Terbium	159-2				101		%
Thallium	203-1	0.04	0.04	0.03	0.04	12.02	ppb
Thallium	205-1	0.03	0.03	0.03	0.03	9.01	ppb
Thorium	232-1	0.01	0.02	0.02	0.01	11.09	ppb
Tin	118-1	0.05	0.04	0.03	0.04	26.65	ppb
Titanium	47-1	0.05	0.04	0.03	0.04	31.91	ppb
Uranium	238-1	-0.01	0.00	0.00	0.00		ppb
Vanadium	51-2	0.00	0.00	0.00	0.00		ppb
Yttrium	89-1				104		%
Yttrium	89-2				103		%

LB Number :	LB98243	Operator :	Jaswal
Lab Sample ID :	PB113233BL	Instrumnet Name :	P7
Client Sample ID :	PB113233BL	Dilution Factor :	1
Date & Time Acquired ::	2018-09-28 16:47:32	DataFile Name :	020CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zinc	66-2	0.13	0.14	0.11	0.13	12.85	ppb
Zirconium	90-1	0.01	0.01	0.00	0.01	55.82	ppb
Zirconium	91-1	0.00	0.01	0.02	0.01	78.69	ppb

LB Number :	LB98243	Operator :	Jaswal
Lab Sample ID :	PB113233BS	Instrumnet Name :	P7
Client Sample ID :	PB113233BS	Dilution Factor :	1
Date & Time Acquired ::	2018-09-28 16:51:07	DataFile Name :	021LCS6.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	9454.97	9553.30	9638.99	9549.09	0.96	ppb
Antimony	121-1	522.13	532.66	545.09	533.29	2.15	ppb
Arsenic	75-2	513.57	508.47	520.06	514.03	1.13	ppb
Barium	135-1	2592.40	2665.36	2712.10	2656.62	2.27	ppb
Barium	137-1	2574.56	2656.52	2710.90	2647.33	2.59	ppb
Beryllium	9-1	501.90	511.14	529.48	514.17	2.73	ppb
Bismuth	209-1				92		%
Bismuth	209-2				89		%
Boron	10-1	475.61	505.98	529.60	503.73	5.37	ppb
Boron	11-1	482.45	503.50	535.35	507.10	5.25	ppb
Cadmium	111-1	525.91	543.74	558.27	542.64	2.99	ppb
Cadmium	106-1	522.08	529.20	552.85	534.71	3.01	ppb
Cadmium	108-1	531.05	537.09	553.74	540.63	2.17	ppb
Calcium	43-1	47290.27	48610.14	50022.57	48640.99	2.81	ppb
Calcium	44-1	47562.27	48746.75	50056.59	48788.53	2.56	ppb
Chromium	52-2	496.39	499.56	505.36	500.44	0.91	ppb
Cobalt	59-2	493.45	495.71	499.58	496.25	0.62	ppb
Copper	63-2	1004.50	1005.33	1007.38	1005.74	0.15	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				99		%
Holmium	165-2				95		%
Indium	115-1				93		%
Indium	115-2				95		%
Iron	56-2	25708.28	25564.59	25872.91	25715.26	0.60	ppb
Iron	57-2	25623.53	25804.41	25974.33	25800.76	0.68	ppb
Krypton	83-1						cps
Lead	206-1	502.63	509.48	526.99	513.03	2.45	ppb
Lead	207-1	499.70	508.33	527.39	511.81	2.77	ppb
Lead	208-1	499.72	510.30	526.18	512.07	2.60	ppb
Lithium	6-1				99		%
Magnesium	24-2	49665.99	49835.77	49923.46	49808.40	0.26	ppb

LB Number :	LB98243	Operator :	Jaswal
Lab Sample ID :	PB113233BS	Instrumnet Name :	P7
Client Sample ID :	PB113233BS	Dilution Factor :	1
Date & Time Acquired ::	2018-09-28 16:51:07	DataFile Name :	021LCS6.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	982.73	992.30	1001.35	992.12	0.94	ppb
Molybdenum	94-1	2543.83	2588.89	2663.23	2598.65	2.32	ppb
Molybdenum	95-1	2542.03	2591.95	2650.40	2594.79	2.09	ppb
Molybdenum	96-1	2539.27	2600.51	2643.92	2594.56	2.03	ppb
Molybdenum	97-1	2533.32	2588.54	2638.06	2586.64	2.03	ppb
Molybdenum	98-1	2533.29	2585.00	2640.96	2586.42	2.08	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	506.57	512.92	514.32	511.27	0.81	ppb
Phosphorus	31-2	10156.55	10263.01	10258.98	10226.18	0.59	ppb
Potassium	39-2	24198.51	24131.21	24226.65	24185.45	0.20	ppb
Rhodium	103-1				91		%
Rhodium	103-2				96		%
Scandium	45-1				96		%
Scandium	45-2				97		%
Selenium	77-2	510.60	492.97	519.28	507.61	2.64	ppb
Selenium	78-2	517.58	508.91	510.55	512.35	0.90	ppb
Selenium	82-1	516.17	527.69	540.86	528.24	2.34	ppb
Silicon	28-1	553.13	570.37	598.66	574.05	4.00	ppb
Silver	109-1	577.66	589.45	603.21	590.11	2.17	ppb
Silver	107-1	573.14	586.41	604.42	587.99	2.67	ppb
Sodium	23-2	49082.71	49288.77	49336.72	49236.07	0.27	ppb
Strontium	86-1	497.09	513.78	524.98	511.95	2.74	ppb
Strontium	88-1	502.53	515.65	525.93	514.70	2.28	ppb
Sulfur	34-1	10248.34	10459.41	10905.42	10537.72	3.18	ppb
Terbium	159-1				98		%
Terbium	159-2				95		%
Thallium	203-1	501.43	510.89	525.25	512.52	2.34	ppb
Thallium	205-1	502.36	509.61	524.78	512.25	2.23	ppb
Thorium	232-1	488.15	500.30	507.38	498.61	1.95	ppb
Tin	118-1	526.80	532.48	547.30	535.53	1.98	ppb
Titanium	47-1	2525.88	2589.80	2663.99	2593.22	2.67	ppb
Uranium	238-1	484.75	495.49	507.75	496.00	2.32	ppb
Vanadium	51-2	504.67	504.66	509.08	506.14	0.50	ppb
Yttrium	89-1				96		%
Yttrium	89-2				97		%

LB Number :	LB98243	Operator :	Jaswal
Lab Sample ID :	PB113233BS	Instrumnet Name :	P7
Client Sample ID :	PB113233BS	Dilution Factor :	1
Date & Time Acquired ::	2018-09-28 16:51:07	DataFile Name :	021LCS6.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zinc	66-2	789.27	797.13	804.55	796.98	0.96	ppb
Zirconium	90-1	504.85	513.78	531.43	516.69	2.62	ppb
Zirconium	91-1	496.07	503.10	523.37	507.51	2.79	ppb

LB Number :	LB98243	Operator :	Jaswal
Lab Sample ID :	J4968-06	Instrumnet Name :	P7
Client Sample ID :	SA-PZ182I-20180916	Dilution Factor :	1
Date & Time Acquired ::	2018-09-28 16:54:43	DataFile Name :	022SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	5.96	4.50	4.38	4.95	17.77	ppb
Antimony	121-1	3.11	3.42	3.47	3.34	5.96	ppb
Arsenic	75-2	7.25	7.24	7.14	7.21	0.85	ppb
Barium	135-1	20.87	20.89	20.57	20.78	0.87	ppb
Barium	137-1	20.99	21.00	19.83	20.61	3.26	ppb
Beryllium	9-1	0.09	0.04	0.07	0.07	33.09	ppb
Bismuth	209-1				105		%
Bismuth	209-2				94		%
Boron	10-1	43.55	40.95	37.76	40.75	7.12	ppb
Boron	11-1	43.89	40.36	38.62	40.96	6.54	ppb
Cadmium	111-1	0.28	0.11	-0.02	0.12	120.14	ppb
Cadmium	106-1	0.95	-0.42	-1.81	-0.43		ppb
Cadmium	108-1	0.32	0.18	0.15	0.22	42.61	ppb
Calcium	43-1	7892.91	7842.77	7820.53	7852.07	0.47	ppb
Calcium	44-1	7773.07	7716.41	7741.40	7743.63	0.37	ppb
Chromium	52-2	1.27	1.19	1.19	1.22	3.84	ppb
Cobalt	59-2	4.47	4.65	4.49	4.54	2.12	ppb
Copper	63-2	3.03	3.23	2.96	3.07	4.50	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				93		%
Holmium	165-2				89		%
Indium	115-1				114		%
Indium	115-2				105		%
Iron	56-2	2617.95	2635.43	2608.25	2620.54	0.53	ppb
Iron	57-2	2615.68	2652.20	2600.38	2622.75	1.02	ppb
Krypton	83-1						cps
Lead	206-1	0.61	0.56	0.53	0.57	7.28	ppb
Lead	207-1	0.58	0.60	0.54	0.57	4.65	ppb
Lead	208-1	0.61	0.58	0.53	0.57	6.35	ppb
Lithium	6-1				119		%
Magnesium	24-2	3690.71	3751.83	3701.13	3714.56	0.88	ppb

LB Number :	LB98243	Operator :	Jaswal
Lab Sample ID :	J4968-06	Instrumnet Name :	P7
Client Sample ID :	SA-PZ182I-20180916	Dilution Factor :	1
Date & Time Acquired ::	2018-09-28 16:54:43	DataFile Name :	022SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	1573.65	1590.57	1566.97	1577.07	0.77	ppb
Molybdenum	94-1	0.58	0.48	0.51	0.52	9.54	ppb
Molybdenum	95-1	0.82	0.61	0.61	0.68	17.06	ppb
Molybdenum	96-1	0.68	0.63	0.61	0.64	5.82	ppb
Molybdenum	97-1	0.70	0.73	0.67	0.70	4.38	ppb
Molybdenum	98-1	0.68	0.63	0.66	0.66	3.99	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	2.40	2.58	2.49	2.49	3.68	ppb
Phosphorus	31-2	26.16	25.38	10.02	20.52	44.34	ppb
Potassium	39-2	1220.03	1208.35	1190.83	1206.40	1.22	ppb
Rhodium	103-1				88		%
Rhodium	103-2				91		%
Scandium	45-1				88		%
Scandium	45-2				84		%
Selenium	77-2	2.01	1.52	0.51	1.34	56.91	ppb
Selenium	78-2	0.48	0.17	-0.17	0.16	203.02	ppb
Selenium	82-1	0.09	-0.48	-0.63	-0.34		ppb
Silicon	28-1	4091.77	4055.66	4030.00	4059.14	0.76	ppb
Silver	109-1	0.59	0.70	0.62	0.64	8.80	ppb
Silver	107-1	0.58	0.68	0.66	0.64	8.77	ppb
Sodium	23-2	7345.03	7425.23	7220.69	7330.31	1.41	ppb
Strontium	86-1	47.38	47.98	49.19	48.18	1.91	ppb
Strontium	88-1	47.51	47.57	47.64	47.57	0.14	ppb
Sulfur	34-1	5575.15	5596.73	5586.77	5586.22	0.19	ppb
Terbium	159-1				93		%
Terbium	159-2				89		%
Thallium	203-1	0.53	0.38	0.25	0.39	37.11	ppb
Thallium	205-1	0.53	0.37	0.24	0.38	38.63	ppb
Thorium	232-1	0.13	0.13	0.14	0.13	2.06	ppb
Tin	118-1	3.76	3.59	3.42	3.59	4.76	ppb
Titanium	47-1	0.66	0.66	0.69	0.67	2.59	ppb
Uranium	238-1	0.03	0.02	0.02	0.02	30.37	ppb
Vanadium	51-2	0.57	0.62	0.64	0.61	5.70	ppb
Yttrium	89-1				90		%
Yttrium	89-2				87		%

LB Number :	LB98243	Operator :	Jaswal
Lab Sample ID :	J4968-06	Instrumnet Name :	P7
Client Sample ID :	SA-PZ182I-20180916	Dilution Factor :	1
Date & Time Acquired ::	2018-09-28 16:54:43	DataFile Name :	022SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zinc	66-2	9.43	9.45	9.34	9.41	0.63	ppb
Zirconium	90-1	0.06	0.06	0.04	0.05	16.38	ppb
Zirconium	91-1	0.04	0.05	0.06	0.05	15.32	ppb

LB Number :	LB98243	Operator :	Jaswal
Lab Sample ID :	J4968-06DUP	Instrumnet Name :	P7
Client Sample ID :	SA-PZ182I-20180916DU	Dilution Factor :	1
Date & Time Acquired ::	2018-09-28 16:58:17	DataFile Name :	023SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	4.19	4.42	5.00	4.54	9.17	ppb
Antimony	121-1	2.85	3.01	3.36	3.07	8.43	ppb
Arsenic	75-2	7.37	7.26	7.56	7.40	2.07	ppb
Barium	135-1	21.24	20.51	21.08	20.95	1.83	ppb
Barium	137-1	21.38	21.16	20.66	21.07	1.75	ppb
Beryllium	9-1	0.05	0.04	0.03	0.04	17.28	ppb
Bismuth	209-1				98		%
Bismuth	209-2				89		%
Boron	10-1	27.80	26.38	27.50	27.23	2.76	ppb
Boron	11-1	28.12	28.14	27.84	28.03	0.60	ppb
Cadmium	111-1	0.04	-0.02	-0.09	-0.02		ppb
Cadmium	106-1	0.03	-0.84	-1.47	-0.76		ppb
Cadmium	108-1	0.11	0.08	-0.02	0.06	121.65	ppb
Calcium	43-1	7940.16	8011.20	7905.29	7952.22	0.68	ppb
Calcium	44-1	8057.51	7986.82	7980.48	8008.27	0.53	ppb
Chromium	52-2	1.05	1.01	1.03	1.03	1.98	ppb
Cobalt	59-2	4.61	4.64	4.78	4.68	1.96	ppb
Copper	63-2	2.82	2.97	2.95	2.91	2.78	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				87		%
Indium	115-1				103		%
Indium	115-2				94		%
Iron	56-2	2772.29	2758.51	2743.96	2758.25	0.51	ppb
Iron	57-2	2788.08	2808.98	2777.98	2791.68	0.57	ppb
Krypton	83-1						cps
Lead	206-1	0.29	0.29	0.27	0.28	4.40	ppb
Lead	207-1	0.33	0.30	0.31	0.31	4.72	ppb
Lead	208-1	0.30	0.29	0.31	0.30	2.01	ppb
Lithium	6-1				114		%
Magnesium	24-2	3808.55	3827.89	3787.72	3808.05	0.53	ppb

LB Number : LB98243 Operator : Jaswal
 Lab Sample ID : J4968-06DUP Instrumnet Name : P7
 Client Sample ID : SA-PZ182I-20180916DU Dilution Factor : 1
 Date & Time Acquired :: 2018-09-28 16:58:17 DataFile Name : 023SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	1652.60	1608.40	1616.30	1625.76	1.45	ppb
Molybdenum	94-1	0.22	0.25	0.28	0.25	11.29	ppb
Molybdenum	95-1	0.38	0.39	0.40	0.39	2.61	ppb
Molybdenum	96-1	0.42	0.40	0.41	0.41	2.61	ppb
Molybdenum	97-1	0.41	0.40	0.34	0.38	9.20	ppb
Molybdenum	98-1	0.39	0.40	0.45	0.41	7.10	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	2.51	2.36	2.49	2.45	3.19	ppb
Phosphorus	31-2	25.22	20.25	23.96	23.14	11.16	ppb
Potassium	39-2	1216.14	1217.10	1203.31	1212.18	0.63	ppb
Rhodium	103-1				88		%
Rhodium	103-2				89		%
Scandium	45-1				85		%
Scandium	45-2				77		%
Selenium	77-2	1.06	0.53	2.65	1.41	78.00	ppb
Selenium	78-2	0.53	-0.62	0.34	0.08	724.15	ppb
Selenium	82-1	-0.43	0.06	-0.33	-0.23		ppb
Silicon	28-1	4064.85	4070.26	4030.99	4055.36	0.52	ppb
Silver	109-1	0.34	0.28	0.32	0.31	9.62	ppb
Silver	107-1	0.32	0.31	0.33	0.32	2.45	ppb
Sodium	23-2	7480.67	7464.30	7434.56	7459.84	0.31	ppb
Strontium	86-1	48.69	49.30	48.64	48.88	0.75	ppb
Strontium	88-1	48.30	48.37	48.39	48.35	0.09	ppb
Sulfur	34-1	5759.99	5702.46	5690.51	5717.65	0.65	ppb
Terbium	159-1				93		%
Terbium	159-2				87		%
Thallium	203-1	0.08	0.09	0.05	0.07	25.66	ppb
Thallium	205-1	0.07	0.07	0.06	0.07	7.16	ppb
Thorium	232-1	0.05	0.06	0.06	0.06	9.53	ppb
Tin	118-1	2.62	2.84	2.65	2.70	4.39	ppb
Titanium	47-1	0.60	0.61	0.51	0.57	9.85	ppb
Uranium	238-1	0.01	0.01	0.01	0.01	10.14	ppb
Vanadium	51-2	0.58	0.65	0.68	0.64	8.01	ppb
Yttrium	89-1				89		%
Yttrium	89-2				83		%

LB Number :	LB98243	Operator :	Jaswal
Lab Sample ID :	J4968-06DUP	Instrumnet Name :	P7
Client Sample ID :	SA-PZ182I-20180916DU	Dilution Factor :	1
Date & Time Acquired ::	2018-09-28 16:58:17	DataFile Name :	023SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zinc	66-2	7.22	7.28	6.95	7.15	2.42	ppb
Zirconium	90-1	0.02	0.03	0.03	0.03	21.83	ppb
Zirconium	91-1	0.01	0.01	0.00	0.01	55.29	ppb

LB Number :	LB98243	Operator :	Jaswal
Lab Sample ID :	J4968-06LX5	Instrumnet Name :	P7
Client Sample ID :	SA-PZ182I-20180916L	Dilution Factor :	5
Date & Time Acquired ::	2018-09-28 17:01:52	DataFile Name :	024SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	0.78	1.05	1.00	0.94	15.05	ppb
Antimony	121-1	0.67	0.62	0.62	0.63	4.36	ppb
Arsenic	75-2	1.32	1.38	1.32	1.34	2.62	ppb
Barium	135-1	3.98	3.72	4.07	3.92	4.57	ppb
Barium	137-1	3.84	3.94	4.02	3.93	2.37	ppb
Beryllium	9-1	0.03	-0.01	0.01	0.01	160.96	ppb
Bismuth	209-1				99		%
Bismuth	209-2				93		%
Boron	10-1	11.99	11.00	10.14	11.04	8.36	ppb
Boron	11-1	11.32	10.63	11.20	11.05	3.33	ppb
Cadmium	111-1	-0.15	-0.04	0.01	-0.06		ppb
Cadmium	106-1	-2.02	-0.70	-0.07	-0.93		ppb
Cadmium	108-1	0.07	-0.02	0.01	0.02	225.65	ppb
Calcium	43-1	1531.54	1513.48	1480.78	1508.60	1.71	ppb
Calcium	44-1	1541.95	1542.73	1548.30	1544.33	0.22	ppb
Chromium	52-2	0.21	0.20	0.21	0.20	3.89	ppb
Cobalt	59-2	0.90	0.88	0.90	0.90	1.17	ppb
Copper	63-2	1.03	1.05	0.98	1.02	3.56	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				99		%
Holmium	165-2				93		%
Indium	115-1				99		%
Indium	115-2				94		%
Iron	56-2	507.76	510.94	500.89	506.53	1.01	ppb
Iron	57-2	523.96	531.96	528.74	528.22	0.76	ppb
Krypton	83-1						cps
Lead	206-1	0.03	0.05	0.04	0.04	27.19	ppb
Lead	207-1	0.04	0.04	0.04	0.04	4.39	ppb
Lead	208-1	0.04	0.05	0.05	0.04	13.90	ppb
Lithium	6-1				98		%
Magnesium	24-2	741.16	743.25	723.50	735.97	1.47	ppb

LB Number :	LB98243	Operator :	Jaswal
Lab Sample ID :	J4968-06LX5	Instrumnet Name :	P7
Client Sample ID :	SA-PZ182I-20180916L	Dilution Factor :	5
Date & Time Acquired ::	2018-09-28 17:01:52	DataFile Name :	024SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	316.37	318.50	315.06	316.64	0.55	ppb
Molybdenum	94-1	0.03	0.02	0.04	0.03	26.68	ppb
Molybdenum	95-1	0.08	0.08	0.07	0.08	12.69	ppb
Molybdenum	96-1	0.06	0.06	0.06	0.06	2.34	ppb
Molybdenum	97-1	0.08	0.07	0.11	0.09	23.66	ppb
Molybdenum	98-1	0.07	0.08	0.08	0.08	4.56	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.43	0.58	0.54	0.52	14.99	ppb
Phosphorus	31-2	1.03	-3.73	-2.78	-1.82		ppb
Potassium	39-2	241.45	253.74	231.84	242.34	4.53	ppb
Rhodium	103-1				95		%
Rhodium	103-2				97		%
Scandium	45-1				91		%
Scandium	45-2				86		%
Selenium	77-2	0.49	0.00	0.48	0.32	86.62	ppb
Selenium	78-2	-0.06	-0.06	-0.26	-0.13		ppb
Selenium	82-1	0.51	-0.69	0.22	0.01	4513.65	ppb
Silicon	28-1	786.34	788.02	777.71	784.02	0.71	ppb
Silver	109-1	0.09	0.10	0.12	0.10	11.25	ppb
Silver	107-1	0.10	0.09	0.09	0.09	8.14	ppb
Sodium	23-2	1489.90	1491.47	1456.81	1479.39	1.32	ppb
Strontium	86-1	9.39	9.72	9.36	9.49	2.13	ppb
Strontium	88-1	9.39	9.34	9.35	9.36	0.29	ppb
Sulfur	34-1	779.36	780.71	773.29	777.79	0.51	ppb
Terbium	159-1				99		%
Terbium	159-2				93		%
Thallium	203-1	0.03	0.02	0.02	0.02	16.80	ppb
Thallium	205-1	0.02	0.01	0.01	0.01	25.11	ppb
Thorium	232-1	0.02	0.02	0.02	0.02	3.09	ppb
Tin	118-1	0.23	0.21	0.21	0.21	6.04	ppb
Titanium	47-1	0.18	0.17	0.14	0.16	11.52	ppb
Uranium	238-1	0.00	0.00	0.00	0.00		ppb
Vanadium	51-2	0.13	0.13	0.14	0.13	6.53	ppb
Yttrium	89-1				95		%
Yttrium	89-2				90		%

LB Number :	LB98243	Operator :	Jaswal
Lab Sample ID :	J4968-06LX5	Instrumnet Name :	P7
Client Sample ID :	SA-PZ182I-20180916L	Dilution Factor :	5
Date & Time Acquired ::	2018-09-28 17:01:52	DataFile Name :	024SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zinc	66-2	1.76	1.94	2.05	1.92	7.83	ppb
Zirconium	90-1	0.00	0.00	0.00	0.00	363.85	ppb
Zirconium	91-1	0.01	0.01	0.02	0.01	25.56	ppb

LB Number : LB98243 Operator : Jaswal
 Lab Sample ID : J4968-07 Instrumnet Name : P7
 Client Sample ID : SA-PZ182I-20180916MS Dilution Factor : 1
 Date & Time Acquired :: 2018-09-28 17:05:26 DataFile Name : 025SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	8539.04	8417.14	8588.55	8514.91	1.04	ppb
Antimony	121-1	492.53	488.30	484.27	488.37	0.85	ppb
Arsenic	75-2	475.94	459.84	480.68	472.16	2.31	ppb
Barium	135-1	2478.21	2446.06	2434.46	2452.91	0.92	ppb
Barium	137-1	2489.66	2443.16	2449.08	2460.63	1.03	ppb
Beryllium	9-1	368.21	363.42	362.66	364.76	0.82	ppb
Bismuth	209-1				89		%
Bismuth	209-2				80		%
Boron	10-1	367.40	373.37	382.61	374.46	2.05	ppb
Boron	11-1	378.41	378.61	386.02	381.01	1.14	ppb
Cadmium	111-1	489.88	488.31	488.27	488.82	0.19	ppb
Cadmium	106-1	471.29	470.20	481.28	474.26	1.29	ppb
Cadmium	108-1	479.60	477.01	483.18	479.93	0.65	ppb
Calcium	43-1	53540.69	53499.28	54604.08	53881.35	1.16	ppb
Calcium	44-1	54195.27	53836.88	54686.91	54239.69	0.79	ppb
Chromium	52-2	492.90	490.21	503.03	495.38	1.36	ppb
Cobalt	59-2	500.99	496.28	512.97	503.41	1.71	ppb
Copper	63-2	1015.98	1004.88	1039.21	1020.02	1.72	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				91		%
Holmium	165-2				83		%
Indium	115-1				91		%
Indium	115-2				84		%
Iron	56-2	27939.09	27428.47	28249.75	27872.44	1.49	ppb
Iron	57-2	27669.07	27274.01	27995.05	27646.04	1.31	ppb
Krypton	83-1						cps
Lead	206-1	471.03	468.12	475.99	471.71	0.84	ppb
Lead	207-1	459.78	457.61	461.36	459.58	0.41	ppb
Lead	208-1	466.05	464.24	469.38	466.56	0.56	ppb
Lithium	6-1				101		%
Magnesium	24-2	49322.55	48037.94	49204.37	48854.95	1.45	ppb

LB Number : LB98243 Operator : Jaswal
 Lab Sample ID : J4968-07 Instrumnet Name : P7
 Client Sample ID : SA-PZ182I-20180916MS Dilution Factor : 1
 Date & Time Acquired :: 2018-09-28 17:05:26 DataFile Name : 025SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	2511.65	2476.85	2525.20	2504.57	1.00	ppb
Molybdenum	94-1	2463.96	2448.11	2451.85	2454.64	0.34	ppb
Molybdenum	95-1	2465.01	2437.56	2449.17	2450.58	0.56	ppb
Molybdenum	96-1	2455.44	2459.23	2461.70	2458.79	0.13	ppb
Molybdenum	97-1	2448.43	2440.76	2467.13	2452.11	0.55	ppb
Molybdenum	98-1	2455.30	2435.86	2459.69	2450.29	0.52	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	520.06	513.68	531.22	521.66	1.70	ppb
Phosphorus	31-2	25.37	17.04	32.34	24.92	30.76	ppb
Potassium	39-2	23448.26	22852.33	23458.74	23253.11	1.49	ppb
Rhodium	103-1				80		%
Rhodium	103-2				80		%
Scandium	45-1				79		%
Scandium	45-2				72		%
Selenium	77-2	475.25	450.68	496.63	474.19	4.85	ppb
Selenium	78-2	456.95	445.73	466.29	456.32	2.26	ppb
Selenium	82-1	477.73	475.68	484.60	479.33	0.98	ppb
Silicon	28-1	4401.60	4354.38	4424.42	4393.47	0.81	ppb
Silver	109-1	517.52	508.05	511.47	512.35	0.94	ppb
Silver	107-1	518.39	508.11	510.92	512.47	1.04	ppb
Sodium	23-2	51859.54	50633.95	52064.55	51519.35	1.50	ppb
Strontium	86-1	535.69	529.28	535.11	533.36	0.66	ppb
Strontium	88-1	540.26	532.12	538.83	537.07	0.81	ppb
Sulfur	34-1	5539.53	5306.18	5355.56	5400.43	2.28	ppb
Terbium	159-1				90		%
Terbium	159-2				83		%
Thallium	203-1	468.29	464.15	473.57	468.67	1.01	ppb
Thallium	205-1	464.77	463.73	473.63	467.38	1.16	ppb
Thorium	232-1	0.14	0.15	0.14	0.14	3.25	ppb
Tin	118-1	473.47	469.72	466.60	469.93	0.73	ppb
Titanium	47-1	2429.42	2397.85	2418.38	2415.22	0.66	ppb
Uranium	238-1	476.80	477.03	485.37	479.74	1.02	ppb
Vanadium	51-2	492.13	482.71	496.13	490.32	1.41	ppb
Yttrium	89-1				84		%
Yttrium	89-2				78		%

LB Number :	LB98243	Operator :	Jaswal
Lab Sample ID :	J4968-07	Instrumnet Name :	P7
Client Sample ID :	SA-PZ182I-20180916MS	Dilution Factor :	1
Date & Time Acquired ::	2018-09-28 17:05:26	DataFile Name :	025SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zinc	66-2	774.76	762.93	799.39	779.03	2.39	ppb
Zirconium	90-1	488.52	484.25	488.52	487.10	0.51	ppb
Zirconium	91-1	481.12	481.07	487.12	483.10	0.72	ppb

LB Number :	LB98243	Operator :	Jaswal
Lab Sample ID :	J4968-08	Instrumnet Name :	P7
Client Sample ID :	SA-PZ182I-20180916MS	Dilution Factor :	1
Date & Time Acquired ::	2018-09-28 17:09:02	DataFile Name :	026SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	8594.71	8580.32	8576.91	8583.98	0.11	ppb
Antimony	121-1	484.29	512.91	496.95	498.05	2.88	ppb
Arsenic	75-2	468.16	480.69	478.72	475.85	1.42	ppb
Barium	135-1	2442.64	2573.34	2504.91	2506.96	2.61	ppb
Barium	137-1	2443.89	2563.41	2504.94	2504.08	2.39	ppb
Beryllium	9-1	380.05	387.26	379.62	382.31	1.12	ppb
Bismuth	209-1				86		%
Bismuth	209-2				80		%
Boron	10-1	397.83	411.92	412.58	407.45	2.05	ppb
Boron	11-1	407.92	425.75	424.79	419.49	2.39	ppb
Cadmium	111-1	484.04	518.74	503.02	501.94	3.46	ppb
Cadmium	106-1	466.60	519.72	491.86	492.73	5.39	ppb
Cadmium	108-1	483.36	506.46	494.43	494.75	2.34	ppb
Calcium	43-1	54369.82	57760.93	56547.20	56225.98	3.06	ppb
Calcium	44-1	54711.97	57486.58	56357.79	56185.45	2.48	ppb
Chromium	52-2	502.77	509.03	507.72	506.50	0.65	ppb
Cobalt	59-2	513.19	519.99	522.20	518.46	0.91	ppb
Copper	63-2	1040.86	1057.05	1065.77	1054.56	1.20	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				88		%
Holmium	165-2				83		%
Indium	115-1				85		%
Indium	115-2				82		%
Iron	56-2	28516.65	28650.55	28674.15	28613.78	0.30	ppb
Iron	57-2	28187.49	28471.64	28582.95	28414.03	0.72	ppb
Krypton	83-1						cps
Lead	206-1	482.08	503.56	492.52	492.72	2.18	ppb
Lead	207-1	467.29	490.74	479.41	479.15	2.45	ppb
Lead	208-1	477.05	501.14	487.66	488.62	2.47	ppb
Lithium	6-1				91		%
Magnesium	24-2	49951.74	49555.72	49380.98	49629.48	0.59	ppb

LB Number :	LB98243	Operator :	Jaswal
Lab Sample ID :	J4968-08	Instrumnet Name :	P7
Client Sample ID :	SA-PZ182I-20180916MS	Dilution Factor :	1
Date & Time Acquired ::	2018-09-28 17:09:02	DataFile Name :	026SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	2558.13	2554.01	2559.70	2557.28	0.11	ppb
Molybdenum	94-1	2484.02	2613.08	2536.35	2544.48	2.55	ppb
Molybdenum	95-1	2483.86	2610.24	2539.50	2544.53	2.49	ppb
Molybdenum	96-1	2500.70	2610.66	2550.29	2553.88	2.16	ppb
Molybdenum	97-1	2496.36	2624.18	2541.69	2554.07	2.54	ppb
Molybdenum	98-1	2483.84	2630.41	2539.19	2551.15	2.90	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	532.02	536.93	538.84	535.93	0.66	ppb
Phosphorus	31-2	31.73	29.97	30.15	30.62	3.17	ppb
Potassium	39-2	23544.82	23677.86	23398.88	23540.52	0.59	ppb
Rhodium	103-1				77		%
Rhodium	103-2				79		%
Scandium	45-1				73		%
Scandium	45-2				69		%
Selenium	77-2	458.05	462.52	461.65	460.74	0.51	ppb
Selenium	78-2	456.95	448.41	466.28	457.21	1.95	ppb
Selenium	82-1	481.48	507.58	503.08	497.38	2.81	ppb
Silicon	28-1	4308.29	4554.99	4466.46	4443.25	2.81	ppb
Silver	109-1	514.55	537.67	524.52	525.58	2.21	ppb
Silver	107-1	510.76	537.81	528.07	525.55	2.61	ppb
Sodium	23-2	52041.08	51857.66	51632.30	51843.68	0.39	ppb
Strontium	86-1	538.72	571.36	557.90	555.99	2.95	ppb
Strontium	88-1	537.97	575.56	554.45	555.99	3.39	ppb
Sulfur	34-1	5254.07	5705.64	5592.00	5517.24	4.26	ppb
Terbium	159-1				87		%
Terbium	159-2				82		%
Thallium	203-1	480.64	502.17	490.42	491.07	2.19	ppb
Thallium	205-1	479.66	499.94	487.70	489.10	2.09	ppb
Thorium	232-1	0.11	0.10	0.10	0.10	1.48	ppb
Tin	118-1	469.74	492.69	483.49	481.97	2.40	ppb
Titanium	47-1	2452.50	2558.75	2500.20	2503.82	2.13	ppb
Uranium	238-1	491.04	512.69	502.29	502.01	2.16	ppb
Vanadium	51-2	499.35	503.98	504.34	502.56	0.55	ppb
Yttrium	89-1				80		%
Yttrium	89-2				77		%

LB Number :	LB98243	Operator :	Jaswal
Lab Sample ID :	J4968-08	Instrumnet Name :	P7
Client Sample ID :	SA-PZ182I-20180916MS	Dilution Factor :	1
Date & Time Acquired ::	2018-09-28 17:09:02	DataFile Name :	026SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zinc	66-2	786.40	794.06	806.00	795.49	1.24	ppb
Zirconium	90-1	491.27	517.88	502.79	503.98	2.65	ppb
Zirconium	91-1	486.71	519.40	504.70	503.60	3.25	ppb

LB Number :	LB98243	Operator :	Jaswal
Lab Sample ID :	J4968-06A	Instrumnet Name :	P7
Client Sample ID :	SA-PZ182I-20180916A	Dilution Factor :	1
Date & Time Acquired ::	2018-09-28 17:12:37	DataFile Name :	027SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	8421.54	8862.84	8659.91	8648.09	2.55	ppb
Antimony	121-1	493.59	492.00	489.55	491.71	0.41	ppb
Arsenic	75-2	466.38	494.61	482.79	481.26	2.95	ppb
Barium	135-1	2474.41	2465.60	2469.38	2469.80	0.18	ppb
Barium	137-1	2478.59	2463.69	2455.16	2465.81	0.48	ppb
Beryllium	9-1	388.66	383.69	385.29	385.88	0.66	ppb
Bismuth	209-1				86		%
Bismuth	209-2				78		%
Boron	10-1	411.08	404.93	419.84	411.95	1.82	ppb
Boron	11-1	416.37	418.36	426.67	420.46	1.30	ppb
Cadmium	111-1	494.13	492.68	495.18	494.00	0.25	ppb
Cadmium	106-1	480.70	479.09	473.24	477.68	0.82	ppb
Cadmium	108-1	482.26	479.21	479.32	480.26	0.36	ppb
Calcium	43-1	54785.69	54913.18	55040.59	54913.16	0.23	ppb
Calcium	44-1	55343.32	55301.84	55642.77	55429.31	0.34	ppb
Chromium	52-2	503.61	526.97	520.56	517.05	2.33	ppb
Cobalt	59-2	512.22	547.62	537.37	532.40	3.42	ppb
Copper	63-2	1043.03	1105.49	1092.56	1080.36	3.05	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				89		%
Holmium	165-2				81		%
Indium	115-1				84		%
Indium	115-2				79		%
Iron	56-2	28471.20	30004.43	29284.14	29253.26	2.62	ppb
Iron	57-2	28130.90	29932.45	29424.03	29162.46	3.18	ppb
Krypton	83-1						cps
Lead	206-1	496.81	493.14	493.28	494.41	0.42	ppb
Lead	207-1	481.19	476.10	476.71	478.00	0.58	ppb
Lead	208-1	488.85	485.58	486.69	487.04	0.34	ppb
Lithium	6-1				86		%
Magnesium	24-2	48757.16	51339.96	50146.64	50081.25	2.58	ppb

LB Number :	LB98243	Operator :	Jaswal
Lab Sample ID :	J4968-06A	Instrumnet Name :	P7
Client Sample ID :	SA-PZ182I-20180916A	Dilution Factor :	1
Date & Time Acquired ::	2018-09-28 17:12:37	DataFile Name :	027SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	2537.72	2655.90	2608.03	2600.55	2.29	ppb
Molybdenum	94-1	2507.54	2497.65	2510.07	2505.09	0.26	ppb
Molybdenum	95-1	2521.01	2481.59	2508.78	2503.79	0.81	ppb
Molybdenum	96-1	2534.86	2494.53	2512.13	2513.84	0.80	ppb
Molybdenum	97-1	2524.13	2484.16	2498.90	2502.40	0.81	ppb
Molybdenum	98-1	2513.10	2491.36	2514.36	2506.27	0.52	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	526.74	564.51	555.23	548.83	3.59	ppb
Phosphorus	31-2	20.73	31.94	22.52	25.07	24.02	ppb
Potassium	39-2	23170.74	24282.93	23689.90	23714.52	2.35	ppb
Rhodium	103-1				77		%
Rhodium	103-2				76		%
Scandium	45-1				72		%
Scandium	45-2				65		%
Selenium	77-2	461.70	495.64	500.20	485.85	4.33	ppb
Selenium	78-2	459.82	489.79	459.74	469.78	3.69	ppb
Selenium	82-1	488.64	490.37	490.59	489.87	0.22	ppb
Silicon	28-1	4322.02	4363.99	4373.20	4353.07	0.63	ppb
Silver	109-1	514.64	512.80	511.32	512.92	0.32	ppb
Silver	107-1	518.68	511.37	507.17	512.41	1.14	ppb
Sodium	23-2	51399.35	53679.19	52569.54	52549.36	2.17	ppb
Strontium	86-1	545.47	540.49	551.22	545.73	0.98	ppb
Strontium	88-1	553.47	544.24	546.24	547.98	0.89	ppb
Sulfur	34-1	5350.96	5304.17	5263.10	5306.08	0.83	ppb
Terbium	159-1				88		%
Terbium	159-2				80		%
Thallium	203-1	486.67	488.71	492.82	489.40	0.64	ppb
Thallium	205-1	489.96	488.88	491.06	489.96	0.22	ppb
Thorium	232-1	0.08	0.08	0.08	0.08	3.61	ppb
Tin	118-1	476.03	473.82	473.12	474.32	0.32	ppb
Titanium	47-1	2477.77	2459.73	2477.61	2471.70	0.42	ppb
Uranium	238-1	505.81	503.34	500.95	503.37	0.48	ppb
Vanadium	51-2	497.52	522.96	516.55	512.35	2.58	ppb
Yttrium	89-1				80		%
Yttrium	89-2				74		%

LB Number :	LB98243	Operator :	Jaswal
Lab Sample ID :	J4968-06A	Instrumnet Name :	P7
Client Sample ID :	SA-PZ182I-20180916A	Dilution Factor :	1
Date & Time Acquired ::	2018-09-28 17:12:37	DataFile Name :	027SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zinc	66-2	795.44	846.74	836.36	826.18	3.28	ppb
Zirconium	90-1	496.51	495.67	494.79	495.66	0.17	ppb
Zirconium	91-1	492.10	491.55	492.46	492.04	0.09	ppb

LB Number :	LB98243	Operator :	Jaswal
Lab Sample ID :	J4968-12	Instrumnet Name :	P7
Client Sample ID :	SA-DUP06-20180916	Dilution Factor :	1
Date & Time Acquired ::	2018-09-28 17:16:11	DataFile Name :	028SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	9.26	6.19	8.91	8.12	20.70	ppb
Antimony	121-1	2.50	2.59	2.64	2.58	2.73	ppb
Arsenic	75-2	6.59	6.89	7.52	7.00	6.78	ppb
Barium	135-1	19.93	19.32	19.33	19.53	1.80	ppb
Barium	137-1	20.10	19.57	20.37	20.01	2.03	ppb
Beryllium	9-1	0.09	0.10	0.11	0.10	11.12	ppb
Bismuth	209-1				92		%
Bismuth	209-2				83		%
Boron	10-1	52.03	49.75	47.03	49.60	5.04	ppb
Boron	11-1	52.83	49.30	46.89	49.67	6.01	ppb
Cadmium	111-1	0.11	-0.02	-0.06	0.01	920.79	ppb
Cadmium	106-1	-0.04	-1.94	-1.80	-1.26		ppb
Cadmium	108-1	0.26	0.08	0.19	0.18	49.78	ppb
Calcium	43-1	7936.67	7838.15	7891.82	7888.88	0.63	ppb
Calcium	44-1	7814.15	7776.25	7778.09	7789.50	0.27	ppb
Chromium	52-2	1.31	1.30	1.21	1.27	4.39	ppb
Cobalt	59-2	4.76	4.86	4.79	4.80	1.05	ppb
Copper	63-2	3.93	4.15	4.31	4.13	4.57	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				89		%
Holmium	165-2				81		%
Indium	115-1				89		%
Indium	115-2				80		%
Iron	56-2	2759.88	2763.66	2749.08	2757.54	0.27	ppb
Iron	57-2	2814.95	2791.82	2842.85	2816.54	0.91	ppb
Krypton	83-1						cps
Lead	206-1	0.17	0.18	0.22	0.19	13.67	ppb
Lead	207-1	0.19	0.20	0.17	0.19	8.95	ppb
Lead	208-1	0.19	0.20	0.19	0.19	1.15	ppb
Lithium	6-1				83		%
Magnesium	24-2	3580.85	3577.42	3600.37	3586.21	0.35	ppb

LB Number :	LB98243	Operator :	Jaswal
Lab Sample ID :	J4968-12	Instrumnet Name :	P7
Client Sample ID :	SA-DUP06-20180916	Dilution Factor :	1
Date & Time Acquired ::	2018-09-28 17:16:11	DataFile Name :	028SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	1619.50	1620.47	1615.09	1618.35	0.18	ppb
Molybdenum	94-1	0.58	0.52	0.41	0.50	16.91	ppb
Molybdenum	95-1	0.72	0.68	0.68	0.69	3.58	ppb
Molybdenum	96-1	0.65	0.63	0.61	0.63	3.05	ppb
Molybdenum	97-1	0.62	0.59	0.60	0.60	2.50	ppb
Molybdenum	98-1	0.68	0.71	0.65	0.68	4.41	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	2.69	2.96	2.82	2.82	4.66	ppb
Phosphorus	31-2	12.26	10.16	14.45	12.29	17.42	ppb
Potassium	39-2	1123.13	1126.95	1148.89	1132.99	1.23	ppb
Rhodium	103-1				81		%
Rhodium	103-2				80		%
Scandium	45-1				72		%
Scandium	45-2				64		%
Selenium	77-2	2.43	0.60	1.79	1.61	57.59	ppb
Selenium	78-2	-0.54	0.15	-0.26	-0.21		ppb
Selenium	82-1	-0.26	-0.45	0.19	-0.17		ppb
Silicon	28-1	3772.94	3750.77	3739.99	3754.57	0.45	ppb
Silver	109-1	0.19	0.22	0.19	0.20	7.72	ppb
Silver	107-1	0.19	0.20	0.22	0.20	7.00	ppb
Sodium	23-2	7018.73	7057.41	7055.07	7043.74	0.31	ppb
Strontium	86-1	47.92	48.20	47.73	47.95	0.50	ppb
Strontium	88-1	47.08	47.25	47.13	47.15	0.19	ppb
Sulfur	34-1	5249.98	5147.03	5199.44	5198.82	0.99	ppb
Terbium	159-1				89		%
Terbium	159-2				81		%
Thallium	203-1	0.15	0.13	0.11	0.13	13.16	ppb
Thallium	205-1	0.15	0.13	0.11	0.13	15.48	ppb
Thorium	232-1	0.00	0.01	0.01	0.01	33.99	ppb
Tin	118-1	3.11	3.12	2.93	3.05	3.65	ppb
Titanium	47-1	0.62	0.67	0.60	0.63	5.30	ppb
Uranium	238-1	0.03	0.04	0.04	0.03	14.91	ppb
Vanadium	51-2	0.62	0.66	0.68	0.66	4.98	ppb
Yttrium	89-1				81		%
Yttrium	89-2				73		%

LB Number :	LB98243	Operator :	Jaswal
Lab Sample ID :	J4968-12	Instrumnet Name :	P7
Client Sample ID :	SA-DUP06-20180916	Dilution Factor :	1
Date & Time Acquired ::	2018-09-28 17:16:11	DataFile Name :	028SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zinc	66-2	6.68	6.60	6.78	6.69	1.39	ppb
Zirconium	90-1	0.08	0.05	0.06	0.07	19.12	ppb
Zirconium	91-1	0.06	0.06	0.02	0.04	49.48	ppb

LB Number :	LB98243	Operator :	Jaswal
Lab Sample ID :	CCV14	Instrumnet Name :	P7
Client Sample ID :	CCV14	Dilution Factor :	1
Date & Time Acquired ::	2018-09-28 17:22:00	DataFile Name :	029CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	51186.24	50386.56	49740.93	50437.91	1.44	ppb
Antimony	121-1	452.06	457.66	461.12	456.94	1.00	ppb
Arsenic	75-2	489.01	488.51	475.16	484.23	1.62	ppb
Barium	135-1	2524.70	2560.41	2554.37	2546.49	0.75	ppb
Barium	137-1	2517.06	2549.82	2561.49	2542.79	0.91	ppb
Beryllium	9-1	498.97	507.04	509.75	505.25	1.11	ppb
Bismuth	209-1				80		%
Bismuth	209-2				74		%
Boron	10-1	484.09	512.06	517.11	504.42	3.53	ppb
Boron	11-1	497.61	517.22	531.58	515.47	3.31	ppb
Cadmium	111-1	466.54	476.87	481.68	475.03	1.63	ppb
Cadmium	106-1	466.89	472.17	479.95	473.00	1.39	ppb
Cadmium	108-1	466.02	473.64	481.82	473.83	1.67	ppb
Calcium	43-1	238839.57	241107.29	239817.06	239921.30	0.47	ppb
Calcium	44-1	239740.40	241710.75	241389.15	240946.77	0.44	ppb
Chromium	52-2	551.45	543.33	542.62	545.80	0.90	ppb
Cobalt	59-2	519.87	513.30	512.89	515.35	0.76	ppb
Copper	63-2	1008.58	996.66	988.60	997.95	1.01	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				89		%
Holmium	165-2				83		%
Indium	115-1				79		%
Indium	115-2				77		%
Iron	56-2	135400.42	132094.78	131819.20	133104.80	1.50	ppb
Iron	57-2	134950.08	131460.33	130843.87	132418.09	1.67	ppb
Krypton	83-1						cps
Lead	206-1	520.77	534.15	536.88	530.60	1.62	ppb
Lead	207-1	524.65	535.65	537.70	532.67	1.32	ppb
Lead	208-1	526.02	536.80	537.29	533.37	1.19	ppb
Lithium	6-1				73		%
Magnesium	24-2	242548.08	236511.06	236943.51	238667.55	1.41	ppb

LB Number :	LB98243	Operator :	Jaswal
Lab Sample ID :	CCV14	Instrumnet Name :	P7
Client Sample ID :	CCV14	Dilution Factor :	1
Date & Time Acquired ::	2018-09-28 17:22:00	DataFile Name :	029CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	1047.47	1033.39	1033.57	1038.14	0.78	ppb
Molybdenum	94-1	2633.89	2644.33	2638.02	2638.74	0.20	ppb
Molybdenum	95-1	2626.85	2648.44	2661.32	2645.54	0.66	ppb
Molybdenum	96-1	2628.28	2648.14	2660.37	2645.60	0.61	ppb
Molybdenum	97-1	2617.04	2641.58	2662.83	2640.49	0.87	ppb
Molybdenum	98-1	2618.28	2649.85	2669.09	2645.74	0.97	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	538.64	533.80	526.95	533.13	1.10	ppb
Phosphorus	31-2	9718.44	9461.95	9704.16	9628.18	1.50	ppb
Potassium	39-2	121451.36	119963.73	119057.54	120157.54	1.01	ppb
Rhodium	103-1				74		%
Rhodium	103-2				74		%
Scandium	45-1				76		%
Scandium	45-2				73		%
Selenium	77-2	503.59	477.80	470.36	483.92	3.60	ppb
Selenium	78-2	466.96	452.47	455.97	458.46	1.65	ppb
Selenium	82-1	466.03	472.26	481.18	473.16	1.61	ppb
Silicon	28-1	542.26	556.38	567.06	555.23	2.24	ppb
Silver	109-1	515.10	519.70	524.19	519.66	0.88	ppb
Silver	107-1	515.63	519.43	525.70	520.25	0.98	ppb
Sodium	23-2	243853.58	238156.50	236680.72	239563.60	1.58	ppb
Strontium	86-1	502.93	511.54	520.03	511.50	1.67	ppb
Strontium	88-1	513.89	521.42	523.08	519.46	0.94	ppb
Sulfur	34-1	10006.10	10218.73	10291.84	10172.22	1.46	ppb
Terbium	159-1				88		%
Terbium	159-2				82		%
Thallium	203-1	528.66	538.05	541.19	535.97	1.22	ppb
Thallium	205-1	527.79	536.13	537.04	533.65	0.96	ppb
Thorium	232-1	543.52	555.13	554.85	551.16	1.20	ppb
Tin	118-1	498.01	507.78	508.24	504.68	1.14	ppb
Titanium	47-1	2571.71	2607.12	2615.65	2598.16	0.90	ppb
Uranium	238-1	548.86	553.29	554.45	552.20	0.53	ppb
Vanadium	51-2	534.74	531.99	528.54	531.76	0.58	ppb
Yttrium	89-1				81		%
Yttrium	89-2				78		%

LB Number :	LB98243	Operator :	Jaswal
Lab Sample ID :	CCV14	Instrumnet Name :	P7
Client Sample ID :	CCV14	Dilution Factor :	1
Date & Time Acquired ::	2018-09-28 17:22:00	DataFile Name :	029CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zinc	66-2	770.85	758.05	758.37	762.43	0.96	ppb
Zirconium	90-1	522.03	526.23	525.62	524.63	0.43	ppb
Zirconium	91-1	508.04	517.47	518.62	514.71	1.13	ppb

LB Number :	LB98243	Operator :	Jaswal
Lab Sample ID :	CCB14	Instrumnet Name :	P7
Client Sample ID :	CCB14	Dilution Factor :	1
Date & Time Acquired ::	2018-09-28 17:28:56	DataFile Name :	030CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	0.35	0.25	0.33	0.31	17.57	ppb
Antimony	121-1	0.15	0.16	0.16	0.16	3.57	ppb
Arsenic	75-2	0.02	0.02	0.04	0.03	34.29	ppb
Barium	135-1	0.06	0.03	0.02	0.03	67.45	ppb
Barium	137-1	0.06	0.03	0.04	0.05	34.74	ppb
Beryllium	9-1	0.06	0.04	0.06	0.05	18.93	ppb
Bismuth	209-1				94		%
Bismuth	209-2				90		%
Boron	10-1	15.79	14.75	12.64	14.39	11.17	ppb
Boron	11-1	15.12	14.62	13.83	14.52	4.46	ppb
Cadmium	111-1	-0.05	-0.01	-0.01	-0.02		ppb
Cadmium	106-1	-1.19	-0.54	-0.60	-0.78		ppb
Cadmium	108-1	0.01	-0.02	0.01	0.00	1062.37	ppb
Calcium	43-1	7.26	5.48	5.55	6.10	16.54	ppb
Calcium	44-1	9.82	8.52	8.34	8.89	9.08	ppb
Chromium	52-2	0.08	0.06	0.08	0.07	15.33	ppb
Cobalt	59-2	0.00	0.00	0.00	0.00	50.74	ppb
Copper	63-2	1.10	1.06	1.07	1.08	1.86	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				93		%
Holmium	165-2				89		%
Indium	115-1				90		%
Indium	115-2				86		%
Iron	56-2	2.03	2.17	2.06	2.09	3.48	ppb
Iron	57-2	2.59	1.91	1.12	1.87	39.39	ppb
Krypton	83-1						cps
Lead	206-1	0.03	0.02	0.02	0.02	31.84	ppb
Lead	207-1	0.02	0.01	0.01	0.01	36.12	ppb
Lead	208-1	0.02	0.02	0.02	0.02	22.08	ppb
Lithium	6-1				82		%
Magnesium	24-2	3.49	4.18	2.44	3.37	25.88	ppb

LB Number :	LB98243	Operator :	Jaswal
Lab Sample ID :	CCB14	Instrumnet Name :	P7
Client Sample ID :	CCB14	Dilution Factor :	1
Date & Time Acquired ::	2018-09-28 17:28:56	DataFile Name :	030CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	0.08	0.06	0.08	0.07	11.28	ppb
Molybdenum	94-1	0.09	0.09	0.09	0.09	2.18	ppb
Molybdenum	95-1	0.14	0.11	0.09	0.11	22.07	ppb
Molybdenum	96-1	0.11	0.11	0.09	0.10	13.03	ppb
Molybdenum	97-1	0.14	0.12	0.09	0.12	20.47	ppb
Molybdenum	98-1	0.11	0.13	0.10	0.11	11.47	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.03	0.02	0.02	0.03	21.02	ppb
Phosphorus	31-2	5.19	26.08	8.12	13.13	86.15	ppb
Potassium	39-2	66.57	60.04	57.57	61.39	7.58	ppb
Rhodium	103-1				88		%
Rhodium	103-2				92		%
Scandium	45-1				83		%
Scandium	45-2				79		%
Selenium	77-2	0.00	0.00	0.00	0.00	N/A	ppb
Selenium	78-2	-0.26	-0.29	-0.03	-0.20		ppb
Selenium	82-1	-0.36	-0.18	-0.22	-0.25		ppb
Silicon	28-1	1.15	0.66	1.50	1.10	38.02	ppb
Silver	109-1	0.04	0.05	0.05	0.04	11.01	ppb
Silver	107-1	0.05	0.05	0.05	0.05	5.01	ppb
Sodium	23-2	32.48	30.94	30.84	31.42	2.93	ppb
Strontium	86-1	0.02	0.02	0.02	0.02	17.12	ppb
Strontium	88-1	0.01	0.01	0.01	0.01	22.11	ppb
Sulfur	34-1	-159.91	-295.01	-234.17	-229.70		ppb
Terbium	159-1				92		%
Terbium	159-2				89		%
Thallium	203-1	0.05	0.04	0.04	0.04	16.46	ppb
Thallium	205-1	0.04	0.05	0.04	0.04	14.34	ppb
Thorium	232-1	0.04	0.04	0.03	0.04	7.87	ppb
Tin	118-1	0.11	0.08	0.09	0.09	15.88	ppb
Titanium	47-1	0.10	0.09	0.06	0.08	24.94	ppb
Uranium	238-1	0.00	0.00	0.00	0.00	126.88	ppb
Vanadium	51-2	0.01	0.01	0.02	0.01	62.71	ppb
Yttrium	89-1				87		%
Yttrium	89-2				84		%

LB Number :	LB98243	Operator :	Jaswal
Lab Sample ID :	CCB14	Instrumnet Name :	P7
Client Sample ID :	CCB14	Dilution Factor :	1
Date & Time Acquired ::	2018-09-28 17:28:56	DataFile Name :	030CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zinc	66-2	1.92	1.83	1.87	1.87	2.61	ppb
Zirconium	90-1	0.02	0.02	0.04	0.03	28.01	ppb
Zirconium	91-1	0.04	0.01	0.03	0.03	62.86	ppb

LB Number :	LB98243	Operator :	Jaswal
Lab Sample ID :	J5041-01	Instrumnet Name :	P7
Client Sample ID :	S13-0258	Dilution Factor :	1
Date & Time Acquired ::	2018-09-28 17:32:29	DataFile Name :	031SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	45.09	45.78	43.43	44.77	2.70	ppb
Antimony	121-1	3.18	3.04	3.01	3.08	2.93	ppb
Arsenic	75-2	48.37	47.78	49.91	48.69	2.26	ppb
Barium	135-1	9.62	9.76	9.76	9.72	0.82	ppb
Barium	137-1	9.49	9.87	9.71	9.69	1.95	ppb
Beryllium	9-1	0.01	0.04	0.03	0.03	45.04	ppb
Bismuth	209-1				91		%
Bismuth	209-2				82		%
Boron	10-1	19.48	19.89	19.10	19.49	2.03	ppb
Boron	11-1	19.93	20.32	19.53	19.93	1.99	ppb
Cadmium	111-1	-0.03	0.03	-0.08	-0.03		ppb
Cadmium	106-1	-2.17	-0.64	-2.07	-1.63		ppb
Cadmium	108-1	0.20	0.31	0.09	0.20	55.98	ppb
Calcium	43-1	5065.00	5110.49	5013.12	5062.87	0.96	ppb
Calcium	44-1	5103.15	5078.36	4999.17	5060.23	1.07	ppb
Chromium	52-2	2.71	2.73	2.67	2.70	1.16	ppb
Cobalt	59-2	6.41	6.25	6.34	6.33	1.24	ppb
Copper	63-2	5.66	5.64	5.81	5.70	1.62	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				87		%
Holmium	165-2				79		%
Indium	115-1				90		%
Indium	115-2				81		%
Iron	56-2	17068.42	16735.64	16942.65	16915.57	0.99	ppb
Iron	57-2	16729.53	16537.66	16896.55	16721.25	1.07	ppb
Krypton	83-1						cps
Lead	206-1	0.66	0.65	0.61	0.64	3.85	ppb
Lead	207-1	0.64	0.63	0.62	0.63	2.14	ppb
Lead	208-1	0.64	0.64	0.61	0.63	2.95	ppb
Lithium	6-1				91		%
Magnesium	24-2	1652.06	1648.00	1646.82	1648.96	0.17	ppb

LB Number :	LB98243	Operator :	Jaswal
Lab Sample ID :	J5041-01	Instrumnet Name :	P7
Client Sample ID :	S13-0258	Dilution Factor :	1
Date & Time Acquired ::	2018-09-28 17:32:29	DataFile Name :	031SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	1909.09	1903.84	1920.16	1911.03	0.44	ppb
Molybdenum	94-1	0.97	0.99	1.01	0.99	2.30	ppb
Molybdenum	95-1	1.30	1.29	1.24	1.28	2.36	ppb
Molybdenum	96-1	1.29	1.44	1.39	1.37	5.65	ppb
Molybdenum	97-1	1.27	1.30	1.11	1.23	8.32	ppb
Molybdenum	98-1	1.26	1.28	1.27	1.27	0.54	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	9.07	9.41	9.54	9.34	2.63	ppb
Phosphorus	31-2	48.05	82.73	77.32	69.37	26.90	ppb
Potassium	39-2	734.55	735.93	752.96	741.15	1.38	ppb
Rhodium	103-1				79		%
Rhodium	103-2				79		%
Scandium	45-1				72		%
Scandium	45-2				63		%
Selenium	77-2	0.61	1.82	2.45	1.63	57.34	ppb
Selenium	78-2	0.29	-0.14	0.48	0.21	152.40	ppb
Selenium	82-1	-0.63	-0.69	-0.40	-0.57		ppb
Silicon	28-1	2242.07	2204.99	2177.56	2208.20	1.47	ppb
Silver	109-1	0.38	0.33	0.26	0.32	18.40	ppb
Silver	107-1	0.39	0.30	0.29	0.33	17.34	ppb
Sodium	23-2	2103.68	2088.92	2116.23	2102.94	0.65	ppb
Strontium	86-1	31.92	31.66	31.50	31.69	0.66	ppb
Strontium	88-1	32.20	31.95	31.85	32.00	0.56	ppb
Sulfur	34-1	65.32	2.87	-95.45	-9.09		ppb
Terbium	159-1				86		%
Terbium	159-2				79		%
Thallium	203-1	0.14	0.11	0.07	0.11	31.59	ppb
Thallium	205-1	0.14	0.09	0.06	0.10	38.69	ppb
Thorium	232-1	0.07	0.08	0.07	0.07	6.12	ppb
Tin	118-1	3.57	3.56	3.46	3.53	1.67	ppb
Titanium	47-1	3.04	3.16	3.16	3.12	2.16	ppb
Uranium	238-1	0.13	0.11	0.11	0.12	7.54	ppb
Vanadium	51-2	0.88	0.83	0.77	0.83	6.47	ppb
Yttrium	89-1				79		%
Yttrium	89-2				72		%

LB Number :	LB98243	Operator :	Jaswal
Lab Sample ID :	J5041-01	Instrumnet Name :	P7
Client Sample ID :	S13-0258	Dilution Factor :	1
Date & Time Acquired ::	2018-09-28 17:32:29	DataFile Name :	031SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zinc	66-2	14.48	14.88	14.90	14.75	1.61	ppb
Zirconium	90-1	0.09	0.07	0.06	0.07	14.92	ppb
Zirconium	91-1	0.14	0.04	0.08	0.08	59.20	ppb

LB Number :	LB98243	Operator :	Jaswal
Lab Sample ID :	J5041-02	Instrumnet Name :	P7
Client Sample ID :	S13-0257	Dilution Factor :	1
Date & Time Acquired ::	2018-09-28 17:36:04	DataFile Name :	032SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	24.59	21.99	25.35	23.98	7.34	ppb
Antimony	121-1	2.05	1.99	2.05	2.03	1.67	ppb
Arsenic	75-2	167.06	169.82	168.94	168.61	0.83	ppb
Barium	135-1	17.74	18.49	17.95	18.06	2.14	ppb
Barium	137-1	18.92	17.86	18.31	18.36	2.91	ppb
Beryllium	9-1	0.03	0.01	0.02	0.02	60.88	ppb
Bismuth	209-1				90		%
Bismuth	209-2				83		%
Boron	10-1	68.64	70.73	70.60	69.99	1.67	ppb
Boron	11-1	70.04	69.97	71.70	70.57	1.39	ppb
Cadmium	111-1	-0.14	-0.10	-0.05	-0.09		ppb
Cadmium	106-1	-2.06	-1.66	-0.87	-1.53		ppb
Cadmium	108-1	0.09	0.16	0.09	0.11	36.88	ppb
Calcium	43-1	22669.06	22345.11	22471.10	22495.09	0.73	ppb
Calcium	44-1	22701.70	22363.42	22494.29	22519.80	0.76	ppb
Chromium	52-2	1.05	1.01	1.06	1.04	2.60	ppb
Cobalt	59-2	5.28	5.31	5.20	5.26	1.11	ppb
Copper	63-2	3.91	3.87	3.85	3.87	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				89		%
Holmium	165-2				82		%
Indium	115-1				87		%
Indium	115-2				80		%
Iron	56-2	40670.02	40201.41	40383.73	40418.39	0.58	ppb
Iron	57-2	39962.40	39820.08	40388.58	40057.02	0.74	ppb
Krypton	83-1						cps
Lead	206-1	0.22	0.23	0.25	0.23	6.54	ppb
Lead	207-1	0.21	0.23	0.23	0.22	3.75	ppb
Lead	208-1	0.21	0.21	0.23	0.22	4.55	ppb
Lithium	6-1				82		%
Magnesium	24-2	4933.85	4890.73	4916.15	4913.58	0.44	ppb

LB Number :	LB98243	Operator :	Jaswal
Lab Sample ID :	J5041-02	Instrumnet Name :	P7
Client Sample ID :	S13-0257	Dilution Factor :	1
Date & Time Acquired ::	2018-09-28 17:36:04	DataFile Name :	032SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	4587.29	4534.21	4543.35	4554.95	0.62	ppb
Molybdenum	94-1	1.69	1.70	1.60	1.66	3.07	ppb
Molybdenum	95-1	2.41	2.50	2.51	2.47	2.32	ppb
Molybdenum	96-1	2.54	2.63	2.62	2.60	1.80	ppb
Molybdenum	97-1	2.24	2.15	2.53	2.31	8.59	ppb
Molybdenum	98-1	2.26	2.28	2.35	2.30	2.19	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	4.53	4.67	4.69	4.63	1.95	ppb
Phosphorus	31-2	211.47	176.86	208.00	198.78	9.59	ppb
Potassium	39-2	2221.25	2193.73	2247.60	2220.86	1.21	ppb
Rhodium	103-1				79		%
Rhodium	103-2				80		%
Scandium	45-1				71		%
Scandium	45-2				65		%
Selenium	77-2	1.79	0.60	2.36	1.58	56.83	ppb
Selenium	78-2	-0.46	-0.16	-0.19	-0.27		ppb
Selenium	82-1	0.06	0.07	0.04	0.06	28.11	ppb
Silicon	28-1	10761.39	10581.07	10665.02	10669.16	0.85	ppb
Silver	109-1	0.16	0.16	0.19	0.17	9.31	ppb
Silver	107-1	0.16	0.16	0.15	0.16	4.91	ppb
Sodium	23-2	6609.93	6505.69	6549.95	6555.19	0.80	ppb
Strontium	86-1	175.58	178.26	178.33	177.39	0.88	ppb
Strontium	88-1	178.26	176.13	178.01	177.47	0.66	ppb
Sulfur	34-1	-261.50	-377.17	-290.90	-309.85		ppb
Terbium	159-1				88		%
Terbium	159-2				82		%
Thallium	203-1	0.03	0.02	0.02	0.02	30.27	ppb
Thallium	205-1	0.02	0.02	0.02	0.02	9.83	ppb
Thorium	232-1	0.04	0.05	0.05	0.04	9.10	ppb
Tin	118-1	2.08	2.29	2.37	2.25	6.68	ppb
Titanium	47-1	1.86	1.66	1.90	1.81	7.23	ppb
Uranium	238-1	0.02	0.02	0.01	0.02	14.65	ppb
Vanadium	51-2	0.39	0.40	0.37	0.38	3.56	ppb
Yttrium	89-1				80		%
Yttrium	89-2				74		%

LB Number :	LB98243	Operator :	Jaswal
Lab Sample ID :	J5041-02	Instrumnet Name :	P7
Client Sample ID :	S13-0257	Dilution Factor :	1
Date & Time Acquired ::	2018-09-28 17:36:04	DataFile Name :	032SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zinc	66-2	7.45	6.78	7.15	7.13	4.69	ppb
Zirconium	90-1	0.07	0.07	0.03	0.06	34.58	ppb
Zirconium	91-1	0.16	0.15	0.14	0.15	6.69	ppb

LB Number :	LB98243	Operator :	Jaswal
Lab Sample ID :	J5041-03	Instrumnet Name :	P7
Client Sample ID :	S13-0251	Dilution Factor :	1
Date & Time Acquired ::	2018-09-28 17:39:40	DataFile Name :	033SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	15.46	17.04	18.83	17.11	9.86	ppb
Antimony	121-1	2.52	2.47	2.58	2.52	2.29	ppb
Arsenic	75-2	143.62	145.65	144.39	144.55	0.71	ppb
Barium	135-1	35.65	34.33	35.19	35.06	1.92	ppb
Barium	137-1	36.08	35.20	35.84	35.71	1.28	ppb
Beryllium	9-1	0.02	0.04	0.04	0.03	25.19	ppb
Bismuth	209-1				90		%
Bismuth	209-2				80		%
Boron	10-1	77.95	78.87	79.29	78.70	0.87	ppb
Boron	11-1	80.74	80.37	81.59	80.90	0.77	ppb
Cadmium	111-1	0.29	0.19	0.08	0.18	57.74	ppb
Cadmium	106-1	-1.28	-2.19	-3.14	-2.21		ppb
Cadmium	108-1	0.23	0.15	0.73	0.37	84.08	ppb
Calcium	43-1	36393.85	34864.41	36336.41	35864.89	2.42	ppb
Calcium	44-1	36560.72	35229.39	36474.33	36088.15	2.06	ppb
Chromium	52-2	1.23	1.24	1.34	1.27	5.02	ppb
Cobalt	59-2	15.67	15.68	15.67	15.67	0.06	ppb
Copper	63-2	8.56	8.55	8.70	8.60	0.96	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				89		%
Holmium	165-2				80		%
Indium	115-1				85		%
Indium	115-2				76		%
Iron	56-2	21453.22	21488.34	21268.14	21403.23	0.55	ppb
Iron	57-2	21187.38	21406.33	21251.39	21281.70	0.53	ppb
Krypton	83-1						cps
Lead	206-1	0.50	0.50	0.50	0.50	0.89	ppb
Lead	207-1	0.48	0.45	0.49	0.48	4.12	ppb
Lead	208-1	0.48	0.46	0.50	0.48	4.25	ppb
Lithium	6-1				75		%
Magnesium	24-2	8400.03	8491.27	8338.68	8409.99	0.91	ppb

LB Number :	LB98243	Operator :	Jaswal
Lab Sample ID :	J5041-03	Instrumnet Name :	P7
Client Sample ID :	S13-0251	Dilution Factor :	1
Date & Time Acquired ::	2018-09-28 17:39:40	DataFile Name :	033SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	1077.49	1091.31	1083.81	1084.20	0.64	ppb
Molybdenum	94-1	0.69	0.54	0.75	0.66	17.02	ppb
Molybdenum	95-1	0.99	0.90	1.02	0.97	6.32	ppb
Molybdenum	96-1	1.08	1.05	1.03	1.05	2.44	ppb
Molybdenum	97-1	0.80	0.95	0.84	0.86	8.67	ppb
Molybdenum	98-1	0.91	0.92	0.88	0.90	2.40	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	61.07	61.92	61.05	61.35	0.81	ppb
Phosphorus	31-2	133.82	158.64	169.72	154.06	11.93	ppb
Potassium	39-2	4930.14	4969.99	4938.50	4946.21	0.42	ppb
Rhodium	103-1				78		%
Rhodium	103-2				75		%
Scandium	45-1				68		%
Scandium	45-2				59		%
Selenium	77-2	0.63	1.28	2.52	1.48	65.02	ppb
Selenium	78-2	-0.06	-0.16	-0.49	-0.24		ppb
Selenium	82-1	-0.14	-0.36	0.14	-0.12		ppb
Silicon	28-1	8856.19	8452.07	8646.98	8651.75	2.34	ppb
Silver	109-1	0.13	0.11	0.15	0.13	13.34	ppb
Silver	107-1	0.13	0.14	0.15	0.14	8.13	ppb
Sodium	23-2	7227.73	7261.38	7126.05	7205.05	0.98	ppb
Strontium	86-1	303.45	286.57	297.39	295.80	2.89	ppb
Strontium	88-1	302.58	289.65	297.80	296.68	2.20	ppb
Sulfur	34-1	-245.75	-333.91	-340.08	-306.58		ppb
Terbium	159-1				88		%
Terbium	159-2				79		%
Thallium	203-1	0.02	0.02	0.02	0.02	18.21	ppb
Thallium	205-1	0.01	0.01	0.01	0.01	39.64	ppb
Thorium	232-1	0.03	0.04	0.04	0.04	11.87	ppb
Tin	118-1	2.15	1.98	2.23	2.12	5.87	ppb
Titanium	47-1	1.90	1.87	1.73	1.83	4.93	ppb
Uranium	238-1	0.04	0.04	0.04	0.04	2.17	ppb
Vanadium	51-2	0.76	0.73	0.80	0.77	4.46	ppb
Yttrium	89-1				78		%
Yttrium	89-2				69		%

LB Number :	LB98243	Operator :	Jaswal
Lab Sample ID :	J5041-03	Instrumnet Name :	P7
Client Sample ID :	S13-0251	Dilution Factor :	1
Date & Time Acquired ::	2018-09-28 17:39:40	DataFile Name :	033SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zinc	66-2	33.36	33.55	31.94	32.95	2.67	ppb
Zirconium	90-1	0.04	0.05	0.03	0.04	31.70	ppb
Zirconium	91-1	0.14	0.07	0.08	0.10	36.81	ppb

LB Number :	LB98243	Operator :	Jaswal
Lab Sample ID :	J5041-04	Instrumnet Name :	P7
Client Sample ID :	S13-0247	Dilution Factor :	1
Date & Time Acquired ::	2018-09-28 17:43:14	DataFile Name :	034SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	2.78	3.28	3.51	3.19	11.69	ppb
Antimony	121-1	2.33	2.43	2.36	2.38	2.27	ppb
Arsenic	75-2	71.01	71.74	71.05	71.26	0.57	ppb
Barium	135-1	38.96	39.40	39.80	39.38	1.07	ppb
Barium	137-1	39.33	39.34	40.50	39.72	1.69	ppb
Beryllium	9-1	0.06	0.04	0.02	0.04	40.36	ppb
Bismuth	209-1				89		%
Bismuth	209-2				79		%
Boron	10-1	109.48	109.16	114.64	111.09	2.77	ppb
Boron	11-1	114.37	115.16	118.41	115.98	1.85	ppb
Cadmium	111-1	-0.25	-0.14	-0.17	-0.19		ppb
Cadmium	106-1	-3.59	-1.97	-2.52	-2.69		ppb
Cadmium	108-1	0.01	0.05	0.01	0.03	76.93	ppb
Calcium	43-1	59313.84	59547.36	59976.17	59612.46	0.56	ppb
Calcium	44-1	59542.83	59776.70	60252.52	59857.35	0.60	ppb
Chromium	52-2	1.17	1.25	1.23	1.22	3.27	ppb
Cobalt	59-2	21.02	21.03	21.16	21.07	0.37	ppb
Copper	63-2	4.64	4.88	4.69	4.73	2.70	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				89		%
Holmium	165-2				80		%
Indium	115-1				83		%
Indium	115-2				75		%
Iron	56-2	14964.43	14984.82	14864.34	14937.86	0.43	ppb
Iron	57-2	15017.02	15070.84	14882.96	14990.27	0.65	ppb
Krypton	83-1						cps
Lead	206-1	0.11	0.10	0.12	0.11	8.65	ppb
Lead	207-1	0.08	0.11	0.09	0.10	18.14	ppb
Lead	208-1	0.11	0.11	0.11	0.11	2.13	ppb
Lithium	6-1				71		%
Magnesium	24-2	26009.12	25950.32	25856.38	25938.60	0.30	ppb

LB Number :	LB98243	Operator :	Jaswal
Lab Sample ID :	J5041-04	Instrumnet Name :	P7
Client Sample ID :	S13-0247	Dilution Factor :	1
Date & Time Acquired ::	2018-09-28 17:43:14	DataFile Name :	034SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	2347.85	2360.88	2335.41	2348.05	0.54	ppb
Molybdenum	94-1	1.05	1.09	1.07	1.07	1.89	ppb
Molybdenum	95-1	1.53	1.47	1.45	1.48	2.82	ppb
Molybdenum	96-1	1.40	1.52	1.51	1.47	4.29	ppb
Molybdenum	97-1	1.56	1.36	1.52	1.48	7.06	ppb
Molybdenum	98-1	1.47	1.38	1.45	1.43	3.33	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	35.73	36.83	36.99	36.52	1.87	ppb
Phosphorus	31-2	-1.20	-8.37	8.23	-0.45		ppb
Potassium	39-2	1694.67	1693.35	1676.48	1688.17	0.60	ppb
Rhodium	103-1				76		%
Rhodium	103-2				73		%
Scandium	45-1				66		%
Scandium	45-2				58		%
Selenium	77-2	3.17	3.19	1.27	2.54	43.36	ppb
Selenium	78-2	-1.00	-1.21	-0.16	-0.79		ppb
Selenium	82-1	-0.38	-0.26	0.03	-0.20		ppb
Silicon	28-1	12693.28	12775.06	12772.56	12746.96	0.36	ppb
Silver	109-1	0.13	0.11	0.12	0.12	9.20	ppb
Silver	107-1	0.10	0.11	0.11	0.11	6.97	ppb
Sodium	23-2	13758.67	13691.12	13513.60	13654.46	0.93	ppb
Strontium	86-1	574.28	570.24	578.85	574.46	0.75	ppb
Strontium	88-1	576.98	581.13	590.50	582.87	1.19	ppb
Sulfur	34-1	-241.71	-309.46	-306.03	-285.73		ppb
Terbium	159-1				88		%
Terbium	159-2				79		%
Thallium	203-1	0.03	0.02	0.04	0.03	24.54	ppb
Thallium	205-1	0.02	0.03	0.02	0.02	13.60	ppb
Thorium	232-1	0.01	0.01	0.02	0.02	21.27	ppb
Tin	118-1	1.85	1.93	2.11	1.96	6.78	ppb
Titanium	47-1	1.33	0.97	1.23	1.18	15.39	ppb
Uranium	238-1	0.04	0.04	0.03	0.03	7.27	ppb
Vanadium	51-2	0.41	0.41	0.38	0.40	4.96	ppb
Yttrium	89-1				77		%
Yttrium	89-2				69		%

LB Number :	LB98243	Operator :	Jaswal
Lab Sample ID :	J5041-04	Instrumnet Name :	P7
Client Sample ID :	S13-0247	Dilution Factor :	1
Date & Time Acquired ::	2018-09-28 17:43:14	DataFile Name :	034SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zinc	66-2	15.09	15.20	16.37	15.56	4.55	ppb
Zirconium	90-1	0.07	0.05	0.06	0.06	16.42	ppb
Zirconium	91-1	0.05	0.05	0.06	0.06	13.65	ppb

LB Number :	LB98243	Operator :	Jaswal
Lab Sample ID :	J5041-05	Instrumnet Name :	P7
Client Sample ID :	S13-0245	Dilution Factor :	1
Date & Time Acquired ::	2018-09-28 17:46:50	DataFile Name :	035SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	3.61	4.77	3.67	4.01	16.31	ppb
Antimony	121-1	2.43	2.49	2.56	2.49	2.68	ppb
Arsenic	75-2	174.22	170.91	167.69	170.94	1.91	ppb
Barium	135-1	20.06	20.96	20.10	20.37	2.48	ppb
Barium	137-1	20.66	20.86	20.86	20.79	0.55	ppb
Beryllium	9-1	0.06	0.01	0.01	0.03	114.20	ppb
Bismuth	209-1				86		%
Bismuth	209-2				76		%
Boron	10-1	49.43	51.40	48.99	49.94	2.57	ppb
Boron	11-1	51.60	51.33	51.91	51.61	0.56	ppb
Cadmium	111-1	-0.09	-0.19	-0.14	-0.14		ppb
Cadmium	106-1	-1.35	-2.51	-1.85	-1.90		ppb
Cadmium	108-1	0.05	-0.02	0.20	0.08	145.97	ppb
Calcium	43-1	51700.36	52505.71	53049.61	52418.56	1.30	ppb
Calcium	44-1	52227.63	52742.86	53016.50	52662.33	0.76	ppb
Chromium	52-2	1.15	1.13	1.17	1.15	1.88	ppb
Cobalt	59-2	7.85	7.52	7.56	7.64	2.39	ppb
Copper	63-2	4.99	5.03	4.98	5.00	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				88		%
Holmium	165-2				78		%
Indium	115-1				81		%
Indium	115-2				73		%
Iron	56-2	15739.97	15261.29	14870.24	15290.50	2.85	ppb
Iron	57-2	15499.80	15238.88	14855.06	15197.91	2.13	ppb
Krypton	83-1						cps
Lead	206-1	0.20	0.19	0.18	0.19	5.94	ppb
Lead	207-1	0.16	0.14	0.18	0.16	11.35	ppb
Lead	208-1	0.17	0.16	0.18	0.17	4.24	ppb
Lithium	6-1				69		%
Magnesium	24-2	10402.16	10157.72	9973.20	10177.69	2.11	ppb

LB Number :	LB98243	Operator :	Jaswal
Lab Sample ID :	J5041-05	Instrumnet Name :	P7
Client Sample ID :	S13-0245	Dilution Factor :	1
Date & Time Acquired ::	2018-09-28 17:46:50	DataFile Name :	035SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	6011.76	5797.94	5703.83	5837.84	2.70	ppb
Molybdenum	94-1	2.12	1.96	2.13	2.07	4.57	ppb
Molybdenum	95-1	3.07	3.06	3.05	3.06	0.29	ppb
Molybdenum	96-1	2.93	3.07	2.92	2.98	2.87	ppb
Molybdenum	97-1	2.99	3.11	2.96	3.02	2.53	ppb
Molybdenum	98-1	2.90	3.18	3.11	3.06	4.66	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	13.20	12.95	12.52	12.89	2.69	ppb
Phosphorus	31-2	40.30	53.26	66.15	53.24	24.28	ppb
Potassium	39-2	2786.93	2737.45	2661.04	2728.47	2.32	ppb
Rhodium	103-1				73		%
Rhodium	103-2				70		%
Scandium	45-1				65		%
Scandium	45-2				57		%
Selenium	77-2	0.67	0.65	1.91	1.08	67.40	ppb
Selenium	78-2	-0.29	-0.13	-0.58	-0.33		ppb
Selenium	82-1	0.15	-0.78	-0.72	-0.45		ppb
Silicon	28-1	13615.28	13792.05	13751.61	13719.64	0.68	ppb
Silver	109-1	0.09	0.10	0.11	0.10	6.69	ppb
Silver	107-1	0.11	0.11	0.06	0.10	29.07	ppb
Sodium	23-2	112883.30	109245.77	107297.75	109808.94	2.58	ppb
Strontium	86-1	391.06	401.60	403.70	398.79	1.70	ppb
Strontium	88-1	397.84	404.43	405.97	402.75	1.07	ppb
Sulfur	34-1	-304.19	-292.69	-309.17	-302.02		ppb
Terbium	159-1				86		%
Terbium	159-2				77		%
Thallium	203-1	0.01	0.01	0.01	0.01	11.73	ppb
Thallium	205-1	0.01	0.00	0.01	0.01	64.63	ppb
Thorium	232-1	0.01	0.01	0.01	0.01	14.75	ppb
Tin	118-1	1.73	1.77	1.93	1.81	5.79	ppb
Titanium	47-1	1.21	1.38	1.54	1.38	12.24	ppb
Uranium	238-1	0.02	0.02	0.03	0.02	19.15	ppb
Vanadium	51-2	0.26	0.26	0.30	0.27	9.52	ppb
Yttrium	89-1				75		%
Yttrium	89-2				68		%

LB Number :	LB98243	Operator :	Jaswal
Lab Sample ID :	J5041-05	Instrumnet Name :	P7
Client Sample ID :	S13-0245	Dilution Factor :	1
Date & Time Acquired ::	2018-09-28 17:46:50	DataFile Name :	035SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zinc	66-2	11.19	10.46	11.43	11.03	4.61	ppb
Zirconium	90-1	0.04	0.03	0.05	0.04	20.08	ppb
Zirconium	91-1	0.06	0.08	0.05	0.06	26.46	ppb

LB Number :	LB98243	Operator :	Jaswal
Lab Sample ID :	J5041-06	Instrumnet Name :	P7
Client Sample ID :	S13-0246	Dilution Factor :	1
Date & Time Acquired ::	2018-09-28 17:50:27	DataFile Name :	036SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	2.88	2.46	2.91	2.75	9.03	ppb
Antimony	121-1	2.46	2.53	2.48	2.49	1.30	ppb
Arsenic	75-2	178.51	176.26	178.37	177.72	0.71	ppb
Barium	135-1	21.41	22.04	21.44	21.63	1.66	ppb
Barium	137-1	22.25	21.93	21.70	21.96	1.25	ppb
Beryllium	9-1	0.04	0.05	0.03	0.04	29.14	ppb
Bismuth	209-1				86		%
Bismuth	209-2				76		%
Boron	10-1	46.77	47.04	47.07	46.96	0.35	ppb
Boron	11-1	48.85	48.28	48.98	48.70	0.76	ppb
Cadmium	111-1	-0.18	-0.20	-0.04	-0.14		ppb
Cadmium	106-1	-2.46	-2.72	-0.57	-1.91		ppb
Cadmium	108-1	0.05	0.05	0.05	0.05	1.05	ppb
Calcium	43-1	54042.37	54218.08	53324.93	53861.79	0.88	ppb
Calcium	44-1	54365.02	54283.24	53864.05	54170.77	0.50	ppb
Chromium	52-2	1.02	1.11	1.17	1.10	6.99	ppb
Cobalt	59-2	8.33	8.06	8.24	8.21	1.69	ppb
Copper	63-2	5.50	5.35	5.65	5.50	2.74	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				88		%
Holmium	165-2				78		%
Indium	115-1				81		%
Indium	115-2				73		%
Iron	56-2	16142.97	15938.72	16249.34	16110.34	0.98	ppb
Iron	57-2	16049.65	15941.38	16318.52	16103.19	1.21	ppb
Krypton	83-1						cps
Lead	206-1	0.13	0.17	0.13	0.14	15.62	ppb
Lead	207-1	0.13	0.15	0.14	0.14	7.97	ppb
Lead	208-1	0.13	0.15	0.13	0.14	10.01	ppb
Lithium	6-1				67		%
Magnesium	24-2	10367.11	10301.23	10456.26	10374.87	0.75	ppb

LB Number :	LB98243	Operator :	Jaswal
Lab Sample ID :	J5041-06	Instrumnet Name :	P7
Client Sample ID :	S13-0246	Dilution Factor :	1
Date & Time Acquired ::	2018-09-28 17:50:27	DataFile Name :	036SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	5994.49	5934.35	6058.45	5995.76	1.04	ppb
Molybdenum	94-1	2.13	2.01	2.09	2.08	3.03	ppb
Molybdenum	95-1	3.26	3.20	3.30	3.25	1.64	ppb
Molybdenum	96-1	3.11	3.28	3.16	3.18	2.81	ppb
Molybdenum	97-1	3.13	2.96	3.10	3.06	2.88	ppb
Molybdenum	98-1	3.00	3.09	3.19	3.10	3.22	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	13.99	13.85	14.21	14.02	1.32	ppb
Phosphorus	31-2	71.07	48.06	66.75	61.96	19.74	ppb
Potassium	39-2	2756.41	2761.42	2792.37	2770.07	0.70	ppb
Rhodium	103-1				73		%
Rhodium	103-2				70		%
Scandium	45-1				65		%
Scandium	45-2				57		%
Selenium	77-2	1.98	3.25	1.98	2.40	30.62	ppb
Selenium	78-2	-0.64	0.31	-0.64	-0.33		ppb
Selenium	82-1	0.08	-0.39	0.32	0.00	129668.09	ppb
Silicon	28-1	13995.88	13902.01	13744.73	13880.87	0.91	ppb
Silver	109-1	0.10	0.11	0.09	0.10	9.28	ppb
Silver	107-1	0.09	0.09	0.10	0.09	8.82	ppb
Sodium	23-2	115537.27	114717.10	116276.16	115510.18	0.68	ppb
Strontium	86-1	416.71	417.02	411.81	415.18	0.70	ppb
Strontium	88-1	417.01	418.87	415.61	417.16	0.39	ppb
Sulfur	34-1	-243.80	-360.95	-390.00	-331.58		ppb
Terbium	159-1				86		%
Terbium	159-2				78		%
Thallium	203-1	0.01	0.02	0.01	0.01	61.60	ppb
Thallium	205-1	0.01	0.01	0.00	0.01	58.00	ppb
Thorium	232-1	0.01	0.01	0.01	0.01	5.46	ppb
Tin	118-1	1.59	1.58	1.67	1.61	2.83	ppb
Titanium	47-1	1.07	1.53	1.35	1.32	17.60	ppb
Uranium	238-1	0.03	0.03	0.02	0.03	12.39	ppb
Vanadium	51-2	0.25	0.28	0.28	0.27	5.93	ppb
Yttrium	89-1				75		%
Yttrium	89-2				67		%

LB Number :	LB98243	Operator :	Jaswal
Lab Sample ID :	J5041-06	Instrumnet Name :	P7
Client Sample ID :	S13-0246	Dilution Factor :	1
Date & Time Acquired ::	2018-09-28 17:50:27	DataFile Name :	036SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zinc	66-2	9.08	8.86	8.60	8.85	2.67	ppb
Zirconium	90-1	0.04	0.04	0.02	0.03	26.73	ppb
Zirconium	91-1	0.09	0.09	0.06	0.08	19.42	ppb

LB Number :	LB98243	Operator :	Jaswal
Lab Sample ID :	J5041-07	Instrumnet Name :	P7
Client Sample ID :	S13-0250	Dilution Factor :	1
Date & Time Acquired ::	2018-09-28 17:54:04	DataFile Name :	037SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	4.61	6.02	5.00	5.21	14.01	ppb
Antimony	121-1	2.22	2.36	2.25	2.28	3.16	ppb
Arsenic	75-2	119.68	113.82	118.22	117.24	2.60	ppb
Barium	135-1	61.52	61.43	59.44	60.79	1.94	ppb
Barium	137-1	62.16	63.49	60.68	62.11	2.26	ppb
Beryllium	9-1	0.05	0.05	0.04	0.05	14.88	ppb
Bismuth	209-1				83		%
Bismuth	209-2				74		%
Boron	10-1	19.11	19.38	18.19	18.90	3.30	ppb
Boron	11-1	20.32	20.84	20.28	20.48	1.53	ppb
Cadmium	111-1	-0.13	-0.16	-0.25	-0.18		ppb
Cadmium	106-1	-1.86	-2.03	-3.19	-2.36		ppb
Cadmium	108-1	0.09	0.09	-0.02	0.05	121.08	ppb
Calcium	43-1	186690.40	187685.99	182785.00	185720.46	1.39	ppb
Calcium	44-1	188191.59	187829.79	183361.05	186460.81	1.44	ppb
Chromium	52-2	1.01	0.99	1.04	1.01	2.61	ppb
Cobalt	59-2	19.45	19.28	19.54	19.43	0.68	ppb
Copper	63-2	4.70	4.66	4.46	4.61	2.77	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				88		%
Holmium	165-2				79		%
Indium	115-1				79		%
Indium	115-2				72		%
Iron	56-2	19267.94	18861.66	19147.98	19092.53	1.09	ppb
Iron	57-2	19288.58	19027.77	19394.05	19236.80	0.98	ppb
Krypton	83-1						cps
Lead	206-1	0.05	0.05	0.05	0.05	6.03	ppb
Lead	207-1	0.08	0.06	0.06	0.07	19.70	ppb
Lead	208-1	0.06	0.06	0.06	0.06	5.27	ppb
Lithium	6-1				67		%
Magnesium	24-2	43091.76	42697.83	43172.70	42987.43	0.59	ppb

LB Number :	LB98243	Operator :	Jaswal
Lab Sample ID :	J5041-07	Instrumnet Name :	P7
Client Sample ID :	S13-0250	Dilution Factor :	1
Date & Time Acquired ::	2018-09-28 17:54:04	DataFile Name :	037SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	22255.75	21962.55	22316.23	22178.18	0.85	ppb
Molybdenum	94-1	0.35	0.38	0.35	0.36	4.94	ppb
Molybdenum	95-1	0.87	0.90	0.76	0.84	8.92	ppb
Molybdenum	96-1	0.50	0.55	0.54	0.53	4.67	ppb
Molybdenum	97-1	0.37	0.35	0.39	0.37	5.38	ppb
Molybdenum	98-1	0.36	0.37	0.38	0.37	3.77	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	25.62	25.58	25.50	25.56	0.24	ppb
Phosphorus	31-2	6.52	-3.57	8.99	3.98	167.27	ppb
Potassium	39-2	3920.97	3882.17	3966.72	3923.28	1.08	ppb
Rhodium	103-1				72		%
Rhodium	103-2				69		%
Scandium	45-1				64		%
Scandium	45-2				58		%
Selenium	77-2	5.19	3.81	3.22	4.08	24.74	ppb
Selenium	78-2	-0.13	0.47	0.50	0.28	126.31	ppb
Selenium	82-1	-0.49	-0.44	-0.39	-0.44		ppb
Silicon	28-1	9789.23	9733.12	9536.34	9686.23	1.37	ppb
Silver	109-1	0.09	0.08	0.09	0.09	3.64	ppb
Silver	107-1	0.08	0.10	0.09	0.09	13.25	ppb
Sodium	23-2	152255.93	149975.74	152403.14	151544.94	0.90	ppb
Strontium	86-1	1103.74	1115.90	1103.74	1107.79	0.63	ppb
Strontium	88-1	1112.42	1125.94	1105.09	1114.48	0.95	ppb
Sulfur	34-1	1104.25	1055.53	1021.06	1060.28	3.94	ppb
Terbium	159-1				86		%
Terbium	159-2				78		%
Thallium	203-1	0.01	0.02	0.00	0.01	74.02	ppb
Thallium	205-1	0.01	0.00	0.00	0.00	178.45	ppb
Thorium	232-1	0.01	0.01	0.01	0.01	10.30	ppb
Tin	118-1	1.42	1.55	1.54	1.50	5.01	ppb
Titanium	47-1	0.98	0.95	0.94	0.96	2.34	ppb
Uranium	238-1	0.51	0.54	0.54	0.53	3.33	ppb
Vanadium	51-2	0.32	0.24	0.27	0.27	15.12	ppb
Yttrium	89-1				77		%
Yttrium	89-2				68		%

LB Number :	LB98243	Operator :	Jaswal
Lab Sample ID :	J5041-07	Instrumnet Name :	P7
Client Sample ID :	S13-0250	Dilution Factor :	1
Date & Time Acquired ::	2018-09-28 17:54:04	DataFile Name :	037SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zinc	66-2	14.54	14.62	13.69	14.28	3.63	ppb
Zirconium	90-1	0.08	0.07	0.09	0.08	10.48	ppb
Zirconium	91-1	0.14	0.06	0.10	0.10	38.91	ppb

LB Number :	LB98243	Operator :	Jaswal
Lab Sample ID :	J5041-08	Instrumnet Name :	P7
Client Sample ID :	S13-0249	Dilution Factor :	1
Date & Time Acquired ::	2018-09-28 17:57:42	DataFile Name :	038SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	15.30	12.97	14.05	14.11	8.26	ppb
Antimony	121-1	2.60	2.57	2.79	2.65	4.40	ppb
Arsenic	75-2	11.26	11.32	10.58	11.06	3.71	ppb
Barium	135-1	63.88	63.47	63.20	63.52	0.54	ppb
Barium	137-1	62.89	62.77	63.99	63.22	1.06	ppb
Beryllium	9-1	0.03	0.04	0.04	0.04	7.79	ppb
Bismuth	209-1				83		%
Bismuth	209-2				75		%
Boron	10-1	16.59	16.37	16.97	16.64	1.83	ppb
Boron	11-1	17.79	17.48	17.96	17.74	1.35	ppb
Cadmium	111-1	-0.19	-0.14	-0.12	-0.15		ppb
Cadmium	106-1	-3.04	-3.05	-2.28	-2.79		ppb
Cadmium	108-1	0.09	0.05	0.12	0.09	41.33	ppb
Calcium	43-1	144325.43	141486.89	145639.41	143817.24	1.48	ppb
Calcium	44-1	144706.94	142103.11	144855.29	143888.44	1.08	ppb
Chromium	52-2	1.40	1.20	1.29	1.30	7.70	ppb
Cobalt	59-2	2.57	2.61	2.62	2.60	0.88	ppb
Copper	63-2	5.44	5.64	5.56	5.55	1.87	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				87		%
Holmium	165-2				79		%
Indium	115-1				79		%
Indium	115-2				73		%
Iron	56-2	14025.67	13932.13	13699.26	13885.69	1.21	ppb
Iron	57-2	14251.51	14266.27	14121.72	14213.17	0.56	ppb
Krypton	83-1						cps
Lead	206-1	0.94	0.96	0.91	0.94	3.10	ppb
Lead	207-1	0.81	0.91	0.90	0.87	5.90	ppb
Lead	208-1	0.89	0.89	0.93	0.90	2.15	ppb
Lithium	6-1				67		%
Magnesium	24-2	63227.10	63187.42	62322.46	62912.33	0.81	ppb

LB Number :	LB98243	Operator :	Jaswal
Lab Sample ID :	J5041-08	Instrumnet Name :	P7
Client Sample ID :	S13-0249	Dilution Factor :	1
Date & Time Acquired ::	2018-09-28 17:57:42	DataFile Name :	038SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	768.85	771.20	757.88	765.98	0.93	ppb
Molybdenum	94-1	0.38	0.39	0.42	0.40	5.19	ppb
Molybdenum	95-1	0.38	0.40	0.33	0.37	8.97	ppb
Molybdenum	96-1	0.45	0.46	0.40	0.43	7.78	ppb
Molybdenum	97-1	0.33	0.30	0.36	0.33	8.94	ppb
Molybdenum	98-1	0.37	0.35	0.37	0.36	3.92	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	19.04	18.42	18.88	18.78	1.70	ppb
Phosphorus	31-2	-1.09	1.16	0.65	0.24	486.35	ppb
Potassium	39-2	5903.67	5902.11	5876.56	5894.11	0.26	ppb
Rhodium	103-1				72		%
Rhodium	103-2				71		%
Scandium	45-1				65		%
Scandium	45-2				59		%
Selenium	77-2	2.58	1.93	1.27	1.93	33.93	ppb
Selenium	78-2	-0.35	-0.35	-0.90	-0.53		ppb
Selenium	82-1	0.15	0.14	-0.03	0.09	116.94	ppb
Silicon	28-1	6214.78	6135.58	6192.92	6181.10	0.66	ppb
Silver	109-1	0.08	0.08	0.08	0.08	0.55	ppb
Silver	107-1	0.08	0.08	0.11	0.09	19.49	ppb
Sodium	23-2	69367.12	69110.56	68436.38	68971.35	0.70	ppb
Strontium	86-1	1058.81	1049.34	1059.57	1055.90	0.54	ppb
Strontium	88-1	1099.73	1085.41	1102.16	1095.76	0.83	ppb
Sulfur	34-1	9255.72	9073.30	9175.52	9168.18	1.00	ppb
Terbium	159-1				86		%
Terbium	159-2				78		%
Thallium	203-1	0.13	0.12	0.12	0.12	5.94	ppb
Thallium	205-1	0.12	0.13	0.12	0.12	6.41	ppb
Thorium	232-1	0.02	0.02	0.02	0.02	16.44	ppb
Tin	118-1	1.57	1.41	1.59	1.52	6.38	ppb
Titanium	47-1	0.86	1.14	1.16	1.05	16.21	ppb
Uranium	238-1	2.14	2.18	2.28	2.20	3.45	ppb
Vanadium	51-2	0.60	0.68	0.68	0.65	6.87	ppb
Yttrium	89-1				75		%
Yttrium	89-2				69		%

LB Number :	LB98243	Operator :	Jaswal
Lab Sample ID :	J5041-08	Instrumnet Name :	P7
Client Sample ID :	S13-0249	Dilution Factor :	1
Date & Time Acquired ::	2018-09-28 17:57:42	DataFile Name :	038SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zinc	66-2	10.01	9.59	9.42	9.67	3.17	ppb
Zirconium	90-1	0.11	0.12	0.13	0.12	9.72	ppb
Zirconium	91-1	0.14	0.14	0.15	0.14	6.52	ppb

LB Number :	LB98243	Operator :	Jaswal
Lab Sample ID :	J4968-06DLX5	Instrumnet Name :	P7
Client Sample ID :	SA-PZ182I-20180916DL	Dilution Factor :	5
Date & Time Acquired ::	2018-09-28 18:01:17	DataFile Name :	039SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	1.17	1.75	1.52	1.48	19.75	ppb
Antimony	121-1	0.78	0.77	0.78	0.77	0.88	ppb
Arsenic	75-2	1.42	1.57	1.65	1.55	7.57	ppb
Barium	135-1	4.01	3.94	4.00	3.98	0.97	ppb
Barium	137-1	4.03	4.09	3.75	3.95	4.60	ppb
Beryllium	9-1	0.02	0.03	0.04	0.03	32.75	ppb
Bismuth	209-1				97		%
Bismuth	209-2				88		%
Boron	10-1	8.08	7.00	8.79	7.96	11.38	ppb
Boron	11-1	8.07	8.12	7.98	8.05	0.88	ppb
Cadmium	111-1	-0.11	-0.11	-0.17	-0.13		ppb
Cadmium	106-1	-1.50	-1.58	-2.15	-1.75		ppb
Cadmium	108-1	0.14	0.01	0.01	0.06	134.62	ppb
Calcium	43-1	1547.42	1536.28	1570.06	1551.25	1.11	ppb
Calcium	44-1	1575.90	1587.80	1581.40	1581.70	0.38	ppb
Chromium	52-2	0.25	0.20	0.26	0.24	12.31	ppb
Cobalt	59-2	1.02	0.93	0.96	0.97	5.06	ppb
Copper	63-2	2.18	2.32	2.15	2.22	3.97	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				96		%
Holmium	165-2				86		%
Indium	115-1				89		%
Indium	115-2				81		%
Iron	56-2	550.27	554.95	551.65	552.29	0.44	ppb
Iron	57-2	591.05	576.98	597.72	588.59	1.80	ppb
Krypton	83-1						cps
Lead	206-1	0.03	0.05	0.04	0.04	25.26	ppb
Lead	207-1	0.03	0.04	0.05	0.04	15.47	ppb
Lead	208-1	0.03	0.04	0.04	0.04	16.12	ppb
Lithium	6-1				68		%
Magnesium	24-2	729.49	732.02	732.98	731.50	0.25	ppb

LB Number :	LB98243	Operator :	Jaswal
Lab Sample ID :	J4968-06DLX5	Instrumnet Name :	P7
Client Sample ID :	SA-PZ182I-20180916DL	Dilution Factor :	5
Date & Time Acquired ::	2018-09-28 18:01:17	DataFile Name :	039SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	326.08	332.63	332.28	330.33	1.12	ppb
Molybdenum	94-1	0.01	0.01	0.02	0.01	34.74	ppb
Molybdenum	95-1	0.09	0.09	0.07	0.08	12.03	ppb
Molybdenum	96-1	0.05	0.06	0.07	0.06	16.75	ppb
Molybdenum	97-1	0.05	0.05	0.05	0.05	4.49	ppb
Molybdenum	98-1	0.05	0.06	0.06	0.06	15.79	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.52	0.57	0.58	0.56	5.67	ppb
Phosphorus	31-2	-6.23	-10.22	-1.77	-6.08		ppb
Potassium	39-2	220.01	222.94	222.99	221.98	0.77	ppb
Rhodium	103-1				86		%
Rhodium	103-2				85		%
Scandium	45-1				74		%
Scandium	45-2				66		%
Selenium	77-2	1.73	1.16	0.00	0.96	91.55	ppb
Selenium	78-2	-0.32	-0.12	-0.03	-0.16		ppb
Selenium	82-1	-0.54	0.04	-0.28	-0.26		ppb
Silicon	28-1	729.56	734.73	739.27	734.52	0.66	ppb
Silver	109-1	0.04	0.04	0.03	0.04	17.72	ppb
Silver	107-1	0.04	0.05	0.03	0.04	25.14	ppb
Sodium	23-2	1432.30	1461.41	1437.83	1443.85	1.07	ppb
Strontium	86-1	9.60	9.78	9.74	9.71	0.93	ppb
Strontium	88-1	9.51	9.79	9.67	9.66	1.49	ppb
Sulfur	34-1	775.53	760.21	717.80	751.18	3.98	ppb
Terbium	159-1				94		%
Terbium	159-2				85		%
Thallium	203-1	0.01	0.01	0.02	0.01	47.28	ppb
Thallium	205-1	0.01	0.00	0.00	0.00	32.41	ppb
Thorium	232-1	0.00	0.00	0.00	0.00	85.65	ppb
Tin	118-1	0.12	0.19	0.15	0.15	23.32	ppb
Titanium	47-1	0.08	0.12	0.15	0.12	31.29	ppb
Uranium	238-1	0.01	0.00	0.00	0.00	42.46	ppb
Vanadium	51-2	0.15	0.14	0.15	0.15	6.46	ppb
Yttrium	89-1				85		%
Yttrium	89-2				76		%

LB Number :	LB98243	Operator :	Jaswal
Lab Sample ID :	J4968-06DLX5	Instrumnet Name :	P7
Client Sample ID :	SA-PZ182I-20180916DL	Dilution Factor :	5
Date & Time Acquired ::	2018-09-28 18:01:17	DataFile Name :	039SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zinc	66-2	1.60	1.58	1.55	1.58	1.67	ppb
Zirconium	90-1	0.00	0.00	0.00	0.00	29.05	ppb
Zirconium	91-1	-0.01	-0.02	0.01	-0.01		ppb

LB Number : LB98243 Operator : Jaswal
 Lab Sample ID : J4968-06DUPDLX5 Instrumnet Name : P7
 Client Sample ID : SA-PZ182I-20180916DU Dilution Factor : 5
 Date & Time Acquired :: 2018-09-28 18:04:51 DataFile Name : 040SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	0.41	0.40	1.84	0.88	93.41	ppb
Antimony	121-1	0.69	0.62	0.64	0.65	5.58	ppb
Arsenic	75-2	1.51	1.34	1.43	1.43	5.70	ppb
Barium	135-1	3.84	3.80	4.23	3.96	5.98	ppb
Barium	137-1	4.12	3.95	4.19	4.09	3.03	ppb
Beryllium	9-1	0.04	0.02	0.02	0.03	37.14	ppb
Bismuth	209-1				94		%
Bismuth	209-2				87		%
Boron	10-1	7.10	6.83	7.41	7.12	4.08	ppb
Boron	11-1	7.20	7.11	6.89	7.07	2.26	ppb
Cadmium	111-1	-0.06	-0.13	-0.17	-0.12		ppb
Cadmium	106-1	-0.71	-1.82	-2.25	-1.59		ppb
Cadmium	108-1	0.05	0.01	0.01	0.02	79.94	ppb
Calcium	43-1	1587.60	1593.02	1530.67	1570.43	2.20	ppb
Calcium	44-1	1625.95	1630.25	1607.37	1621.19	0.75	ppb
Chromium	52-2	0.21	0.20	0.16	0.19	16.37	ppb
Cobalt	59-2	0.96	0.98	0.95	0.97	1.57	ppb
Copper	63-2	2.05	2.03	2.00	2.03	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				93		%
Holmium	165-2				85		%
Indium	115-1				87		%
Indium	115-2				80		%
Iron	56-2	543.83	539.82	545.07	542.91	0.51	ppb
Iron	57-2	566.68	570.36	565.87	567.64	0.42	ppb
Krypton	83-1						cps
Lead	206-1	0.00	-0.01	0.00	0.00		ppb
Lead	207-1	-0.01	0.01	-0.01	-0.01		ppb
Lead	208-1	0.00	0.00	-0.01	0.00		ppb
Lithium	6-1				68		%
Magnesium	24-2	744.38	741.34	756.61	747.45	1.08	ppb

LB Number :	LB98243	Operator :	Jaswal
Lab Sample ID :	J4968-06DUPDLX5	Instrumnet Name :	P7
Client Sample ID :	SA-PZ182I-20180916DU	Dilution Factor :	5
Date & Time Acquired ::	2018-09-28 18:04:51	DataFile Name :	040SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	335.41	331.12	336.01	334.18	0.80	ppb
Molybdenum	94-1	0.03	0.04	-0.02	0.02	182.20	ppb
Molybdenum	95-1	0.07	0.07	0.07	0.07	2.53	ppb
Molybdenum	96-1	0.05	0.05	0.05	0.05	8.26	ppb
Molybdenum	97-1	0.08	0.05	0.06	0.06	22.83	ppb
Molybdenum	98-1	0.06	0.04	0.09	0.06	33.33	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.45	0.52	0.56	0.51	11.15	ppb
Phosphorus	31-2	6.69	-4.13	10.81	4.45	173.25	ppb
Potassium	39-2	235.36	223.24	229.71	229.44	2.64	ppb
Rhodium	103-1				84		%
Rhodium	103-2				85		%
Scandium	45-1				73		%
Scandium	45-2				66		%
Selenium	77-2	0.00	1.17	1.16	0.78	86.61	ppb
Selenium	78-2	-0.50	0.09	-0.60	-0.34		ppb
Selenium	82-1	-0.30	-0.07	-0.01	-0.13		ppb
Silicon	28-1	757.45	759.07	757.74	758.09	0.11	ppb
Silver	109-1	0.04	0.04	0.05	0.04	12.93	ppb
Silver	107-1	0.04	0.04	0.05	0.04	12.53	ppb
Sodium	23-2	1459.94	1463.27	1448.26	1457.16	0.54	ppb
Strontium	86-1	9.74	9.57	9.55	9.62	1.09	ppb
Strontium	88-1	9.74	9.70	9.67	9.70	0.35	ppb
Sulfur	34-1	743.13	726.43	735.89	735.15	1.14	ppb
Terbium	159-1				92		%
Terbium	159-2				85		%
Thallium	203-1	0.00	0.01	0.01	0.01	43.41	ppb
Thallium	205-1	0.00	0.00	0.00	0.00	217.14	ppb
Thorium	232-1	0.00	0.00	0.00	0.00	379.51	ppb
Tin	118-1	0.11	0.11	0.10	0.11	6.59	ppb
Titanium	47-1	0.12	0.12	0.09	0.11	14.14	ppb
Uranium	238-1	0.00	0.00	0.00	0.00	455.62	ppb
Vanadium	51-2	0.12	0.15	0.14	0.14	8.31	ppb
Yttrium	89-1				83		%
Yttrium	89-2				76		%

LB Number :	LB98243	Operator :	Jaswal
Lab Sample ID :	J4968-06DUPDLX5	Instrumnet Name :	P7
Client Sample ID :	SA-PZ182I-20180916DU	Dilution Factor :	5
Date & Time Acquired ::	2018-09-28 18:04:51	DataFile Name :	040SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zinc	66-2	1.24	0.88	1.09	1.07	16.92	ppb
Zirconium	90-1	0.01	0.00	0.01	0.01	83.74	ppb
Zirconium	91-1	-0.01	0.03	-0.02	0.00		ppb

LB Number :	LB98243	Operator :	Jaswal
Lab Sample ID :	CCV15	Instrumnet Name :	P7
Client Sample ID :	CCV15	Dilution Factor :	1
Date & Time Acquired ::	2018-09-28 18:08:24	DataFile Name :	041CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	48163.83	47604.61	47993.70	47920.71	0.60	ppb
Antimony	121-1	465.19	463.27	475.16	467.87	1.36	ppb
Arsenic	75-2	463.64	463.40	462.98	463.34	0.07	ppb
Barium	135-1	2557.64	2536.14	2595.24	2563.00	1.17	ppb
Barium	137-1	2555.28	2521.77	2570.93	2549.33	0.99	ppb
Beryllium	9-1	506.48	509.91	516.02	510.80	0.95	ppb
Bismuth	209-1				78		%
Bismuth	209-2				73		%
Boron	10-1	499.00	512.86	534.38	515.42	3.46	ppb
Boron	11-1	510.65	524.11	539.43	524.73	2.74	ppb
Cadmium	111-1	469.85	464.62	477.99	470.82	1.43	ppb
Cadmium	106-1	456.58	467.55	471.95	465.36	1.70	ppb
Cadmium	108-1	461.32	467.84	476.39	468.51	1.61	ppb
Calcium	43-1	241448.30	238450.71	242249.61	240716.21	0.83	ppb
Calcium	44-1	240050.32	238503.79	242799.05	240451.06	0.90	ppb
Chromium	52-2	542.02	532.52	536.72	537.09	0.89	ppb
Cobalt	59-2	512.67	505.88	509.14	509.23	0.67	ppb
Copper	63-2	1000.08	990.42	998.18	996.22	0.51	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				87		%
Holmium	165-2				82		%
Indium	115-1				75		%
Indium	115-2				75		%
Iron	56-2	131395.46	129451.19	129497.51	130114.72	0.85	ppb
Iron	57-2	131920.64	129263.52	129932.16	130372.11	1.06	ppb
Krypton	83-1						cps
Lead	206-1	533.39	529.38	543.06	535.27	1.31	ppb
Lead	207-1	531.94	528.36	540.12	533.47	1.13	ppb
Lead	208-1	533.50	527.21	539.66	533.46	1.17	ppb
Lithium	6-1				64		%
Magnesium	24-2	230649.91	226662.35	227665.37	228325.88	0.91	ppb

LB Number :	LB98243	Operator :	Jaswal
Lab Sample ID :	CCV15	Instrumnet Name :	P7
Client Sample ID :	CCV15	Dilution Factor :	1
Date & Time Acquired ::	2018-09-28 18:08:24	DataFile Name :	041CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	1019.96	1008.80	1020.30	1016.35	0.64	ppb
Molybdenum	94-1	2654.46	2636.70	2659.85	2650.34	0.46	ppb
Molybdenum	95-1	2657.31	2655.78	2661.40	2658.16	0.11	ppb
Molybdenum	96-1	2667.71	2660.40	2692.55	2673.55	0.63	ppb
Molybdenum	97-1	2656.39	2639.45	2672.11	2655.99	0.62	ppb
Molybdenum	98-1	2671.47	2631.37	2667.90	2656.91	0.84	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	529.79	521.32	524.21	525.11	0.82	ppb
Phosphorus	31-2	9290.06	9198.23	9097.28	9195.19	1.05	ppb
Potassium	39-2	116343.27	115433.31	115842.06	115872.88	0.39	ppb
Rhodium	103-1				70		%
Rhodium	103-2				71		%
Scandium	45-1				70		%
Scandium	45-2				68		%
Selenium	77-2	452.38	455.10	467.86	458.45	1.80	ppb
Selenium	78-2	441.72	420.41	438.76	433.63	2.66	ppb
Selenium	82-1	462.63	459.75	471.89	464.76	1.36	ppb
Silicon	28-1	533.41	539.63	560.68	544.57	2.62	ppb
Silver	109-1	513.84	505.35	516.91	512.03	1.17	ppb
Silver	107-1	507.02	505.96	513.54	508.84	0.81	ppb
Sodium	23-2	233474.78	229296.51	230084.23	230951.84	0.96	ppb
Strontium	86-1	510.95	513.21	521.04	515.07	1.03	ppb
Strontium	88-1	520.36	519.21	527.21	522.26	0.83	ppb
Sulfur	34-1	9978.37	9884.25	10075.02	9979.21	0.96	ppb
Terbium	159-1				86		%
Terbium	159-2				81		%
Thallium	203-1	533.14	530.38	542.86	535.46	1.22	ppb
Thallium	205-1	532.41	529.19	543.68	535.09	1.42	ppb
Thorium	232-1	549.83	546.85	555.40	550.70	0.79	ppb
Tin	118-1	502.57	496.31	507.50	502.12	1.12	ppb
Titanium	47-1	2611.66	2577.26	2630.99	2606.64	1.04	ppb
Uranium	238-1	550.87	546.31	556.45	551.21	0.92	ppb
Vanadium	51-2	527.72	522.29	523.24	524.42	0.55	ppb
Yttrium	89-1				77		%
Yttrium	89-2				74		%

LB Number :	LB98243	Operator :	Jaswal
Lab Sample ID :	CCV15	Instrumnet Name :	P7
Client Sample ID :	CCV15	Dilution Factor :	1
Date & Time Acquired ::	2018-09-28 18:08:24	DataFile Name :	041CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zinc	66-2	753.20	743.42	751.15	749.26	0.69	ppb
Zirconium	90-1	528.01	521.88	530.95	526.95	0.88	ppb
Zirconium	91-1	519.91	515.56	524.44	519.97	0.85	ppb

LB Number :	LB98243	Operator :	Jaswal
Lab Sample ID :	CCB15	Instrumnet Name :	P7
Client Sample ID :	CCB15	Dilution Factor :	1
Date & Time Acquired ::	2018-09-28 18:14:33	DataFile Name :	042CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	2.05	1.82	0.84	1.57	41.11	ppb
Antimony	121-1	0.10	0.11	0.14	0.12	19.02	ppb
Arsenic	75-2	0.01	0.04	0.00	0.01	150.28	ppb
Barium	135-1	0.04	0.05	0.07	0.05	26.72	ppb
Barium	137-1	0.07	0.05	0.07	0.06	17.12	ppb
Beryllium	9-1	0.04	0.03	0.03	0.04	7.27	ppb
Bismuth	209-1				97		%
Bismuth	209-2				86		%
Boron	10-1	11.62	11.11	11.32	11.35	2.26	ppb
Boron	11-1	11.52	11.49	10.93	11.31	2.96	ppb
Cadmium	111-1	0.00	-0.15	-0.18	-0.11		ppb
Cadmium	106-1	-0.41	-2.24	-2.46	-1.70		ppb
Cadmium	108-1	0.01	0.05	0.01	0.02	84.00	ppb
Calcium	43-1	12.10	12.05	12.89	12.35	3.79	ppb
Calcium	44-1	8.62	9.95	9.84	9.47	7.79	ppb
Chromium	52-2	0.05	0.03	0.01	0.03	65.39	ppb
Cobalt	59-2	0.01	0.00	0.01	0.01	124.64	ppb
Copper	63-2	1.59	1.51	1.48	1.53	3.70	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				96		%
Holmium	165-2				85		%
Indium	115-1				91		%
Indium	115-2				81		%
Iron	56-2	4.76	4.07	4.33	4.38	8.02	ppb
Iron	57-2	4.47	5.44	3.28	4.40	24.67	ppb
Krypton	83-1						cps
Lead	206-1	0.00	-0.01	0.01	0.00		ppb
Lead	207-1	0.01	-0.01	0.00	0.00	1831.28	ppb
Lead	208-1	0.00	-0.01	0.00	0.00		ppb
Lithium	6-1				76		%
Magnesium	24-2	7.87	8.29	8.20	8.12	2.71	ppb

LB Number :	LB98243	Operator :	Jaswal
Lab Sample ID :	CCB15	Instrumnet Name :	P7
Client Sample ID :	CCB15	Dilution Factor :	1
Date & Time Acquired ::	2018-09-28 18:14:33	DataFile Name :	042CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	0.07	0.07	0.10	0.08	18.31	ppb
Molybdenum	94-1	0.11	0.10	0.10	0.10	6.60	ppb
Molybdenum	95-1	0.15	0.12	0.10	0.12	18.33	ppb
Molybdenum	96-1	0.13	0.14	0.14	0.14	2.43	ppb
Molybdenum	97-1	0.15	0.13	0.11	0.13	15.31	ppb
Molybdenum	98-1	0.16	0.15	0.12	0.14	16.56	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.02	0.03	0.02	0.02	31.03	ppb
Phosphorus	31-2	-8.26	-7.79	-19.29	-11.78		ppb
Potassium	39-2	10.64	7.92	5.40	7.99	32.86	ppb
Rhodium	103-1				90		%
Rhodium	103-2				86		%
Scandium	45-1				81		%
Scandium	45-2				70		%
Selenium	77-2	0.00	0.00	0.00	0.00	N/A	ppb
Selenium	78-2	-0.35	-0.20	-0.47	-0.34		ppb
Selenium	82-1	0.13	0.14	-0.24	0.01	1827.65	ppb
Silicon	28-1	-4.39	-3.88	-3.99	-4.09		ppb
Silver	109-1	0.05	0.05	0.06	0.05	9.22	ppb
Silver	107-1	0.06	0.08	0.06	0.07	14.72	ppb
Sodium	23-2	29.68	27.21	26.43	27.77	6.12	ppb
Strontium	86-1	0.03	0.05	0.02	0.03	46.46	ppb
Strontium	88-1	0.03	0.03	0.03	0.03	13.01	ppb
Sulfur	34-1	-503.37	-442.83	-391.57	-445.93		ppb
Terbium	159-1				95		%
Terbium	159-2				84		%
Thallium	203-1	0.04	0.04	0.03	0.04	18.81	ppb
Thallium	205-1	0.04	0.04	0.04	0.04	8.04	ppb
Thorium	232-1	0.04	0.03	0.04	0.04	9.97	ppb
Tin	118-1	0.04	0.06	0.06	0.05	26.18	ppb
Titanium	47-1	0.16	0.06	0.09	0.11	47.49	ppb
Uranium	238-1	0.01	0.01	0.00	0.01	35.99	ppb
Vanadium	51-2	0.03	0.02	0.03	0.03	16.08	ppb
Yttrium	89-1				89		%
Yttrium	89-2				77		%

LB Number :	LB98243	Operator :	Jaswal
Lab Sample ID :	CCB15	Instrumnet Name :	P7
Client Sample ID :	CCB15	Dilution Factor :	1
Date & Time Acquired ::	2018-09-28 18:14:33	DataFile Name :	042CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zinc	66-2	0.64	0.34	0.59	0.52	30.98	ppb
Zirconium	90-1	0.02	0.02	0.02	0.02	22.71	ppb
Zirconium	91-1	0.01	0.00	0.01	0.01	114.83	ppb

LB Number :	LB98243	Operator :	Jaswal
Lab Sample ID :	J4968-06LDLX25	Instrumnet Name :	P7
Client Sample ID :	SA-PZ182I-20180916LDI	Dilution Factor :	25
Date & Time Acquired ::	2018-09-28 18:18:07	DataFile Name :	043SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	0.22	-0.48	0.41	0.05	991.08	ppb
Antimony	121-1	0.23	0.25	0.24	0.24	4.14	ppb
Arsenic	75-2	0.22	0.37	0.24	0.28	28.04	ppb
Barium	135-1	0.87	0.82	0.72	0.80	9.31	ppb
Barium	137-1	0.79	0.80	0.75	0.78	3.80	ppb
Beryllium	9-1	0.04	0.04	0.01	0.03	61.43	ppb
Bismuth	209-1				92		%
Bismuth	209-2				87		%
Boron	10-1	7.49	8.06	8.16	7.90	4.54	ppb
Boron	11-1	7.72	7.41	7.80	7.64	2.71	ppb
Cadmium	111-1	-0.05	0.04	-0.09	-0.03		ppb
Cadmium	106-1	-0.84	0.22	-1.25	-0.62		ppb
Cadmium	108-1	-0.02	0.08	0.01	0.03	209.59	ppb
Calcium	43-1	317.98	314.43	309.55	313.99	1.35	ppb
Calcium	44-1	312.55	315.37	317.44	315.12	0.78	ppb
Chromium	52-2	0.07	0.11	0.07	0.09	29.20	ppb
Cobalt	59-2	0.17	0.19	0.19	0.18	6.99	ppb
Copper	63-2	1.43	1.44	1.41	1.43	0.92	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				91		%
Holmium	165-2				87		%
Indium	115-1				88		%
Indium	115-2				83		%
Iron	56-2	105.47	104.27	105.54	105.09	0.68	ppb
Iron	57-2	108.94	109.97	104.27	107.73	2.82	ppb
Krypton	83-1						cps
Lead	206-1	0.00	0.01	0.00	0.01	170.21	ppb
Lead	207-1	0.00	0.00	0.01	0.00	129.46	ppb
Lead	208-1	0.00	0.00	0.00	0.00	20.30	ppb
Lithium	6-1				75		%
Magnesium	24-2	146.87	146.17	144.05	145.70	1.01	ppb

LB Number : LB98243 Operator : Jaswal
 Lab Sample ID : J4968-06LDLX25 Instrumnet Name : P7
 Client Sample ID : SA-PZ182I-20180916LDI Dilution Factor : 25
 Date & Time Acquired :: 2018-09-28 18:18:07 DataFile Name : 043SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	63.51	64.48	63.58	63.85	0.85	ppb
Molybdenum	94-1	0.00	0.01	0.03	0.01	158.73	ppb
Molybdenum	95-1	0.07	0.07	0.06	0.07	9.58	ppb
Molybdenum	96-1	0.03	0.05	0.02	0.03	38.49	ppb
Molybdenum	97-1	0.04	0.03	0.05	0.04	21.06	ppb
Molybdenum	98-1	0.05	0.07	0.04	0.05	22.65	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.10	0.08	0.09	0.09	12.34	ppb
Phosphorus	31-2	-2.18	-7.85	-4.26	-4.76		ppb
Potassium	39-2	50.03	50.04	50.32	50.13	0.33	ppb
Rhodium	103-1				87		%
Rhodium	103-2				89		%
Scandium	45-1				79		%
Scandium	45-2				73		%
Selenium	77-2	0.00	1.11	0.55	0.55	100.35	ppb
Selenium	78-2	0.27	-0.75	-0.75	-0.41		ppb
Selenium	82-1	0.02	0.23	-0.29	-0.01		ppb
Silicon	28-1	148.30	149.21	150.29	149.27	0.67	ppb
Silver	109-1	0.03	0.04	0.04	0.04	23.27	ppb
Silver	107-1	0.04	0.04	0.04	0.04	2.19	ppb
Sodium	23-2	298.55	306.47	301.50	302.18	1.32	ppb
Strontium	86-1	1.85	1.79	1.87	1.84	2.04	ppb
Strontium	88-1	1.90	1.93	1.87	1.90	1.60	ppb
Sulfur	34-1	-60.01	16.50	-48.98	-30.83		ppb
Terbium	159-1				91		%
Terbium	159-2				87		%
Thallium	203-1	0.05	0.04	0.03	0.04	36.83	ppb
Thallium	205-1	0.04	0.03	0.03	0.04	9.48	ppb
Thorium	232-1	0.03	0.02	0.03	0.03	7.51	ppb
Tin	118-1	0.04	0.05	0.01	0.03	68.30	ppb
Titanium	47-1	0.10	0.08	0.03	0.07	47.77	ppb
Uranium	238-1	0.00	0.00	0.00	0.00		ppb
Vanadium	51-2	0.04	0.04	0.02	0.03	29.12	ppb
Yttrium	89-1				85		%
Yttrium	89-2				80		%

LB Number :	LB98243	Operator :	Jaswal
Lab Sample ID :	J4968-06LDLX25	Instrumnet Name :	P7
Client Sample ID :	SA-PZ182I-20180916LDI	Dilution Factor :	25
Date & Time Acquired ::	2018-09-28 18:18:07	DataFile Name :	043SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zinc	66-2	0.24	0.31	0.21	0.25	19.96	ppb
Zirconium	90-1	0.04	0.02	0.01	0.02	55.86	ppb
Zirconium	91-1	0.03	0.02	-0.01	0.01	146.11	ppb

LB Number :	LB98243	Operator :	Jaswal
Lab Sample ID :	J4968-07DLX5	Instrumnet Name :	P7
Client Sample ID :	SA-PZ182I-20180916MS	Dilution Factor :	5
Date & Time Acquired ::	2018-09-28 18:21:41	DataFile Name :	044SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	1823.43	1694.83	1722.84	1747.03	3.87	ppb
Antimony	121-1	98.56	98.88	99.46	98.97	0.46	ppb
Arsenic	75-2	101.73	98.95	97.03	99.24	2.38	ppb
Barium	135-1	476.95	478.45	484.08	479.83	0.78	ppb
Barium	137-1	474.29	473.44	479.61	475.78	0.70	ppb
Beryllium	9-1	99.45	98.61	98.93	99.00	0.43	ppb
Bismuth	209-1				90		%
Bismuth	209-2				83		%
Boron	10-1	93.56	96.13	96.61	95.43	1.72	ppb
Boron	11-1	94.48	97.18	99.64	97.10	2.65	ppb
Cadmium	111-1	104.61	104.52	105.12	104.75	0.31	ppb
Cadmium	106-1	100.15	101.71	97.15	99.67	2.32	ppb
Cadmium	108-1	100.40	100.47	102.10	100.99	0.95	ppb
Calcium	43-1	10576.38	10677.36	10686.51	10646.75	0.57	ppb
Calcium	44-1	10455.03	10546.68	10591.01	10530.91	0.66	ppb
Chromium	52-2	107.47	102.22	101.79	103.83	3.04	ppb
Cobalt	59-2	112.35	107.75	106.72	108.94	2.75	ppb
Copper	63-2	233.75	221.72	221.34	225.60	3.13	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				90		%
Holmium	165-2				83		%
Indium	115-1				86		%
Indium	115-2				79		%
Iron	56-2	6053.99	5719.81	5712.84	5828.88	3.35	ppb
Iron	57-2	6102.50	5828.51	5797.86	5909.62	2.84	ppb
Krypton	83-1						cps
Lead	206-1	93.84	95.34	95.87	95.02	1.11	ppb
Lead	207-1	91.57	91.78	92.64	92.00	0.62	ppb
Lead	208-1	92.49	93.54	94.19	93.41	0.92	ppb
Lithium	6-1				73		%
Magnesium	24-2	10166.26	9644.38	9611.09	9807.24	3.17	ppb

LB Number :	LB98243	Operator :	Jaswal
Lab Sample ID :	J4968-07DLX5	Instrumnet Name :	P7
Client Sample ID :	SA-PZ182I-20180916MS	Dilution Factor :	5
Date & Time Acquired ::	2018-09-28 18:21:41	DataFile Name :	044SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	545.10	516.39	520.36	527.28	2.95	ppb
Molybdenum	94-1	474.30	476.79	479.57	476.89	0.55	ppb
Molybdenum	95-1	477.90	479.16	479.23	478.76	0.16	ppb
Molybdenum	96-1	475.39	478.55	479.60	477.85	0.46	ppb
Molybdenum	97-1	475.95	482.67	481.54	480.06	0.75	ppb
Molybdenum	98-1	476.87	483.70	478.45	479.67	0.75	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	116.14	109.90	110.28	112.11	3.12	ppb
Phosphorus	31-2	2.80	1.55	1.45	1.93	38.96	ppb
Potassium	39-2	4909.84	4600.15	4619.81	4709.94	3.68	ppb
Rhodium	103-1				83		%
Rhodium	103-2				82		%
Scandium	45-1				76		%
Scandium	45-2				67		%
Selenium	77-2	95.77	114.98	95.72	102.16	10.87	ppb
Selenium	78-2	102.80	100.46	99.97	101.08	1.50	ppb
Selenium	82-1	101.50	103.46	103.65	102.87	1.15	ppb
Silicon	28-1	839.03	847.59	843.94	843.52	0.51	ppb
Silver	109-1	103.35	104.62	105.28	104.42	0.94	ppb
Silver	107-1	101.63	103.12	103.28	102.67	0.89	ppb
Sodium	23-2	10831.00	10246.74	10129.17	10402.30	3.61	ppb
Strontium	86-1	106.44	108.35	107.46	107.42	0.89	ppb
Strontium	88-1	104.36	103.80	104.43	104.20	0.33	ppb
Sulfur	34-1	910.13	877.62	854.39	880.71	3.18	ppb
Terbium	159-1				90		%
Terbium	159-2				83		%
Thallium	203-1	91.62	92.06	93.41	92.36	1.01	ppb
Thallium	205-1	91.12	92.04	93.24	92.13	1.16	ppb
Thorium	232-1	0.05	0.05	0.05	0.05	5.13	ppb
Tin	118-1	94.39	94.45	96.51	95.12	1.27	ppb
Titanium	47-1	465.69	474.30	475.75	471.91	1.15	ppb
Uranium	238-1	92.27	93.33	93.77	93.12	0.83	ppb
Vanadium	51-2	105.73	100.54	99.38	101.88	3.32	ppb
Yttrium	89-1				83		%
Yttrium	89-2				76		%

LB Number :	LB98243	Operator :	Jaswal
Lab Sample ID :	J4968-07DLX5	Instrumnet Name :	P7
Client Sample ID :	SA-PZ182I-20180916MS	Dilution Factor :	5
Date & Time Acquired ::	2018-09-28 18:21:41	DataFile Name :	044SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zinc	66-2	183.57	174.69	172.51	176.92	3.31	ppb
Zirconium	90-1	92.76	94.05	94.46	93.76	0.95	ppb
Zirconium	91-1	96.65	97.98	97.33	97.32	0.69	ppb

LB Number :	LB98243	Operator :	Jaswal
Lab Sample ID :	J4968-08DLX5	Instrumnet Name :	P7
Client Sample ID :	SA-PZ182I-20180916MS	Dilution Factor :	5
Date & Time Acquired ::	2018-09-28 18:25:15	DataFile Name :	045SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	1686.13	1699.88	1705.24	1697.08	0.58	ppb
Antimony	121-1	100.88	97.76	99.06	99.23	1.58	ppb
Arsenic	75-2	97.05	96.30	95.93	96.43	0.59	ppb
Barium	135-1	491.60	477.97	480.33	483.30	1.51	ppb
Barium	137-1	487.03	478.60	479.79	481.81	0.95	ppb
Beryllium	9-1	100.80	97.85	99.04	99.23	1.49	ppb
Bismuth	209-1				89		%
Bismuth	209-2				84		%
Boron	10-1	102.75	101.94	101.68	102.13	0.55	ppb
Boron	11-1	103.06	102.74	107.77	104.53	2.69	ppb
Cadmium	111-1	107.25	104.39	105.93	105.85	1.35	ppb
Cadmium	106-1	104.07	97.01	99.65	100.24	3.56	ppb
Cadmium	108-1	105.64	99.60	101.71	102.32	3.00	ppb
Calcium	43-1	11241.67	11099.88	10938.47	11093.34	1.37	ppb
Calcium	44-1	10987.75	10682.46	10783.01	10817.74	1.44	ppb
Chromium	52-2	101.40	101.23	100.90	101.17	0.25	ppb
Cobalt	59-2	106.69	106.12	106.81	106.54	0.35	ppb
Copper	63-2	221.70	220.87	220.52	221.03	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				90		%
Holmium	165-2				85		%
Indium	115-1				83		%
Indium	115-2				80		%
Iron	56-2	5688.76	5647.59	5644.77	5660.37	0.44	ppb
Iron	57-2	5806.57	5695.70	5764.99	5755.75	0.97	ppb
Krypton	83-1						cps
Lead	206-1	100.48	98.54	98.68	99.23	1.09	ppb
Lead	207-1	96.28	94.50	94.16	94.98	1.20	ppb
Lead	208-1	98.03	95.95	96.28	96.75	1.15	ppb
Lithium	6-1				70		%
Magnesium	24-2	9691.38	9623.82	9570.37	9628.52	0.63	ppb

LB Number :	LB98243	Operator :	Jaswal
Lab Sample ID :	J4968-08DLX5	Instrumnet Name :	P7
Client Sample ID :	SA-PZ182I-20180916MS	Dilution Factor :	5
Date & Time Acquired ::	2018-09-28 18:25:15	DataFile Name :	045SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	516.42	511.38	511.08	512.96	0.58	ppb
Molybdenum	94-1	495.51	482.29	487.27	488.36	1.37	ppb
Molybdenum	95-1	497.39	480.91	490.24	489.51	1.69	ppb
Molybdenum	96-1	496.78	481.81	493.86	490.82	1.62	ppb
Molybdenum	97-1	497.21	485.80	491.99	491.67	1.16	ppb
Molybdenum	98-1	494.24	480.00	486.58	486.94	1.46	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	110.93	109.75	110.23	110.30	0.54	ppb
Phosphorus	31-2	-4.14	-4.34	-6.29	-4.93		ppb
Potassium	39-2	4598.85	4585.23	4598.92	4594.33	0.17	ppb
Rhodium	103-1				81		%
Rhodium	103-2				82		%
Scandium	45-1				72		%
Scandium	45-2				67		%
Selenium	77-2	89.92	97.82	100.12	95.95	5.57	ppb
Selenium	78-2	93.84	97.43	91.34	94.20	3.25	ppb
Selenium	82-1	104.73	102.55	105.16	104.15	1.34	ppb
Silicon	28-1	867.19	841.92	847.50	852.20	1.56	ppb
Silver	109-1	107.42	104.42	104.52	105.45	1.62	ppb
Silver	107-1	104.72	103.11	103.98	103.93	0.77	ppb
Sodium	23-2	10154.32	10144.31	10103.52	10134.05	0.27	ppb
Strontium	86-1	109.44	107.95	109.33	108.91	0.76	ppb
Strontium	88-1	108.55	104.80	106.12	106.49	1.79	ppb
Sulfur	34-1	974.64	734.53	781.62	830.26	15.32	ppb
Terbium	159-1				89		%
Terbium	159-2				84		%
Thallium	203-1	97.79	96.16	96.02	96.66	1.01	ppb
Thallium	205-1	98.49	95.42	96.03	96.65	1.68	ppb
Thorium	232-1	0.03	0.03	0.03	0.03	4.55	ppb
Tin	118-1	97.99	94.07	94.81	95.62	2.18	ppb
Titanium	47-1	488.49	476.15	481.95	482.20	1.28	ppb
Uranium	238-1	95.46	93.00	92.85	93.77	1.56	ppb
Vanadium	51-2	100.19	98.17	99.62	99.32	1.05	ppb
Yttrium	89-1				81		%
Yttrium	89-2				76		%

LB Number :	LB98243	Operator :	Jaswal
Lab Sample ID :	J4968-08DLX5	Instrumnet Name :	P7
Client Sample ID :	SA-PZ182I-20180916MS	Dilution Factor :	5
Date & Time Acquired ::	2018-09-28 18:25:15	DataFile Name :	045SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zinc	66-2	170.89	171.82	172.50	171.74	0.47	ppb
Zirconium	90-1	97.16	95.07	95.93	96.06	1.09	ppb
Zirconium	91-1	100.61	97.07	100.79	99.49	2.10	ppb

LB Number : LB98243 Operator : Jaswal
 Lab Sample ID : J4968-06ADLX5 Instrumnet Name : P7
 Client Sample ID : SA-PZ182I-20180916ADL Dilution Factor : 5
 Date & Time Acquired :: 2018-09-28 18:28:50 DataFile Name : 046SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	1782.80	1815.75	1734.18	1777.58	2.31	ppb
Antimony	121-1	99.35	99.38	99.56	99.43	0.11	ppb
Arsenic	75-2	102.59	101.65	98.98	101.07	1.85	ppb
Barium	135-1	485.06	483.26	487.54	485.29	0.44	ppb
Barium	137-1	484.76	480.42	488.77	484.65	0.86	ppb
Beryllium	9-1	98.55	100.10	99.72	99.46	0.81	ppb
Bismuth	209-1				90		%
Bismuth	209-2				82		%
Boron	10-1	103.04	103.93	104.13	103.70	0.56	ppb
Boron	11-1	103.01	107.97	109.54	106.84	3.19	ppb
Cadmium	111-1	104.47	105.93	105.52	105.31	0.71	ppb
Cadmium	106-1	99.59	101.06	101.84	100.83	1.13	ppb
Cadmium	108-1	98.63	101.49	101.12	100.42	1.55	ppb
Calcium	43-1	10962.75	10937.37	11116.44	11005.52	0.88	ppb
Calcium	44-1	10696.78	10746.38	10838.67	10760.61	0.67	ppb
Chromium	52-2	106.98	108.45	105.49	106.97	1.38	ppb
Cobalt	59-2	113.59	115.06	110.63	113.10	2.00	ppb
Copper	63-2	234.80	238.42	228.97	234.06	2.04	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				91		%
Holmium	165-2				82		%
Indium	115-1				84		%
Indium	115-2				77		%
Iron	56-2	6029.91	6085.76	5862.22	5992.63	1.94	ppb
Iron	57-2	6096.57	6160.13	5972.03	6076.24	1.57	ppb
Krypton	83-1						cps
Lead	206-1	99.14	99.13	99.00	99.09	0.08	ppb
Lead	207-1	95.00	95.19	95.14	95.11	0.10	ppb
Lead	208-1	96.36	96.47	96.57	96.47	0.11	ppb
Lithium	6-1				70		%
Magnesium	24-2	10141.53	10240.83	9864.33	10082.23	1.94	ppb

LB Number : LB98243 Operator : Jaswal
 Lab Sample ID : J4968-06ADLX5 Instrumnet Name : P7
 Client Sample ID : SA-PZ182I-20180916ADL Dilution Factor : 5
 Date & Time Acquired :: 2018-09-28 18:28:50 DataFile Name : 046SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	545.18	551.43	530.91	542.51	1.94	ppb
Molybdenum	94-1	484.50	490.71	491.99	489.07	0.82	ppb
Molybdenum	95-1	484.77	489.78	493.46	489.34	0.89	ppb
Molybdenum	96-1	484.24	488.87	492.78	488.63	0.87	ppb
Molybdenum	97-1	486.69	489.78	491.22	489.23	0.47	ppb
Molybdenum	98-1	484.17	489.59	488.50	487.42	0.59	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	116.82	119.30	114.07	116.73	2.24	ppb
Phosphorus	31-2	-5.44	-5.13	-7.99	-6.19		ppb
Potassium	39-2	4832.43	4891.12	4674.76	4799.44	2.33	ppb
Rhodium	103-1				81		%
Rhodium	103-2				79		%
Scandium	45-1				72		%
Scandium	45-2				64		%
Selenium	77-2	103.64	93.64	90.77	96.01	7.04	ppb
Selenium	78-2	99.71	104.37	95.95	100.01	4.22	ppb
Selenium	82-1	101.67	102.94	102.78	102.46	0.68	ppb
Silicon	28-1	837.97	838.39	844.51	840.29	0.44	ppb
Silver	109-1	102.98	104.63	105.04	104.22	1.04	ppb
Silver	107-1	101.27	103.76	103.35	102.79	1.30	ppb
Sodium	23-2	10666.19	10856.64	10373.08	10631.97	2.29	ppb
Strontium	86-1	108.55	109.97	109.92	109.48	0.73	ppb
Strontium	88-1	106.20	106.65	106.64	106.50	0.24	ppb
Sulfur	34-1	550.82	572.32	599.76	574.30	4.27	ppb
Terbium	159-1				89		%
Terbium	159-2				81		%
Thallium	203-1	95.75	95.95	96.79	96.16	0.57	ppb
Thallium	205-1	95.96	95.92	96.31	96.07	0.22	ppb
Thorium	232-1	0.02	0.02	0.02	0.02	13.04	ppb
Tin	118-1	95.43	95.62	96.53	95.86	0.61	ppb
Titanium	47-1	479.51	480.00	485.48	481.67	0.69	ppb
Uranium	238-1	93.57	93.43	93.27	93.42	0.16	ppb
Vanadium	51-2	105.74	106.63	102.82	105.06	1.90	ppb
Yttrium	89-1				81		%
Yttrium	89-2				73		%

LB Number :	LB98243	Operator :	Jaswal
Lab Sample ID :	J4968-06ADLX5	Instrumnet Name :	P7
Client Sample ID :	SA-PZ182I-20180916AD	Dilution Factor :	5
Date & Time Acquired ::	2018-09-28 18:28:50	DataFile Name :	046SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zinc	66-2	179.91	183.05	177.19	180.05	1.63	ppb
Zirconium	90-1	95.24	95.82	96.20	95.75	0.50	ppb
Zirconium	91-1	99.70	99.67	100.24	99.87	0.32	ppb

LB Number :	LB98243	Operator :	Jaswal
Lab Sample ID :	J5041-02DLX5	Instrumnet Name :	P7
Client Sample ID :	S13-0257DL	Dilution Factor :	5
Date & Time Acquired ::	2018-09-28 18:32:25	DataFile Name :	047SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	5.53	4.39	4.09	4.67	16.22	ppb
Antimony	121-1	0.48	0.47	0.52	0.49	5.34	ppb
Arsenic	75-2	33.26	34.52	33.04	33.61	2.37	ppb
Barium	135-1	3.57	3.81	3.45	3.61	4.99	ppb
Barium	137-1	3.54	3.42	3.30	3.42	3.45	ppb
Beryllium	9-1	0.03	0.01	0.03	0.02	50.59	ppb
Bismuth	209-1				93		%
Bismuth	209-2				85		%
Boron	10-1	24.20	23.01	23.05	23.42	2.89	ppb
Boron	11-1	23.54	23.78	23.02	23.45	1.67	ppb
Cadmium	111-1	-0.10	-0.01	0.01	-0.03		ppb
Cadmium	106-1	-1.62	-0.26	-0.33	-0.73		ppb
Cadmium	108-1	0.01	0.12	0.08	0.07	74.20	ppb
Calcium	43-1	4343.39	4401.72	4258.93	4334.68	1.66	ppb
Calcium	44-1	4365.85	4362.63	4238.25	4322.25	1.68	ppb
Chromium	52-2	0.28	0.25	0.24	0.26	8.43	ppb
Cobalt	59-2	1.05	1.05	1.02	1.04	1.58	ppb
Copper	63-2	1.85	1.85	1.90	1.87	1.58	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				92		%
Holmium	165-2				84		%
Indium	115-1				85		%
Indium	115-2				78		%
Iron	56-2	8204.36	8032.58	7958.78	8065.24	1.56	ppb
Iron	57-2	8119.74	7976.09	7911.80	8002.54	1.33	ppb
Krypton	83-1						cps
Lead	206-1	0.03	0.02	0.02	0.02	43.31	ppb
Lead	207-1	0.02	0.02	0.03	0.03	9.87	ppb
Lead	208-1	0.03	0.02	0.02	0.02	18.33	ppb
Lithium	6-1				69		%
Magnesium	24-2	1022.64	998.60	988.24	1003.16	1.76	ppb

LB Number :	LB98243	Operator :	Jaswal
Lab Sample ID :	J5041-02DLX5	Instrumnet Name :	P7
Client Sample ID :	S13-0257DL	Dilution Factor :	5
Date & Time Acquired ::	2018-09-28 18:32:25	DataFile Name :	047SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	918.39	904.08	896.33	906.27	1.23	ppb
Molybdenum	94-1	0.37	0.30	0.32	0.33	11.61	ppb
Molybdenum	95-1	0.52	0.53	0.49	0.51	3.66	ppb
Molybdenum	96-1	0.58	0.55	0.57	0.57	2.49	ppb
Molybdenum	97-1	0.52	0.52	0.45	0.50	7.61	ppb
Molybdenum	98-1	0.56	0.54	0.47	0.52	8.48	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.90	1.00	0.96	0.95	5.37	ppb
Phosphorus	31-2	39.13	24.83	21.93	28.63	32.16	ppb
Potassium	39-2	445.43	439.05	442.62	442.36	0.72	ppb
Rhodium	103-1				82		%
Rhodium	103-2				82		%
Scandium	45-1				72		%
Scandium	45-2				64		%
Selenium	77-2	1.21	0.00	0.58	0.60	101.46	ppb
Selenium	78-2	-1.14	-0.75	-0.30	-0.73		ppb
Selenium	82-1	-0.15	0.09	-0.72	-0.26		ppb
Silicon	28-1	2073.77	2063.12	2015.65	2050.85	1.51	ppb
Silver	109-1	0.07	0.06	0.05	0.06	8.77	ppb
Silver	107-1	0.06	0.07	0.06	0.06	4.56	ppb
Sodium	23-2	1370.18	1350.31	1323.29	1347.92	1.75	ppb
Strontium	86-1	33.90	33.81	32.94	33.55	1.59	ppb
Strontium	88-1	34.14	34.12	33.09	33.79	1.77	ppb
Sulfur	34-1	-656.05	-643.59	-654.58	-651.40		ppb
Terbium	159-1				90		%
Terbium	159-2				83		%
Thallium	203-1	0.05	0.03	0.03	0.04	35.76	ppb
Thallium	205-1	0.03	0.02	0.03	0.03	13.92	ppb
Thorium	232-1	0.00	0.01	0.00	0.00	10.48	ppb
Tin	118-1	0.13	0.17	0.14	0.15	15.28	ppb
Titanium	47-1	0.36	0.36	0.39	0.37	5.15	ppb
Uranium	238-1	0.00	0.01	0.00	0.01	37.22	ppb
Vanadium	51-2	0.07	0.09	0.06	0.08	18.58	ppb
Yttrium	89-1				81		%
Yttrium	89-2				74		%

LB Number :	LB98243	Operator :	Jaswal
Lab Sample ID :	J5041-02DLX5	Instrumnet Name :	P7
Client Sample ID :	S13-0257DL	Dilution Factor :	5
Date & Time Acquired ::	2018-09-28 18:32:25	DataFile Name :	047SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zinc	66-2	1.40	1.18	1.31	1.30	8.79	ppb
Zirconium	90-1	0.03	0.04	0.03	0.04	11.32	ppb
Zirconium	91-1	0.04	0.05	0.05	0.04	15.89	ppb

LB Number :	LB98243	Operator :	Jaswal
Lab Sample ID :	J5041-04DLX5	Instrumnet Name :	P7
Client Sample ID :	S13-0247DL	Dilution Factor :	5
Date & Time Acquired ::	2018-09-28 18:35:59	DataFile Name :	048SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	1.09	0.52	0.85	0.82	34.67	ppb
Antimony	121-1	0.47	0.49	0.43	0.46	6.41	ppb
Arsenic	75-2	15.13	14.97	13.88	14.66	4.64	ppb
Barium	135-1	7.75	7.62	7.72	7.70	0.85	ppb
Barium	137-1	8.33	7.90	7.98	8.07	2.87	ppb
Beryllium	9-1	0.03	0.00	0.02	0.02	79.91	ppb
Bismuth	209-1				91		%
Bismuth	209-2				85		%
Boron	10-1	27.53	27.77	29.59	28.30	3.97	ppb
Boron	11-1	29.78	29.26	29.89	29.65	1.14	ppb
Cadmium	111-1	-0.09	-0.07	-0.08	-0.08		ppb
Cadmium	106-1	-1.17	-1.02	-1.33	-1.17		ppb
Cadmium	108-1	0.01	0.05	0.01	0.03	77.94	ppb
Calcium	43-1	11935.73	12058.72	11883.35	11959.27	0.75	ppb
Calcium	44-1	11896.60	11872.07	11970.47	11913.05	0.43	ppb
Chromium	52-2	0.36	0.30	0.34	0.34	9.60	ppb
Cobalt	59-2	4.04	4.26	4.20	4.17	2.67	ppb
Copper	63-2	1.75	1.79	1.76	1.77	1.11	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				91		%
Holmium	165-2				84		%
Indium	115-1				85		%
Indium	115-2				78		%
Iron	56-2	2946.84	2919.84	2912.09	2926.26	0.62	ppb
Iron	57-2	2968.82	2944.28	3005.86	2972.99	1.04	ppb
Krypton	83-1						cps
Lead	206-1	0.00	0.02	0.00	0.01	184.74	ppb
Lead	207-1	0.00	0.01	0.00	0.00	1541.89	ppb
Lead	208-1	0.00	0.01	-0.01	0.00	345.98	ppb
Lithium	6-1				68		%
Magnesium	24-2	5142.99	5163.41	5101.44	5135.95	0.61	ppb

LB Number :	LB98243	Operator :	Jaswal
Lab Sample ID :	J5041-04DLX5	Instrumnet Name :	P7
Client Sample ID :	S13-0247DL	Dilution Factor :	5
Date & Time Acquired ::	2018-09-28 18:35:59	DataFile Name :	048SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	463.77	462.16	463.04	462.99	0.17	ppb
Molybdenum	94-1	0.22	0.23	0.20	0.22	7.83	ppb
Molybdenum	95-1	0.36	0.29	0.32	0.32	10.40	ppb
Molybdenum	96-1	0.34	0.37	0.31	0.34	9.88	ppb
Molybdenum	97-1	0.37	0.27	0.35	0.33	15.08	ppb
Molybdenum	98-1	0.32	0.28	0.32	0.31	7.82	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	7.16	7.55	7.03	7.25	3.68	ppb
Phosphorus	31-2	-18.70	-12.40	-8.16	-13.09		ppb
Potassium	39-2	348.91	342.36	338.44	343.24	1.54	ppb
Rhodium	103-1				82		%
Rhodium	103-2				83		%
Scandium	45-1				72		%
Scandium	45-2				66		%
Selenium	77-2	0.59	0.00	0.59	0.39	86.60	ppb
Selenium	78-2	0.11	-0.09	-0.29	-0.09		ppb
Selenium	82-1	-0.14	-0.16	-0.01	-0.11		ppb
Silicon	28-1	2632.87	2624.53	2618.82	2625.41	0.27	ppb
Silver	109-1	0.04	0.05	0.06	0.05	18.19	ppb
Silver	107-1	0.05	0.04	0.05	0.05	9.83	ppb
Sodium	23-2	2763.85	2741.32	2711.82	2739.00	0.95	ppb
Strontium	86-1	113.97	115.29	115.14	114.80	0.63	ppb
Strontium	88-1	111.43	112.02	111.59	111.68	0.27	ppb
Sulfur	34-1	-540.93	-453.48	-535.22	-509.87		ppb
Terbium	159-1				89		%
Terbium	159-2				84		%
Thallium	203-1	0.03	0.01	0.02	0.02	45.31	ppb
Thallium	205-1	0.01	0.01	0.01	0.01	11.79	ppb
Thorium	232-1	0.00	0.00	0.01	0.00	32.01	ppb
Tin	118-1	0.15	0.18	0.15	0.16	11.16	ppb
Titanium	47-1	0.17	0.22	0.25	0.21	18.98	ppb
Uranium	238-1	0.00	0.00	0.00	0.00	7.41	ppb
Vanadium	51-2	0.10	0.09	0.07	0.09	13.48	ppb
Yttrium	89-1				82		%
Yttrium	89-2				75		%

LB Number :	LB98243	Operator :	Jaswal
Lab Sample ID :	J5041-04DLX5	Instrumnet Name :	P7
Client Sample ID :	S13-0247DL	Dilution Factor :	5
Date & Time Acquired ::	2018-09-28 18:35:59	DataFile Name :	048SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zinc	66-2	2.85	2.71	2.98	2.85	4.86	ppb
Zirconium	90-1	0.02	0.02	0.02	0.02	2.41	ppb
Zirconium	91-1	0.01	0.02	0.01	0.01	27.24	ppb

LB Number :	LB98243	Operator :	Jaswal
Lab Sample ID :	J5041-05DLX5	Instrumnet Name :	P7
Client Sample ID :	S13-0245DL	Dilution Factor :	5
Date & Time Acquired ::	2018-09-28 18:39:34	DataFile Name :	049SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	0.77	0.44	0.87	0.69	32.61	ppb
Antimony	121-1	0.43	0.42	0.41	0.42	2.56	ppb
Arsenic	75-2	36.00	35.51	35.92	35.81	0.73	ppb
Barium	135-1	4.62	4.23	4.10	4.32	6.25	ppb
Barium	137-1	4.12	4.31	4.16	4.19	2.39	ppb
Beryllium	9-1	0.04	0.00	0.01	0.02	123.29	ppb
Bismuth	209-1				91		%
Bismuth	209-2				84		%
Boron	10-1	13.49	12.50	13.16	13.05	3.88	ppb
Boron	11-1	12.92	13.48	13.75	13.38	3.15	ppb
Cadmium	111-1	-0.13	-0.01	-0.16	-0.10		ppb
Cadmium	106-1	-1.84	-0.45	-2.30	-1.53		ppb
Cadmium	108-1	0.01	-0.02	0.01	0.00	742.39	ppb
Calcium	43-1	10573.58	10418.05	10712.36	10568.00	1.39	ppb
Calcium	44-1	10425.93	10534.57	10562.78	10507.76	0.69	ppb
Chromium	52-2	0.23	0.29	0.25	0.26	12.18	ppb
Cobalt	59-2	1.48	1.57	1.43	1.49	4.59	ppb
Copper	63-2	1.81	1.79	1.80	1.80	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				91		%
Holmium	165-2				84		%
Indium	115-1				84		%
Indium	115-2				77		%
Iron	56-2	3036.09	3054.45	2995.53	3028.69	1.00	ppb
Iron	57-2	3070.01	3007.63	3006.72	3028.12	1.20	ppb
Krypton	83-1						cps
Lead	206-1	0.01	0.00	0.03	0.01	131.49	ppb
Lead	207-1	0.02	0.01	0.02	0.02	50.76	ppb
Lead	208-1	0.01	0.00	0.02	0.01	64.37	ppb
Lithium	6-1				68		%
Magnesium	24-2	2093.30	2104.22	2065.14	2087.56	0.97	ppb

LB Number :	LB98243	Operator :	Jaswal
Lab Sample ID :	J5041-05DLX5	Instrumnet Name :	P7
Client Sample ID :	S13-0245DL	Dilution Factor :	5
Date & Time Acquired ::	2018-09-28 18:39:34	DataFile Name :	049SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	1137.13	1161.06	1141.60	1146.60	1.11	ppb
Molybdenum	94-1	0.45	0.40	0.41	0.42	7.06	ppb
Molybdenum	95-1	0.65	0.61	0.57	0.61	6.93	ppb
Molybdenum	96-1	0.59	0.58	0.67	0.61	7.91	ppb
Molybdenum	97-1	0.62	0.53	0.51	0.55	10.62	ppb
Molybdenum	98-1	0.63	0.60	0.60	0.61	3.30	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	2.55	2.57	2.63	2.59	1.70	ppb
Phosphorus	31-2	0.81	3.22	-3.61	0.14	2438.74	ppb
Potassium	39-2	549.25	563.59	538.85	550.56	2.26	ppb
Rhodium	103-1				81		%
Rhodium	103-2				82		%
Scandium	45-1				71		%
Scandium	45-2				65		%
Selenium	77-2	10.72	0.00	0.59	3.77	159.80	ppb
Selenium	78-2	-0.17	0.61	0.21	0.22	178.81	ppb
Selenium	82-1	-0.14	-0.43	-0.06	-0.21		ppb
Silicon	28-1	2807.51	2790.41	2813.04	2803.65	0.42	ppb
Silver	109-1	0.05	0.05	0.04	0.04	1.62	ppb
Silver	107-1	0.04	0.03	0.04	0.04	8.56	ppb
Sodium	23-2	21933.14	21950.32	21505.33	21796.27	1.16	ppb
Strontium	86-1	78.85	78.91	79.88	79.21	0.73	ppb
Strontium	88-1	78.00	77.73	78.36	78.03	0.41	ppb
Sulfur	34-1	-538.14	-574.61	-552.49	-555.08		ppb
Terbium	159-1				89		%
Terbium	159-2				83		%
Thallium	203-1	0.01	0.01	0.00	0.00	80.75	ppb
Thallium	205-1	0.00	0.00	0.00	0.00	70.92	ppb
Thorium	232-1	0.00	0.00	0.00	0.00	117.15	ppb
Tin	118-1	0.14	0.17	0.14	0.15	12.70	ppb
Titanium	47-1	0.25	0.28	0.20	0.24	16.13	ppb
Uranium	238-1	0.00	0.00	0.00	0.00	81.69	ppb
Vanadium	51-2	0.06	0.04	0.05	0.05	15.56	ppb
Yttrium	89-1				81		%
Yttrium	89-2				74		%

LB Number :	LB98243	Operator :	Jaswal
Lab Sample ID :	J5041-05DLX5	Instrumnet Name :	P7
Client Sample ID :	S13-0245DL	Dilution Factor :	5
Date & Time Acquired ::	2018-09-28 18:39:34	DataFile Name :	049SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zinc	66-2	2.53	2.28	2.41	2.41	5.35	ppb
Zirconium	90-1	0.03	0.02	0.01	0.02	48.70	ppb
Zirconium	91-1	0.02	0.01	0.04	0.02	73.77	ppb

LB Number :	LB98243	Operator :	Jaswal
Lab Sample ID :	J5041-06DLX5	Instrumnet Name :	P7
Client Sample ID :	S13-0246DL	Dilution Factor :	5
Date & Time Acquired ::	2018-09-28 18:43:09	DataFile Name :	050SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	0.09	-0.03	1.20	0.42	160.89	ppb
Antimony	121-1	0.49	0.44	0.44	0.46	6.90	ppb
Arsenic	75-2	38.04	36.58	36.15	36.92	2.68	ppb
Barium	135-1	4.55	4.39	4.52	4.48	1.83	ppb
Barium	137-1	4.69	4.65	4.44	4.59	2.86	ppb
Beryllium	9-1	0.03	0.01	0.01	0.02	64.34	ppb
Bismuth	209-1				91		%
Bismuth	209-2				86		%
Boron	10-1	13.59	12.30	13.56	13.15	5.61	ppb
Boron	11-1	12.76	12.42	12.66	12.62	1.42	ppb
Cadmium	111-1	-0.14	-0.14	-0.08	-0.12		ppb
Cadmium	106-1	-1.57	-1.90	-1.22	-1.56		ppb
Cadmium	108-1	0.47	0.01	-0.02	0.16	177.19	ppb
Calcium	43-1	10911.10	11110.82	11002.40	11008.11	0.91	ppb
Calcium	44-1	10832.69	10946.90	10953.43	10911.01	0.62	ppb
Chromium	52-2	0.27	0.27	0.24	0.26	8.09	ppb
Cobalt	59-2	1.59	1.59	1.58	1.59	0.31	ppb
Copper	63-2	1.88	2.00	1.90	1.93	3.37	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				91		%
Holmium	165-2				85		%
Indium	115-1				85		%
Indium	115-2				79		%
Iron	56-2	3258.46	3204.22	3210.87	3224.52	0.92	ppb
Iron	57-2	3223.92	3239.31	3241.78	3235.00	0.30	ppb
Krypton	83-1						cps
Lead	206-1	0.01	0.01	0.02	0.01	51.92	ppb
Lead	207-1	0.01	0.01	0.01	0.01	15.69	ppb
Lead	208-1	0.00	0.01	0.01	0.01	36.87	ppb
Lithium	6-1				68		%
Magnesium	24-2	2152.83	2113.91	2121.82	2129.52	0.97	ppb

LB Number :	LB98243	Operator :	Jaswal
Lab Sample ID :	J5041-06DLX5	Instrumnet Name :	P7
Client Sample ID :	S13-0246DL	Dilution Factor :	5
Date & Time Acquired ::	2018-09-28 18:43:09	DataFile Name :	050SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	1188.46	1173.51	1187.27	1183.08	0.70	ppb
Molybdenum	94-1	0.40	0.51	0.34	0.42	20.35	ppb
Molybdenum	95-1	0.67	0.69	0.63	0.66	4.76	ppb
Molybdenum	96-1	0.59	0.67	0.67	0.64	7.28	ppb
Molybdenum	97-1	0.59	0.72	0.53	0.61	15.69	ppb
Molybdenum	98-1	0.65	0.65	0.63	0.64	1.75	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	2.81	2.87	2.76	2.82	1.91	ppb
Phosphorus	31-2	2.91	0.28	4.78	2.66	85.02	ppb
Potassium	39-2	572.69	559.25	560.71	564.22	1.31	ppb
Rhodium	103-1				82		%
Rhodium	103-2				83		%
Scandium	45-1				72		%
Scandium	45-2				65		%
Selenium	77-2	0.00	0.00	0.00	0.00	N/A	ppb
Selenium	78-2	-0.56	-0.48	0.19	-0.29		ppb
Selenium	82-1	0.25	0.07	-0.33	-0.01		ppb
Silicon	28-1	2880.21	2869.70	2921.80	2890.57	0.95	ppb
Silver	109-1	0.04	0.05	0.05	0.05	20.20	ppb
Silver	107-1	0.05	0.03	0.04	0.04	21.79	ppb
Sodium	23-2	23386.53	23133.63	23056.48	23192.21	0.74	ppb
Strontium	86-1	83.64	83.95	83.79	83.79	0.19	ppb
Strontium	88-1	81.89	81.56	82.00	81.82	0.28	ppb
Sulfur	34-1	-418.19	-430.86	-364.67	-404.57		ppb
Terbium	159-1				89		%
Terbium	159-2				84		%
Thallium	203-1	0.01	0.01	0.01	0.01	30.02	ppb
Thallium	205-1	0.00	0.00	0.00	0.00	126.68	ppb
Thorium	232-1	0.00	0.00	0.00	0.00	46.15	ppb
Tin	118-1	0.17	0.15	0.20	0.17	14.18	ppb
Titanium	47-1	0.23	0.29	0.18	0.23	21.92	ppb
Uranium	238-1	0.00	0.00	0.00	0.00	55.44	ppb
Vanadium	51-2	0.06	0.06	0.07	0.06	8.57	ppb
Yttrium	89-1				81		%
Yttrium	89-2				75		%

LB Number :	LB98243	Operator :	Jaswal
Lab Sample ID :	J5041-06DLX5	Instrumnet Name :	P7
Client Sample ID :	S13-0246DL	Dilution Factor :	5
Date & Time Acquired ::	2018-09-28 18:43:09	DataFile Name :	050SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zinc	66-2	1.80	1.80	1.66	1.75	4.62	ppb
Zirconium	90-1	0.02	0.02	0.01	0.02	44.90	ppb
Zirconium	91-1	0.02	-0.01	0.03	0.02	123.71	ppb

LB Number :	LB98243	Operator :	Jaswal
Lab Sample ID :	J5041-07DLX25	Instrumnet Name :	P7
Client Sample ID :	S13-0250DL	Dilution Factor :	25
Date & Time Acquired ::	2018-09-28 18:46:44	DataFile Name :	051SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	0.89	0.05	0.04	0.33	148.60	ppb
Antimony	121-1	0.09	0.08	0.06	0.08	20.51	ppb
Arsenic	75-2	5.00	4.87	5.43	5.10	5.71	ppb
Barium	135-1	2.33	2.53	2.58	2.48	5.21	ppb
Barium	137-1	2.42	2.54	2.46	2.47	2.37	ppb
Beryllium	9-1	0.02	0.02	0.02	0.02	8.87	ppb
Bismuth	209-1				93		%
Bismuth	209-2				87		%
Boron	10-1	4.36	4.64	4.24	4.41	4.71	ppb
Boron	11-1	4.45	4.37	4.72	4.51	4.05	ppb
Cadmium	111-1	-0.12	-0.17	-0.04	-0.11		ppb
Cadmium	106-1	-1.48	-2.27	-0.46	-1.40		ppb
Cadmium	108-1	0.01	-0.02	-0.02	-0.01		ppb
Calcium	43-1	7296.98	7238.41	7135.61	7223.67	1.13	ppb
Calcium	44-1	7169.38	7131.29	7099.14	7133.27	0.49	ppb
Chromium	52-2	0.13	0.11	0.09	0.11	15.98	ppb
Cobalt	59-2	0.74	0.74	0.83	0.77	6.29	ppb
Copper	63-2	1.42	1.44	1.42	1.43	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				92		%
Holmium	165-2				87		%
Indium	115-1				87		%
Indium	115-2				82		%
Iron	56-2	723.38	724.61	716.74	721.58	0.59	ppb
Iron	57-2	785.56	776.45	779.57	780.53	0.59	ppb
Krypton	83-1						cps
Lead	206-1	-0.02	-0.01	-0.01	-0.02		ppb
Lead	207-1	-0.01	-0.01	-0.02	-0.01		ppb
Lead	208-1	-0.02	-0.02	-0.02	-0.02		ppb
Lithium	6-1				69		%
Magnesium	24-2	1706.27	1714.98	1700.83	1707.36	0.42	ppb

LB Number :	LB98243	Operator :	Jaswal
Lab Sample ID :	J5041-07DLX25	Instrumnet Name :	P7
Client Sample ID :	S13-0250DL	Dilution Factor :	25
Date & Time Acquired ::	2018-09-28 18:46:44	DataFile Name :	051SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	864.41	865.41	856.15	861.99	0.59	ppb
Molybdenum	94-1	-0.05	0.01	-0.02	-0.02		ppb
Molybdenum	95-1	0.04	0.02	0.04	0.03	43.62	ppb
Molybdenum	96-1	0.03	0.02	0.01	0.02	58.20	ppb
Molybdenum	97-1	0.03	0.02	0.05	0.03	42.91	ppb
Molybdenum	98-1	0.01	0.00	0.02	0.01	65.72	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.99	1.12	1.08	1.07	6.42	ppb
Phosphorus	31-2	-9.02	-6.96	-19.14	-11.71		ppb
Potassium	39-2	156.90	163.49	156.97	159.12	2.38	ppb
Rhodium	103-1				85		%
Rhodium	103-2				86		%
Scandium	45-1				76		%
Scandium	45-2				70		%
Selenium	77-2	0.00	0.56	0.00	0.19	173.21	ppb
Selenium	78-2	-0.82	0.39	-0.16	-0.20		ppb
Selenium	82-1	0.14	0.03	-0.15	0.01	2700.80	ppb
Silicon	28-1	379.93	376.51	375.56	377.33	0.61	ppb
Silver	109-1	0.01	0.02	0.04	0.02	61.38	ppb
Silver	107-1	0.02	0.03	0.02	0.02	28.32	ppb
Sodium	23-2	5985.45	5960.79	5833.96	5926.73	1.37	ppb
Strontium	86-1	43.27	43.48	43.57	43.44	0.36	ppb
Strontium	88-1	43.26	42.97	43.40	43.21	0.51	ppb
Sulfur	34-1	-160.89	-153.16	-190.09	-168.05		ppb
Terbium	159-1				91		%
Terbium	159-2				86		%
Thallium	203-1	0.01	0.00	0.00	0.00	306.84	ppb
Thallium	205-1	0.00	0.00	0.00	0.00		ppb
Thorium	232-1	0.00	0.00	0.00	0.00	84.67	ppb
Tin	118-1	0.03	0.03	0.02	0.03	27.11	ppb
Titanium	47-1	0.06	0.04	0.09	0.06	41.32	ppb
Uranium	238-1	0.01	0.01	0.01	0.01	8.60	ppb
Vanadium	51-2	0.01	0.01	0.02	0.01	34.96	ppb
Yttrium	89-1				84		%
Yttrium	89-2				78		%

LB Number :	LB98243	Operator :	Jaswal
Lab Sample ID :	J5041-07DLX25	Instrumnet Name :	P7
Client Sample ID :	S13-0250DL	Dilution Factor :	25
Date & Time Acquired ::	2018-09-28 18:46:44	DataFile Name :	051SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zinc	66-2	0.88	0.82	1.07	0.92	13.90	ppb
Zirconium	90-1	0.01	0.01	0.01	0.01	26.34	ppb
Zirconium	91-1	-0.01	0.00	0.02	0.00	47766.67	ppb

LB Number :	LB98243	Operator :	Jaswal
Lab Sample ID :	J5041-08DLX5	Instrumnet Name :	P7
Client Sample ID :	S13-0249DL	Dilution Factor :	5
Date & Time Acquired ::	2018-09-28 18:50:18	DataFile Name :	052SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	3.78	3.60	3.03	3.47	11.34	ppb
Antimony	121-1	0.57	0.52	0.52	0.53	5.63	ppb
Arsenic	75-2	2.09	2.39	2.48	2.32	8.73	ppb
Barium	135-1	13.27	12.29	13.05	12.87	4.00	ppb
Barium	137-1	12.55	12.81	12.97	12.78	1.68	ppb
Beryllium	9-1	0.02	0.04	0.03	0.03	39.23	ppb
Bismuth	209-1				88		%
Bismuth	209-2				83		%
Boron	10-1	5.90	5.29	5.95	5.71	6.43	ppb
Boron	11-1	5.65	5.82	5.69	5.72	1.59	ppb
Cadmium	111-1	-0.01	0.00	-0.16	-0.06		ppb
Cadmium	106-1	-0.17	-0.14	-2.30	-0.87		ppb
Cadmium	108-1	0.09	0.08	0.09	0.09	0.61	ppb
Calcium	43-1	28072.70	28145.71	28392.35	28203.59	0.59	ppb
Calcium	44-1	28422.26	28507.29	28462.87	28464.14	0.15	ppb
Chromium	52-2	0.29	0.32	0.29	0.30	6.04	ppb
Cobalt	59-2	0.52	0.49	0.48	0.50	4.72	ppb
Copper	63-2	1.93	1.91	1.98	1.94	1.82	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				90		%
Holmium	165-2				83		%
Indium	115-1				83		%
Indium	115-2				77		%
Iron	56-2	2870.35	2818.09	2838.38	2842.28	0.93	ppb
Iron	57-2	2926.69	2854.17	2862.53	2881.13	1.38	ppb
Krypton	83-1						cps
Lead	206-1	0.17	0.13	0.14	0.15	15.71	ppb
Lead	207-1	0.16	0.16	0.13	0.15	10.97	ppb
Lead	208-1	0.17	0.16	0.15	0.16	6.17	ppb
Lithium	6-1				68		%
Magnesium	24-2	13077.99	12932.35	12846.61	12952.32	0.90	ppb

LB Number :	LB98243	Operator :	Jaswal
Lab Sample ID :	J5041-08DLX5	Instrumnet Name :	P7
Client Sample ID :	S13-0249DL	Dilution Factor :	5
Date & Time Acquired ::	2018-09-28 18:50:18	DataFile Name :	052SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	157.10	155.45	157.62	156.72	0.72	ppb
Molybdenum	94-1	0.06	0.09	0.04	0.06	36.60	ppb
Molybdenum	95-1	0.06	0.07	0.09	0.07	19.77	ppb
Molybdenum	96-1	0.10	0.10	0.08	0.09	9.06	ppb
Molybdenum	97-1	0.09	0.07	0.08	0.08	12.83	ppb
Molybdenum	98-1	0.06	0.08	0.07	0.07	14.47	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	3.90	4.02	4.09	4.00	2.33	ppb
Phosphorus	31-2	3.57	-12.11	7.39	-0.39		ppb
Potassium	39-2	1231.60	1204.84	1215.24	1217.23	1.11	ppb
Rhodium	103-1				80		%
Rhodium	103-2				81		%
Scandium	45-1				72		%
Scandium	45-2				64		%
Selenium	77-2	0.61	0.00	1.21	0.61	100.05	ppb
Selenium	78-2	-1.14	-0.45	-0.94	-0.84		ppb
Selenium	82-1	-0.73	0.13	-0.16	-0.25		ppb
Silicon	28-1	1267.56	1255.02	1260.67	1261.08	0.50	ppb
Silver	109-1	0.05	0.06	0.04	0.05	25.32	ppb
Silver	107-1	0.03	0.05	0.06	0.05	26.60	ppb
Sodium	23-2	14153.28	13926.03	13932.56	14003.96	0.92	ppb
Strontium	86-1	212.58	213.09	213.66	213.11	0.25	ppb
Strontium	88-1	215.66	214.35	215.00	215.00	0.30	ppb
Sulfur	34-1	1863.48	1846.12	1907.76	1872.45	1.70	ppb
Terbium	159-1				89		%
Terbium	159-2				83		%
Thallium	203-1	0.02	0.03	0.04	0.03	34.07	ppb
Thallium	205-1	0.03	0.02	0.02	0.03	26.23	ppb
Thorium	232-1	0.00	0.00	0.00	0.00	25.84	ppb
Tin	118-1	0.10	0.16	0.14	0.14	23.43	ppb
Titanium	47-1	0.22	0.18	0.21	0.20	10.60	ppb
Uranium	238-1	0.39	0.40	0.42	0.40	3.07	ppb
Vanadium	51-2	0.16	0.14	0.16	0.15	7.61	ppb
Yttrium	89-1				80		%
Yttrium	89-2				73		%

LB Number :	LB98243	Operator :	Jaswal
Lab Sample ID :	J5041-08DLX5	Instrumnet Name :	P7
Client Sample ID :	S13-0249DL	Dilution Factor :	5
Date & Time Acquired ::	2018-09-28 18:50:18	DataFile Name :	052SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zinc	66-2	1.93	1.86	1.85	1.88	2.44	ppb
Zirconium	90-1	0.03	0.03	0.03	0.03	9.59	ppb
Zirconium	91-1	0.03	0.04	0.00	0.02	84.97	ppb

LB Number :	LB98243	Operator :	Jaswal
Lab Sample ID :	CCV16	Instrumnet Name :	P7
Client Sample ID :	CCV16	Dilution Factor :	1
Date & Time Acquired ::	2018-09-28 18:53:52	DataFile Name :	053CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	48428.05	48492.27	49118.42	48679.58	0.78	ppb
Antimony	121-1	458.59	468.70	469.26	465.52	1.29	ppb
Arsenic	75-2	470.28	470.95	470.45	470.56	0.07	ppb
Barium	135-1	2467.35	2492.25	2508.47	2489.35	0.83	ppb
Barium	137-1	2465.07	2494.46	2496.12	2485.22	0.70	ppb
Beryllium	9-1	497.08	506.57	506.42	503.36	1.08	ppb
Bismuth	209-1				78		%
Bismuth	209-2				73		%
Boron	10-1	490.03	500.01	514.40	501.48	2.44	ppb
Boron	11-1	489.98	505.08	518.07	504.38	2.79	ppb
Cadmium	111-1	452.62	463.77	461.93	459.44	1.30	ppb
Cadmium	106-1	442.83	460.12	460.25	454.40	2.21	ppb
Cadmium	108-1	444.27	467.89	456.15	456.10	2.59	ppb
Calcium	43-1	234558.42	234778.17	234264.26	234533.62	0.11	ppb
Calcium	44-1	234843.51	236103.41	234269.98	235072.30	0.40	ppb
Chromium	52-2	531.49	535.38	540.46	535.78	0.84	ppb
Cobalt	59-2	500.78	509.23	513.96	507.99	1.31	ppb
Copper	63-2	976.75	991.12	1001.75	989.87	1.27	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				87		%
Holmium	165-2				82		%
Indium	115-1				76		%
Indium	115-2				74		%
Iron	56-2	130687.59	130311.15	130857.21	130618.65	0.21	ppb
Iron	57-2	130226.71	130922.95	131402.84	130850.83	0.45	ppb
Krypton	83-1						cps
Lead	206-1	515.89	520.33	523.17	519.80	0.71	ppb
Lead	207-1	514.64	520.65	517.73	517.68	0.58	ppb
Lead	208-1	516.44	521.53	518.92	518.96	0.49	ppb
Lithium	6-1				65		%
Magnesium	24-2	229346.00	229606.70	231503.73	230152.14	0.51	ppb

LB Number :	LB98243	Operator :	Jaswal
Lab Sample ID :	CCV16	Instrumnet Name :	P7
Client Sample ID :	CCV16	Dilution Factor :	1
Date & Time Acquired ::	2018-09-28 18:53:52	DataFile Name :	053CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	1010.76	1022.80	1025.25	1019.60	0.76	ppb
Molybdenum	94-1	2590.89	2623.93	2585.99	2600.27	0.79	ppb
Molybdenum	95-1	2589.14	2622.87	2593.61	2601.87	0.70	ppb
Molybdenum	96-1	2586.63	2627.99	2609.02	2607.88	0.79	ppb
Molybdenum	97-1	2574.11	2618.94	2597.23	2596.76	0.86	ppb
Molybdenum	98-1	2573.16	2625.90	2577.86	2592.31	1.13	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	522.17	526.97	531.31	526.81	0.87	ppb
Phosphorus	31-2	9196.76	9282.65	9353.21	9277.54	0.84	ppb
Potassium	39-2	116130.15	115916.49	116708.79	116251.81	0.35	ppb
Rhodium	103-1				70		%
Rhodium	103-2				71		%
Scandium	45-1				70		%
Scandium	45-2				68		%
Selenium	77-2	440.38	448.91	473.96	454.42	3.84	ppb
Selenium	78-2	441.16	456.97	451.10	449.74	1.78	ppb
Selenium	82-1	453.27	460.48	467.82	460.53	1.58	ppb
Silicon	28-1	519.98	541.42	541.08	534.16	2.30	ppb
Silver	109-1	493.43	503.92	498.69	498.68	1.05	ppb
Silver	107-1	496.45	501.38	495.73	497.85	0.62	ppb
Sodium	23-2	230727.39	231922.55	234454.91	232368.28	0.82	ppb
Strontium	86-1	497.76	507.70	502.51	502.65	0.99	ppb
Strontium	88-1	506.35	512.05	508.81	509.07	0.56	ppb
Sulfur	34-1	9880.36	10073.68	10078.47	10010.84	1.13	ppb
Terbium	159-1				86		%
Terbium	159-2				81		%
Thallium	203-1	520.58	521.06	525.68	522.44	0.54	ppb
Thallium	205-1	518.55	522.22	524.08	521.62	0.54	ppb
Thorium	232-1	530.02	534.44	532.18	532.22	0.42	ppb
Tin	118-1	483.56	492.18	491.42	489.05	0.98	ppb
Titanium	47-1	2533.75	2571.49	2551.14	2552.13	0.74	ppb
Uranium	238-1	532.26	531.58	532.51	532.12	0.09	ppb
Vanadium	51-2	517.88	519.18	526.03	521.03	0.84	ppb
Yttrium	89-1				77		%
Yttrium	89-2				74		%

LB Number :	LB98243	Operator :	Jaswal
Lab Sample ID :	CCV16	Instrumnet Name :	P7
Client Sample ID :	CCV16	Dilution Factor :	1
Date & Time Acquired ::	2018-09-28 18:53:52	DataFile Name :	053CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zinc	66-2	741.00	752.05	760.24	751.10	1.29	ppb
Zirconium	90-1	509.56	520.05	513.07	514.23	1.04	ppb
Zirconium	91-1	500.39	510.38	506.50	505.76	1.00	ppb

LB Number :	LB98243	Operator :	Jaswal
Lab Sample ID :	CCB16	Instrumnet Name :	P7
Client Sample ID :	CCB16	Dilution Factor :	1
Date & Time Acquired ::	2018-09-28 18:57:32	DataFile Name :	054CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	2.59	1.97	1.34	1.97	31.72	ppb
Antimony	121-1	0.18	0.22	0.22	0.20	10.96	ppb
Arsenic	75-2	0.08	0.03	0.02	0.04	64.17	ppb
Barium	135-1	0.11	0.12	0.07	0.10	24.03	ppb
Barium	137-1	0.15	0.13	0.09	0.12	22.90	ppb
Beryllium	9-1	0.09	0.09	0.05	0.08	26.75	ppb
Bismuth	209-1				92		%
Bismuth	209-2				88		%
Boron	10-1	22.65	21.73	20.15	21.51	5.87	ppb
Boron	11-1	24.41	22.07	19.73	22.07	10.60	ppb
Cadmium	111-1	-0.01	-0.01	-0.07	-0.03		ppb
Cadmium	106-1	-1.36	-0.79	-1.54	-1.23		ppb
Cadmium	108-1	0.19	0.08	0.05	0.11	68.13	ppb
Calcium	43-1	16.42	14.37	11.22	14.01	18.72	ppb
Calcium	44-1	15.05	14.37	11.46	13.62	14.00	ppb
Chromium	52-2	0.02	0.03	0.03	0.03	34.53	ppb
Cobalt	59-2	0.00	0.01	0.01	0.00	45.03	ppb
Copper	63-2	1.34	1.30	1.26	1.30	3.02	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				91		%
Holmium	165-2				87		%
Indium	115-1				87		%
Indium	115-2				82		%
Iron	56-2	4.61	4.37	4.21	4.40	4.62	ppb
Iron	57-2	3.19	5.28	3.42	3.96	28.95	ppb
Krypton	83-1						cps
Lead	206-1	0.02	0.02	0.01	0.01	51.69	ppb
Lead	207-1	0.01	0.02	0.01	0.01	49.56	ppb
Lead	208-1	0.02	0.02	0.01	0.02	26.94	ppb
Lithium	6-1				73		%
Magnesium	24-2	8.75	7.26	6.64	7.55	14.35	ppb

LB Number :	LB98243	Operator :	Jaswal
Lab Sample ID :	CCB16	Instrumnet Name :	P7
Client Sample ID :	CCB16	Dilution Factor :	1
Date & Time Acquired ::	2018-09-28 18:57:32	DataFile Name :	054CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	0.08	0.07	0.07	0.07	6.56	ppb
Molybdenum	94-1	0.35	0.20	0.19	0.25	35.99	ppb
Molybdenum	95-1	0.38	0.32	0.29	0.33	14.95	ppb
Molybdenum	96-1	0.40	0.33	0.26	0.33	21.52	ppb
Molybdenum	97-1	0.54	0.30	0.28	0.37	38.77	ppb
Molybdenum	98-1	0.38	0.34	0.28	0.33	16.48	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.00	0.02	0.00	0.00	307.52	ppb
Phosphorus	31-2	-9.39	-3.59	-9.55	-7.51		ppb
Potassium	39-2	9.65	8.00	13.50	10.38	27.20	ppb
Rhodium	103-1				85		%
Rhodium	103-2				87		%
Scandium	45-1				76		%
Scandium	45-2				71		%
Selenium	77-2	0.00	0.00	0.00	0.00	N/A	ppb
Selenium	78-2	-0.08	-0.55	-0.37	-0.33		ppb
Selenium	82-1	0.30	0.04	-0.08	0.09	223.33	ppb
Silicon	28-1	-0.86	-1.74	-1.99	-1.53		ppb
Silver	109-1	0.07	0.07	0.07	0.07	3.23	ppb
Silver	107-1	0.07	0.08	0.06	0.07	12.92	ppb
Sodium	23-2	31.39	30.61	28.20	30.07	5.54	ppb
Strontium	86-1	0.04	0.07	0.06	0.06	20.62	ppb
Strontium	88-1	0.04	0.03	0.04	0.04	14.43	ppb
Sulfur	34-1	-289.87	-303.93	-300.02	-297.94		ppb
Terbium	159-1				91		%
Terbium	159-2				86		%
Thallium	203-1	0.10	0.09	0.12	0.10	15.63	ppb
Thallium	205-1	0.10	0.10	0.10	0.10	1.95	ppb
Thorium	232-1	0.11	0.10	0.08	0.10	15.88	ppb
Tin	118-1	0.11	0.08	0.11	0.10	17.43	ppb
Titanium	47-1	0.16	0.10	0.13	0.13	23.70	ppb
Uranium	238-1	0.03	0.02	0.02	0.02	32.93	ppb
Vanadium	51-2	0.02	0.02	0.02	0.02	6.56	ppb
Yttrium	89-1				83		%
Yttrium	89-2				79		%

LB Number :	LB98243	Operator :	Jaswal
Lab Sample ID :	CCB16	Instrumnet Name :	P7
Client Sample ID :	CCB16	Dilution Factor :	1
Date & Time Acquired ::	2018-09-28 18:57:32	DataFile Name :	054CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zinc	66-2	0.38	0.33	0.25	0.32	19.71	ppb
Zirconium	90-1	0.05	0.04	0.06	0.05	19.85	ppb
Zirconium	91-1	0.06	0.03	0.03	0.04	33.11	ppb

LB Number :	LB98243	Operator :	Jaswal
Lab Sample ID :	S0	Instrumnet Name :	P7
Client Sample ID :	S0	Dilution Factor :	1
Date & Time Acquired ::	2018-09-28 15:41:35	DataFile Name :	003CALB.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	50	75	75	67	21.65	cps
Antimony	121-1	33	75	42	50	44.10	cps
Arsenic	75-2	2	2	6	3	69.39	cps
Barium	135-1	42	42	25	36	26.65	cps
Barium	137-1	58	33	17	36	58.08	cps
Beryllium	9-1	89	61	56	69	26.06	cps
Bismuth	209-1	5090227	5115307	5115252	5106929	0.28	cps
Bismuth	209-2	3077710	3109358	3124532	3103867	0.77	cps
Boron	10-1	767	483	600	617	23.09	cps
Boron	11-1	2667	2642	2367	2559	6.51	cps
Cadmium	111-1	1469	1388	1512	1456	4.33	cps
Cadmium	106-1	2092	1959	2150	2067	4.75	cps
Cadmium	108-1	0	0	8	3	173.21	cps
Calcium	43-1	100	83	117	100	16.66	cps
Calcium	44-1	4434	4868	4843	4715	5.16	cps
Chromium	52-2	523	397	473	464	13.74	cps
Cobalt	59-2	87	90	60	79	20.84	cps
Copper	63-2	1043	940	933	972	6.34	cps
Dysprosium	156-1	0	0	0	0	0.00	cps
Dysprosium	156-2	0	3	0	1	173.21	cps
Erbium	164-1	17	17	25	19	24.73	cps
Erbium	164-2	17	3	27	16	75.27	cps
Gadolinium	160-1	0	42	50	31	87.67	cps
Gadolinium	160-2	130	137	133	133	2.50	cps
Holmium	165-1	7997450	8011447	7951996	7986965	0.39	cps
Holmium	165-2	4443924	4461662	4487403	4464330	0.49	cps
Indium	115-1	6402627	6347879	6391079	6380528	0.45	cps
Indium	115-2	1338101	1341720	1366781	1348868	1.16	cps
Iron	56-2	2906	3212	3145	3087	5.21	cps
Iron	57-2	78	128	111	106	24.12	cps
Krypton	83-1	217	167	253	212	20.50	cps
Lead	206-1	256	344	256	285	18.00	cps
Lead	207-1	222	233	306	254	17.84	cps
Lead	208-1	1156	1172	1211	1180	2.42	cps
Lithium	6-1	3491071	3509265	3509727	3503354	0.30	cps
Magnesium	24-2	175	175	125	158	18.23	cps

LB Number :	LB98243	Operator :	Jaswal
Lab Sample ID :	S0	Instrumnet Name :	P7
Client Sample ID :	S0	Dilution Factor :	1
Date & Time Acquired ::	2018-09-28 15:41:35	DataFile Name :	003CALB.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	47	43	73	54	30.20	cps
Molybdenum	94-1	517	283	208	336	47.88	cps
Molybdenum	95-1	67	50	42	53	24.12	cps
Molybdenum	96-1	117	208	100	142	41.18	cps
Molybdenum	97-1	50	42	42	44	10.82	cps
Molybdenum	98-1	58	67	92	72	24.02	cps
Neodymium	150-1	0	0	0	0	0.00	cps
Neodymium	150-2	0	0	0	0	0.00	cps
Nickel	60-2	43	50	27	40	30.04	cps
Phosphorus	31-2	125	158	142	142	11.76	cps
Potassium	39-2	10471	10621	10646	10579	0.90	cps
Rhodium	103-1	6098252	6048152	6090921	6079108	0.45	cps
Rhodium	103-2	2876349	2866889	2886129	2876456	0.33	cps
Scandium	45-1	5109843	5091888	5137490	5113074	0.45	cps
Scandium	45-2	239339	245094	246852	243762	1.61	cps
Selenium	77-2	0	0	0	0	0.00	cps
Selenium	78-2	52	48	41	47	12.06	cps
Selenium	82-1	19	74	-9	28	150.14	cps
Silicon	28-1	204006	203591	205137	204244	0.39	cps
Silver	109-1	33	33	25	31	15.74	cps
Silver	107-1	67	50	83	67	25.00	cps
Sodium	23-2	6810	7402	6802	7005	4.91	cps
Strontium	86-1	317	358	375	350	8.59	cps
Strontium	88-1	75	100	117	97	21.57	cps
Sulfur	34-1	192021	193322	190433	191925	0.75	cps
Terbium	159-1	8411712	8450419	8452746	8438292	0.27	cps
Terbium	159-2	4462704	4524282	4515634	4500873	0.74	cps
Thallium	203-1	50	67	67	61	15.75	cps
Thallium	205-1	200	183	267	217	20.35	cps
Thorium	232-1	111	128	167	135	21.09	cps
Tin	118-1	742	650	892	761	16.03	cps
Titanium	47-1	58	42	58	53	18.23	cps
Uranium	238-1	242	150	133	175	33.33	cps
Vanadium	51-2	3	7	10	7	50.03	cps
Yttrium	89-1	7164529	7134961	7192698	7164063	0.40	cps
Yttrium	89-2	1119115	1126998	1144245	1130119	1.14	cps

LB Number :	LB98243	Operator :	Jaswal
Lab Sample ID :	S0	Instrumnet Name :	P7
Client Sample ID :	S0	Dilution Factor :	1
Date & Time Acquired ::	2018-09-28 15:41:35	DataFile Name :	003CALB.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zinc	66-2	350	287	357	331	11.67	cps
Zirconium	90-1	600	650	483	578	14.80	cps
Zirconium	91-1	150	117	150	139	13.86	cps

LB Number :	LB98243	Operator :	Jaswal
Lab Sample ID :	S2	Instrumnet Name :	P7
Client Sample ID :	S2	Dilution Factor :	1
Date & Time Acquired ::	2018-09-28 15:49:58	DataFile Name :	005CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	1975	2200	2450	2209	10.76	cps
Antimony	121-1	14074	13273	13199	13515	3.59	cps
Arsenic	75-2	304	306	296	302	1.62	cps
Barium	135-1	18471	17270	18521	18088	3.92	cps
Barium	137-1	31612	30251	31453	31105	2.39	cps
Beryllium	9-1	2911	3017	2884	2937	2.39	cps
Bismuth	209-1	4806830	5817778	5160020	5261543	9.75	cps
Bismuth	209-2	3030427	3030834	3049519	3036926	0.36	cps
Boron	10-1	11104	11280	11288	11224	0.92	cps
Boron	11-1	48537	49256	49766	49186	1.26	cps
Cadmium	111-1	3283	3583	3443	3436	4.37	cps
Cadmium	106-1	2200	2584	2217	2334	9.29	cps
Cadmium	108-1	142	150	179	157	12.55	cps
Calcium	43-1	14900	14299	14366	14521	2.27	cps
Calcium	44-1	235853	230951	232877	233227	1.06	cps
Chromium	52-2	6445	6355	6452	6417	0.84	cps
Cobalt	59-2	4421	4331	4367	4373	1.04	cps
Copper	63-2	6778	6708	7082	6856	2.90	cps
Dysprosium	156-1	8	0	17	8	100.02	cps
Dysprosium	156-2	0	7	0	2	173.21	cps
Erbium	164-1	58	17	67	47	56.72	cps
Erbium	164-2	13	20	13	16	24.76	cps
Gadolinium	160-1	25	50	42	39	32.73	cps
Gadolinium	160-2	130	120	93	114	16.56	cps
Holmium	165-1	7654241	9212004	8085213	8317152	9.67	cps
Holmium	165-2	4382716	4395157	4405924	4394599	0.26	cps
Indium	115-1	6059869	7237790	6407856	6568505	9.21	cps
Indium	115-2	1350064	1358576	1365254	1357965	0.56	cps
Iron	56-2	123716	123476	123420	123537	0.13	cps
Iron	57-2	2989	3412	3217	3206	6.59	cps
Krypton	83-1	220	223	233	226	3.08	cps
Lead	206-1	5935	6146	5696	5926	3.80	cps
Lead	207-1	5329	5335	5612	5425	2.99	cps
Lead	208-1	24304	24437	24109	24283	0.68	cps
Lithium	6-1	3412233	3996534	3593740	3667502	8.15	cps
Magnesium	24-2	126311	126345	127665	126774	0.61	cps

LB Number :	LB98243	Operator :	Jaswal
Lab Sample ID :	S2	Instrumnet Name :	P7
Client Sample ID :	S2	Dilution Factor :	1
Date & Time Acquired ::	2018-09-28 15:49:58	DataFile Name :	005CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	1890	1777	1797	1821	3.32	cps
Molybdenum	94-1	16510	15509	16193	16071	3.18	cps
Molybdenum	95-1	20799	19255	19914	19990	3.88	cps
Molybdenum	96-1	22393	21609	21734	21912	1.92	cps
Molybdenum	97-1	12706	12623	12464	12598	0.98	cps
Molybdenum	98-1	31286	31035	31761	31361	1.18	cps
Neodymium	150-1	0	7	7	4	86.60	cps
Neodymium	150-2	3	3	0	2	86.60	cps
Nickel	60-2	1323	1240	1100	1221	9.24	cps
Phosphorus	31-2	175	133	167	158	13.92	cps
Potassium	39-2	124367	126528	124443	125112	0.98	cps
Rhodium	103-1	5775765	6949344	6187663	6304257	9.44	cps
Rhodium	103-2	3017317	3006814	3017532	3013888	0.20	cps
Scandium	45-1	4883620	5844501	5214755	5314292	9.18	cps
Scandium	45-2	240716	242810	249085	244204	1.78	cps
Selenium	77-2	37	13	27	26	45.82	cps
Selenium	78-2	185	185	219	196	9.80	cps
Selenium	82-1	800	784	815	800	1.92	cps
Silicon	28-1	303266	305154	306100	304840	0.47	cps
Silver	109-1	9812	9087	8811	9237	5.60	cps
Silver	107-1	9554	10037	9395	9662	3.46	cps
Sodium	23-2	254388	251702	255244	253778	0.73	cps
Strontium	86-1	2892	3109	2942	2981	3.81	cps
Strontium	88-1	22493	22694	21792	22326	2.12	cps
Sulfur	34-1	189145	187542	188806	188498	0.45	cps
Terbium	159-1	8011972	9679190	8615045	8768736	9.63	cps
Terbium	159-2	4430650	4433404	4452936	4438997	0.27	cps
Thallium	203-1	6877	7169	7111	7052	2.19	cps
Thallium	205-1	17070	16119	16953	16714	3.10	cps
Thorium	232-1	25442	25664	25208	25438	0.90	cps
Tin	118-1	30885	30860	31862	31202	1.83	cps
Titanium	47-1	6977	6818	6743	6846	1.74	cps
Uranium	238-1	25025	23764	25317	24702	3.34	cps
Vanadium	51-2	11982	11722	11465	11723	2.21	cps
Yttrium	89-1	6790053	8278975	7235041	7434689	10.28	cps
Yttrium	89-2	1120190	1124389	1138098	1127559	0.83	cps

LB Number :	LB98243	Operator :	Jaswal
Lab Sample ID :	S2	Instrumnet Name :	P7
Client Sample ID :	S2	Dilution Factor :	1
Date & Time Acquired ::	2018-09-28 15:49:58	DataFile Name :	005CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zinc	66-2	1300	1070	1183	1185	9.71	cps
Zirconium	90-1	14074	14249	14316	14213	0.88	cps
Zirconium	91-1	3217	3301	3384	3301	2.53	cps

LB Number :	LB98243	Operator :	Jaswal
Lab Sample ID :	S3	Instrumnet Name :	P7
Client Sample ID :	S3	Dilution Factor :	1
Date & Time Acquired ::	2018-09-28 15:53:52	DataFile Name :	006CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	106317	104740	103457	104838	1.37	cps
Antimony	121-1	346004	346902	350053	347653	0.61	cps
Arsenic	75-2	13783	13699	13532	13671	0.93	cps
Barium	135-1	451230	451555	457411	453399	0.77	cps
Barium	137-1	785494	782606	789379	785827	0.43	cps
Beryllium	9-1	145865	147413	146942	146740	0.54	cps
Bismuth	209-1	4920390	4940328	4948206	4936308	0.29	cps
Bismuth	209-2	2945857	2931171	2929941	2935657	0.30	cps
Boron	10-1	22893	23168	23244	23102	0.80	cps
Boron	11-1	100424	101221	102555	101400	1.06	cps
Cadmium	111-1	100041	100462	101579	100694	0.79	cps
Cadmium	106-1	12423	13006	12915	12781	2.46	cps
Cadmium	108-1	7911	7594	7315	7606	3.92	cps
Calcium	43-1	147647	147993	145451	147030	0.94	cps
Calcium	44-1	2262067	2244640	2233624	2246777	0.64	cps
Chromium	52-2	136353	136329	135391	136024	0.40	cps
Cobalt	59-2	204564	205399	203983	204649	0.35	cps
Copper	63-2	273336	273876	270811	272675	0.60	cps
Dysprosium	156-1	25	8	17	17	50.01	cps
Dysprosium	156-2	3	10	13	9	57.30	cps
Erbium	164-1	42	0	50	31	87.67	cps
Erbium	164-2	10	7	17	11	45.82	cps
Gadolinium	160-1	25	33	67	42	52.92	cps
Gadolinium	160-2	153	137	127	139	9.70	cps
Holmium	165-1	7867008	7850175	7793638	7836940	0.49	cps
Holmium	165-2	4243902	4240922	4240350	4241725	0.04	cps
Indium	115-1	6098932	6110963	6091758	6100551	0.16	cps
Indium	115-2	1315202	1302585	1316064	1311283	0.58	cps
Iron	56-2	5659775	5613354	5586432	5619853	0.66	cps
Iron	57-2	137958	138379	137707	138015	0.25	cps
Krypton	83-1	210	250	210	223	10.34	cps
Lead	206-1	289722	292013	292694	291476	0.53	cps
Lead	207-1	266714	269821	268254	268263	0.58	cps
Lead	208-1	1182949	1199379	1193316	1191881	0.70	cps
Lithium	6-1	3480760	3456760	3452421	3463314	0.44	cps
Magnesium	24-2	1203626	1198832	1191353	1197937	0.52	cps

LB Number :	LB98243	Operator :	Jaswal
Lab Sample ID :	S3	Instrumnet Name :	P7
Client Sample ID :	S3	Dilution Factor :	1
Date & Time Acquired ::	2018-09-28 15:53:52	DataFile Name :	006CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	168111	165218	166234	166521	0.88	cps
Molybdenum	94-1	794821	794773	795254	794949	0.03	cps
Molybdenum	95-1	966919	967286	957905	964037	0.55	cps
Molybdenum	96-1	1066503	1067819	1067680	1067334	0.07	cps
Molybdenum	97-1	608306	612220	609432	609986	0.33	cps
Molybdenum	98-1	1538984	1541327	1538779	1539697	0.09	cps
Neodymium	150-1	40	13	40	31	49.50	cps
Neodymium	150-2	0	0	7	2	173.21	cps
Nickel	60-2	52651	52735	51447	52277	1.38	cps
Phosphorus	31-2	5935	5901	5701	5846	2.16	cps
Potassium	39-2	547433	540958	542997	543796	0.61	cps
Rhodium	103-1	5816347	5823497	5804798	5814881	0.16	cps
Rhodium	103-2	2849612	2828243	2838259	2838704	0.38	cps
Scandium	45-1	4926661	4919628	4897853	4914714	0.31	cps
Scandium	45-2	229865	229513	230148	229842	0.14	cps
Selenium	77-2	440	370	427	412	9.02	cps
Selenium	78-2	1309	1317	1441	1356	5.45	cps
Selenium	82-1	7786	7923	7908	7872	0.95	cps
Silicon	28-1	575642	574917	576958	575839	0.18	cps
Silver	109-1	476554	478026	477497	477359	0.16	cps
Silver	107-1	492738	502873	492957	496189	1.17	cps
Sodium	23-2	2293892	2293233	2315046	2300724	0.54	cps
Strontium	86-1	128764	130480	132448	130564	1.41	cps
Strontium	88-1	1098341	1090401	1089703	1092815	0.44	cps
Sulfur	34-1	246576	245624	239892	244031	1.48	cps
Terbium	159-1	8196729	8237744	8243238	8225903	0.31	cps
Terbium	159-2	4295052	4270031	4300974	4288686	0.38	cps
Thallium	203-1	352272	357394	356216	355294	0.76	cps
Thallium	205-1	837102	837990	847933	841008	0.72	cps
Thorium	232-1	1267415	1272898	1280803	1273705	0.53	cps
Tin	118-1	309704	306983	309439	308709	0.49	cps
Titanium	47-1	323469	323432	317890	321597	1.00	cps
Uranium	238-1	1227117	1217139	1234292	1226183	0.70	cps
Vanadium	51-2	110268	109670	111286	110408	0.74	cps
Yttrium	89-1	6895637	6847541	6802926	6848701	0.68	cps
Yttrium	89-2	1078129	1069358	1077011	1074833	0.44	cps

LB Number :	LB98243	Operator :	Jaswal
Lab Sample ID :	S3	Instrumnet Name :	P7
Client Sample ID :	S3	Dilution Factor :	1
Date & Time Acquired ::	2018-09-28 15:53:52	DataFile Name :	006CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zinc	66-2	85180	84399	84278	84619	0.58	cps
Zirconium	90-1	676878	672638	673739	674418	0.33	cps
Zirconium	91-1	151427	152125	148547	150700	1.26	cps

LB Number :	LB98243	Operator :	Jaswal
Lab Sample ID :	S4	Instrumnet Name :	P7
Client Sample ID :	S4	Dilution Factor :	1
Date & Time Acquired ::	2018-09-28 15:58:04	DataFile Name :	007CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	248054	245109	245423	246195	0.66	cps
Antimony	121-1	835748	841548	842894	840063	0.45	cps
Arsenic	75-2	32551	31571	32366	32163	1.62	cps
Barium	135-1	1097134	1090292	1091225	1092883	0.34	cps
Barium	137-1	1870271	1881199	1884209	1878560	0.39	cps
Beryllium	9-1	343888	345669	345376	344978	0.28	cps
Bismuth	209-1	4813442	4802278	4820501	4812074	0.19	cps
Bismuth	209-2	2834705	2830970	2801220	2822298	0.65	cps
Boron	10-1	51539	53253	54307	53033	2.63	cps
Boron	11-1	228824	237760	239392	235325	2.42	cps
Cadmium	111-1	240502	239908	240338	240249	0.13	cps
Cadmium	106-1	27269	27628	27486	27461	0.66	cps
Cadmium	108-1	18020	18187	18441	18216	1.16	cps
Calcium	43-1	351009	351914	348042	350322	0.58	cps
Calcium	44-1	5358573	5324202	5264937	5315904	0.89	cps
Chromium	52-2	318501	318779	316558	317946	0.38	cps
Cobalt	59-2	477807	481663	478082	479184	0.45	cps
Copper	63-2	635556	636982	635366	635968	0.14	cps
Dysprosium	156-1	50	17	25	31	56.77	cps
Dysprosium	156-2	20	23	23	22	8.65	cps
Erbium	164-1	50	25	25	33	43.30	cps
Erbium	164-2	7	20	17	14	48.02	cps
Gadolinium	160-1	25	42	67	44	47.19	cps
Gadolinium	160-2	100	93	133	109	19.68	cps
Holmium	165-1	7645049	7617921	7629193	7630721	0.18	cps
Holmium	165-2	4156480	4102817	4088494	4115930	0.87	cps
Indium	115-1	5843807	5808477	5804620	5818968	0.37	cps
Indium	115-2	1251385	1245109	1244737	1247077	0.30	cps
Iron	56-2	13310969	13334554	13236319	13293947	0.39	cps
Iron	57-2	324046	324771	324936	324584	0.15	cps
Krypton	83-1	180	227	233	213	13.62	cps
Lead	206-1	705607	697546	704222	702458	0.61	cps
Lead	207-1	651345	649966	653593	651635	0.28	cps
Lead	208-1	2888855	2874045	2889792	2884231	0.31	cps
Lithium	6-1	3284480	3248981	3274668	3269377	0.56	cps
Magnesium	24-2	2847314	2828279	2829281	2834958	0.38	cps

LB Number :	LB98243	Operator :	Jaswal
Lab Sample ID :	S4	Instrumnet Name :	P7
Client Sample ID :	S4	Dilution Factor :	1
Date & Time Acquired ::	2018-09-28 15:58:04	DataFile Name :	007CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	393979	394222	392929	393710	0.17	cps
Molybdenum	94-1	1887174	1875816	1884118	1882370	0.31	cps
Molybdenum	95-1	2290005	2290561	2275123	2285230	0.38	cps
Molybdenum	96-1	2521877	2540807	2490360	2517681	1.01	cps
Molybdenum	97-1	1425800	1428442	1425530	1426591	0.11	cps
Molybdenum	98-1	3639483	3636268	3582507	3619419	0.88	cps
Neodymium	150-1	107	80	120	102	19.92	cps
Neodymium	150-2	30	13	7	17	72.11	cps
Nickel	60-2	124391	123105	123383	123627	0.55	cps
Phosphorus	31-2	13957	13281	13298	13512	2.85	cps
Potassium	39-2	1235559	1250419	1243715	1243231	0.60	cps
Rhodium	103-1	5504552	5463898	5398609	5455686	0.98	cps
Rhodium	103-2	2670163	2660709	2655951	2662274	0.27	cps
Scandium	45-1	4646006	4621813	4575292	4614370	0.78	cps
Scandium	45-2	212453	214938	213238	213543	0.59	cps
Selenium	77-2	907	913	997	939	5.34	cps
Selenium	78-2	3093	3262	3089	3148	3.13	cps
Selenium	82-1	18798	18752	18651	18734	0.40	cps
Silicon	28-1	1035649	1035909	1043072	1038210	0.41	cps
Silver	109-1	1120939	1123112	1119505	1121185	0.16	cps
Silver	107-1	1165386	1167113	1159851	1164117	0.33	cps
Sodium	23-2	5428085	5442430	5416745	5429087	0.24	cps
Strontium	86-1	309110	308838	311586	309845	0.49	cps
Strontium	88-1	2595003	2580628	2586328	2587320	0.28	cps
Sulfur	34-1	294320	289045	285465	289610	1.54	cps
Terbium	159-1	8039509	8017393	7999650	8018851	0.25	cps
Terbium	159-2	4154744	4167043	4118219	4146669	0.61	cps
Thallium	203-1	865566	862013	875050	867543	0.78	cps
Thallium	205-1	2014858	1987715	2003942	2002172	0.68	cps
Thorium	232-1	3105329	3147681	3149841	3134284	0.80	cps
Tin	118-1	736447	738663	743817	739642	0.51	cps
Titanium	47-1	755070	759161	746581	753604	0.85	cps
Uranium	238-1	2967987	2963940	2996270	2976066	0.59	cps
Vanadium	51-2	260754	261194	258727	260225	0.51	cps
Yttrium	89-1	6560994	6543189	6536265	6546816	0.19	cps
Yttrium	89-2	1023532	1021902	1017549	1020994	0.30	cps

LB Number :	LB98243	Operator :	Jaswal
Lab Sample ID :	S4	Instrumnet Name :	P7
Client Sample ID :	S4	Dilution Factor :	1
Date & Time Acquired ::	2018-09-28 15:58:04	DataFile Name :	007CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zinc	66-2	268772	271250	269881	269968	0.46	cps
Zirconium	90-1	1597663	1600724	1576207	1591532	0.84	cps
Zirconium	91-1	366127	365657	366739	366174	0.15	cps

LB Number :	LB98243	Operator :	Jaswal
Lab Sample ID :	S5	Instrumnet Name :	P7
Client Sample ID :	S5	Dilution Factor :	1
Date & Time Acquired ::	2018-09-28 16:01:53	DataFile Name :	008CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	463960	462027	463702	463230	0.23	cps
Antimony	121-1	1578340	1591332	1581888	1583853	0.42	cps
Arsenic	75-2	61555	60631	61129	61105	0.76	cps
Barium	135-1	2057849	2074439	2088608	2073632	0.74	cps
Barium	137-1	3666782	3646206	3663732	3658907	0.30	cps
Beryllium	9-1	633619	632932	631190	632580	0.20	cps
Bismuth	209-1	4692316	4672765	4704726	4689936	0.34	cps
Bismuth	209-2	2768846	2751830	2750782	2757153	0.37	cps
Boron	10-1	100014	102136	103612	101921	1.77	cps
Boron	11-1	446768	455001	460033	453934	1.48	cps
Cadmium	111-1	449025	451003	456873	452300	0.90	cps
Cadmium	106-1	49061	49613	50566	49746	1.53	cps
Cadmium	108-1	33143	33281	33619	33348	0.73	cps
Calcium	43-1	655776	649687	656572	654012	0.58	cps
Calcium	44-1	10278427	10134063	10234448	10215646	0.72	cps
Chromium	52-2	602675	609275	608631	606860	0.60	cps
Cobalt	59-2	904297	907841	907860	906666	0.23	cps
Copper	63-2	1197659	1203169	1194769	1198532	0.36	cps
Dysprosium	156-1	8	50	33	31	68.64	cps
Dysprosium	156-2	37	43	37	39	9.89	cps
Erbium	164-1	33	8	33	25	57.74	cps
Erbium	164-2	23	27	7	19	56.72	cps
Gadolinium	160-1	67	25	50	47	44.41	cps
Gadolinium	160-2	90	127	90	102	20.71	cps
Holmium	165-1	7555519	7507267	7562019	7541602	0.40	cps
Holmium	165-2	4091260	4088401	4085369	4088344	0.07	cps
Indium	115-1	5600873	5618060	5653837	5624257	0.48	cps
Indium	115-2	1217216	1222888	1220933	1220346	0.24	cps
Iron	56-2	25519070	25303631	25474512	25432405	0.45	cps
Iron	57-2	617443	621228	621631	620101	0.37	cps
Krypton	83-1	217	223	237	226	4.51	cps
Lead	206-1	1348080	1352108	1363100	1354429	0.57	cps
Lead	207-1	1254846	1256800	1265458	1259034	0.45	cps
Lead	208-1	5593135	5556833	5597384	5582451	0.40	cps
Lithium	6-1	3095393	3091723	3095772	3094296	0.07	cps
Magnesium	24-2	5443680	5412727	5407905	5421437	0.36	cps

LB Number :	LB98243	Operator :	Jaswal
Lab Sample ID :	S5	Instrumnet Name :	P7
Client Sample ID :	S5	Dilution Factor :	1
Date & Time Acquired ::	2018-09-28 16:01:53	DataFile Name :	008CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	749233	751669	755536	752146	0.42	cps
Molybdenum	94-1	3676609	3670128	3671080	3672606	0.10	cps
Molybdenum	95-1	4430386	4436840	4439573	4435600	0.11	cps
Molybdenum	96-1	4915738	4914141	4898793	4909557	0.19	cps
Molybdenum	97-1	2791333	2817029	2796517	2801626	0.49	cps
Molybdenum	98-1	7034211	7047116	7032985	7038104	0.11	cps
Neodymium	150-1	187	120	153	153	21.74	cps
Neodymium	150-2	13	10	20	14	35.26	cps
Nickel	60-2	235633	233255	233306	234065	0.58	cps
Phosphorus	31-2	26291	25690	24972	25651	2.57	cps
Potassium	39-2	2384858	2362827	2378252	2375312	0.48	cps
Rhodium	103-1	5202644	5192670	5216014	5203776	0.23	cps
Rhodium	103-2	2606866	2596895	2573943	2592568	0.65	cps
Scandium	45-1	4447149	4393317	4431599	4424022	0.63	cps
Scandium	45-2	206694	208167	207133	207331	0.36	cps
Selenium	77-2	1827	1793	1687	1769	4.13	cps
Selenium	78-2	5805	5770	5647	5741	1.44	cps
Selenium	82-1	35288	34930	35606	35275	0.96	cps
Silicon	28-1	1762565	1768091	1776264	1768973	0.39	cps
Silver	109-1	2121084	2070382	2115663	2102376	1.32	cps
Silver	107-1	2229684	2217911	2216487	2221361	0.33	cps
Sodium	23-2	10450797	10362061	10366519	10393126	0.48	cps
Strontium	86-1	597626	598641	605533	600600	0.72	cps
Strontium	88-1	5048515	5026610	5033806	5036311	0.22	cps
Sulfur	34-1	383734	376178	376280	378731	1.14	cps
Terbium	159-1	7955433	7863836	7869372	7896213	0.65	cps
Terbium	159-2	4132733	4126550	4092944	4117409	0.52	cps
Thallium	203-1	1641541	1660825	1680668	1661012	1.18	cps
Thallium	205-1	3968595	3960675	3964282	3964517	0.10	cps
Thorium	232-1	6258114	6258206	6239037	6251786	0.18	cps
Tin	118-1	1394988	1424758	1411952	1410566	1.06	cps
Titanium	47-1	1415452	1414833	1422883	1417723	0.32	cps
Uranium	238-1	5912373	5923376	5927323	5921024	0.13	cps
Vanadium	51-2	500637	500317	502526	501160	0.24	cps
Yttrium	89-1	6341161	6309802	6277398	6309453	0.51	cps
Yttrium	89-2	1001832	1008095	1003124	1004350	0.33	cps

LB Number :	LB98243	Operator :	Jaswal
Lab Sample ID :	S5	Instrumnet Name :	P7
Client Sample ID :	S5	Dilution Factor :	1
Date & Time Acquired ::	2018-09-28 16:01:53	DataFile Name :	008CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zinc	66-2	363365	366460	363044	364290	0.52	cps
Zirconium	90-1	3131299	3098912	3092549	3107587	0.67	cps
Zirconium	91-1	691660	689857	701101	694206	0.87	cps

LB Number :	LB98243	Operator :	Jaswal
Lab Sample ID :	S6	Instrumnet Name :	P7
Client Sample ID :	S6	Dilution Factor :	1
Date & Time Acquired ::	2018-09-28 16:05:41	DataFile Name :	009CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	916915	929341	921947	922734	0.68	cps
Antimony	121-1	3118057	3132547	3142581	3131062	0.39	cps
Arsenic	75-2	120557	122645	121672	121625	0.86	cps
Barium	135-1	4169725	4186124	4174741	4176864	0.20	cps
Barium	137-1	7188036	7212445	7218521	7206334	0.22	cps
Beryllium	9-1	1187902	1196351	1204577	1196277	0.70	cps
Bismuth	209-1	4983450	4950801	4607422	4847225	4.30	cps
Bismuth	209-2	2704933	2700400	2715832	2707055	0.29	cps
Boron	10-1	197238	197911	200945	198698	0.99	cps
Boron	11-1	862647	876465	888386	875832	1.47	cps
Cadmium	111-1	846066	860096	864036	856733	1.10	cps
Cadmium	106-1	93347	94363	95806	94505	1.31	cps
Cadmium	108-1	63667	63198	64379	63748	0.93	cps
Calcium	43-1	1250956	1259213	1267352	1259174	0.65	cps
Calcium	44-1	19917449	19827216	20018047	19920904	0.48	cps
Chromium	52-2	1189214	1194996	1209741	1197984	0.88	cps
Cobalt	59-2	1763225	1773552	1771059	1769278	0.30	cps
Copper	63-2	2324782	2327798	2318239	2323606	0.21	cps
Dysprosium	156-1	42	67	25	44	47.19	cps
Dysprosium	156-2	63	97	77	79	21.27	cps
Erbium	164-1	58	58	42	53	18.23	cps
Erbium	164-2	7	27	13	16	65.47	cps
Gadolinium	160-1	50	75	58	61	20.83	cps
Gadolinium	160-2	120	110	117	116	4.41	cps
Holmium	165-1	8161296	8098193	7575286	7944925	4.05	cps
Holmium	165-2	4115412	4112036	4110653	4112700	0.06	cps
Indium	115-1	6039718	5940240	5590867	5856942	4.02	cps
Indium	115-2	1192453	1199147	1220600	1204066	1.22	cps
Iron	56-2	50645454	50930469	50761803	50779242	0.28	cps
Iron	57-2	1215638	1224844	1234272	1224918	0.76	cps
Krypton	83-1	227	237	193	219	10.36	cps
Lead	206-1	2684346	2676458	2685109	2681971	0.18	cps
Lead	207-1	2461798	2463154	2479285	2468079	0.39	cps
Lead	208-1	10937677	10961346	11017946	10972323	0.38	cps
Lithium	6-1	3270762	3208634	3047223	3175540	3.63	cps
Magnesium	24-2	10746262	10845234	10718486	10769994	0.62	cps

LB Number :	LB98243	Operator :	Jaswal
Lab Sample ID :	S6	Instrumnet Name :	P7
Client Sample ID :	S6	Dilution Factor :	1
Date & Time Acquired ::	2018-09-28 16:05:41	DataFile Name :	009CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	1469819	1485246	1487695	1480920	0.65	cps
Molybdenum	94-1	7213407	7209179	7277151	7233246	0.53	cps
Molybdenum	95-1	8706706	8745434	8793403	8748514	0.50	cps
Molybdenum	96-1	9594622	9640252	9745864	9660246	0.80	cps
Molybdenum	97-1	5495406	5540125	5600124	5545218	0.95	cps
Molybdenum	98-1	13811491	13929649	14035054	13925398	0.80	cps
Neodymium	150-1	213	247	260	240	10.02	cps
Neodymium	150-2	27	17	40	28	42.13	cps
Nickel	60-2	452236	458962	458167	456455	0.81	cps
Phosphorus	31-2	51256	52309	50904	51490	1.42	cps
Potassium	39-2	4722658	4757740	4732061	4737487	0.38	cps
Rhodium	103-1	5561274	5499181	5154405	5404954	4.06	cps
Rhodium	103-2	2547795	2543778	2547324	2546299	0.09	cps
Scandium	45-1	4745911	4657446	4413980	4605779	3.73	cps
Scandium	45-2	207454	210678	210432	209521	0.86	cps
Selenium	77-2	3404	3157	3587	3383	6.38	cps
Selenium	78-2	11425	11384	11377	11395	0.23	cps
Selenium	82-1	66557	67822	68113	67497	1.23	cps
Silicon	28-1	3188425	3222260	3228049	3212911	0.67	cps
Silver	109-1	4044245	4079537	4104025	4075936	0.74	cps
Silver	107-1	4260111	4306052	4337632	4301265	0.91	cps
Sodium	23-2	20726240	20736987	20571134	20678120	0.45	cps
Strontium	86-1	1145578	1161882	1165579	1157679	0.92	cps
Strontium	88-1	9924400	10010415	9918255	9951023	0.52	cps
Sulfur	34-1	583630	593656	590690	589325	0.87	cps
Terbium	159-1	8583085	8456513	7940525	8326708	4.09	cps
Terbium	159-2	4100949	4106660	4138846	4115485	0.50	cps
Thallium	203-1	3317992	3317324	3322315	3319211	0.08	cps
Thallium	205-1	7825881	7794248	7793295	7804475	0.24	cps
Thorium	232-1	12447034	12370696	12365540	12394423	0.37	cps
Tin	118-1	2773263	2802411	2820158	2798610	0.85	cps
Titanium	47-1	2815478	2801756	2859953	2825729	1.08	cps
Uranium	238-1	11815489	11809133	11880528	11835050	0.33	cps
Vanadium	51-2	988506	999764	1002108	996793	0.73	cps
Yttrium	89-1	6872267	6775511	6354485	6667421	4.13	cps
Yttrium	89-2	1002922	1012550	1019275	1011582	0.81	cps

LB Number :	LB98243	Operator :	Jaswal
Lab Sample ID :	S6	Instrumnet Name :	P7
Client Sample ID :	S6	Dilution Factor :	1
Date & Time Acquired ::	2018-09-28 16:05:41	DataFile Name :	009CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zinc	66-2	498617	505062	504252	502644	0.70	cps
Zirconium	90-1	6093078	6118561	6158933	6123524	0.54	cps
Zirconium	91-1	1324277	1343575	1363428	1343760	1.46	cps

LB Number :	LB98243	Operator :	Jaswal
Lab Sample ID :	S7	Instrumnet Name :	P7
Client Sample ID :	S7	Dilution Factor :	1
Date & Time Acquired ::	2018-09-28 16:09:26	DataFile Name :	010CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	1837396	1820917	1852807	1837040	0.87	cps
Antimony	121-1	6199036	6255206	6244450	6232897	0.48	cps
Arsenic	75-2	236424	236914	238833	237391	0.54	cps
Barium	135-1	8339993	8391379	8365533	8365635	0.31	cps
Barium	137-1	14366324	14464414	14608095	14479611	0.84	cps
Beryllium	9-1	2348461	2357900	2354582	2353648	0.20	cps
Bismuth	209-1	4496699	4487996	4533864	4506186	0.54	cps
Bismuth	209-2	2594329	2590793	2650852	2611992	1.29	cps
Boron	10-1	371495	385088	388712	381765	2.38	cps
Boron	11-1	1648941	1705193	1718462	1690865	2.18	cps
Cadmium	111-1	1625746	1642072	1643326	1637048	0.60	cps
Cadmium	106-1	182078	183261	184260	183200	0.60	cps
Cadmium	108-1	123868	127151	127084	126034	1.49	cps
Calcium	43-1	2556338	2566039	2552507	2558295	0.27	cps
Calcium	44-1	40163588	40482935	40162199	40269574	0.46	cps
Chromium	52-2	2381670	2375859	2393043	2383524	0.37	cps
Cobalt	59-2	3517965	3518039	3543383	3526462	0.42	cps
Copper	63-2	4544080	4550776	4559248	4551368	0.17	cps
Dysprosium	156-1	150	117	133	133	12.50	cps
Dysprosium	156-2	147	133	130	137	6.45	cps
Erbium	164-1	50	17	42	36	48.03	cps
Erbium	164-2	13	10	17	13	25.01	cps
Gadolinium	160-1	92	92	75	86	11.18	cps
Gadolinium	160-2	123	130	87	113	20.59	cps
Holmium	165-1	7642598	7604627	7623541	7623588	0.25	cps
Holmium	165-2	4027614	4034058	4126193	4062622	1.36	cps
Indium	115-1	5477863	5480420	5501399	5486561	0.24	cps
Indium	115-2	1146260	1148871	1180747	1158626	1.66	cps
Iron	56-2	101614383	101005322	101660897	101426867	0.36	cps
Iron	57-2	2448609	2436641	2449764	2445005	0.30	cps
Krypton	83-1	237	213	220	223	5.38	cps
Lead	206-1	5327933	5298863	5360614	5329137	0.58	cps
Lead	207-1	4885426	4892238	4898404	4892023	0.13	cps
Lead	208-1	21734186	21730591	21788760	21751179	0.15	cps
Lithium	6-1	3045702	3037928	3048239	3043956	0.18	cps
Magnesium	24-2	21803394	21638584	21881819	21774599	0.57	cps

LB Number :	LB98243	Operator :	Jaswal
Lab Sample ID :	S7	Instrumnet Name :	P7
Client Sample ID :	S7	Dilution Factor :	1
Date & Time Acquired ::	2018-09-28 16:09:26	DataFile Name :	010CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	2931827	2904394	2942126	2926116	0.67	cps
Molybdenum	94-1	14529359	14581807	14653704	14588290	0.43	cps
Molybdenum	95-1	17549928	17622157	17684135	17618740	0.38	cps
Molybdenum	96-1	19298943	19429468	19448135	19392182	0.42	cps
Molybdenum	97-1	11119879	11104457	11169232	11131189	0.30	cps
Molybdenum	98-1	27839681	27893187	28123257	27952042	0.54	cps
Neodymium	150-1	493	547	533	524	5.29	cps
Neodymium	150-2	47	67	60	58	17.62	cps
Nickel	60-2	870258	873455	879744	874486	0.55	cps
Phosphorus	31-2	101360	101126	104975	102487	2.11	cps
Potassium	39-2	9571651	9535644	9673310	9593535	0.74	cps
Rhodium	103-1	5023158	4979730	5065241	5022710	0.85	cps
Rhodium	103-2	2454911	2438423	2504952	2466095	1.40	cps
Scandium	45-1	4410134	4439933	4419768	4423278	0.34	cps
Scandium	45-2	209752	205707	213377	209612	1.83	cps
Selenium	77-2	6742	6615	6565	6640	1.37	cps
Selenium	78-2	22664	22202	22664	22510	1.18	cps
Selenium	82-1	131307	132320	132226	131951	0.42	cps
Silicon	28-1	5788921	5841503	5875734	5835386	0.75	cps
Silver	109-1	7194839	7228191	7174787	7199272	0.37	cps
Silver	107-1	7519785	7579182	7593559	7564175	0.52	cps
Sodium	23-2	42180151	42000238	42208507	42129632	0.27	cps
Strontium	86-1	2304440	2314949	2326449	2315280	0.48	cps
Strontium	88-1	19893828	20087099	20058976	20013301	0.52	cps
Sulfur	34-1	1043291	1054214	1061700	1053068	0.88	cps
Terbium	159-1	7986757	7951360	7990117	7976078	0.27	cps
Terbium	159-2	4061434	4064292	4154416	4093380	1.29	cps
Thallium	203-1	6573577	6559993	6655475	6596349	0.78	cps
Thallium	205-1	15514558	15420747	15573405	15502903	0.50	cps
Thorium	232-1	24952578	25074128	25191128	25072611	0.48	cps
Tin	118-1	5579654	5592593	5592415	5588220	0.13	cps
Titanium	47-1	5706951	5707344	5708139	5707478	0.01	cps
Uranium	238-1	23601761	23806077	23681192	23696343	0.43	cps
Vanadium	51-2	1965962	1977077	1993481	1978840	0.70	cps
Yttrium	89-1	6378510	6382714	6404436	6388553	0.22	cps
Yttrium	89-2	986852	986080	1011240	994724	1.44	cps

LB Number :	LB98243	Operator :	Jaswal
Lab Sample ID :	S7	Instrumnet Name :	P7
Client Sample ID :	S7	Dilution Factor :	1
Date & Time Acquired ::	2018-09-28 16:09:26	DataFile Name :	010CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zinc	66-2	827477	827565	833719	829587	0.43	cps
Zirconium	90-1	12401418	12438227	12580061	12473235	0.76	cps
Zirconium	91-1	2720559	2724550	2768958	2738023	0.98	cps

LB Number :	LB98243	Operator :	Jaswal
Lab Sample ID :	S8	Instrumnet Name :	P7
Client Sample ID :	S8	Dilution Factor :	1
Date & Time Acquired ::	2018-09-28 16:13:12	DataFile Name :	011CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	10215613	10335823	10433986	10328474	1.06	cps
Antimony	121-1	13465	14333	14274	14024	3.46	cps
Arsenic	75-2	315	330	381	342	10.24	cps
Barium	135-1	2967	2950	3059	2992	1.95	cps
Barium	137-1	4909	5043	5101	5018	1.96	cps
Beryllium	9-1	472	433	344	417	15.72	cps
Bismuth	209-1	3875380	3881384	3726432	3827732	2.29	cps
Bismuth	209-2	2262613	2267131	2246163	2258636	0.49	cps
Boron	10-1	24938	22718	22150	23269	6.33	cps
Boron	11-1	109453	102009	93890	101784	7.65	cps
Cadmium	111-1	1557	1606	1456	1540	4.98	cps
Cadmium	106-1	1942	1909	1767	1872	4.96	cps
Cadmium	108-1	63	54	50	56	11.46	cps
Calcium	43-1	13021333	13138659	13196735	13118909	0.68	cps
Calcium	44-1	206377255	206840017	209834926	207684066	0.90	cps
Chromium	52-2	113043	113496	114419	113653	0.62	cps
Cobalt	59-2	46376	45126	45230	45577	1.52	cps
Copper	63-2	10741	10464	10801	10668	1.68	cps
Dysprosium	156-1	125	125	142	131	7.37	cps
Dysprosium	156-2	40	30	33	34	14.78	cps
Erbium	164-1	58	42	58	53	18.23	cps
Erbium	164-2	20	27	17	21	24.12	cps
Gadolinium	160-1	92	83	83	86	5.58	cps
Gadolinium	160-2	103	130	103	112	13.72	cps
Holmium	165-1	7154291	7236314	6921137	7103914	2.30	cps
Holmium	165-2	3899382	3884356	3884236	3889325	0.22	cps
Indium	115-1	5168800	5205629	5038739	5137723	1.71	cps
Indium	115-2	1133916	1139119	1136738	1136591	0.23	cps
Iron	56-2	510309578	512999889	514313078	512540848	0.40	cps
Iron	57-2	12295587	12382645	12429691	12369308	0.55	cps
Krypton	83-1	207	237	243	229	8.53	cps
Lead	206-1	7369	7274	7219	7287	1.04	cps
Lead	207-1	5951	5929	6124	6002	1.77	cps
Lead	208-1	28374	28157	28724	28418	1.01	cps
Lithium	6-1	2973197	3007438	2945204	2975280	1.05	cps
Magnesium	24-2	116238853	116485732	117236236	116653607	0.45	cps

LB Number :	LB98243	Operator :	Jaswal
Lab Sample ID :	S8	Instrumnet Name :	P7
Client Sample ID :	S8	Dilution Factor :	1
Date & Time Acquired ::	2018-09-28 16:13:12	DataFile Name :	011CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	19323	19603	19577	19501	0.79	cps
Molybdenum	94-1	15801	16927	16418	16382	3.44	cps
Molybdenum	95-1	26851	26809	26859	26840	0.10	cps
Molybdenum	96-1	35311	32839	34225	34125	3.63	cps
Molybdenum	97-1	16744	16877	15534	16385	4.52	cps
Molybdenum	98-1	41035	40893	39272	40400	2.42	cps
Neodymium	150-1	67	67	53	62	12.37	cps
Neodymium	150-2	50	43	33	42	19.87	cps
Nickel	60-2	32313	32139	31808	32086	0.80	cps
Phosphorus	31-2	142	267	183	197	32.27	cps
Potassium	39-2	52190168	52613385	53070139	52624564	0.84	cps
Rhodium	103-1	4459106	4523251	4361025	4447794	1.84	cps
Rhodium	103-2	2261936	2254280	2262295	2259504	0.20	cps
Scandium	45-1	4348692	4394624	4261195	4334837	1.56	cps
Scandium	45-2	218155	218263	220210	218876	0.53	cps
Selenium	77-2	3	0	7	3	100.05	cps
Selenium	78-2	56	44	44	48	13.33	cps
Selenium	82-1	151	140	99	130	21.33	cps
Silicon	28-1	351673	355914	359735	355774	1.13	cps
Silver	109-1	950	1008	1025	995	3.96	cps
Silver	107-1	1042	1175	1058	1092	6.65	cps
Sodium	23-2	226945022	228442547	228760422	228049330	0.43	cps
Strontium	86-1	10646	11180	11063	10963	2.56	cps
Strontium	88-1	90987	93605	92707	92433	1.44	cps
Sulfur	34-1	158871	163647	164219	162246	1.81	cps
Terbium	159-1	7466991	7538817	7270946	7425585	1.87	cps
Terbium	159-2	3930460	3913296	3880304	3908020	0.65	cps
Thallium	203-1	2642	2675	2742	2687	1.90	cps
Thallium	205-1	6785	6544	6118	6482	5.21	cps
Thorium	232-1	5201	5257	5146	5201	1.07	cps
Tin	118-1	6819	7536	7077	7144	5.08	cps
Titanium	47-1	1742	1842	1659	1747	5.25	cps
Uranium	238-1	3242	3342	2792	3126	9.38	cps
Vanadium	51-2	1207	1157	1200	1188	2.29	cps
Yttrium	89-1	6042824	6114990	5930167	6029327	1.54	cps
Yttrium	89-2	993327	997006	1002298	997544	0.45	cps

LB Number :	LB98243	Operator :	Jaswal
Lab Sample ID :	S8	Instrumnet Name :	P7
Client Sample ID :	S8	Dilution Factor :	1
Date & Time Acquired ::	2018-09-28 16:13:12	DataFile Name :	011CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zinc	66-2	173155	174080	174680	173972	0.44	cps
Zirconium	90-1	2684	2717	2759	2720	1.38	cps
Zirconium	91-1	542	592	525	553	6.28	cps

LB Number :	LB98243	Operator :	Jaswal
Lab Sample ID :	ICV01	Instrumnet Name :	P7
Client Sample ID :	ICV01	Dilution Factor :	1
Date & Time Acquired ::	2018-09-28 16:18:46	DataFile Name :	012ICV01.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	52409	53948	52434	52930	1.66	cps
Antimony	121-1	1258299	1254257	1275453	1262670	0.89	cps
Arsenic	75-2	53461	52898	53044	53134	0.55	cps
Barium	135-1	173459	176455	176261	175392	0.96	cps
Barium	137-1	297783	302453	308821	303019	1.83	cps
Beryllium	9-1	275066	273037	277644	275249	0.84	cps
Bismuth	209-1	5121276	5234972	4907020	5087756	3.27	cps
Bismuth	209-2	2971746	2883994	2878181	2911307	1.80	cps
Boron	10-1	7477	7219	6860	7185	4.31	cps
Boron	11-1	32778	32260	31083	32040	2.71	cps
Cadmium	111-1	185506	185637	187620	186254	0.64	cps
Cadmium	106-1	18488	18788	18696	18657	0.82	cps
Cadmium	108-1	11934	12047	12589	12190	2.87	cps
Calcium	43-1	57295	57764	57120	57393	0.58	cps
Calcium	44-1	907134	919289	918452	914958	0.74	cps
Chromium	52-2	262896	264154	265920	264323	0.57	cps
Cobalt	59-2	405608	408925	409428	407987	0.51	cps
Copper	63-2	273757	271541	276463	273920	0.90	cps
Dysprosium	156-1	8	0	8	6	86.60	cps
Dysprosium	156-2	13	3	0	6	124.93	cps
Erbium	164-1	75	100	33	69	48.50	cps
Erbium	164-2	17	10	30	19	53.91	cps
Gadolinium	160-1	42	17	33	31	41.66	cps
Gadolinium	160-2	110	80	100	97	15.80	cps
Holmium	165-1	8106509	8293045	7768264	8055939	3.30	cps
Holmium	165-2	4370457	4213180	4194155	4259264	2.27	cps
Indium	115-1	6337051	6488568	6059534	6295051	3.46	cps
Indium	115-2	1336366	1317505	1304901	1319590	1.20	cps
Iron	56-2	2296362	2280998	2284662	2287341	0.35	cps
Iron	57-2	55700	56180	56074	55985	0.45	cps
Krypton	83-1	240	213	203	219	8.66	cps
Lead	206-1	1093898	1094907	1109616	1099474	0.80	cps
Lead	207-1	976584	981654	985753	981330	0.47	cps
Lead	208-1	4453992	4465051	4492258	4470434	0.44	cps
Lithium	6-1	3662729	3731698	3525021	3639816	2.89	cps
Magnesium	24-2	301228	302139	300458	301275	0.28	cps

LB Number :	LB98243	Operator :	Jaswal
Lab Sample ID :	ICV01	Instrumnet Name :	P7
Client Sample ID :	ICV01	Dilution Factor :	1
Date & Time Acquired ::	2018-09-28 16:18:46	DataFile Name :	012ICV01.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	162017	164430	165579	164009	1.11	cps
Molybdenum	94-1	875	683	433	664	33.36	cps
Molybdenum	95-1	558	517	417	497	14.64	cps
Molybdenum	96-1	692	583	592	622	9.69	cps
Molybdenum	97-1	258	300	275	278	7.55	cps
Molybdenum	98-1	800	742	775	772	3.79	cps
Neodymium	150-1	7	20	13	13	49.99	cps
Neodymium	150-2	0	0	3	1	173.21	cps
Nickel	60-2	103868	104623	105046	104512	0.57	cps
Phosphorus	31-2	158	175	167	167	5.00	cps
Potassium	39-2	446220	445176	451306	447568	0.73	cps
Rhodium	103-1	6085490	6109854	5783061	5992802	3.04	cps
Rhodium	103-2	2912467	2838512	2814800	2855260	1.78	cps
Scandium	45-1	5153359	5244812	4903224	5100465	3.47	cps
Scandium	45-2	236514	233491	232823	234276	0.84	cps
Selenium	77-2	1583	1523	1593	1567	2.42	cps
Selenium	78-2	4919	5194	5207	5106	3.18	cps
Selenium	82-1	29540	29456	29770	29589	0.55	cps
Silicon	28-1	232029	235026	235636	234230	0.82	cps
Silver	109-1	860026	861023	869931	863660	0.63	cps
Silver	107-1	897157	891540	909961	899553	1.05	cps
Sodium	23-2	967484	976849	978880	974404	0.62	cps
Strontium	86-1	6068	6302	6302	6224	2.17	cps
Strontium	88-1	48617	51150	49954	49907	2.54	cps
Sulfur	34-1	177739	173675	174458	175291	1.23	cps
Terbium	159-1	8554065	8657971	8144661	8452233	3.21	cps
Terbium	159-2	4381821	4252042	4224344	4286069	1.96	cps
Thallium	203-1	1330822	1342775	1356995	1343531	0.98	cps
Thallium	205-1	3249482	3236730	3252629	3246281	0.26	cps
Thorium	232-1	2067	1984	2278	2110	7.20	cps
Tin	118-1	1700	1583	1900	1728	9.27	cps
Titanium	47-1	225	217	183	208	10.58	cps
Uranium	238-1	12476390	12290788	12476022	12414400	0.86	cps
Vanadium	51-2	219737	219521	221167	220142	0.41	cps
Yttrium	89-1	7182657	7286966	6776652	7082092	3.81	cps
Yttrium	89-2	1104878	1082754	1081470	1089701	1.21	cps

LB Number :	LB98243	Operator :	Jaswal
Lab Sample ID :	ICV01	Instrumnet Name :	P7
Client Sample ID :	ICV01	Dilution Factor :	1
Date & Time Acquired ::	2018-09-28 16:18:46	DataFile Name :	012ICV01.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zinc	66-2	83678	83571	84080	83776	0.32	cps
Zirconium	90-1	1050	792	650	831	24.42	cps
Zirconium	91-1	408	383	433	408	6.12	cps

LB Number :	LB98243	Operator :	Jaswal
Lab Sample ID :	LLICV01	Instrumnet Name :	P7
Client Sample ID :	LLICV01	Dilution Factor :	1
Date & Time Acquired ::	2018-09-28 16:22:20	DataFile Name :	013LLIC.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	2275	2367	2042	2228	7.52	cps
Antimony	121-1	14141	14099	14475	14238	1.44	cps
Arsenic	75-2	294	293	324	304	5.82	cps
Barium	135-1	17720	17954	17695	17790	0.80	cps
Barium	137-1	31662	30242	31069	30991	2.30	cps
Beryllium	9-1	3117	2717	3250	3028	9.17	cps
Bismuth	209-1	5081201	5022094	5033383	5045559	0.62	cps
Bismuth	209-2	3000177	3007306	2999623	3002369	0.14	cps
Boron	10-1	15684	16001	16535	16073	2.68	cps
Boron	11-1	70557	72323	73286	72055	1.92	cps
Cadmium	111-1	3383	3327	3654	3455	5.07	cps
Cadmium	106-1	2275	2284	2650	2403	8.91	cps
Cadmium	108-1	133	163	163	153	11.02	cps
Calcium	43-1	14691	13824	14066	14193	3.15	cps
Calcium	44-1	234235	234668	232017	233640	0.61	cps
Chromium	52-2	6655	6555	6575	6595	0.80	cps
Cobalt	59-2	4107	4187	4244	4180	1.64	cps
Copper	63-2	6445	6361	6602	6469	1.88	cps
Dysprosium	156-1	0	0	33	11	173.21	cps
Dysprosium	156-2	3	0	0	1	173.21	cps
Erbium	164-1	50	8	8	22	108.27	cps
Erbium	164-2	17	13	37	22	56.80	cps
Gadolinium	160-1	25	50	58	44	39.04	cps
Gadolinium	160-2	140	123	90	118	21.62	cps
Holmium	165-1	7975126	7994147	7936827	7968700	0.37	cps
Holmium	165-2	4353843	4357171	4306996	4339337	0.65	cps
Indium	115-1	6328372	6271984	6214236	6271531	0.91	cps
Indium	115-2	1328350	1340751	1342318	1337140	0.57	cps
Iron	56-2	124641	124013	125683	124779	0.68	cps
Iron	57-2	3156	3150	3184	3163	0.57	cps
Krypton	83-1	177	250	240	222	17.90	cps
Lead	206-1	6279	6485	6741	6502	3.55	cps
Lead	207-1	5840	5746	5646	5744	1.69	cps
Lead	208-1	26122	26194	25927	26081	0.53	cps
Lithium	6-1	3646274	3595932	3594177	3612128	0.82	cps
Magnesium	24-2	128883	128455	128824	128721	0.18	cps

LB Number :	LB98243	Operator :	Jaswal
Lab Sample ID :	LLICV01	Instrumnet Name :	P7
Client Sample ID :	LLICV01	Dilution Factor :	1
Date & Time Acquired ::	2018-09-28 16:22:20	DataFile Name :	013LLIC.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	1827	1903	1723	1818	4.97	cps
Molybdenum	94-1	16385	16719	16352	16485	1.23	cps
Molybdenum	95-1	20348	20148	20090	20196	0.67	cps
Molybdenum	96-1	22201	22143	22719	22354	1.42	cps
Molybdenum	97-1	12414	12740	11672	12275	4.46	cps
Molybdenum	98-1	30843	32004	31018	31288	2.00	cps
Neodymium	150-1	7	7	7	7	0.00	cps
Neodymium	150-2	3	0	0	1	173.21	cps
Nickel	60-2	1300	1353	1250	1301	3.97	cps
Phosphorus	31-2	183	133	183	167	17.32	cps
Potassium	39-2	124031	124358	120453	122948	1.76	cps
Rhodium	103-1	5954652	5922674	5910216	5929181	0.39	cps
Rhodium	103-2	2948789	2963324	2948213	2953442	0.29	cps
Scandium	45-1	5033966	5009438	5033573	5025659	0.28	cps
Scandium	45-2	239674	240745	239503	239974	0.28	cps
Selenium	77-2	37	43	43	41	9.35	cps
Selenium	78-2	191	202	183	192	4.86	cps
Selenium	82-1	843	799	828	823	2.69	cps
Silicon	28-1	298075	292797	290768	293880	1.28	cps
Silver	109-1	9128	8953	9112	9064	1.07	cps
Silver	107-1	9979	10012	10262	10085	1.54	cps
Sodium	23-2	263755	269260	264729	265915	1.10	cps
Strontium	86-1	2767	3000	2967	2912	4.34	cps
Strontium	88-1	22727	22084	22585	22466	1.50	cps
Sulfur	34-1	179560	178455	183154	180390	1.36	cps
Terbium	159-1	8435198	8351645	8366980	8384608	0.53	cps
Terbium	159-2	4401769	4392375	4382581	4392242	0.22	cps
Thallium	203-1	7603	7469	7361	7477	1.62	cps
Thallium	205-1	18539	18547	18422	18502	0.38	cps
Thorium	232-1	26461	27529	26817	26936	2.02	cps
Tin	118-1	31946	31227	31444	31539	1.17	cps
Titanium	47-1	6468	6727	6452	6549	2.36	cps
Uranium	238-1	26019	25484	26027	25843	1.20	cps
Vanadium	51-2	11318	11445	11064	11276	1.72	cps
Yttrium	89-1	7031786	6993529	6963274	6996196	0.49	cps
Yttrium	89-2	1104064	1107861	1106396	1106107	0.17	cps

LB Number :	LB98243	Operator :	Jaswal
Lab Sample ID :	LLICV01	Instrumnet Name :	P7
Client Sample ID :	LLICV01	Dilution Factor :	1
Date & Time Acquired ::	2018-09-28 16:22:20	DataFile Name :	013LLIC.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zinc	66-2	1193	1167	1257	1206	3.83	cps
Zirconium	90-1	14975	14625	14258	14619	2.45	cps
Zirconium	91-1	3209	3000	3376	3195	5.88	cps

LB Number : LB98243 Operator : Jaswal
 Lab Sample ID : ICB01 Instrumnet Name : P7
 Client Sample ID : ICB01 Dilution Factor : 1
 Date & Time Acquired :: 2018-09-28 16:25:55 DataFile Name : 014CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	75	108	50	78	37.63	cps
Antimony	121-1	300	350	342	331	8.10	cps
Arsenic	75-2	6	4	4	4	24.86	cps
Barium	135-1	17	25	17	19	24.73	cps
Barium	137-1	50	58	58	56	8.67	cps
Beryllium	9-1	117	128	139	128	8.69	cps
Bismuth	209-1	5036657	5063230	4986809	5028899	0.77	cps
Bismuth	209-2	2986944	2988662	2962669	2979425	0.49	cps
Boron	10-1	5618	5693	5218	5510	4.64	cps
Boron	11-1	24813	24646	23653	24370	2.57	cps
Cadmium	111-1	1512	1450	1432	1465	2.86	cps
Cadmium	106-1	2150	2042	2050	2081	2.90	cps
Cadmium	108-1	8	0	17	8	100.02	cps
Calcium	43-1	175	133	117	142	21.21	cps
Calcium	44-1	5635	5318	5610	5521	3.19	cps
Chromium	52-2	420	523	543	496	13.36	cps
Cobalt	59-2	77	83	67	76	11.10	cps
Copper	63-2	890	857	953	900	5.46	cps
Dysprosium	156-1	0	0	8	3	173.21	cps
Dysprosium	156-2	10	0	0	3	173.21	cps
Erbium	164-1	50	8	17	25	88.19	cps
Erbium	164-2	27	3	10	13	90.16	cps
Gadolinium	160-1	17	25	25	22	21.64	cps
Gadolinium	160-2	113	97	110	107	8.27	cps
Holmium	165-1	7940771	7848084	7894962	7894606	0.59	cps
Holmium	165-2	4302267	4308585	4275085	4295312	0.41	cps
Indium	115-1	6300655	6257636	6251289	6269860	0.43	cps
Indium	115-2	1318737	1331426	1317732	1322631	0.58	cps
Iron	56-2	4784	4568	4879	4744	3.36	cps
Iron	57-2	122	161	128	137	15.35	cps
Krypton	83-1	237	210	190	212	11.03	cps
Lead	206-1	472	389	372	411	13.03	cps
Lead	207-1	383	339	311	344	10.58	cps
Lead	208-1	1789	1672	1622	1695	5.05	cps
Lithium	6-1	3649639	3622538	3622397	3631525	0.43	cps
Magnesium	24-2	525	458	392	458	14.55	cps

LB Number :	LB98243	Operator :	Jaswal
Lab Sample ID :	ICB01	Instrumnet Name :	P7
Client Sample ID :	ICB01	Dilution Factor :	1
Date & Time Acquired ::	2018-09-28 16:25:55	DataFile Name :	014CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	63	67	63	64	2.99	cps
Molybdenum	94-1	233	358	283	292	21.57	cps
Molybdenum	95-1	142	133	183	153	17.54	cps
Molybdenum	96-1	233	217	167	206	16.88	cps
Molybdenum	97-1	75	133	92	100	30.05	cps
Molybdenum	98-1	267	217	175	219	20.91	cps
Neodymium	150-1	0	0	0	0	0.00	cps
Neodymium	150-2	0	0	0	0	0.00	cps
Nickel	60-2	63	50	53	56	12.49	cps
Phosphorus	31-2	83	150	108	114	29.57	cps
Potassium	39-2	11230	11438	11838	11502	2.69	cps
Rhodium	103-1	5934721	5959870	5888779	5927790	0.61	cps
Rhodium	103-2	2930133	2953678	2940140	2941317	0.40	cps
Scandium	45-1	5067200	5028359	5029585	5041715	0.44	cps
Scandium	45-2	238092	237226	237171	237496	0.22	cps
Selenium	77-2	0	0	0	0	0.00	cps
Selenium	78-2	28	41	44	38	23.23	cps
Selenium	82-1	-1	57	52	36	88.91	cps
Silicon	28-1	197723	197781	198289	197931	0.16	cps
Silver	109-1	92	217	150	153	40.94	cps
Silver	107-1	117	200	108	142	35.78	cps
Sodium	23-2	15684	15725	15625	15678	0.32	cps
Strontium	86-1	292	442	300	344	24.47	cps
Strontium	88-1	158	183	167	169	7.51	cps
Sulfur	34-1	183195	185370	186570	185045	0.92	cps
Terbium	159-1	8327576	8331314	8274030	8310973	0.39	cps
Terbium	159-2	4346906	4359028	4322534	4342823	0.43	cps
Thallium	203-1	350	325	367	347	6.04	cps
Thallium	205-1	800	908	692	800	13.54	cps
Thorium	232-1	1000	883	1006	963	7.17	cps
Tin	118-1	1158	883	900	981	15.73	cps
Titanium	47-1	58	117	158	111	45.21	cps
Uranium	238-1	325	308	325	319	3.01	cps
Vanadium	51-2	30	10	7	16	81.11	cps
Yttrium	89-1	7072483	7098031	6993302	7054605	0.77	cps
Yttrium	89-2	1088396	1098775	1097359	1094843	0.51	cps

LB Number :	LB98243	Operator :	Jaswal
Lab Sample ID :	ICB01	Instrumnet Name :	P7
Client Sample ID :	ICB01	Dilution Factor :	1
Date & Time Acquired ::	2018-09-28 16:25:55	DataFile Name :	014CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zinc	66-2	397	377	263	346	20.81	cps
Zirconium	90-1	717	675	733	708	4.24	cps
Zirconium	91-1	117	192	175	161	24.45	cps

LB Number : LB98243 Operator : Jaswal
 Lab Sample ID : ICSA01 Instrumnet Name : P7
 Client Sample ID : ICSA01 Dilution Factor : 1
 Date & Time Acquired :: 2018-09-28 16:29:30 DataFile Name : 015ICSA01.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	9245578	9152202	9207659	9201813	0.51	cps
Antimony	121-1	7177	7836	7802	7605	4.88	cps
Arsenic	75-2	76	93	81	83	10.18	cps
Barium	135-1	2784	2517	2234	2511	10.95	cps
Barium	137-1	4084	4718	4309	4370	7.35	cps
Beryllium	9-1	789	794	794	793	0.40	cps
Bismuth	209-1	4447946	4606913	4472756	4509205	1.90	cps
Bismuth	209-2	2594067	2627110	2609388	2610189	0.63	cps
Boron	10-1	4317	3934	4376	4209	5.70	cps
Boron	11-1	18003	18946	18212	18387	2.69	cps
Cadmium	111-1	2039	2214	1819	2024	9.78	cps
Cadmium	106-1	1759	2009	1742	1836	8.14	cps
Cadmium	108-1	1375	1458	1500	1445	4.41	cps
Calcium	43-1	2606370	2621474	2641911	2623252	0.68	cps
Calcium	44-1	41295461	41451970	41904587	41550673	0.76	cps
Chromium	52-2	50898	50419	50583	50633	0.48	cps
Cobalt	59-2	4351	4304	4557	4404	3.06	cps
Copper	63-2	18749	19326	19119	19065	1.53	cps
Dysprosium	156-1	8	33	50	31	68.64	cps
Dysprosium	156-2	20	17	13	17	20.01	cps
Erbium	164-1	58	42	33	44	28.65	cps
Erbium	164-2	33	17	40	30	40.05	cps
Gadolinium	160-1	33	50	50	44	21.66	cps
Gadolinium	160-2	150	127	130	136	9.31	cps
Holmium	165-1	7615225	7795674	7724624	7711841	1.18	cps
Holmium	165-2	4137104	4181786	4122917	4147269	0.74	cps
Indium	115-1	5674913	5804288	5725106	5734769	1.14	cps
Indium	115-2	1201033	1207071	1206939	1205014	0.29	cps
Iron	56-2	207848299	207164249	209414032	208142194	0.55	cps
Iron	57-2	4983340	5003509	5011519	4999456	0.29	cps
Krypton	83-1	267	240	210	239	11.87	cps
Lead	206-1	26349	25453	25659	25820	1.82	cps
Lead	207-1	20661	20689	20550	20633	0.36	cps
Lead	208-1	98878	96515	96771	97388	1.33	cps
Lithium	6-1	3344469	3411945	3342754	3366390	1.17	cps
Magnesium	24-2	22742966	22873827	22736755	22784516	0.34	cps

LB Number :	LB98243	Operator :	Jaswal
Lab Sample ID :	ICSA01	Instrumnet Name :	P7
Client Sample ID :	ICSA01	Dilution Factor :	1
Date & Time Acquired ::	2018-09-28 16:29:30	DataFile Name :	015ICSA01.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	12352	12022	12232	12202	1.37	cps
Molybdenum	94-1	4024780	4016340	4050745	4030622	0.44	cps
Molybdenum	95-1	6970014	7004248	7043989	7006084	0.53	cps
Molybdenum	96-1	7415386	7456750	7462105	7444747	0.34	cps
Molybdenum	97-1	4394899	4449129	4470265	4438098	0.88	cps
Molybdenum	98-1	11026275	11098924	11210246	11111815	0.83	cps
Neodymium	150-1	27	53	33	38	36.74	cps
Neodymium	150-2	13	20	7	13	49.99	cps
Nickel	60-2	5098	5188	5084	5123	1.10	cps
Phosphorus	31-2	509645	510968	510949	510521	0.15	cps
Potassium	39-2	20148054	20146925	20310524	20201834	0.47	cps
Rhodium	103-1	5108345	5283992	5156162	5182833	1.75	cps
Rhodium	103-2	2570342	2590547	2562124	2574337	0.57	cps
Scandium	45-1	4657843	4753318	4661108	4690756	1.16	cps
Scandium	45-2	222058	219575	220310	220648	0.58	cps
Selenium	77-2	0	0	0	0	0.00	cps
Selenium	78-2	30	39	37	35	13.93	cps
Selenium	82-1	-23	60	39	25	171.79	cps
Silicon	28-1	320091	322096	322045	321411	0.36	cps
Silver	109-1	258	208	275	247	14.04	cps
Silver	107-1	225	300	375	300	25.00	cps
Sodium	23-2	44691029	44607164	44895399	44731197	0.33	cps
Strontium	86-1	80726	80476	81983	81062	1.00	cps
Strontium	88-1	685419	690684	694767	690290	0.68	cps
Sulfur	34-1	4735792	4776137	4791512	4767814	0.60	cps
Terbium	159-1	8029790	8261249	8152813	8147951	1.42	cps
Terbium	159-2	4146535	4203229	4190014	4179926	0.71	cps
Thallium	203-1	842	700	683	742	11.73	cps
Thallium	205-1	1692	1675	1684	1684	0.49	cps
Thorium	232-1	972	1189	1261	1141	13.18	cps
Tin	118-1	1575	1609	1709	1631	4.26	cps
Titanium	47-1	2366799	2384904	2404348	2385351	0.79	cps
Uranium	238-1	842	733	908	828	10.67	cps
Vanadium	51-2	427	337	420	394	12.71	cps
Yttrium	89-1	6503633	6722446	6577181	6601087	1.69	cps
Yttrium	89-2	1026941	1027519	1022582	1025681	0.26	cps

LB Number :	LB98243	Operator :	Jaswal
Lab Sample ID :	ICSA01	Instrumnet Name :	P7
Client Sample ID :	ICSA01	Dilution Factor :	1
Date & Time Acquired ::	2018-09-28 16:29:30	DataFile Name :	015ICSA01.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zinc	66-2	4417	4457	4437	4437	0.45	cps
Zirconium	90-1	975	900	792	889	10.37	cps
Zirconium	91-1	217	225	208	217	3.85	cps

LB Number :	LB98243	Operator :	Jaswal
Lab Sample ID :	ICSAB01	Instrumnet Name :	P7
Client Sample ID :	ICSAB01	Dilution Factor :	1
Date & Time Acquired ::	2018-09-28 16:33:06	DataFile Name :	016ICSB.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	9445448	9322525	9536612	9434862	1.14	cps
Antimony	121-1	133646	133612	133479	133579	0.07	cps
Arsenic	75-2	5047	5051	5049	5049	0.04	cps
Barium	135-1	37535	37669	37610	37605	0.18	cps
Barium	137-1	64835	65380	65873	65363	0.79	cps
Beryllium	9-1	52586	54593	53963	53714	1.91	cps
Bismuth	209-1	4279437	4487725	4679003	4482055	4.46	cps
Bismuth	209-2	2590281	2680320	2664052	2644884	1.81	cps
Boron	10-1	3317	3209	3292	3273	1.73	cps
Boron	11-1	14474	14858	14291	14541	1.99	cps
Cadmium	111-1	36212	36341	35653	36069	1.01	cps
Cadmium	106-1	4734	5043	4993	4923	3.36	cps
Cadmium	108-1	3817	3613	3734	3721	2.76	cps
Calcium	43-1	2688740	2670676	2716324	2691913	0.85	cps
Calcium	44-1	42494495	42419881	42993109	42635828	0.73	cps
Chromium	52-2	103064	102879	103751	103231	0.45	cps
Cobalt	59-2	80057	78539	79960	79518	1.07	cps
Copper	63-2	68680	67980	68509	68390	0.53	cps
Dysprosium	156-1	17	42	50	36	48.03	cps
Dysprosium	156-2	17	17	17	17	0.00	cps
Erbium	164-1	83	33	58	58	42.86	cps
Erbium	164-2	27	50	33	37	32.78	cps
Gadolinium	160-1	50	58	58	56	8.67	cps
Gadolinium	160-2	133	110	157	133	17.50	cps
Holmium	165-1	7366622	7711524	8062393	7713513	4.51	cps
Holmium	165-2	4121630	4243682	4262150	4209154	1.81	cps
Indium	115-1	5471254	5712490	6017449	5733731	4.77	cps
Indium	115-2	1210373	1251314	1252410	1238032	1.94	cps
Iron	56-2	214199566	211672894	213238894	213037118	0.60	cps
Iron	57-2	5127471	5065961	5120226	5104553	0.66	cps
Krypton	83-1	170	207	190	189	9.72	cps
Lead	206-1	136577	135678	136661	136305	0.40	cps
Lead	207-1	115178	114674	116242	115365	0.69	cps
Lead	208-1	534459	529345	533310	532372	0.50	cps
Lithium	6-1	3237888	3386010	3494424	3372774	3.82	cps
Magnesium	24-2	23521162	23298989	23615932	23478694	0.69	cps

LB Number :	LB98243	Operator :	Jaswal
Lab Sample ID :	ICSAB01	Instrumnet Name :	P7
Client Sample ID :	ICSAB01	Dilution Factor :	1
Date & Time Acquired ::	2018-09-28 16:33:06	DataFile Name :	016ICSB.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	43260	44270	43862	43797	1.16	cps
Molybdenum	94-1	4134167	4105290	4133779	4124412	0.40	cps
Molybdenum	95-1	7224251	7166043	7144671	7178321	0.57	cps
Molybdenum	96-1	7680738	7629253	7586956	7632316	0.62	cps
Molybdenum	97-1	4569014	4547127	4521962	4546034	0.52	cps
Molybdenum	98-1	11443782	11409821	11364312	11405972	0.35	cps
Neodymium	150-1	40	27	53	40	33.33	cps
Neodymium	150-2	23	17	13	18	28.64	cps
Nickel	60-2	23936	23285	24067	23763	1.76	cps
Phosphorus	31-2	521352	519584	531602	524180	1.24	cps
Potassium	39-2	20742796	20460202	20937087	20713362	1.16	cps
Rhodium	103-1	4928524	5195215	5412205	5178648	4.68	cps
Rhodium	103-2	2561077	2672234	2639623	2624312	2.18	cps
Scandium	45-1	4457253	4689724	4956899	4701292	5.32	cps
Scandium	45-2	222185	229688	229655	227176	1.90	cps
Selenium	77-2	157	137	127	140	10.91	cps
Selenium	78-2	481	444	491	472	5.19	cps
Selenium	82-1	2817	2716	2861	2798	2.66	cps
Silicon	28-1	345125	343924	344512	344520	0.17	cps
Silver	109-1	154896	153263	153069	153743	0.65	cps
Silver	107-1	159918	161401	160703	160674	0.46	cps
Sodium	23-2	45817301	45610989	46308815	45912368	0.78	cps
Strontium	86-1	82428	83610	82335	82791	0.86	cps
Strontium	88-1	707690	712648	715851	712063	0.58	cps
Sulfur	34-1	4902233	4862989	4890310	4885177	0.41	cps
Terbium	159-1	7665518	8015529	8436416	8039154	4.80	cps
Terbium	159-2	4150376	4267879	4280808	4233021	1.70	cps
Thallium	203-1	133388	135214	134668	134423	0.70	cps
Thallium	205-1	318496	324438	320500	321144	0.94	cps
Thorium	232-1	661	633	828	707	14.87	cps
Tin	118-1	1525	1650	1650	1608	4.49	cps
Titanium	47-1	2441630	2461846	2474924	2459467	0.68	cps
Uranium	238-1	458	542	542	514	9.36	cps
Vanadium	51-2	42695	43270	42715	42893	0.76	cps
Yttrium	89-1	6258215	6614920	6893347	6588827	4.83	cps
Yttrium	89-2	1028307	1066775	1064677	1053253	2.05	cps

LB Number :	LB98243	Operator :	Jaswal
Lab Sample ID :	ICSAB01	Instrumnet Name :	P7
Client Sample ID :	ICSAB01	Dilution Factor :	1
Date & Time Acquired ::	2018-09-28 16:33:06	DataFile Name :	016ICSB.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zinc	66-2	11762	11842	12425	12010	3.02	cps
Zirconium	90-1	692	1017	900	870	18.94	cps
Zirconium	91-1	150	200	292	214	33.59	cps

LB Number :	LB98243	Operator :	Jaswal
Lab Sample ID :	CCV13	Instrumnet Name :	P7
Client Sample ID :	CCV13	Dilution Factor :	1
Date & Time Acquired ::	2018-09-28 16:36:41	DataFile Name :	017CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	5885729	5846115	5885747	5872530	0.39	cps
Antimony	121-1	3258599	3251804	3248226	3252876	0.16	cps
Arsenic	75-2	124419	126049	127387	125952	1.18	cps
Barium	135-1	4516775	4466721	4500352	4494616	0.57	cps
Barium	137-1	7830697	7656533	7789398	7758876	1.17	cps
Beryllium	9-1	1329261	1333660	1338916	1333945	0.36	cps
Bismuth	209-1	4368834	4376867	4357781	4367827	0.22	cps
Bismuth	209-2	2494119	2498738	2490778	2494545	0.16	cps
Boron	10-1	208704	216698	218263	214555	2.39	cps
Boron	11-1	932663	966885	985581	961710	2.79	cps
Cadmium	111-1	833809	837962	843239	838337	0.56	cps
Cadmium	106-1	92703	95731	95462	94632	1.77	cps
Cadmium	108-1	64283	65082	65572	64979	1.00	cps
Calcium	43-1	7084301	7068689	7069053	7074015	0.13	cps
Calcium	44-1	112536315	112309503	111195640	112013819	0.64	cps
Chromium	52-2	1397570	1396148	1403238	1398985	0.27	cps
Cobalt	59-2	1895542	1913443	1926208	1911731	0.81	cps
Copper	63-2	2426179	2430604	2429576	2428786	0.10	cps
Dysprosium	156-1	83	150	133	122	28.39	cps
Dysprosium	156-2	90	110	70	90	22.22	cps
Erbium	164-1	58	58	58	58	0.00	cps
Erbium	164-2	37	27	33	32	15.80	cps
Gadolinium	160-1	58	83	58	67	21.65	cps
Gadolinium	160-2	147	123	133	134	8.71	cps
Holmium	165-1	7911920	7903363	7862108	7892464	0.34	cps
Holmium	165-2	4117909	4127228	4128865	4124667	0.14	cps
Indium	115-1	5778575	5782813	5770604	5777331	0.11	cps
Indium	115-2	1214340	1226396	1237934	1226223	0.96	cps
Iron	56-2	278527173	279535856	281042545	279701858	0.45	cps
Iron	57-2	6716481	6728494	6705227	6716734	0.17	cps
Krypton	83-1	250	280	260	263	5.80	cps
Lead	206-1	2699031	2691310	2680265	2690202	0.35	cps
Lead	207-1	2464075	2475504	2448810	2462797	0.54	cps
Lead	208-1	10987035	11038245	10936988	10987423	0.46	cps
Lithium	6-1	3397325	3420057	3404991	3407458	0.34	cps
Magnesium	24-2	61938520	62437912	62204028	62193487	0.40	cps

LB Number :	LB98243	Operator :	Jaswal
Lab Sample ID :	CCV13	Instrumnet Name :	P7
Client Sample ID :	CCV13	Dilution Factor :	1
Date & Time Acquired ::	2018-09-28 16:36:41	DataFile Name :	017CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	1639705	1636901	1646353	1640986	0.30	cps
Molybdenum	94-1	8071440	8060489	8054328	8062085	0.11	cps
Molybdenum	95-1	9802527	9760783	9711156	9758155	0.47	cps
Molybdenum	96-1	10790013	10743955	10690423	10741463	0.46	cps
Molybdenum	97-1	6148219	6135504	6116148	6133290	0.26	cps
Molybdenum	98-1	15425511	15390112	15421951	15412525	0.13	cps
Neodymium	150-1	293	273	280	282	3.61	cps
Neodymium	150-2	63	57	40	53	22.53	cps
Nickel	60-2	498605	500284	500318	499736	0.20	cps
Phosphorus	31-2	58256	59979	57955	58730	1.86	cps
Potassium	39-2	27978941	28087649	27928301	27998297	0.29	cps
Rhodium	103-1	5161743	5178592	5192899	5177745	0.30	cps
Rhodium	103-2	2525343	2529049	2532234	2528875	0.14	cps
Scandium	45-1	4911093	4920346	4920836	4917425	0.11	cps
Scandium	45-2	236978	238007	237991	237659	0.25	cps
Selenium	77-2	3404	3594	3597	3532	3.13	cps
Selenium	78-2	11306	11868	11829	11668	2.69	cps
Selenium	82-1	66519	66801	66424	66582	0.29	cps
Silicon	28-1	3792384	3884776	3943780	3873647	1.97	cps
Silver	109-1	4066180	4066980	4090138	4074433	0.33	cps
Silver	107-1	4333066	4285346	4309313	4309242	0.55	cps
Sodium	23-2	121523765	121820028	121635407	121659733	0.12	cps
Strontium	86-1	1260025	1262205	1260647	1260959	0.09	cps
Strontium	88-1	10935600	10962505	11000682	10966262	0.30	cps
Sulfur	34-1	681353	685995	688555	685301	0.53	cps
Terbium	159-1	8184986	8209777	8230026	8208263	0.27	cps
Terbium	159-2	4169203	4165400	4140410	4158338	0.38	cps
Thallium	203-1	3373763	3338192	3369649	3360535	0.58	cps
Thallium	205-1	7873280	7891769	7884627	7883225	0.12	cps
Thorium	232-1	12784579	12869138	12670568	12774762	0.78	cps
Tin	118-1	2958532	2975696	2974355	2969528	0.32	cps
Titanium	47-1	3267004	3259481	3259642	3262043	0.13	cps
Uranium	238-1	12104898	12156767	12060030	12107232	0.40	cps
Vanadium	51-2	1143246	1152820	1148987	1148351	0.42	cps
Yttrium	89-1	6803116	6791650	6810052	6801606	0.14	cps
Yttrium	89-2	1064145	1085758	1088831	1079578	1.25	cps

LB Number :	LB98243	Operator :	Jaswal
Lab Sample ID :	CCV13	Instrumnet Name :	P7
Client Sample ID :	CCV13	Dilution Factor :	1
Date & Time Acquired ::	2018-09-28 16:36:41	DataFile Name :	017CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zinc	66-2	358703	359604	360481	359596	0.25	cps
Zirconium	90-1	6812081	6864822	6874774	6850559	0.49	cps
Zirconium	91-1	1472871	1484971	1483684	1480509	0.45	cps

LB Number :	LB98243	Operator :	Jaswal
Lab Sample ID :	CCB13	Instrumnet Name :	P7
Client Sample ID :	CCB13	Dilution Factor :	1
Date & Time Acquired ::	2018-09-28 16:40:24	DataFile Name :	018CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	442	342	283	356	22.52	cps
Antimony	121-1	1834	1859	1867	1853	0.94	cps
Arsenic	75-2	22	17	19	19	14.77	cps
Barium	135-1	617	483	317	472	31.83	cps
Barium	137-1	1058	808	708	858	21.00	cps
Beryllium	9-1	372	378	294	348	13.38	cps
Bismuth	209-1	5071571	5086151	5097264	5084995	0.25	cps
Bismuth	209-2	2969208	2962614	2894430	2942084	1.41	cps
Boron	10-1	14316	12781	11463	12853	11.11	cps
Boron	11-1	61978	56524	52166	56889	8.64	cps
Cadmium	111-1	1897	1676	1674	1749	7.33	cps
Cadmium	106-1	2467	2209	2250	2309	6.01	cps
Cadmium	108-1	25	17	8	17	50.01	cps
Calcium	43-1	1150	883	733	922	22.88	cps
Calcium	44-1	20473	17461	13490	17141	20.43	cps
Chromium	52-2	737	680	850	756	11.46	cps
Cobalt	59-2	127	100	93	107	16.54	cps
Copper	63-2	1317	1300	1370	1329	2.75	cps
Dysprosium	156-1	0	17	0	6	173.21	cps
Dysprosium	156-2	0	7	3	3	100.05	cps
Erbium	164-1	33	8	42	28	62.46	cps
Erbium	164-2	13	23	7	14	58.06	cps
Gadolinium	160-1	33	33	50	39	24.74	cps
Gadolinium	160-2	97	90	67	84	18.65	cps
Holmium	165-1	8092754	8017111	8024536	8044800	0.52	cps
Holmium	165-2	4318205	4294666	4203949	4272273	1.41	cps
Indium	115-1	6401862	6376650	6425720	6401411	0.38	cps
Indium	115-2	1338393	1342842	1324367	1335201	0.72	cps
Iron	56-2	17566	15776	14046	15796	11.14	cps
Iron	57-2	544	500	428	491	12.00	cps
Krypton	83-1	250	207	213	223	10.45	cps
Lead	206-1	989	933	961	961	2.89	cps
Lead	207-1	889	756	1157	934	21.90	cps
Lead	208-1	4028	3456	3618	3701	7.97	cps
Lithium	6-1	3708239	3670710	3707306	3695418	0.58	cps
Magnesium	24-2	2709	2425	1792	2309	20.33	cps

LB Number :	LB98243	Operator :	Jaswal
Lab Sample ID :	CCB13	Instrumnet Name :	P7
Client Sample ID :	CCB13	Dilution Factor :	1
Date & Time Acquired ::	2018-09-28 16:40:24	DataFile Name :	018CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	140	127	167	144	14.10	cps
Molybdenum	94-1	1742	1475	1492	1570	9.52	cps
Molybdenum	95-1	2375	1950	1725	2017	16.37	cps
Molybdenum	96-1	2909	2059	1867	2278	24.34	cps
Molybdenum	97-1	1542	1208	1000	1250	21.86	cps
Molybdenum	98-1	3734	3342	2500	3192	19.75	cps
Neodymium	150-1	0	0	0	0	0.00	cps
Neodymium	150-2	0	3	0	1	173.21	cps
Nickel	60-2	53	60	97	70	33.34	cps
Phosphorus	31-2	167	183	158	169	7.51	cps
Potassium	39-2	16176	16268	15667	16037	2.02	cps
Rhodium	103-1	6136045	6046746	6084174	6088988	0.74	cps
Rhodium	103-2	2989364	3000734	2940025	2976708	1.08	cps
Scandium	45-1	5178874	5166428	5162235	5169179	0.17	cps
Scandium	45-2	242728	245693	241823	243415	0.83	cps
Selenium	77-2	7	0	0	2	173.21	cps
Selenium	78-2	50	41	39	43	13.78	cps
Selenium	82-1	23	43	32	33	30.49	cps
Silicon	28-1	236669	231541	230922	233044	1.35	cps
Silver	109-1	958	800	625	795	20.99	cps
Silver	107-1	800	1050	783	878	17.02	cps
Sodium	23-2	31358	29956	29137	30150	3.73	cps
Strontium	86-1	583	383	483	483	20.69	cps
Strontium	88-1	1467	1317	867	1217	25.67	cps
Sulfur	34-1	189406	191667	190688	190587	0.60	cps
Terbium	159-1	8486645	8480225	8430292	8465721	0.36	cps
Terbium	159-2	4366200	4372439	4258996	4332545	1.47	cps
Thallium	203-1	1033	1117	1000	1050	5.72	cps
Thallium	205-1	3467	2967	2517	2984	15.93	cps
Thorium	232-1	3039	3106	2456	2867	12.48	cps
Tin	118-1	2234	1900	2025	2053	8.20	cps
Titanium	47-1	683	575	425	561	23.12	cps
Uranium	238-1	1433	1108	775	1106	29.78	cps
Vanadium	51-2	40	43	40	41	4.68	cps
Yttrium	89-1	7232838	7100744	7159432	7164338	0.92	cps
Yttrium	89-2	1112521	1115817	1092850	1107063	1.12	cps

LB Number :	LB98243	Operator :	Jaswal
Lab Sample ID :	CCB13	Instrumnet Name :	P7
Client Sample ID :	CCB13	Dilution Factor :	1
Date & Time Acquired ::	2018-09-28 16:40:24	DataFile Name :	018CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zinc	66-2	820	847	830	832	1.62	cps
Zirconium	90-1	1709	1575	1308	1531	13.31	cps
Zirconium	91-1	467	300	333	367	24.05	cps

LB Number :	LB98243	Operator :	Jaswal
Lab Sample ID :	CRI	Instrumnet Name :	P7
Client Sample ID :	CRI	Dilution Factor :	1
Date & Time Acquired ::	2018-09-28 16:43:58	DataFile Name :	019LLCC.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	2017	2484	2484	2328	11.58	cps
Antimony	121-1	13607	14116	14675	14133	3.78	cps
Arsenic	75-2	296	302	306	301	1.55	cps
Barium	135-1	18505	18104	18546	18385	1.33	cps
Barium	137-1	32823	31620	32397	32280	1.89	cps
Beryllium	9-1	3117	2895	3323	3112	6.88	cps
Bismuth	209-1	5262006	5241484	5304780	5269423	0.61	cps
Bismuth	209-2	3075078	3077341	3079037	3077152	0.06	cps
Boron	10-1	16685	16676	16418	16593	0.91	cps
Boron	11-1	72574	71764	74049	72796	1.59	cps
Cadmium	111-1	3791	3673	3652	3705	2.02	cps
Cadmium	106-1	2575	2384	2525	2495	3.99	cps
Cadmium	108-1	113	125	154	131	16.38	cps
Calcium	43-1	15133	14808	15242	15061	1.50	cps
Calcium	44-1	247708	245988	244974	246223	0.56	cps
Chromium	52-2	6662	6802	6978	6814	2.33	cps
Cobalt	59-2	4421	4351	4567	4446	2.49	cps
Copper	63-2	7032	7112	6885	7010	1.64	cps
Dysprosium	156-1	8	0	0	3	173.21	cps
Dysprosium	156-2	3	0	3	2	86.60	cps
Erbium	164-1	42	117	67	75	50.92	cps
Erbium	164-2	10	23	20	18	39.03	cps
Gadolinium	160-1	42	33	42	39	12.38	cps
Gadolinium	160-2	87	100	113	100	13.33	cps
Holmium	165-1	8329871	8362925	8366437	8353078	0.24	cps
Holmium	165-2	4450594	4452739	4470522	4457952	0.25	cps
Indium	115-1	6664918	6672636	6700572	6679376	0.28	cps
Indium	115-2	1372020	1377012	1410702	1386578	1.52	cps
Iron	56-2	126892	128900	128949	128247	0.92	cps
Iron	57-2	3145	3450	3223	3273	4.85	cps
Krypton	83-1	217	213	197	209	5.13	cps
Lead	206-1	6246	6274	6324	6281	0.63	cps
Lead	207-1	5924	5562	5607	5698	3.46	cps
Lead	208-1	26383	25577	25888	25950	1.57	cps
Lithium	6-1	3840216	3828326	3808628	3825724	0.42	cps
Magnesium	24-2	134037	133278	134162	133826	0.36	cps

LB Number :	LB98243	Operator :	Jaswal
Lab Sample ID :	CRI	Instrumnet Name :	P7
Client Sample ID :	CRI	Dilution Factor :	1
Date & Time Acquired ::	2018-09-28 16:43:58	DataFile Name :	019LLCC.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	1927	2010	1833	1923	4.60	cps
Molybdenum	94-1	17737	17186	17286	17403	1.68	cps
Molybdenum	95-1	20424	20132	21125	20560	2.48	cps
Molybdenum	96-1	23136	22377	23562	23025	2.61	cps
Molybdenum	97-1	13023	13140	12848	13004	1.13	cps
Molybdenum	98-1	33474	33682	32688	33281	1.57	cps
Neodymium	150-1	0	0	0	0	0.00	cps
Neodymium	150-2	0	0	3	1	173.21	cps
Nickel	60-2	1280	1163	1330	1258	6.80	cps
Phosphorus	31-2	158	158	158	158	0.00	cps
Potassium	39-2	132241	128199	129687	130043	1.57	cps
Rhodium	103-1	6317788	6334773	6317329	6323297	0.16	cps
Rhodium	103-2	3120621	3095357	3141527	3119168	0.74	cps
Scandium	45-1	5407731	5422118	5382998	5404282	0.37	cps
Scandium	45-2	253664	256739	257275	255893	0.76	cps
Selenium	77-2	47	47	37	43	13.32	cps
Selenium	78-2	228	156	206	196	18.84	cps
Selenium	82-1	846	852	931	876	5.37	cps
Silicon	28-1	314357	310310	311799	312155	0.66	cps
Silver	109-1	9704	9946	10287	9979	2.94	cps
Silver	107-1	9729	10162	9495	9795	3.46	cps
Sodium	23-2	280103	274828	281621	278851	1.28	cps
Strontium	86-1	3159	2917	3117	3064	4.22	cps
Strontium	88-1	24472	24021	22527	23673	4.30	cps
Sulfur	34-1	198682	201452	196800	198978	1.18	cps
Terbium	159-1	8823156	8801617	8781468	8802080	0.24	cps
Terbium	159-2	4543712	4498969	4538412	4527031	0.54	cps
Thallium	203-1	7336	7853	7836	7675	3.83	cps
Thallium	205-1	18606	18948	18455	18669	1.35	cps
Thorium	232-1	26461	27351	26366	26726	2.03	cps
Tin	118-1	31294	31720	32647	31887	2.17	cps
Titanium	47-1	6577	6869	6777	6741	2.21	cps
Uranium	238-1	25100	25685	24916	25234	1.59	cps
Vanadium	51-2	12168	11892	12232	12097	1.50	cps
Yttrium	89-1	7499883	7510006	7555135	7521675	0.39	cps
Yttrium	89-2	1160402	1165716	1168345	1164821	0.35	cps

LB Number :	LB98243	Operator :	Jaswal
Lab Sample ID :	CRI	Instrumnet Name :	P7
Client Sample ID :	CRI	Dilution Factor :	1
Date & Time Acquired ::	2018-09-28 16:43:58	DataFile Name :	019LLCC.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zinc	66-2	1377	1297	1153	1276	8.87	cps
Zirconium	90-1	15943	15050	15284	15426	3.00	cps
Zirconium	91-1	3642	3726	3309	3559	6.20	cps

LB Number :	LB98243	Operator :	Jaswal
Lab Sample ID :	PB113233BL	Instrumnet Name :	P7
Client Sample ID :	PB113233BL	Dilution Factor :	1
Date & Time Acquired ::	2018-09-28 16:47:32	DataFile Name :	020CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	50	83	108	81	36.33	cps
Antimony	121-1	225	358	342	308	23.56	cps
Arsenic	75-2	2	4	6	4	50.09	cps
Barium	135-1	42	33	0	25	88.19	cps
Barium	137-1	58	42	50	50	16.67	cps
Beryllium	9-1	106	72	194	124	50.92	cps
Bismuth	209-1	5223011	5234799	5230125	5229312	0.11	cps
Bismuth	209-2	3089474	3103685	3063990	3085716	0.65	cps
Boron	10-1	4301	4034	3842	4059	5.67	cps
Boron	11-1	20147	19530	18429	19369	4.50	cps
Cadmium	111-1	1486	1385	1661	1511	9.23	cps
Cadmium	106-1	2117	1967	2367	2150	9.40	cps
Cadmium	108-1	0	0	13	4	173.21	cps
Calcium	43-1	92	108	125	108	15.39	cps
Calcium	44-1	5485	5868	5693	5682	3.38	cps
Chromium	52-2	617	570	543	577	6.44	cps
Cobalt	59-2	47	47	53	49	7.86	cps
Copper	63-2	993	1027	1037	1019	2.23	cps
Dysprosium	156-1	17	0	0	6	173.21	cps
Dysprosium	156-2	0	3	0	1	173.21	cps
Erbium	164-1	50	17	25	31	56.77	cps
Erbium	164-2	17	3	27	16	75.27	cps
Gadolinium	160-1	67	0	33	33	100.01	cps
Gadolinium	160-2	93	87	90	90	3.71	cps
Holmium	165-1	8303585	8298046	8209502	8270378	0.64	cps
Holmium	165-2	4503022	4480602	4472367	4485330	0.35	cps
Indium	115-1	6597945	6618655	6608792	6608464	0.16	cps
Indium	115-2	1387097	1391056	1398650	1392268	0.42	cps
Iron	56-2	4957	5095	5207	5086	2.46	cps
Iron	57-2	194	217	161	191	14.66	cps
Krypton	83-1	223	270	270	254	10.59	cps
Lead	206-1	372	417	394	394	5.63	cps
Lead	207-1	406	367	361	378	6.41	cps
Lead	208-1	1761	1761	1572	1698	6.42	cps
Lithium	6-1	3796853	3778220	3784617	3786564	0.25	cps
Magnesium	24-2	458	375	467	433	11.70	cps

LB Number :	LB98243	Operator :	Jaswal
Lab Sample ID :	PB113233BL	Instrumnet Name :	P7
Client Sample ID :	PB113233BL	Dilution Factor :	1
Date & Time Acquired ::	2018-09-28 16:47:32	DataFile Name :	020CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	53	57	77	62	20.29	cps
Molybdenum	94-1	350	308	492	383	25.07	cps
Molybdenum	95-1	192	92	192	158	36.47	cps
Molybdenum	96-1	425	267	242	311	31.96	cps
Molybdenum	97-1	158	83	150	131	31.49	cps
Molybdenum	98-1	375	342	358	358	4.65	cps
Neodymium	150-1	7	0	0	2	173.21	cps
Neodymium	150-2	0	0	3	1	173.21	cps
Nickel	60-2	67	60	37	54	28.93	cps
Phosphorus	31-2	125	217	142	161	30.31	cps
Potassium	39-2	13465	12923	12139	12842	5.19	cps
Rhodium	103-1	6291426	6339713	6354206	6328448	0.52	cps
Rhodium	103-2	3143906	3153046	3118031	3138328	0.58	cps
Scandium	45-1	5369968	5353231	5405874	5376358	0.50	cps
Scandium	45-2	252984	255394	260453	256277	1.49	cps
Selenium	77-2	0	3	0	1	173.21	cps
Selenium	78-2	41	56	50	49	15.35	cps
Selenium	82-1	8	-32	8	-5	-415.15	cps
Silicon	28-1	215640	214982	217619	216080	0.63	cps
Silver	109-1	108	133	158	133	18.75	cps
Silver	107-1	133	150	133	139	6.93	cps
Sodium	23-2	14866	15550	15142	15186	2.27	cps
Strontium	86-1	367	300	383	350	12.60	cps
Strontium	88-1	133	142	158	144	8.81	cps
Sulfur	34-1	193871	194747	197264	195294	0.90	cps
Terbium	159-1	8702949	8732625	8684189	8706588	0.28	cps
Terbium	159-2	4550648	4557255	4553388	4553764	0.07	cps
Thallium	203-1	375	350	308	344	9.78	cps
Thallium	205-1	725	742	817	761	6.41	cps
Thorium	232-1	506	594	578	559	8.45	cps
Tin	118-1	1075	1042	950	1022	6.33	cps
Titanium	47-1	125	117	92	111	15.61	cps
Uranium	238-1	42	50	92	61	43.83	cps
Vanadium	51-2	7	3	3	4	43.40	cps
Yttrium	89-1	7402776	7453809	7482011	7446199	0.54	cps
Yttrium	89-2	1151273	1167060	1167562	1161965	0.80	cps

LB Number :	LB98243	Operator :	Jaswal
Lab Sample ID :	PB113233BL	Instrumnet Name :	P7
Client Sample ID :	PB113233BL	Dilution Factor :	1
Date & Time Acquired ::	2018-09-28 16:47:32	DataFile Name :	020CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zinc	66-2	413	427	417	419	1.66	cps
Zirconium	90-1	717	792	658	722	9.25	cps
Zirconium	91-1	150	175	200	175	14.28	cps

LB Number :	LB98243	Operator :	Jaswal
Lab Sample ID :	PB113233BS	Instrumnet Name :	P7
Client Sample ID :	PB113233BS	Dilution Factor :	1
Date & Time Acquired ::	2018-09-28 16:51:07	DataFile Name :	021LCS6.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	1051000	1061115	1069842	1060652	0.89	cps
Antimony	121-1	3428429	3419119	3420093	3422547	0.15	cps
Arsenic	75-2	134315	134300	136721	135112	1.03	cps
Barium	135-1	4556770	4579958	4555292	4564006	0.30	cps
Barium	137-1	7834811	7902960	7883042	7873604	0.45	cps
Beryllium	9-1	1379466	1373465	1378345	1377092	0.23	cps
Bismuth	209-1	4795747	4727884	4609500	4711044	2.00	cps
Bismuth	209-2	2770865	2767459	2743826	2760717	0.53	cps
Boron	10-1	212927	221425	224498	219617	2.73	cps
Boron	11-1	955971	975269	1004434	978558	2.49	cps
Cadmium	111-1	919296	929103	932400	926933	0.74	cps
Cadmium	106-1	102292	101335	103392	102340	1.01	cps
Cadmium	108-1	70818	70018	70562	70466	0.58	cps
Calcium	43-1	1444705	1444696	1440263	1443221	0.18	cps
Calcium	44-1	23000036	22932566	22813546	22915383	0.41	cps
Chromium	52-2	1338655	1346163	1360791	1348536	0.83	cps
Cobalt	59-2	1969480	1976966	1990945	1979130	0.55	cps
Copper	63-2	2600145	2600322	2603688	2601385	0.08	cps
Dysprosium	156-1	58	50	50	53	9.12	cps
Dysprosium	156-2	80	90	67	79	14.84	cps
Erbium	164-1	67	42	42	50	28.87	cps
Erbium	164-2	20	13	20	18	21.66	cps
Gadolinium	160-1	42	58	33	44	28.65	cps
Gadolinium	160-2	100	103	103	102	1.89	cps
Holmium	165-1	8048341	7837725	7726490	7870852	2.08	cps
Holmium	165-2	4264403	4260146	4224422	4249657	0.52	cps
Indium	115-1	6111252	5910561	5823901	5948571	2.48	cps
Indium	115-2	1267385	1285444	1292661	1281830	1.02	cps
Iron	56-2	57022926	56660737	57301757	56995140	0.56	cps
Iron	57-2	1371617	1380239	1388302	1380053	0.60	cps
Krypton	83-1	153	273	213	213	28.12	cps
Lead	206-1	2813448	2811443	2835226	2820039	0.47	cps
Lead	207-1	2570678	2578064	2607730	2585491	0.76	cps
Lead	208-1	11427929	11504789	11565637	11499452	0.60	cps
Lithium	6-1	3556880	3477383	3368832	3467698	2.72	cps
Magnesium	24-2	12497175	12530276	12543063	12523505	0.19	cps

LB Number :	LB98243	Operator :	Jaswal
Lab Sample ID :	PB113233BS	Instrumnet Name :	P7
Client Sample ID :	PB113233BS	Dilution Factor :	1
Date & Time Acquired ::	2018-09-28 16:51:07	DataFile Name :	021LCS6.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	1629620	1644221	1657990	1643943	0.86	cps
Molybdenum	94-1	8108995	8071837	8118164	8099665	0.30	cps
Molybdenum	95-1	9789723	9763293	9760488	9771168	0.17	cps
Molybdenum	96-1	10773034	10791177	10726315	10763509	0.31	cps
Molybdenum	97-1	6166602	6163004	6140622	6156742	0.23	cps
Molybdenum	98-1	15487352	15457287	15439228	15461289	0.16	cps
Neodymium	150-1	267	253	267	262	2.94	cps
Neodymium	150-2	33	23	53	37	41.66	cps
Nickel	60-2	506456	512420	513439	510772	0.74	cps
Phosphorus	31-2	58850	59420	59353	59207	0.53	cps
Potassium	39-2	5496024	5476565	5494128	5488906	0.20	cps
Rhodium	103-1	5684391	5536690	5448112	5556398	2.15	cps
Rhodium	103-2	2755719	2749646	2736388	2747251	0.36	cps
Scandium	45-1	5059372	4921979	4768333	4916561	2.96	cps
Scandium	45-2	236375	236194	236020	236196	0.08	cps
Selenium	77-2	3741	3647	3824	3737	2.37	cps
Selenium	78-2	12819	12730	12711	12753	0.45	cps
Selenium	82-1	75172	75165	75319	75218	0.12	cps
Silicon	28-1	3831102	3837117	3892241	3853487	0.87	cps
Silver	109-1	4524428	4513191	4514541	4517387	0.14	cps
Silver	107-1	4721161	4722184	4757560	4733635	0.44	cps
Sodium	23-2	24135375	24218083	24223753	24192403	0.20	cps
Strontium	86-1	1261933	1275721	1274396	1270683	0.60	cps
Strontium	88-1	10993332	11033281	11001920	11009511	0.19	cps
Sulfur	34-1	698358	689675	689194	692409	0.74	cps
Terbium	159-1	8441243	8251956	8066060	8253087	2.27	cps
Terbium	159-2	4315274	4301289	4271638	4296067	0.52	cps
Thallium	203-1	3472251	3487723	3495965	3485313	0.35	cps
Thallium	205-1	8180662	8181343	8213918	8191974	0.23	cps
Thorium	232-1	12793667	12926373	12780999	12833679	0.63	cps
Tin	118-1	3098026	3061235	3075544	3078268	0.60	cps
Titanium	47-1	3267815	3259522	3248229	3258522	0.30	cps
Uranium	238-1	12031670	12124073	12113059	12089601	0.42	cps
Vanadium	51-2	1129731	1128849	1137910	1132163	0.44	cps
Yttrium	89-1	7036714	6882579	6728864	6882719	2.24	cps
Yttrium	89-2	1092379	1103212	1098061	1097884	0.49	cps

LB Number :	LB98243	Operator :	Jaswal
Lab Sample ID :	PB113233BS	Instrumnet Name :	P7
Client Sample ID :	PB113233BS	Dilution Factor :	1
Date & Time Acquired ::	2018-09-28 16:51:07	DataFile Name :	021LCS6.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zinc	66-2	404893	408610	412105	408536	0.88	cps
Zirconium	90-1	6863269	6831740	6908530	6867846	0.56	cps
Zirconium	91-1	1482520	1470585	1495647	1482917	0.85	cps

LB Number :	LB98243	Operator :	Jaswal
Lab Sample ID :	J4968-06	Instrumnet Name :	P7
Client Sample ID :	SA-PZ182I-20180916	Dilution Factor :	1
Date & Time Acquired ::	2018-09-28 16:54:43	DataFile Name :	022SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	633	483	475	531	16.80	cps
Antimony	121-1	18788	20891	21475	20385	6.93	cps
Arsenic	75-2	1724	1700	1680	1701	1.31	cps
Barium	135-1	33733	34076	33993	33934	0.53	cps
Barium	137-1	58717	59294	56734	58248	2.31	cps
Beryllium	9-1	356	222	311	296	22.91	cps
Bismuth	209-1	5431058	5330948	5282783	5348263	1.41	cps
Bismuth	209-2	2950355	2918513	2892283	2920384	1.00	cps
Boron	10-1	23027	22234	20807	22022	5.11	cps
Boron	11-1	102504	96844	93941	97763	4.45	cps
Cadmium	111-1	1780	1522	1342	1548	14.22	cps
Cadmium	106-1	2067	1842	1617	1842	12.22	cps
Cadmium	108-1	42	25	21	29	37.81	cps
Calcium	43-1	214890	214697	213229	214272	0.42	cps
Calcium	44-1	3352227	3346071	3343421	3347240	0.13	cps
Chromium	52-2	3380	3134	3154	3223	4.25	cps
Cobalt	59-2	15629	15949	15492	15690	1.50	cps
Copper	63-2	7645	7962	7419	7675	3.56	cps
Dysprosium	156-1	308	325	333	322	3.95	cps
Dysprosium	156-2	170	213	170	184	13.57	cps
Erbium	164-1	1083	1108	1083	1092	1.32	cps
Erbium	164-2	507	553	537	532	4.44	cps
Gadolinium	160-1	375	450	442	422	9.74	cps
Gadolinium	160-2	287	260	340	296	13.78	cps
Holmium	165-1	7415845	7483611	7473937	7457798	0.49	cps
Holmium	165-2	3963705	3949518	3944654	3952626	0.25	cps
Indium	115-1	7241064	7333286	7286792	7287047	0.63	cps
Indium	115-2	1421519	1414083	1399945	1411849	0.78	cps
Iron	56-2	5062474	5007975	4984724	5018391	0.80	cps
Iron	57-2	122092	121651	119958	121234	0.93	cps
Krypton	83-1	303	307	323	311	3.44	cps
Lead	206-1	4179	3778	3562	3840	8.15	cps
Lead	207-1	3651	3673	3345	3556	5.15	cps
Lead	208-1	16938	16065	14681	15895	7.16	cps
Lithium	6-1	4081899	4182583	4233632	4166038	1.85	cps
Magnesium	24-2	809381	808529	802171	806694	0.49	cps

LB Number :	LB98243	Operator :	Jaswal
Lab Sample ID :	J4968-06	Instrumnet Name :	P7
Client Sample ID :	SA-PZ182I-20180916	Dilution Factor :	1
Date & Time Acquired ::	2018-09-28 16:54:43	DataFile Name :	022SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	2273937	2258579	2237800	2256772	0.80	cps
Molybdenum	94-1	2000	1725	1800	1842	7.72	cps
Molybdenum	95-1	2934	2234	2225	2464	16.50	cps
Molybdenum	96-1	2784	2592	2509	2628	5.37	cps
Molybdenum	97-1	1600	1684	1542	1608	4.43	cps
Molybdenum	98-1	3892	3617	3776	3762	3.67	cps
Neodymium	150-1	300	313	293	302	3.37	cps
Neodymium	150-2	110	127	147	128	14.37	cps
Nickel	60-2	2124	2244	2177	2181	2.76	cps
Phosphorus	31-2	258	250	175	228	20.15	cps
Potassium	39-2	249955	243358	241329	244880	1.84	cps
Rhodium	103-1	5312816	5401418	5414561	5376265	1.03	cps
Rhodium	103-2	2627410	2627682	2621093	2625395	0.14	cps
Scandium	45-1	4507344	4532062	4513873	4517760	0.28	cps
Scandium	45-2	205980	202412	203571	203988	0.89	cps
Selenium	77-2	13	10	3	9	57.30	cps
Selenium	78-2	52	44	37	44	16.66	cps
Selenium	82-1	37	-39	-59	-20	-252.39	cps
Silicon	28-1	24096396	24016344	23769747	23960829	0.71	cps
Silver	109-1	4267	5101	4609	4659	8.99	cps
Silver	107-1	4426	5285	5168	4959	9.39	cps
Sodium	23-2	3152363	3131521	3062851	3115578	1.50	cps
Strontium	86-1	110799	112766	115276	112947	1.99	cps
Strontium	88-1	955063	961066	959911	958680	0.33	cps
Sulfur	34-1	413696	416933	414815	415148	0.40	cps
Terbium	159-1	7753997	7826347	7929583	7836642	1.13	cps
Terbium	159-2	3998896	3977229	4012079	3996068	0.44	cps
Thallium	203-1	4251	3009	1942	3067	37.68	cps
Thallium	205-1	9979	6835	4493	7102	38.76	cps
Thorium	232-1	4062	4034	4106	4067	0.90	cps
Tin	118-1	21033	20265	19623	20307	3.48	cps
Titanium	47-1	808	808	842	820	2.35	cps
Uranium	238-1	1017	850	608	825	24.89	cps
Vanadium	51-2	1127	1203	1243	1191	4.98	cps
Yttrium	89-1	6465876	6498205	6480120	6481400	0.25	cps
Yttrium	89-2	991313	979805	981094	984071	0.64	cps

LB Number :	LB98243	Operator :	Jaswal
Lab Sample ID :	J4968-06	Instrumnet Name :	P7
Client Sample ID :	SA-PZ182I-20180916	Dilution Factor :	1
Date & Time Acquired ::	2018-09-28 16:54:43	DataFile Name :	022SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zinc	66-2	4494	4424	4401	4440	1.09	cps
Zirconium	90-1	1300	1233	1083	1206	9.20	cps
Zirconium	91-1	242	275	283	267	8.27	cps

LB Number :	LB98243	Operator :	Jaswal
Lab Sample ID :	J4968-06DUP	Instrumnet Name :	P7
Client Sample ID :	SA-PZ182I-20180916DU	Dilution Factor :	1
Date & Time Acquired ::	2018-09-28 16:58:17	DataFile Name :	023SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	425	442	492	453	7.66	cps
Antimony	121-1	17361	18546	20532	18813	8.52	cps
Arsenic	75-2	1654	1635	1702	1664	2.07	cps
Barium	135-1	34569	33750	34460	34260	1.30	cps
Barium	137-1	60206	60256	58449	59637	1.73	cps
Beryllium	9-1	217	211	178	202	10.42	cps
Bismuth	209-1	5012542	4986965	4951790	4983765	0.61	cps
Bismuth	209-2	2787767	2756005	2746102	2763291	0.79	cps
Boron	10-1	14608	13940	14516	14355	2.52	cps
Boron	11-1	65166	65434	64831	65144	0.46	cps
Cadmium	111-1	1413	1331	1207	1317	7.90	cps
Cadmium	106-1	1917	1784	1658	1786	7.23	cps
Cadmium	108-1	17	13	0	10	89.22	cps
Calcium	43-1	209885	209518	207814	209072	0.53	cps
Calcium	44-1	3373624	3308616	3323017	3335086	1.02	cps
Chromium	52-2	2624	2514	2567	2568	2.14	cps
Cobalt	59-2	14821	14778	15205	14934	1.57	cps
Copper	63-2	6608	6858	6792	6753	1.92	cps
Dysprosium	156-1	292	342	342	325	8.88	cps
Dysprosium	156-2	130	180	137	149	18.23	cps
Erbium	164-1	858	1083	1117	1020	13.78	cps
Erbium	164-2	527	470	513	503	5.89	cps
Gadolinium	160-1	392	392	408	397	2.42	cps
Gadolinium	160-2	383	270	303	319	18.26	cps
Holmium	165-1	7448928	7499055	7534557	7494180	0.57	cps
Holmium	165-2	3892242	3841114	3857334	3863563	0.68	cps
Indium	115-1	6591797	6580695	6580481	6584324	0.10	cps
Indium	115-2	1275472	1261949	1280069	1272496	0.74	cps
Iron	56-2	4932151	4861594	4828721	4874155	1.08	cps
Iron	57-2	119728	119493	117998	119073	0.79	cps
Krypton	83-1	287	240	273	267	9.01	cps
Lead	206-1	1967	1984	1834	1928	4.26	cps
Lead	207-1	2000	1834	1889	1908	4.45	cps
Lead	208-1	8285	8146	8368	8266	1.36	cps
Lithium	6-1	3985155	3998410	4002546	3995370	0.23	cps
Magnesium	24-2	768437	765093	755932	763154	0.85	cps

LB Number :	LB98243	Operator :	Jaswal
Lab Sample ID :	J4968-06DUP	Instrumnet Name :	P7
Client Sample ID :	SA-PZ182I-20180916DU	Dilution Factor :	1
Date & Time Acquired ::	2018-09-28 16:58:17	DataFile Name :	023SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	2197074	2118257	2125466	2146932	2.03	cps
Molybdenum	94-1	942	1025	1108	1025	8.13	cps
Molybdenum	95-1	1375	1425	1450	1417	2.70	cps
Molybdenum	96-1	1742	1667	1709	1706	2.20	cps
Molybdenum	97-1	942	925	800	889	8.71	cps
Molybdenum	98-1	2250	2267	2542	2353	6.96	cps
Neodymium	150-1	327	260	240	276	16.47	cps
Neodymium	150-2	147	97	120	121	20.66	cps
Nickel	60-2	2040	1907	2004	1983	3.47	cps
Phosphorus	31-2	233	208	225	222	5.73	cps
Potassium	39-2	229262	227283	224465	227003	1.06	cps
Rhodium	103-1	5357872	5396445	5368287	5374201	0.37	cps
Rhodium	103-2	2563983	2550589	2536385	2550319	0.54	cps
Scandium	45-1	4376174	4329791	4352086	4352684	0.53	cps
Scandium	45-2	189511	187733	187452	188232	0.59	cps
Selenium	77-2	7	3	17	9	78.08	cps
Selenium	78-2	50	26	46	41	31.81	cps
Selenium	82-1	-31	33	-19	-6	-588.76	cps
Silicon	28-1	23242380	23026418	22923385	23064061	0.71	cps
Silver	109-1	2467	2067	2350	2295	8.97	cps
Silver	107-1	2525	2467	2567	2520	1.99	cps
Sodium	23-2	2953774	2919665	2903704	2925715	0.87	cps
Strontium	86-1	112185	114075	112412	112891	0.91	cps
Strontium	88-1	956697	962038	961228	959988	0.30	cps
Sulfur	34-1	409663	402856	404415	405644	0.88	cps
Terbium	159-1	7806960	7893321	7841980	7847420	0.55	cps
Terbium	159-2	3929460	3920349	3907382	3919064	0.28	cps
Thallium	203-1	617	700	433	583	23.39	cps
Thallium	205-1	1333	1442	1275	1350	6.27	cps
Thorium	232-1	1511	1772	1728	1671	8.36	cps
Tin	118-1	14925	16310	15201	15479	4.74	cps
Titanium	47-1	717	717	608	681	9.19	cps
Uranium	238-1	483	425	442	450	6.68	cps
Vanadium	51-2	1047	1167	1210	1141	7.41	cps
Yttrium	89-1	6370284	6397667	6389561	6385837	0.22	cps
Yttrium	89-2	935265	939132	938344	937580	0.22	cps

LB Number :	LB98243	Operator :	Jaswal
Lab Sample ID :	J4968-06DUP	Instrumnet Name :	P7
Client Sample ID :	SA-PZ182I-20180916DU	Dilution Factor :	1
Date & Time Acquired ::	2018-09-28 16:58:17	DataFile Name :	023SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zinc	66-2	3224	3217	3080	3174	2.55	cps
Zirconium	90-1	758	900	842	833	8.55	cps
Zirconium	91-1	158	158	133	150	9.62	cps

LB Number :	LB98243	Operator :	Jaswal
Lab Sample ID :	J4968-06LX5	Instrumnet Name :	P7
Client Sample ID :	SA-PZ182I-20180916L	Dilution Factor :	5
Date & Time Acquired ::	2018-09-28 17:01:52	DataFile Name :	024SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	133	158	158	150	9.62	cps
Antimony	121-1	4351	4084	4084	4173	3.69	cps
Arsenic	75-2	322	339	331	331	2.52	cps
Barium	135-1	6910	6552	7110	6858	4.13	cps
Barium	137-1	11505	11989	12147	11881	2.82	cps
Beryllium	9-1	156	44	106	102	54.63	cps
Bismuth	209-1	5063938	5033000	5058546	5051828	0.33	cps
Bismuth	209-2	2897694	2876765	2916202	2896887	0.68	cps
Boron	10-1	5776	5359	4976	5371	7.45	cps
Boron	11-1	24137	22852	23886	23625	2.88	cps
Cadmium	111-1	1171	1389	1458	1340	11.17	cps
Cadmium	106-1	1650	1925	2034	1870	10.57	cps
Cadmium	108-1	13	0	4	6	114.53	cps
Calcium	43-1	43081	42403	41693	42392	1.64	cps
Calcium	44-1	689310	686899	692748	689652	0.43	cps
Chromium	52-2	900	857	907	888	3.06	cps
Cobalt	59-2	3234	3157	3327	3239	2.63	cps
Copper	63-2	3174	3207	3140	3174	1.05	cps
Dysprosium	156-1	25	67	67	53	45.58	cps
Dysprosium	156-2	23	53	33	37	41.66	cps
Erbium	164-1	233	233	208	225	6.42	cps
Erbium	164-2	130	133	137	133	2.50	cps
Gadolinium	160-1	150	92	108	117	25.76	cps
Gadolinium	160-2	163	147	167	159	6.74	cps
Holmium	165-1	7928729	7947270	7910759	7928919	0.23	cps
Holmium	165-2	4148146	4148896	4180103	4159048	0.44	cps
Indium	115-1	6335324	6343356	6350055	6342911	0.12	cps
Indium	115-2	1256698	1271784	1282314	1270266	1.01	cps
Iron	56-2	995531	994915	1005793	998747	0.61	cps
Iron	57-2	24816	25022	25645	25161	1.72	cps
Krypton	83-1	167	297	190	218	31.83	cps
Lead	206-1	467	600	533	533	12.50	cps
Lead	207-1	472	489	478	480	1.77	cps
Lead	208-1	2039	2289	2267	2198	6.29	cps
Lithium	6-1	3437801	3442440	3434759	3438333	0.11	cps
Magnesium	24-2	164552	163893	164509	164318	0.22	cps

LB Number :	LB98243	Operator :	Jaswal
Lab Sample ID :	J4968-06LX5	Instrumnet Name :	P7
Client Sample ID :	SA-PZ182I-20180916L	Dilution Factor :	5
Date & Time Acquired ::	2018-09-28 17:01:52	DataFile Name :	024SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	462557	462495	471748	465600	1.14	cps
Molybdenum	94-1	400	392	433	408	5.40	cps
Molybdenum	95-1	367	367	300	344	11.17	cps
Molybdenum	96-1	383	375	383	381	1.26	cps
Molybdenum	97-1	233	217	308	253	19.32	cps
Molybdenum	98-1	500	542	517	519	4.04	cps
Neodymium	150-1	80	60	73	71	14.32	cps
Neodymium	150-2	17	20	20	19	10.18	cps
Nickel	60-2	413	540	527	493	14.11	cps
Phosphorus	31-2	133	108	117	119	10.66	cps
Potassium	39-2	57303	59353	56717	57791	2.39	cps
Rhodium	103-1	5828377	5802934	5784878	5805397	0.38	cps
Rhodium	103-2	2807689	2777703	2796843	2794078	0.54	cps
Scandium	45-1	4648942	4630340	4653094	4644125	0.26	cps
Scandium	45-2	208397	206977	213424	209599	1.62	cps
Selenium	77-2	3	0	3	2	86.60	cps
Selenium	78-2	41	41	37	40	5.41	cps
Selenium	82-1	99	-71	58	29	308.14	cps
Silicon	28-1	4926242	4916599	4878581	4907141	0.51	cps
Silver	109-1	758	783	925	822	10.93	cps
Silver	107-1	892	825	775	831	7.05	cps
Sodium	23-2	651718	647951	652749	650806	0.39	cps
Strontium	86-1	23454	24305	23253	23670	2.36	cps
Strontium	88-1	199426	198564	197348	198446	0.53	cps
Sulfur	34-1	206039	205277	205943	205753	0.20	cps
Terbium	159-1	8294914	8406967	8354543	8352141	0.67	cps
Terbium	159-2	4204571	4186782	4205186	4198846	0.25	cps
Thallium	203-1	258	200	233	231	12.69	cps
Thallium	205-1	533	417	433	461	13.68	cps
Thorium	232-1	633	600	622	619	2.74	cps
Tin	118-1	2075	1984	1950	2003	3.23	cps
Titanium	47-1	258	250	217	242	9.12	cps
Uranium	238-1	158	92	108	119	29.05	cps
Vanadium	51-2	270	253	297	273	8.00	cps
Yttrium	89-1	6828285	6834792	6789174	6817417	0.36	cps
Yttrium	89-2	1011684	1015474	1036318	1021159	1.30	cps

LB Number :	LB98243	Operator :	Jaswal
Lab Sample ID :	J4968-06LX5	Instrumnet Name :	P7
Client Sample ID :	SA-PZ182I-20180916L	Dilution Factor :	5
Date & Time Acquired ::	2018-09-28 17:01:52	DataFile Name :	024SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zinc	66-2	1077	1153	1240	1157	7.06	cps
Zirconium	90-1	608	542	533	561	7.33	cps
Zirconium	91-1	158	167	175	167	5.00	cps

LB Number : LB98243 Operator : Jaswal
 Lab Sample ID : J4968-07 Instrumnet Name : P7
 Client Sample ID : SA-PZ182I-20180916MS Dilution Factor : 1
 Date & Time Acquired :: 2018-09-28 17:05:26 DataFile Name : 025SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	704572	703765	694504	700947	0.80	cps
Antimony	121-1	2880415	2896542	2856421	2877792	0.70	cps
Arsenic	75-2	100238	99213	100102	99851	0.56	cps
Barium	135-1	3879726	3884148	3843914	3869263	0.57	cps
Barium	137-1	6748002	6716607	6694921	6719844	0.40	cps
Beryllium	9-1	1013491	997076	985589	998719	1.40	cps
Bismuth	209-1	4545454	4586851	4523734	4552013	0.70	cps
Bismuth	209-2	2508031	2533451	2450751	2497411	1.70	cps
Boron	10-1	164865	166987	169489	167114	1.39	cps
Boron	11-1	751452	749420	756818	752563	0.51	cps
Cadmium	111-1	762774	771193	766781	766916	0.55	cps
Cadmium	106-1	82423	83412	84853	83563	1.46	cps
Cadmium	108-1	56964	57466	57880	57437	0.80	cps
Calcium	43-1	1310989	1309801	1305468	1308752	0.22	cps
Calcium	44-1	21005242	20863585	20695485	20854771	0.74	cps
Chromium	52-2	986687	994371	986851	989303	0.44	cps
Cobalt	59-2	1484249	1489862	1489390	1487834	0.21	cps
Copper	63-2	1952114	1956502	1956855	1955157	0.14	cps
Dysprosium	156-1	450	392	358	400	11.60	cps
Dysprosium	156-2	157	207	257	207	24.19	cps
Erbium	164-1	958	1083	958	1000	7.22	cps
Erbium	164-2	540	460	563	521	10.40	cps
Gadolinium	160-1	325	425	433	394	15.28	cps
Gadolinium	160-2	263	287	310	287	8.14	cps
Holmium	165-1	7160930	7250361	7275994	7229095	0.84	cps
Holmium	165-2	3719160	3770332	3647930	3712474	1.66	cps
Indium	115-1	5768346	5844420	5758914	5790560	0.81	cps
Indium	115-2	1128463	1164096	1118950	1137170	2.09	cps
Iron	56-2	46000012	45760841	45582576	45781143	0.46	cps
Iron	57-2	1099403	1098141	1090139	1095895	0.46	cps
Krypton	83-1	310	287	293	297	4.05	cps
Lead	206-1	2498997	2506164	2513222	2506128	0.28	cps
Lead	207-1	2241871	2251621	2238823	2244105	0.30	cps
Lead	208-1	10101715	10154257	10125430	10127134	0.26	cps
Lithium	6-1	3561998	3550454	3516939	3543130	0.66	cps
Magnesium	24-2	9212324	9091899	9006709	9103644	1.13	cps

LB Number :	LB98243	Operator :	Jaswal
Lab Sample ID :	J4968-07	Instrumnet Name :	P7
Client Sample ID :	SA-PZ182I-20180916MS	Dilution Factor :	1
Date & Time Acquired ::	2018-09-28 17:05:26	DataFile Name :	025SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	3091529	3089305	3046129	3075654	0.83	cps
Molybdenum	94-1	6729813	6731404	6660207	6707141	0.61	cps
Molybdenum	95-1	8133894	8097297	8037538	8089576	0.60	cps
Molybdenum	96-1	8925878	8999647	8899799	8941775	0.58	cps
Molybdenum	97-1	5106638	5124792	5117565	5116331	0.18	cps
Molybdenum	98-1	12861392	12845166	12814102	12840220	0.19	cps
Neodymium	150-1	367	527	467	453	17.83	cps
Neodymium	150-2	80	113	130	108	23.62	cps
Nickel	60-2	385951	386291	386360	386201	0.06	cps
Phosphorus	31-2	217	183	242	214	13.68	cps
Potassium	39-2	3953371	3904412	3876145	3911309	1.00	cps
Rhodium	103-1	4873434	4912646	4837927	4874669	0.77	cps
Rhodium	103-2	2313485	2344034	2257729	2305083	1.90	cps
Scandium	45-1	4055158	4054618	3959445	4023073	1.37	cps
Scandium	45-2	175458	177795	171954	175069	1.68	cps
Selenium	77-2	2804	2724	2897	2808	3.09	cps
Selenium	78-2	9118	9112	9199	9143	0.53	cps
Selenium	82-1	59613	59755	60140	59836	0.46	cps
Silicon	28-1	23308258	23056898	22875328	23080161	0.94	cps
Silver	109-1	3610124	3594786	3598559	3601157	0.22	cps
Silver	107-1	3803271	3781156	3780577	3788335	0.34	cps
Sodium	23-2	18928602	18727549	18623887	18760013	0.83	cps
Strontium	86-1	1165189	1158965	1157564	1160573	0.35	cps
Strontium	88-1	10126532	10040940	10044591	10070688	0.48	cps
Sulfur	34-1	370764	361351	354804	362306	2.21	cps
Terbium	159-1	7518215	7625687	7582675	7575526	0.71	cps
Terbium	159-2	3737365	3797220	3654567	3729717	1.92	cps
Thallium	203-1	3073562	3074127	3093352	3080347	0.37	cps
Thallium	205-1	7173548	7222767	7275412	7223909	0.71	cps
Thorium	232-1	3695	3840	3556	3697	3.83	cps
Tin	118-1	2480001	2495580	2465007	2480196	0.62	cps
Titanium	47-1	2519178	2486106	2448543	2484609	1.42	cps
Uranium	238-1	11216636	11324350	11363741	11301576	0.67	cps
Vanadium	51-2	817752	812781	807941	812825	0.60	cps
Yttrium	89-1	6029216	6069673	5996327	6031738	0.61	cps
Yttrium	89-2	879676	901163	869831	883557	1.81	cps

LB Number :	LB98243	Operator :	Jaswal
Lab Sample ID :	J4968-07	Instrumnet Name :	P7
Client Sample ID :	SA-PZ182I-20180916MS	Dilution Factor :	1
Date & Time Acquired ::	2018-09-28 17:05:26	DataFile Name :	025SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zinc	66-2	295027	294395	298317	295913	0.71	cps
Zirconium	90-1	5690496	5678562	5659343	5676134	0.28	cps
Zirconium	91-1	1231977	1240096	1240530	1237534	0.39	cps

LB Number : LB98243 Operator : Jaswal
 Lab Sample ID : J4968-08 Instrumnet Name : P7
 Client Sample ID : SA-PZ182I-20180916MS Dilution Factor : 1
 Date & Time Acquired :: 2018-09-28 17:09:02 DataFile Name : 026SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	678231	673830	671375	674478	0.52	cps
Antimony	121-1	2825158	2854986	2844600	2841581	0.53	cps
Arsenic	75-2	97556	99446	99595	98866	1.15	cps
Barium	135-1	3814447	3834377	3838311	3829045	0.33	cps
Barium	137-1	6607286	6612815	6645306	6621802	0.31	cps
Beryllium	9-1	944963	938088	933820	938957	0.60	cps
Bismuth	209-1	4440630	4277602	4420681	4379638	2.03	cps
Bismuth	209-2	2507981	2462721	2448521	2473074	1.26	cps
Boron	10-1	161216	162607	165386	163070	1.30	cps
Boron	11-1	731575	743793	753593	742987	1.48	cps
Cadmium	111-1	751795	768684	766576	762352	1.21	cps
Cadmium	106-1	81417	86330	84116	83954	2.93	cps
Cadmium	108-1	57266	57253	57478	57332	0.22	cps
Calcium	43-1	1257920	1271300	1273461	1267560	0.66	cps
Calcium	44-1	20036810	20027612	20089917	20051446	0.17	cps
Chromium	52-2	962528	969807	964166	965500	0.40	cps
Cobalt	59-2	1454066	1466211	1467661	1462646	0.51	cps
Copper	63-2	1912663	1933024	1942638	1929442	0.79	cps
Dysprosium	156-1	417	358	267	347	21.78	cps
Dysprosium	156-2	220	177	187	194	11.67	cps
Erbium	164-1	1133	1083	1092	1103	2.43	cps
Erbium	164-2	430	493	520	481	9.61	cps
Gadolinium	160-1	383	475	467	442	11.48	cps
Gadolinium	160-2	293	293	320	302	5.09	cps
Holmium	165-1	7174955	6860860	7080991	7038935	2.29	cps
Holmium	165-2	3753837	3674448	3652798	3693694	1.44	cps
Indium	115-1	5530588	5313809	5457687	5434028	2.03	cps
Indium	115-2	1112667	1103618	1106868	1107718	0.41	cps
Iron	56-2	44902839	44896123	44787161	44862041	0.14	cps
Iron	57-2	1071145	1076725	1077423	1075098	0.32	cps
Krypton	83-1	237	307	263	269	13.14	cps
Lead	206-1	2498614	2514128	2541256	2517999	0.86	cps
Lead	207-1	2225938	2251840	2273404	2250394	1.06	cps
Lead	208-1	10101743	10222177	10279961	10201294	0.89	cps
Lithium	6-1	3217700	3134810	3183298	3178603	1.31	cps
Magnesium	24-2	8922866	8809438	8749862	8827389	1.00	cps

LB Number : LB98243 Operator : Jaswal
 Lab Sample ID : J4968-08 Instrumnet Name : P7
 Client Sample ID : SA-PZ182I-20180916MS Dilution Factor : 1
 Date & Time Acquired :: 2018-09-28 17:09:02 DataFile Name : 026SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	3011383	2992041	2988959	2997461	0.41	cps
Molybdenum	94-1	6577739	6585626	6576358	6579908	0.08	cps
Molybdenum	95-1	7946184	7947592	7954900	7949559	0.06	cps
Molybdenum	96-1	8813206	8756818	8800693	8790239	0.34	cps
Molybdenum	97-1	5047839	5050276	5032410	5043508	0.19	cps
Molybdenum	98-1	12614103	12713973	12626547	12651541	0.43	cps
Neodymium	150-1	473	467	420	453	6.41	cps
Neodymium	150-2	120	123	97	113	12.82	cps
Nickel	60-2	377601	379245	379364	378737	0.26	cps
Phosphorus	31-2	233	225	225	228	2.11	cps
Potassium	39-2	3796462	3799461	3742584	3779502	0.85	cps
Rhodium	103-1	4781022	4549304	4668864	4666397	2.48	cps
Rhodium	103-2	2295575	2268418	2260147	2274713	0.81	cps
Scandium	45-1	3831672	3645092	3729654	3735473	2.50	cps
Scandium	45-2	167804	166995	166453	167084	0.41	cps
Selenium	77-2	2674	2680	2690	2681	0.31	cps
Selenium	78-2	9021	8790	9190	9000	2.23	cps
Selenium	82-1	58249	58442	59593	58761	1.24	cps
Silicon	28-1	21560116	21676353	21751054	21662508	0.44	cps
Silver	109-1	3580383	3569826	3581297	3577168	0.18	cps
Silver	107-1	3737862	3755478	3792054	3761798	0.73	cps
Sodium	23-2	18166275	18014973	17878442	18019896	0.80	cps
Strontium	86-1	1136036	1146729	1151965	1144910	0.71	cps
Strontium	88-1	9776053	9954595	9865684	9865444	0.90	cps
Sulfur	34-1	339506	339264	342940	340570	0.60	cps
Terbium	159-1	7499326	7155651	7358661	7337880	2.35	cps
Terbium	159-2	3745834	3699686	3675291	3706937	0.97	cps
Thallium	203-1	3081873	3101665	3130418	3104652	0.79	cps
Thallium	205-1	7232686	7261688	7320814	7271730	0.62	cps
Thorium	232-1	2678	2511	2611	2600	3.23	cps
Tin	118-1	2454319	2456206	2478743	2463089	0.55	cps
Titanium	47-1	2402953	2384978	2384463	2390798	0.44	cps
Uranium	238-1	11285323	11350307	11491899	11375843	0.93	cps
Vanadium	51-2	793556	797051	795038	795215	0.22	cps
Yttrium	89-1	5845368	5563348	5723579	5710765	2.48	cps
Yttrium	89-2	870373	864110	868969	867817	0.38	cps

LB Number :	LB98243	Operator :	Jaswal
Lab Sample ID :	J4968-08	Instrumnet Name :	P7
Client Sample ID :	SA-PZ182I-20180916MS	Dilution Factor :	1
Date & Time Acquired ::	2018-09-28 17:09:02	DataFile Name :	026SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zinc	66-2	286392	287786	291161	288446	0.85	cps
Zirconium	90-1	5547923	5566249	5559706	5557959	0.17	cps
Zirconium	91-1	1208282	1227213	1226824	1220773	0.89	cps

LB Number :	LB98243	Operator :	Jaswal
Lab Sample ID :	J4968-06A	Instrumnet Name :	P7
Client Sample ID :	SA-PZ182I-20180916A	Dilution Factor :	1
Date & Time Acquired ::	2018-09-28 17:12:37	DataFile Name :	027SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	647376	647047	640683	645035	0.58	cps
Antimony	121-1	2824975	2836731	2827700	2829802	0.22	cps
Arsenic	75-2	95093	96558	97183	96278	1.11	cps
Barium	135-1	3791060	3805526	3818218	3804935	0.36	cps
Barium	137-1	6574526	6583380	6572372	6576759	0.09	cps
Beryllium	9-1	902575	896973	898033	899194	0.33	cps
Bismuth	209-1	4359623	4395068	4408093	4387595	0.57	cps
Bismuth	209-2	2479517	2350721	2414616	2414951	2.67	cps
Boron	10-1	155566	154271	159455	156431	1.72	cps
Boron	11-1	697372	705377	717190	706646	1.41	cps
Cadmium	111-1	752942	756299	761487	756909	0.57	cps
Cadmium	106-1	82238	82575	81735	82183	0.51	cps
Cadmium	108-1	56056	56115	56228	56133	0.16	cps
Calcium	43-1	1222906	1220517	1219127	1220850	0.16	cps
Calcium	44-1	19554262	19456161	19508537	19506320	0.25	cps
Chromium	52-2	939198	933343	934328	935623	0.34	cps
Cobalt	59-2	1413788	1435487	1427455	1425577	0.77	cps
Copper	63-2	1867061	1879360	1882215	1876212	0.43	cps
Dysprosium	156-1	317	308	433	353	19.81	cps
Dysprosium	156-2	237	230	197	221	9.69	cps
Erbium	164-1	942	975	1025	981	4.28	cps
Erbium	164-2	520	553	473	516	7.80	cps
Gadolinium	160-1	358	350	433	381	12.06	cps
Gadolinium	160-2	343	317	317	326	4.73	cps
Holmium	165-1	6992988	7172721	7137218	7100976	1.34	cps
Holmium	165-2	3689478	3520848	3587890	3599405	2.36	cps
Indium	115-1	5360150	5412043	5374943	5382379	0.50	cps
Indium	115-2	1088452	1049483	1071001	1069645	1.82	cps
Iron	56-2	43671662	43709627	43230625	43537305	0.61	cps
Iron	57-2	1041344	1052325	1048279	1047316	0.53	cps
Krypton	83-1	267	257	253	259	2.68	cps
Lead	206-1	2528005	2529746	2537948	2531899	0.21	cps
Lead	207-1	2250363	2244626	2254178	2249722	0.21	cps
Lead	208-1	10162810	10176756	10230371	10189979	0.35	cps
Lithium	6-1	3005214	3025298	3016239	3015584	0.33	cps
Magnesium	24-2	8484199	8484504	8398075	8455593	0.59	cps

LB Number : LB98243 Operator : Jaswal
 Lab Sample ID : J4968-06A Instrumnet Name : P7
 Client Sample ID : SA-PZ182I-20180916A Dilution Factor : 1
 Date & Time Acquired :: 2018-09-28 17:12:37 DataFile Name : 027SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	2910089	2892501	2878332	2893640	0.55	cps
Molybdenum	94-1	6464122	6501064	6493723	6486303	0.30	cps
Molybdenum	95-1	7851366	7803567	7841148	7832027	0.32	cps
Molybdenum	96-1	8696926	8641562	8649696	8662728	0.35	cps
Molybdenum	97-1	4968792	4937524	4936673	4947663	0.37	cps
Molybdenum	98-1	12424615	12436628	12475211	12445485	0.21	cps
Neodymium	150-1	393	453	467	438	8.92	cps
Neodymium	150-2	133	127	113	124	8.18	cps
Nickel	60-2	364185	370673	369454	368104	0.94	cps
Phosphorus	31-2	183	217	183	194	9.90	cps
Potassium	39-2	3639617	3622236	3581179	3614344	0.83	cps
Rhodium	103-1	4606071	4685645	4661895	4651204	0.88	cps
Rhodium	103-2	2253233	2140477	2182882	2192198	2.60	cps
Scandium	45-1	3696743	3680955	3668253	3681984	0.39	cps
Scandium	45-2	163464	155246	157321	158677	2.69	cps
Selenium	77-2	2637	2710	2820	2723	3.39	cps
Selenium	78-2	8882	9057	8768	8902	1.63	cps
Selenium	82-1	57549	58313	57985	57949	0.66	cps
Silicon	28-1	20866675	20977921	20949357	20931318	0.28	cps
Silver	109-1	3513373	3526771	3522875	3521006	0.20	cps
Silver	107-1	3724131	3698849	3675058	3699346	0.66	cps
Sodium	23-2	17478224	17335621	17204295	17339380	0.79	cps
Strontium	86-1	1119794	1120352	1135631	1125259	0.80	cps
Strontium	88-1	9791287	9721412	9697873	9736857	0.50	cps
Sulfur	34-1	331095	327976	325354	328142	0.88	cps
Terbium	159-1	7357654	7412145	7425461	7398420	0.49	cps
Terbium	159-2	3707302	3525386	3605143	3612610	2.52	cps
Thallium	203-1	3063571	3101432	3136772	3100592	1.18	cps
Thallium	205-1	7253147	7295984	7350249	7299793	0.67	cps
Thorium	232-1	1984	2050	2145	2059	3.93	cps
Tin	118-1	2440196	2446840	2447593	2444876	0.17	cps
Titanium	47-1	2342222	2315244	2324021	2327163	0.59	cps
Uranium	238-1	11412697	11449318	11428645	11430220	0.16	cps
Vanadium	51-2	770204	768883	769608	769565	0.09	cps
Yttrium	89-1	5690522	5745716	5710821	5715686	0.49	cps
Yttrium	89-2	851645	815401	840762	835936	2.22	cps

LB Number :	LB98243	Operator :	Jaswal
Lab Sample ID :	J4968-06A	Instrumnet Name :	P7
Client Sample ID :	SA-PZ182I-20180916A	Dilution Factor :	1
Date & Time Acquired ::	2018-09-28 17:12:37	DataFile Name :	027SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zinc	66-2	282187	285274	285544	284335	0.66	cps
Zirconium	90-1	5458626	5502226	5459123	5473325	0.46	cps
Zirconium	91-1	1189306	1199497	1194421	1194408	0.43	cps

LB Number :	LB98243	Operator :	Jaswal
Lab Sample ID :	J4968-12	Instrumnet Name :	P7
Client Sample ID :	SA-DUP06-20180916	Dilution Factor :	1
Date & Time Acquired ::	2018-09-28 17:16:11	DataFile Name :	028SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	717	492	692	633	19.47	cps
Antimony	121-1	14608	15150	15492	15084	2.96	cps
Arsenic	75-2	1293	1359	1498	1383	7.58	cps
Barium	135-1	31077	30242	30275	30531	1.55	cps
Barium	137-1	54223	53002	55194	54140	2.03	cps
Beryllium	9-1	261	283	311	285	8.78	cps
Bismuth	209-1	4692151	4713664	4704328	4703381	0.23	cps
Bismuth	209-2	2561895	2565994	2565433	2564441	0.09	cps
Boron	10-1	19563	18754	17703	18673	5.00	cps
Boron	11-1	87762	82148	78001	82637	5.93	cps
Cadmium	111-1	1467	1260	1202	1309	10.64	cps
Cadmium	106-1	1825	1508	1533	1622	10.85	cps
Cadmium	108-1	33	13	25	24	44.41	cps
Calcium	43-1	175579	172704	174340	174208	0.83	cps
Calcium	44-1	2738267	2714053	2721777	2724699	0.45	cps
Chromium	52-2	2610	2580	2430	2540	3.80	cps
Cobalt	59-2	12495	12716	12586	12599	0.88	cps
Copper	63-2	7285	7629	7926	7613	4.21	cps
Dysprosium	156-1	300	283	242	275	10.93	cps
Dysprosium	156-2	153	180	153	162	9.49	cps
Erbium	164-1	1142	983	1058	1061	7.46	cps
Erbium	164-2	530	437	523	497	10.48	cps
Gadolinium	160-1	400	392	433	408	5.40	cps
Gadolinium	160-2	253	293	293	280	8.25	cps
Holmium	165-1	7132249	7132942	7164394	7143195	0.26	cps
Holmium	165-2	3620636	3627323	3642753	3630237	0.31	cps
Indium	115-1	5679212	5678110	5649075	5668799	0.30	cps
Indium	115-2	1079822	1084693	1090259	1084925	0.48	cps
Iron	56-2	4014630	4007986	4000042	4007552	0.18	cps
Iron	57-2	98836	97729	99843	98803	1.07	cps
Krypton	83-1	223	240	210	224	6.70	cps
Lead	206-1	1178	1261	1456	1298	10.98	cps
Lead	207-1	1211	1245	1083	1180	7.21	cps
Lead	208-1	5406	5506	5401	5438	1.09	cps
Lithium	6-1	2917637	2921522	2912222	2917127	0.16	cps
Magnesium	24-2	590739	588393	594126	591086	0.49	cps

LB Number :	LB98243	Operator :	Jaswal
Lab Sample ID :	J4968-12	Instrumnet Name :	P7
Client Sample ID :	SA-DUP06-20180916	Dilution Factor :	1
Date & Time Acquired ::	2018-09-28 17:16:11	DataFile Name :	028SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	1760416	1756158	1756119	1757564	0.14	cps
Molybdenum	94-1	1784	1633	1350	1589	13.85	cps
Molybdenum	95-1	2309	2175	2184	2222	3.36	cps
Molybdenum	96-1	2367	2300	2242	2303	2.72	cps
Molybdenum	97-1	1267	1208	1242	1239	2.36	cps
Molybdenum	98-1	3484	3609	3317	3470	4.22	cps
Neodymium	150-1	213	247	293	251	16.00	cps
Neodymium	150-2	77	127	77	93	30.93	cps
Nickel	60-2	1790	1957	1877	1875	4.45	cps
Phosphorus	31-2	142	133	150	142	5.88	cps
Potassium	39-2	173629	173672	177508	174936	1.27	cps
Rhodium	103-1	4901189	4915135	4872691	4896338	0.44	cps
Rhodium	103-2	2302303	2292498	2296118	2296973	0.22	cps
Scandium	45-1	3662491	3647778	3657293	3655854	0.20	cps
Scandium	45-2	154950	154482	154993	154808	0.18	cps
Selenium	77-2	13	3	10	9	57.30	cps
Selenium	78-2	24	37	30	30	21.51	cps
Selenium	82-1	-9	-31	46	2	2093.74	cps
Silicon	28-1	18065536	17888123	17883653	17945771	0.58	cps
Silver	109-1	1375	1550	1350	1425	7.65	cps
Silver	107-1	1450	1558	1667	1558	6.95	cps
Sodium	23-2	2266235	2271818	2278587	2272213	0.27	cps
Strontium	86-1	99904	100635	99863	100134	0.43	cps
Strontium	88-1	843691	847963	847686	846447	0.28	cps
Sulfur	34-1	324367	319347	322077	321931	0.78	cps
Terbium	159-1	7479137	7508891	7512517	7500182	0.24	cps
Terbium	159-2	3658139	3626775	3636885	3640599	0.44	cps
Thallium	203-1	1067	975	833	958	12.27	cps
Thallium	205-1	2634	2275	1992	2300	13.98	cps
Thorium	232-1	244	300	367	304	20.15	cps
Tin	118-1	16886	17019	15985	16630	3.38	cps
Titanium	47-1	617	658	600	625	4.81	cps
Uranium	238-1	858	1100	1050	1003	12.72	cps
Vanadium	51-2	913	977	1007	966	4.93	cps
Yttrium	89-1	5763677	5772018	5784763	5773486	0.18	cps
Yttrium	89-2	818079	822147	831004	823744	0.80	cps

LB Number :	LB98243	Operator :	Jaswal
Lab Sample ID :	J4968-12	Instrumnet Name :	P7
Client Sample ID :	SA-DUP06-20180916	Dilution Factor :	1
Date & Time Acquired ::	2018-09-28 17:16:11	DataFile Name :	028SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zinc	66-2	2454	2420	2490	2455	1.43	cps
Zirconium	90-1	1333	1058	1183	1192	11.56	cps
Zirconium	91-1	250	250	158	219	24.12	cps

LB Number :	LB98243	Operator :	Jaswal
Lab Sample ID :	CCV14	Instrumnet Name :	P7
Client Sample ID :	CCV14	Dilution Factor :	1
Date & Time Acquired ::	2018-09-28 17:22:00	DataFile Name :	029CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	4200176	4242117	4243644	4228646	0.58	cps
Antimony	121-1	2642320	2653652	2653948	2649973	0.25	cps
Arsenic	75-2	100893	103308	102916	102372	1.27	cps
Barium	135-1	3950338	3974211	3935524	3953358	0.49	cps
Barium	137-1	6818513	6852067	6832551	6834377	0.25	cps
Beryllium	9-1	990004	994900	1001270	995391	0.57	cps
Bismuth	209-1	4156376	4074863	4061836	4097692	1.25	cps
Bismuth	209-2	2270472	2275488	2323147	2289703	1.27	cps
Boron	10-1	156444	163626	165410	161827	2.93	cps
Boron	11-1	711730	731520	752585	731945	2.79	cps
Cadmium	111-1	726092	736211	738122	733475	0.88	cps
Cadmium	106-1	81626	81869	82574	82023	0.60	cps
Cadmium	108-1	55320	55776	56320	55805	0.90	cps
Calcium	43-1	5598307	5622912	5575035	5598751	0.43	cps
Calcium	44-1	88941312	89219279	88817198	88992596	0.23	cps
Chromium	52-2	1097816	1109794	1123130	1110247	1.14	cps
Cobalt	59-2	1531777	1551750	1571200	1551576	1.27	cps
Copper	63-2	1927311	1954089	1964162	1948521	0.98	cps
Dysprosium	156-1	75	58	83	72	17.62	cps
Dysprosium	156-2	80	80	67	76	10.19	cps
Erbium	164-1	50	42	42	44	10.82	cps
Erbium	164-2	10	13	17	13	25.01	cps
Gadolinium	160-1	50	67	33	50	33.34	cps
Gadolinium	160-2	73	83	107	88	19.49	cps
Holmium	165-1	7192380	7093412	7139283	7141692	0.69	cps
Holmium	165-2	3666946	3680634	3745012	3697531	1.13	cps
Indium	115-1	5057676	5024935	4999106	5027239	0.58	cps
Indium	115-2	1022676	1040237	1071571	1044828	2.37	cps
Iron	56-2	221703016	221917233	224409411	222676553	0.68	cps
Iron	57-2	5332542	5329786	5375581	5345970	0.48	cps
Krypton	83-1	250	207	207	221	11.32	cps
Lead	206-1	2526376	2540438	2545245	2537353	0.39	cps
Lead	207-1	2339183	2341385	2342833	2341134	0.08	cps
Lead	208-1	10425493	10430611	10406658	10420920	0.12	cps
Lithium	6-1	2567655	2539256	2541963	2549625	0.61	cps
Magnesium	24-2	45054670	45076184	45761210	45297355	0.89	cps

LB Number :	LB98243	Operator :	Jaswal
Lab Sample ID :	CCV14	Instrumnet Name :	P7
Client Sample ID :	CCV14	Dilution Factor :	1
Date & Time Acquired ::	2018-09-28 17:22:00	DataFile Name :	029CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	1282289	1297958	1315516	1298588	1.28	cps
Molybdenum	94-1	6965341	6945854	6882383	6931193	0.63	cps
Molybdenum	95-1	8392508	8404486	8388201	8395065	0.10	cps
Molybdenum	96-1	9250583	9257711	9237518	9248604	0.11	cps
Molybdenum	97-1	5284868	5298493	5304972	5296111	0.19	cps
Molybdenum	98-1	13279291	13348872	13354850	13327671	0.32	cps
Neodymium	150-1	233	360	220	271	28.50	cps
Neodymium	150-2	40	37	40	39	4.94	cps
Nickel	60-2	397555	404233	404372	402054	0.97	cps
Phosphorus	31-2	41576	41534	43163	42091	2.21	cps
Potassium	39-2	20333227	20606754	20724056	20554679	0.98	cps
Rhodium	103-1	4501834	4474815	4482380	4486343	0.31	cps
Rhodium	103-2	2077447	2128037	2186410	2130631	2.56	cps
Scandium	45-1	3882072	3862461	3850177	3864903	0.42	cps
Scandium	45-2	174500	179040	181429	178323	1.97	cps
Selenium	77-2	2910	2830	2854	2865	1.44	cps
Selenium	78-2	9127	9066	9357	9183	1.67	cps
Selenium	82-1	56307	56675	57354	56778	0.94	cps
Silicon	28-1	2884900	2941050	2985023	2936991	1.71	cps
Silver	109-1	3591272	3594392	3598690	3594785	0.10	cps
Silver	107-1	3780914	3778344	3795732	3784997	0.25	cps
Sodium	23-2	88501473	88682533	89309094	88831033	0.48	cps
Strontium	86-1	1059184	1070066	1080452	1069900	0.99	cps
Strontium	88-1	9326254	9399056	9365208	9363506	0.39	cps
Sulfur	34-1	526545	532014	533108	530556	0.66	cps
Terbium	159-1	7514083	7454049	7398952	7455695	0.77	cps
Terbium	159-2	3700258	3679855	3728704	3702939	0.66	cps
Thallium	203-1	3172787	3165781	3174078	3170882	0.14	cps
Thallium	205-1	7448872	7418192	7407050	7424705	0.29	cps
Thorium	232-1	12345471	12361886	12316223	12341193	0.19	cps
Tin	118-1	2607100	2636975	2619881	2621319	0.57	cps
Titanium	47-1	2552897	2574978	2575185	2567687	0.50	cps
Uranium	238-1	11806655	11668472	11655574	11710234	0.72	cps
Vanadium	51-2	883701	902034	908138	897958	1.42	cps
Yttrium	89-1	5837641	5798321	5759084	5798349	0.68	cps
Yttrium	89-2	861762	883295	904666	883241	2.43	cps

LB Number :	LB98243	Operator :	Jaswal
Lab Sample ID :	CCV14	Instrumnet Name :	P7
Client Sample ID :	CCV14	Dilution Factor :	1
Date & Time Acquired ::	2018-09-28 17:22:00	DataFile Name :	029CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zinc	66-2	291937	294561	298617	295038	1.14	cps
Zirconium	90-1	5887516	5894947	5848264	5876909	0.43	cps
Zirconium	91-1	1259568	1274284	1268481	1267445	0.58	cps

LB Number :	LB98243	Operator :	Jaswal
Lab Sample ID :	CCB14	Instrumnet Name :	P7
Client Sample ID :	CCB14	Dilution Factor :	1
Date & Time Acquired ::	2018-09-28 17:28:56	DataFile Name :	030CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	83	75	83	81	5.98	cps
Antimony	121-1	942	1008	1025	992	4.45	cps
Arsenic	75-2	7	7	11	9	24.71	cps
Barium	135-1	125	75	58	86	40.29	cps
Barium	137-1	208	125	150	161	26.54	cps
Beryllium	9-1	178	144	183	169	12.48	cps
Bismuth	209-1	4764037	4784550	4813916	4787501	0.52	cps
Bismuth	209-2	2790413	2798488	2795271	2794724	0.15	cps
Boron	10-1	6143	5826	5068	5679	9.73	cps
Boron	11-1	25990	25439	24204	25211	3.63	cps
Cadmium	111-1	1249	1330	1331	1303	3.63	cps
Cadmium	106-1	1675	1817	1817	1770	4.62	cps
Cadmium	108-1	4	0	4	3	86.60	cps
Calcium	43-1	267	225	225	239	10.07	cps
Calcium	44-1	7827	7419	7294	7513	3.71	cps
Chromium	52-2	533	503	557	531	5.03	cps
Cobalt	59-2	73	67	77	72	7.05	cps
Copper	63-2	3057	3004	3067	3043	1.12	cps
Dysprosium	156-1	8	0	0	3	173.21	cps
Dysprosium	156-2	0	0	0	0	0.00	cps
Erbium	164-1	33	25	17	25	33.32	cps
Erbium	164-2	23	7	10	13	66.12	cps
Gadolinium	160-1	33	58	8	33	75.02	cps
Gadolinium	160-2	93	120	90	101	16.26	cps
Holmium	165-1	7352129	7413082	7430331	7398514	0.56	cps
Holmium	165-2	3996054	3995798	3987967	3993273	0.12	cps
Indium	115-1	5677629	5716016	5738921	5710855	0.54	cps
Indium	115-2	1150549	1171148	1175044	1165580	1.13	cps
Iron	56-2	6057	6368	6229	6218	2.51	cps
Iron	57-2	194	167	133	165	18.56	cps
Krypton	83-1	187	203	213	201	6.70	cps
Lead	206-1	439	367	378	394	9.86	cps
Lead	207-1	339	289	306	311	8.18	cps
Lead	208-1	1667	1567	1478	1570	6.02	cps
Lithium	6-1	2847269	2873383	2876497	2865716	0.56	cps
Magnesium	24-2	833	983	633	817	21.50	cps

LB Number :	LB98243	Operator :	Jaswal
Lab Sample ID :	CCB14	Instrumnet Name :	P7
Client Sample ID :	CCB14	Dilution Factor :	1
Date & Time Acquired ::	2018-09-28 17:28:56	DataFile Name :	030CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	143	130	153	142	8.23	cps
Molybdenum	94-1	550	542	550	547	0.88	cps
Molybdenum	95-1	508	408	350	422	18.97	cps
Molybdenum	96-1	525	533	450	503	9.13	cps
Molybdenum	97-1	342	300	242	294	17.06	cps
Molybdenum	98-1	667	750	617	678	9.94	cps
Neodymium	150-1	0	0	0	0	0.00	cps
Neodymium	150-2	0	0	0	0	0.00	cps
Nickel	60-2	57	50	50	52	7.37	cps
Phosphorus	31-2	142	242	158	181	29.67	cps
Potassium	39-2	20490	19488	19205	19728	3.42	cps
Rhodium	103-1	5295072	5373857	5422652	5363860	1.20	cps
Rhodium	103-2	2639605	2664710	2656422	2653579	0.48	cps
Scandium	45-1	4206832	4272600	4242247	4240560	0.78	cps
Scandium	45-2	191051	192982	194748	192927	0.96	cps
Selenium	77-2	0	0	0	0	0.00	cps
Selenium	78-2	33	33	39	35	9.12	cps
Selenium	82-1	-22	2	-3	-8	-156.48	cps
Silicon	28-1	174320	174339	177692	175451	1.11	cps
Silver	109-1	308	383	358	350	10.91	cps
Silver	107-1	442	433	475	450	4.90	cps
Sodium	23-2	18395	17961	18087	18148	1.23	cps
Strontium	86-1	342	358	358	353	2.73	cps
Strontium	88-1	333	267	375	325	16.81	cps
Sulfur	34-1	147339	143930	145462	145577	1.17	cps
Terbium	159-1	7692317	7806342	7855183	7784614	1.07	cps
Terbium	159-2	4008999	4041212	4032000	4027404	0.41	cps
Thallium	203-1	400	342	308	350	13.26	cps
Thallium	205-1	842	1033	875	917	11.17	cps
Thorium	232-1	1167	1078	1028	1091	6.45	cps
Tin	118-1	1267	1133	1183	1195	5.64	cps
Titanium	47-1	150	142	108	133	16.54	cps
Uranium	238-1	217	150	217	194	19.79	cps
Vanadium	51-2	17	17	37	23	49.48	cps
Yttrium	89-1	6227199	6251350	6321151	6266567	0.78	cps
Yttrium	89-2	936460	951076	953496	947010	0.97	cps

LB Number :	LB98243	Operator :	Jaswal
Lab Sample ID :	CCB14	Instrumnet Name :	P7
Client Sample ID :	CCB14	Dilution Factor :	1
Date & Time Acquired ::	2018-09-28 17:28:56	DataFile Name :	030CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zinc	66-2	1057	1027	1053	1046	1.57	cps
Zirconium	90-1	758	792	942	831	11.76	cps
Zirconium	91-1	225	142	208	192	23.01	cps

LB Number :	LB98243	Operator :	Jaswal
Lab Sample ID :	J5041-01	Instrumnet Name :	P7
Client Sample ID :	S13-0258	Dilution Factor :	1
Date & Time Acquired ::	2018-09-28 17:32:29	DataFile Name :	031SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	3300	3375	3167	3281	3.22	cps
Antimony	121-1	17770	17094	17311	17392	1.98	cps
Arsenic	75-2	9375	9392	9698	9488	1.91	cps
Barium	135-1	14383	14667	15009	14686	2.13	cps
Barium	137-1	24531	25641	25816	25329	2.75	cps
Beryllium	9-1	94	150	133	126	22.64	cps
Bismuth	209-1	4644524	4630681	4699884	4658363	0.79	cps
Bismuth	209-2	2532340	2547947	2533948	2538078	0.34	cps
Boron	10-1	8336	8461	8178	8325	1.71	cps
Boron	11-1	37531	38057	36796	37461	1.69	cps
Cadmium	111-1	1188	1293	1146	1209	6.29	cps
Cadmium	106-1	1400	1659	1458	1506	9.00	cps
Cadmium	108-1	25	38	13	25	50.00	cps
Calcium	43-1	111971	112635	111115	111907	0.68	cps
Calcium	44-1	1787754	1773720	1755975	1772483	0.90	cps
Chromium	52-2	5038	5111	4944	5031	1.66	cps
Cobalt	59-2	16686	16399	16423	16503	0.97	cps
Copper	63-2	10140	10177	10344	10220	1.06	cps
Dysprosium	156-1	233	283	317	278	15.10	cps
Dysprosium	156-2	160	160	167	162	2.37	cps
Erbium	164-1	292	292	300	294	1.64	cps
Erbium	164-2	140	133	143	139	3.67	cps
Gadolinium	160-1	233	308	300	281	14.65	cps
Gadolinium	160-2	187	253	200	213	16.54	cps
Holmium	165-1	6873725	6873339	7009623	6918896	1.14	cps
Holmium	165-2	3539757	3574514	3528075	3547449	0.68	cps
Indium	115-1	5686463	5709154	5776298	5723972	0.82	cps
Indium	115-2	1078450	1098032	1084101	1086861	0.93	cps
Iron	56-2	24614777	24314388	24328573	24419246	0.69	cps
Iron	57-2	582250	579853	585539	582547	0.49	cps
Krypton	83-1	290	240	227	252	13.24	cps
Lead	206-1	3851	3767	3634	3751	2.92	cps
Lead	207-1	3439	3351	3345	3378	1.57	cps
Lead	208-1	15282	15282	14765	15109	1.98	cps
Lithium	6-1	3180050	3165985	3177749	3174595	0.24	cps
Magnesium	24-2	270364	271705	268350	270140	0.63	cps

LB Number :	LB98243	Operator :	Jaswal
Lab Sample ID :	J5041-01	Instrumnet Name :	P7
Client Sample ID :	S13-0258	Dilution Factor :	1
Date & Time Acquired ::	2018-09-28 17:32:29	DataFile Name :	031SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	2058196	2067791	2061239	2062409	0.24	cps
Molybdenum	94-1	2717	2792	2892	2800	3.14	cps
Molybdenum	95-1	4026	4034	3934	3998	1.39	cps
Molybdenum	96-1	4459	5026	4893	4793	6.18	cps
Molybdenum	97-1	2492	2584	2234	2436	7.45	cps
Molybdenum	98-1	6202	6327	6343	6291	1.23	cps
Neodymium	150-1	353	400	433	396	10.16	cps
Neodymium	150-2	160	180	157	166	7.62	cps
Nickel	60-2	5918	6185	6201	6101	2.61	cps
Phosphorus	31-2	275	408	383	356	19.93	cps
Potassium	39-2	114934	115993	117143	116024	0.95	cps
Rhodium	103-1	4738958	4766817	4838128	4781301	1.07	cps
Rhodium	103-2	2282636	2290599	2253978	2275738	0.85	cps
Scandium	45-1	3659046	3648006	3668613	3658555	0.28	cps
Scandium	45-2	153680	154823	153020	153841	0.59	cps
Selenium	77-2	3	10	13	9	57.30	cps
Selenium	78-2	39	31	43	38	15.02	cps
Selenium	82-1	-51	-59	-24	-44	-40.43	cps
Silicon	28-1	10784655	10576699	10505938	10622431	1.36	cps
Silver	109-1	2567	2225	1825	2206	16.83	cps
Silver	107-1	2784	2134	2142	2353	15.85	cps
Sodium	23-2	676771	677049	677861	677227	0.08	cps
Strontium	86-1	64704	64839	65224	64922	0.42	cps
Strontium	88-1	560378	561630	566066	562691	0.53	cps
Sulfur	34-1	136310	133644	130829	133594	2.05	cps
Terbium	159-1	7161122	7199843	7367880	7242948	1.52	cps
Terbium	159-2	3569737	3579229	3552519	3567162	0.38	cps
Thallium	203-1	1000	792	550	781	28.85	cps
Thallium	205-1	2425	1667	1233	1775	33.98	cps
Thorium	232-1	1872	2089	1972	1978	5.48	cps
Tin	118-1	18430	18496	18421	18449	0.22	cps
Titanium	47-1	2884	2984	3000	2956	2.13	cps
Uranium	238-1	3176	2750	2950	2959	7.19	cps
Vanadium	51-2	1280	1220	1120	1207	6.70	cps
Yttrium	89-1	5597042	5653478	5715965	5655495	1.05	cps
Yttrium	89-2	809349	820823	811422	813865	0.75	cps

LB Number :	LB98243	Operator :	Jaswal
Lab Sample ID :	J5041-01	Instrumnet Name :	P7
Client Sample ID :	S13-0258	Dilution Factor :	1
Date & Time Acquired ::	2018-09-28 17:32:29	DataFile Name :	031SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zinc	66-2	5034	5208	5151	5131	1.72	cps
Zirconium	90-1	1383	1267	1167	1272	8.52	cps
Zirconium	91-1	433	200	300	311	37.63	cps

LB Number :	LB98243	Operator :	Jaswal
Lab Sample ID :	J5041-02	Instrumnet Name :	P7
Client Sample ID :	S13-0257	Dilution Factor :	1
Date & Time Acquired ::	2018-09-28 17:36:04	DataFile Name :	032SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	1875	1683	1925	1828	6.98	cps
Antimony	121-1	11722	11572	11922	11739	1.50	cps
Arsenic	75-2	33349	33802	34082	33745	1.10	cps
Barium	135-1	27086	28672	27854	27870	2.85	cps
Barium	137-1	49991	47925	49154	49023	2.12	cps
Beryllium	9-1	128	72	111	104	27.49	cps
Bismuth	209-1	4575171	4628886	4596136	4600064	0.59	cps
Bismuth	209-2	2578526	2542158	2569937	2563540	0.74	cps
Boron	10-1	25080	26098	25981	25720	2.17	cps
Boron	11-1	113096	114187	116630	114638	1.58	cps
Cadmium	111-1	1056	1127	1214	1132	6.97	cps
Cadmium	106-1	1450	1542	1675	1556	7.27	cps
Cadmium	108-1	13	21	13	15	31.48	cps
Calcium	43-1	494842	495066	492693	494200	0.27	cps
Calcium	44-1	7845376	7844102	7808162	7832546	0.27	cps
Chromium	52-2	2197	2127	2210	2178	2.06	cps
Cobalt	59-2	14190	14260	13903	14118	1.34	cps
Copper	63-2	7412	7345	7279	7345	0.91	cps
Dysprosium	156-1	217	225	175	206	13.03	cps
Dysprosium	156-2	110	103	107	107	3.12	cps
Erbium	164-1	250	242	217	236	7.35	cps
Erbium	164-2	117	127	160	134	16.87	cps
Gadolinium	160-1	158	225	242	208	21.17	cps
Gadolinium	160-2	230	177	163	190	18.57	cps
Holmium	165-1	7041498	7154050	7121774	7105774	0.82	cps
Holmium	165-2	3672746	3638133	3691403	3667427	0.74	cps
Indium	115-1	5507993	5572710	5563951	5548218	0.63	cps
Indium	115-2	1072937	1082229	1095830	1083665	1.06	cps
Iron	56-2	60470304	59830537	59829037	60043293	0.62	cps
Iron	57-2	1433948	1430203	1444036	1436062	0.50	cps
Krypton	83-1	200	217	203	207	4.27	cps
Lead	206-1	1406	1528	1572	1502	5.75	cps
Lead	207-1	1272	1350	1356	1326	3.51	cps
Lead	208-1	5745	5790	6140	5891	3.67	cps
Lithium	6-1	2852968	2883132	2875211	2870437	0.54	cps
Magnesium	24-2	832314	825826	826350	828163	0.44	cps

LB Number :	LB98243	Operator :	Jaswal
Lab Sample ID :	J5041-02	Instrumnet Name :	P7
Client Sample ID :	S13-0257	Dilution Factor :	1
Date & Time Acquired ::	2018-09-28 17:36:04	DataFile Name :	032SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	5099138	5044928	5032151	5058739	0.70	cps
Molybdenum	94-1	4601	4693	4443	4579	2.76	cps
Molybdenum	95-1	7519	7894	7944	7786	2.99	cps
Molybdenum	96-1	8820	9220	9195	9078	2.47	cps
Molybdenum	97-1	4443	4318	5068	4609	8.72	cps
Molybdenum	98-1	11180	11463	11797	11480	2.69	cps
Neodymium	150-1	160	280	180	207	31.14	cps
Neodymium	150-2	73	57	33	54	36.91	cps
Nickel	60-2	3060	3160	3160	3127	1.85	cps
Phosphorus	31-2	917	783	900	867	8.38	cps
Potassium	39-2	344433	340576	347186	344065	0.97	cps
Rhodium	103-1	4772440	4869849	4844255	4828848	1.05	cps
Rhodium	103-2	2315400	2290126	2308832	2304786	0.57	cps
Scandium	45-1	3614844	3668904	3630855	3638201	0.76	cps
Scandium	45-2	158454	158604	157885	158314	0.24	cps
Selenium	77-2	10	3	13	9	57.30	cps
Selenium	78-2	26	31	31	30	10.81	cps
Selenium	82-1	30	31	28	30	6.69	cps
Silicon	28-1	50589756	50488396	50360078	50479410	0.23	cps
Silver	109-1	1108	1117	1308	1178	9.61	cps
Silver	107-1	1233	1242	1150	1208	4.19	cps
Sodium	23-2	2182764	2150459	2155230	2162818	0.81	cps
Strontium	86-1	359781	369941	369642	366455	1.58	cps
Strontium	88-1	3146090	3148269	3178023	3157460	0.57	cps
Sulfur	34-1	122971	120610	122459	122013	1.02	cps
Terbium	159-1	7323539	7438955	7443518	7402004	0.92	cps
Terbium	159-2	3670342	3669147	3693240	3677576	0.37	cps
Thallium	203-1	242	158	192	197	21.27	cps
Thallium	205-1	508	575	517	533	6.81	cps
Thorium	232-1	1106	1300	1278	1228	8.67	cps
Tin	118-1	11280	12523	12982	12261	7.18	cps
Titanium	47-1	1759	1592	1800	1717	6.42	cps
Uranium	238-1	558	533	458	517	10.07	cps
Vanadium	51-2	583	600	557	580	3.77	cps
Yttrium	89-1	5676897	5749674	5742616	5723062	0.70	cps
Yttrium	89-2	833735	831343	842621	835900	0.71	cps

LB Number :	LB98243	Operator :	Jaswal
Lab Sample ID :	J5041-02	Instrumnet Name :	P7
Client Sample ID :	S13-0257	Dilution Factor :	1
Date & Time Acquired ::	2018-09-28 17:36:04	DataFile Name :	032SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zinc	66-2	2774	2547	2664	2661	4.26	cps
Zirconium	90-1	1184	1209	833	1075	19.51	cps
Zirconium	91-1	492	467	450	469	4.47	cps

LB Number :	LB98243	Operator :	Jaswal
Lab Sample ID :	J5041-03	Instrumnet Name :	P7
Client Sample ID :	S13-0251	Dilution Factor :	1
Date & Time Acquired ::	2018-09-28 17:39:40	DataFile Name :	033SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	1083	1183	1325	1197	10.14	cps
Antimony	121-1	14299	14558	14817	14558	1.78	cps
Arsenic	75-2	26990	27181	27257	27143	0.51	cps
Barium	135-1	53947	54081	53913	53980	0.16	cps
Barium	137-1	94503	95981	95033	95172	0.79	cps
Beryllium	9-1	100	133	128	120	14.84	cps
Bismuth	209-1	4572933	4672763	4551280	4598992	1.41	cps
Bismuth	209-2	2498095	2489082	2467715	2484964	0.63	cps
Boron	10-1	26123	26875	26415	26471	1.43	cps
Boron	11-1	119587	121056	120149	120264	0.62	cps
Cadmium	111-1	1689	1597	1386	1557	9.99	cps
Cadmium	106-1	1567	1475	1275	1439	10.37	cps
Cadmium	108-1	29	21	88	46	79.25	cps
Calcium	43-1	756849	746214	750882	751315	0.71	cps
Calcium	44-1	12035732	11936171	11931457	11967787	0.49	cps
Chromium	52-2	2287	2294	2504	2361	5.22	cps
Cobalt	59-2	38043	37859	38454	38118	0.80	cps
Copper	63-2	14034	13933	14401	14123	1.74	cps
Dysprosium	156-1	108	42	92	81	43.07	cps
Dysprosium	156-2	43	57	20	40	46.40	cps
Erbium	164-1	142	100	142	128	18.82	cps
Erbium	164-2	53	63	43	53	18.75	cps
Gadolinium	160-1	125	83	50	86	43.64	cps
Gadolinium	160-2	113	127	90	110	16.87	cps
Holmium	165-1	7003757	7228293	7064349	7098800	1.64	cps
Holmium	165-2	3579726	3552819	3540179	3557575	0.57	cps
Indium	115-1	5358345	5491437	5362118	5403966	1.40	cps
Indium	115-2	1022794	1028670	1039607	1030357	0.83	cps
Iron	56-2	28918863	28793940	28973701	28895501	0.32	cps
Iron	57-2	689264	692245	698684	693398	0.69	cps
Krypton	83-1	210	223	173	202	12.80	cps
Lead	206-1	2945	2962	2900	2936	1.08	cps
Lead	207-1	2606	2506	2617	2576	2.38	cps
Lead	208-1	11619	11330	11919	11623	2.53	cps
Lithium	6-1	2623290	2667600	2608612	2633167	1.17	cps
Magnesium	24-2	1284598	1290828	1288753	1288060	0.25	cps

LB Number :	LB98243	Operator :	Jaswal
Lab Sample ID :	J5041-03	Instrumnet Name :	P7
Client Sample ID :	S13-0251	Dilution Factor :	1
Date & Time Acquired ::	2018-09-28 17:39:40	DataFile Name :	033SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	1085854	1093239	1103815	1094303	0.82	cps
Molybdenum	94-1	2009	1659	2150	1939	13.05	cps
Molybdenum	95-1	3042	2867	3134	3014	4.50	cps
Molybdenum	96-1	3717	3742	3534	3665	3.10	cps
Molybdenum	97-1	1575	1909	1642	1709	10.33	cps
Molybdenum	98-1	4434	4651	4292	4459	4.05	cps
Neodymium	150-1	80	133	153	122	31.02	cps
Neodymium	150-2	43	23	13	27	57.29	cps
Nickel	60-2	37127	37421	37511	37353	0.54	cps
Phosphorus	31-2	558	642	692	631	10.68	cps
Potassium	39-2	685463	686844	693903	688737	0.66	cps
Rhodium	103-1	4664086	4798722	4699008	4720605	1.48	cps
Rhodium	103-2	2202794	2180098	2110936	2164609	2.21	cps
Scandium	45-1	3443990	3544538	3422236	3470255	1.88	cps
Scandium	45-2	143651	142797	145176	143875	0.84	cps
Selenium	77-2	3	7	13	8	65.47	cps
Selenium	78-2	31	30	24	28	13.58	cps
Selenium	82-1	6	-20	38	8	356.74	cps
Silicon	28-1	39689902	38991148	38510734	39063928	1.52	cps
Silver	109-1	925	825	1042	931	11.65	cps
Silver	107-1	975	1125	1150	1083	8.74	cps
Sodium	23-2	2163426	2160554	2155691	2159890	0.18	cps
Strontium	86-1	608536	592213	594466	598405	1.48	cps
Strontium	88-1	5228037	5157082	5128796	5171305	0.99	cps
Sulfur	34-1	117695	118039	113757	116497	2.04	cps
Terbium	159-1	7262871	7561588	7352263	7392241	2.07	cps
Terbium	159-2	3583262	3532282	3551738	3555761	0.72	cps
Thallium	203-1	217	192	167	192	13.04	cps
Thallium	205-1	392	283	358	344	16.11	cps
Thorium	232-1	983	1022	1178	1061	9.70	cps
Tin	118-1	11513	11130	12072	11572	4.10	cps
Titanium	47-1	1709	1734	1550	1664	5.98	cps
Uranium	238-1	1033	1042	992	1022	2.62	cps
Vanadium	51-2	1040	997	1107	1048	5.29	cps
Yttrium	89-1	5557725	5726980	5539790	5608165	1.84	cps
Yttrium	89-2	784914	779417	788421	784251	0.58	cps

LB Number :	LB98243	Operator :	Jaswal
Lab Sample ID :	J5041-03	Instrumnet Name :	P7
Client Sample ID :	S13-0251	Dilution Factor :	1
Date & Time Acquired ::	2018-09-28 17:39:40	DataFile Name :	033SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zinc	66-2	10587	10584	10254	10475	1.83	cps
Zirconium	90-1	850	1050	750	883	17.29	cps
Zirconium	91-1	433	292	292	339	24.14	cps

LB Number :	LB98243	Operator :	Jaswal
Lab Sample ID :	J5041-04	Instrumnet Name :	P7
Client Sample ID :	S13-0247	Dilution Factor :	1
Date & Time Acquired ::	2018-09-28 17:43:14	DataFile Name :	034SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	225	258	275	253	10.07	cps
Antimony	121-1	13449	14074	13690	13738	2.30	cps
Arsenic	75-2	13321	13393	13323	13346	0.31	cps
Barium	135-1	60063	60800	61512	60792	1.19	cps
Barium	137-1	104970	105086	108353	106137	1.81	cps
Beryllium	9-1	156	122	94	124	24.66	cps
Bismuth	209-1	4539046	4535851	4582740	4552546	0.58	cps
Bismuth	209-2	2472554	2444780	2452144	2456493	0.59	cps
Boron	10-1	34607	34532	36110	35083	2.54	cps
Boron	11-1	159847	161042	164939	161943	1.64	cps
Cadmium	111-1	889	1058	1021	989	8.98	cps
Cadmium	106-1	1208	1483	1392	1361	10.29	cps
Cadmium	108-1	4	8	4	6	43.22	cps
Calcium	43-1	1221989	1223864	1221017	1222290	0.12	cps
Calcium	44-1	19417247	19446859	19416218	19426774	0.09	cps
Chromium	52-2	2174	2297	2274	2248	2.92	cps
Cobalt	59-2	50584	50560	51136	50760	0.64	cps
Copper	63-2	7796	8166	7906	7956	2.39	cps
Dysprosium	156-1	50	33	42	42	20.00	cps
Dysprosium	156-2	30	23	20	24	20.83	cps
Erbium	164-1	150	100	142	131	20.52	cps
Erbium	164-2	63	83	80	76	14.18	cps
Gadolinium	160-1	50	75	92	72	29.04	cps
Gadolinium	160-2	123	103	127	118	10.71	cps
Holmium	165-1	7100845	7150437	7135207	7128829	0.36	cps
Holmium	165-2	3563191	3560510	3560083	3561261	0.05	cps
Indium	115-1	5290143	5320886	5301837	5304289	0.29	cps
Indium	115-2	1016201	1014458	1024200	1018286	0.51	cps
Iron	56-2	19996281	20006937	19948355	19983858	0.16	cps
Iron	57-2	484280	485613	482031	483975	0.37	cps
Krypton	83-1	217	217	167	200	14.43	cps
Lead	206-1	811	778	883	824	6.55	cps
Lead	207-1	617	783	683	694	12.08	cps
Lead	208-1	3406	3411	3356	3391	0.90	cps
Lithium	6-1	2486996	2488645	2479682	2485108	0.19	cps
Magnesium	24-2	3942569	3930398	3936351	3936439	0.15	cps

LB Number :	LB98243	Operator :	Jaswal
Lab Sample ID :	J5041-04	Instrumnet Name :	P7
Client Sample ID :	S13-0247	Dilution Factor :	1
Date & Time Acquired ::	2018-09-28 17:43:14	DataFile Name :	034SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	2345363	2356426	2343014	2348268	0.30	cps
Molybdenum	94-1	2884	3000	2934	2939	1.99	cps
Molybdenum	95-1	4676	4526	4418	4540	2.86	cps
Molybdenum	96-1	4784	5193	5118	5032	4.32	cps
Molybdenum	97-1	3025	2659	2934	2873	6.64	cps
Molybdenum	98-1	7127	6719	6985	6944	2.99	cps
Neodymium	150-1	13	7	80	33	121.65	cps
Neodymium	150-2	23	13	17	18	28.64	cps
Nickel	60-2	21543	22187	22394	22041	2.01	cps
Phosphorus	31-2	83	58	117	86	33.98	cps
Potassium	39-2	237616	237239	236148	237001	0.32	cps
Rhodium	103-1	4630743	4625547	4621682	4625991	0.10	cps
Rhodium	103-2	2091015	2098056	2101930	2097000	0.26	cps
Scandium	45-1	3411980	3403817	3371620	3395805	0.63	cps
Scandium	45-2	142396	142278	143011	142562	0.28	cps
Selenium	77-2	17	17	7	13	43.29	cps
Selenium	78-2	15	11	30	19	52.93	cps
Selenium	82-1	-22	-8	25	-2	-1442.44	cps
Silicon	28-1	56298416	56524693	55979099	56267403	0.49	cps
Silver	109-1	892	750	858	833	8.89	cps
Silver	107-1	775	883	833	831	6.53	cps
Sodium	23-2	4078606	4055241	4023339	4052395	0.68	cps
Strontium	86-1	1146399	1144393	1152494	1147762	0.37	cps
Strontium	88-1	9925517	10050187	10131562	10035755	1.03	cps
Sulfur	34-1	116738	114176	113211	114709	1.59	cps
Terbium	159-1	7400279	7407831	7418945	7409019	0.13	cps
Terbium	159-2	3559042	3568891	3556931	3561621	0.18	cps
Thallium	203-1	267	217	325	269	20.12	cps
Thallium	205-1	492	583	567	547	8.92	cps
Thorium	232-1	472	467	622	520	16.96	cps
Tin	118-1	10187	10646	11564	10799	6.49	cps
Titanium	47-1	1192	883	1092	1056	14.90	cps
Uranium	238-1	1025	983	917	975	5.60	cps
Vanadium	51-2	553	560	513	542	4.65	cps
Yttrium	89-1	5533479	5562958	5518990	5538475	0.40	cps
Yttrium	89-2	783466	779721	783096	782094	0.26	cps

LB Number :	LB98243	Operator :	Jaswal
Lab Sample ID :	J5041-04	Instrumnet Name :	P7
Client Sample ID :	S13-0247	Dilution Factor :	1
Date & Time Acquired ::	2018-09-28 17:43:14	DataFile Name :	034SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zinc	66-2	4854	4884	5271	5003	4.65	cps
Zirconium	90-1	1175	975	1067	1072	9.34	cps
Zirconium	91-1	225	233	258	239	7.26	cps

LB Number :	LB98243	Operator :	Jaswal
Lab Sample ID :	J5041-05	Instrumnet Name :	P7
Client Sample ID :	S13-0245	Dilution Factor :	1
Date & Time Acquired ::	2018-09-28 17:46:50	DataFile Name :	035SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	267	350	283	300	14.70	cps
Antimony	121-1	13766	14124	14516	14135	2.66	cps
Arsenic	75-2	30905	31486	31272	31221	0.94	cps
Barium	135-1	30409	31788	30467	30888	2.52	cps
Barium	137-1	54197	54759	54709	54555	0.57	cps
Beryllium	9-1	161	61	67	96	58.36	cps
Bismuth	209-1	4407269	4396167	4394769	4399401	0.16	cps
Bismuth	209-2	2312915	2381719	2385430	2360021	1.73	cps
Boron	10-1	15283	15884	15225	15464	2.36	cps
Boron	11-1	70422	70113	71185	70573	0.78	cps
Cadmium	111-1	1123	965	1048	1045	7.54	cps
Cadmium	106-1	1559	1367	1475	1467	6.55	cps
Cadmium	108-1	8	0	25	11	114.58	cps
Calcium	43-1	1043942	1053848	1060648	1052813	0.80	cps
Calcium	44-1	16693080	16756682	16778498	16742753	0.27	cps
Chromium	52-2	2040	2054	2164	2086	3.25	cps
Cobalt	59-2	17998	17704	18145	17949	1.25	cps
Copper	63-2	7939	8219	8302	8154	2.34	cps
Dysprosium	156-1	108	117	142	122	14.19	cps
Dysprosium	156-2	63	60	100	74	29.81	cps
Erbium	164-1	292	250	233	258	11.63	cps
Erbium	164-2	117	167	163	149	18.78	cps
Gadolinium	160-1	225	233	175	211	14.94	cps
Gadolinium	160-2	140	187	177	168	14.65	cps
Holmium	165-1	6970712	7041908	6975677	6996099	0.57	cps
Holmium	165-2	3398184	3521598	3527310	3482364	2.10	cps
Indium	115-1	5179859	5180394	5148097	5169450	0.36	cps
Indium	115-2	950067	991686	997771	979841	2.65	cps
Iron	56-2	20002816	19922571	19798103	19907830	0.52	cps
Iron	57-2	475376	480099	477314	477597	0.50	cps
Krypton	83-1	167	240	260	222	22.11	cps
Lead	206-1	1272	1233	1156	1220	4.87	cps
Lead	207-1	978	895	1067	980	8.79	cps
Lead	208-1	4595	4423	4723	4580	3.29	cps
Lithium	6-1	2395561	2397032	2407286	2399960	0.27	cps
Magnesium	24-2	1499659	1504291	1506332	1503427	0.23	cps

LB Number :	LB98243	Operator :	Jaswal
Lab Sample ID :	J5041-05	Instrumnet Name :	P7
Client Sample ID :	S13-0245	Dilution Factor :	1
Date & Time Acquired ::	2018-09-28 17:46:50	DataFile Name :	035SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	5711333	5658171	5676998	5682167	0.47	cps
Molybdenum	94-1	5451	5059	5443	5318	4.21	cps
Molybdenum	95-1	9145	9120	9028	9098	0.68	cps
Molybdenum	96-1	9695	10146	9587	9809	3.02	cps
Molybdenum	97-1	5635	5851	5551	5679	2.73	cps
Molybdenum	98-1	13732	15008	14591	14444	4.51	cps
Neodymium	150-1	127	173	127	142	18.95	cps
Neodymium	150-2	57	57	53	56	3.47	cps
Nickel	60-2	7585	7642	7535	7588	0.70	cps
Phosphorus	31-2	217	267	317	267	18.75	cps
Potassium	39-2	367846	371260	368245	369117	0.51	cps
Rhodium	103-1	4466011	4447883	4434770	4449555	0.35	cps
Rhodium	103-2	1955069	2024903	2060464	2013479	2.66	cps
Scandium	45-1	3344064	3324020	3311172	3326419	0.50	cps
Scandium	45-2	135425	139112	141878	138805	2.33	cps
Selenium	77-2	3	3	10	6	69.34	cps
Selenium	78-2	26	30	22	26	14.29	cps
Selenium	82-1	38	-66	-59	-29	-202.02	cps
Silicon	28-1	59176028	59583308	59179341	59312892	0.39	cps
Silver	109-1	658	733	742	711	6.45	cps
Silver	107-1	858	842	508	736	26.82	cps
Sodium	23-2	31796730	31610030	31663742	31690167	0.30	cps
Strontium	86-1	765014	784725	784085	777941	1.44	cps
Strontium	88-1	6706233	6809369	6794166	6769923	0.82	cps
Sulfur	34-1	112347	112052	111078	111826	0.59	cps
Terbium	159-1	7272903	7277768	7271419	7274030	0.05	cps
Terbium	159-2	3390535	3525999	3533952	3483495	2.31	cps
Thallium	203-1	117	133	125	125	6.67	cps
Thallium	205-1	358	233	267	286	22.62	cps
Thorium	232-1	378	433	356	389	10.30	cps
Tin	118-1	9429	9654	10438	9840	5.38	cps
Titanium	47-1	1067	1208	1342	1206	11.41	cps
Uranium	238-1	633	617	800	683	14.84	cps
Vanadium	51-2	333	343	410	362	11.51	cps
Yttrium	89-1	5422095	5415872	5383289	5407085	0.39	cps
Yttrium	89-2	740903	769456	778889	763083	2.59	cps

LB Number :	LB98243	Operator :	Jaswal
Lab Sample ID :	J5041-05	Instrumnet Name :	P7
Client Sample ID :	S13-0245	Dilution Factor :	1
Date & Time Acquired ::	2018-09-28 17:46:50	DataFile Name :	035SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zinc	66-2	3470	3344	3711	3508	5.31	cps
Zirconium	90-1	817	783	933	845	9.33	cps
Zirconium	91-1	242	283	208	244	15.37	cps

LB Number :	LB98243	Operator :	Jaswal
Lab Sample ID :	J5041-06	Instrumnet Name :	P7
Client Sample ID :	S13-0246	Dilution Factor :	1
Date & Time Acquired ::	2018-09-28 17:50:27	DataFile Name :	036SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	225	200	225	217	6.66	cps
Antimony	121-1	13907	14258	14158	14108	1.28	cps
Arsenic	75-2	32264	32228	32098	32197	0.27	cps
Barium	135-1	32263	33241	32740	32748	1.49	cps
Barium	137-1	58039	57227	57369	57545	0.75	cps
Beryllium	9-1	128	144	100	124	18.10	cps
Bismuth	209-1	4369794	4360102	4382608	4370835	0.26	cps
Bismuth	209-2	2363444	2374274	2343986	2360568	0.65	cps
Boron	10-1	14232	14374	14432	14346	0.72	cps
Boron	11-1	65609	65150	66296	65685	0.88	cps
Cadmium	111-1	984	955	1205	1048	13.05	cps
Cadmium	106-1	1367	1325	1700	1464	14.05	cps
Cadmium	108-1	8	8	8	8	0.00	cps
Calcium	43-1	1071994	1079785	1069412	1073730	0.50	cps
Calcium	44-1	17069811	17112382	17098797	17093663	0.13	cps
Chromium	52-2	1870	2040	2097	2002	5.89	cps
Cobalt	59-2	19483	19056	19139	19226	1.18	cps
Copper	63-2	8869	8733	9033	8878	1.69	cps
Dysprosium	156-1	200	150	250	200	25.00	cps
Dysprosium	156-2	97	67	87	83	18.33	cps
Erbium	164-1	283	292	333	303	8.85	cps
Erbium	164-2	113	140	113	122	12.59	cps
Gadolinium	160-1	267	150	242	219	27.99	cps
Gadolinium	160-2	217	193	213	208	6.07	cps
Holmium	165-1	6982284	6951053	7064392	6999243	0.84	cps
Holmium	165-2	3487094	3496207	3461461	3481587	0.52	cps
Indium	115-1	5146464	5122218	5146827	5138503	0.27	cps
Indium	115-2	977309	998778	982453	986180	1.14	cps
Iron	56-2	20929303	20892374	20926661	20916113	0.10	cps
Iron	57-2	502181	504293	507186	504554	0.50	cps
Krypton	83-1	190	220	167	192	13.91	cps
Lead	206-1	900	1095	906	967	11.45	cps
Lead	207-1	806	906	861	857	5.84	cps
Lead	208-1	3634	4156	3739	3843	7.19	cps
Lithium	6-1	2354074	2364465	2372694	2363744	0.39	cps
Magnesium	24-2	1524797	1531814	1527649	1528087	0.23	cps

LB Number :	LB98243	Operator :	Jaswal
Lab Sample ID :	J5041-06	Instrumnet Name :	P7
Client Sample ID :	S13-0246	Dilution Factor :	1
Date & Time Acquired ::	2018-09-28 17:50:27	DataFile Name :	036SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	5809967	5815090	5832778	5819278	0.21	cps
Molybdenum	94-1	5451	5151	5376	5326	2.93	cps
Molybdenum	95-1	9620	9454	9837	9637	2.00	cps
Molybdenum	96-1	10179	10755	10438	10457	2.76	cps
Molybdenum	97-1	5851	5551	5851	5751	3.01	cps
Molybdenum	98-1	14049	14525	15100	14558	3.62	cps
Neodymium	150-1	153	100	160	138	23.87	cps
Neodymium	150-2	60	47	70	59	19.88	cps
Nickel	60-2	8199	8202	8272	8225	0.50	cps
Phosphorus	31-2	325	250	308	294	13.38	cps
Potassium	39-2	371233	375998	373489	373573	0.64	cps
Rhodium	103-1	4440383	4449093	4475383	4454953	0.41	cps
Rhodium	103-2	2020865	2037205	2012965	2023679	0.61	cps
Scandium	45-1	3285117	3298270	3321295	3301561	0.55	cps
Scandium	45-2	138160	139684	137239	138361	0.89	cps
Selenium	77-2	10	17	10	12	31.50	cps
Selenium	78-2	20	37	20	26	37.12	cps
Selenium	82-1	30	-22	57	21	188.69	cps
Silicon	28-1	59754278	59592068	59330651	59558999	0.36	cps
Silver	109-1	708	733	625	689	8.23	cps
Silver	107-1	683	667	783	711	8.87	cps
Sodium	23-2	33201572	33329402	33190964	33240646	0.23	cps
Strontium	86-1	808454	809725	805368	807849	0.28	cps
Strontium	88-1	6971283	7008193	7003730	6994402	0.29	cps
Sulfur	34-1	112329	108955	108761	110015	1.82	cps
Terbium	159-1	7231157	7235663	7327748	7264856	0.75	cps
Terbium	159-2	3485195	3526267	3463175	3491546	0.92	cps
Thallium	203-1	92	167	100	119	34.42	cps
Thallium	205-1	292	358	233	294	21.24	cps
Thorium	232-1	383	383	411	393	4.09	cps
Tin	118-1	8678	8620	9162	8820	3.37	cps
Titanium	47-1	933	1325	1183	1147	17.29	cps
Uranium	238-1	767	850	700	772	9.73	cps
Vanadium	51-2	333	377	363	358	6.20	cps
Yttrium	89-1	5377317	5381819	5420595	5393244	0.44	cps
Yttrium	89-2	754869	763671	751584	756708	0.83	cps

LB Number :	LB98243	Operator :	Jaswal
Lab Sample ID :	J5041-06	Instrumnet Name :	P7
Client Sample ID :	S13-0246	Dilution Factor :	1
Date & Time Acquired ::	2018-09-28 17:50:27	DataFile Name :	036SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zinc	66-2	2907	2874	2747	2843	2.97	cps
Zirconium	90-1	842	842	683	789	11.59	cps
Zirconium	91-1	300	317	250	289	12.01	cps

LB Number :	LB98243	Operator :	Jaswal
Lab Sample ID :	J5041-07	Instrumnet Name :	P7
Client Sample ID :	S13-0250	Dilution Factor :	1
Date & Time Acquired ::	2018-09-28 17:54:04	DataFile Name :	037SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	342	442	367	383	13.58	cps
Antimony	121-1	12531	13265	13006	12934	2.88	cps
Arsenic	75-2	21959	21310	21820	21697	1.57	cps
Barium	135-1	92700	92289	91609	92199	0.60	cps
Barium	137-1	162151	165101	161891	163048	1.09	cps
Beryllium	9-1	128	139	117	128	8.69	cps
Bismuth	209-1	4246533	4193308	4282497	4240780	1.06	cps
Bismuth	209-2	2292327	2307094	2265069	2288163	0.93	cps
Boron	10-1	6035	6076	5826	5979	2.24	cps
Boron	11-1	28169	28669	28427	28422	0.88	cps
Cadmium	111-1	1051	1007	901	986	7.84	cps
Cadmium	106-1	1467	1433	1275	1392	7.36	cps
Cadmium	108-1	13	13	0	8	86.60	cps
Calcium	43-1	3666959	3684340	3678378	3676559	0.24	cps
Calcium	44-1	58505843	58358941	58403420	58422735	0.13	cps
Chromium	52-2	1873	1880	1930	1895	1.64	cps
Cobalt	59-2	46022	46360	46189	46190	0.37	cps
Copper	63-2	7762	7822	7389	7658	3.07	cps
Dysprosium	156-1	4368	4159	4051	4193	3.84	cps
Dysprosium	156-2	2034	2154	2067	2085	2.97	cps
Erbium	164-1	4701	4593	4709	4668	1.39	cps
Erbium	164-2	2070	2344	2354	2256	7.13	cps
Gadolinium	160-1	3867	3792	4218	3959	5.73	cps
Gadolinium	160-2	2197	2240	2157	2198	1.90	cps
Holmium	165-1	7014172	6915128	7129081	7019460	1.53	cps
Holmium	165-2	3538622	3553981	3479342	3523982	1.12	cps
Indium	115-1	5057832	4984536	5148591	5063653	1.62	cps
Indium	115-2	963434	975566	973131	970710	0.66	cps
Iron	56-2	25309406	25176588	25125321	25203772	0.38	cps
Iron	57-2	611459	612950	614154	612854	0.22	cps
Krypton	83-1	287	247	263	266	7.57	cps
Lead	206-1	472	494	500	489	3.01	cps
Lead	207-1	578	467	483	509	11.77	cps
Lead	208-1	2228	2133	2311	2224	4.00	cps
Lithium	6-1	2343870	2329145	2369062	2347359	0.86	cps
Magnesium	24-2	6421113	6465341	6426391	6437615	0.38	cps

LB Number :	LB98243	Operator :	Jaswal
Lab Sample ID :	J5041-07	Instrumnet Name :	P7
Client Sample ID :	S13-0250	Dilution Factor :	1
Date & Time Acquired ::	2018-09-28 17:54:04	DataFile Name :	037SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	21854602	21915578	21890888	21887023	0.14	cps
Molybdenum	94-1	1142	1192	1133	1156	2.73	cps
Molybdenum	95-1	2650	2717	2342	2570	7.79	cps
Molybdenum	96-1	1775	1909	1909	1864	4.13	cps
Molybdenum	97-1	733	692	783	736	6.23	cps
Molybdenum	98-1	1759	1817	1909	1828	4.14	cps
Neodymium	150-1	4774	4881	4848	4834	1.13	cps
Neodymium	150-2	1904	1820	2054	1926	6.14	cps
Nickel	60-2	15188	15412	15101	15234	1.05	cps
Phosphorus	31-2	108	75	117	100	22.05	cps
Potassium	39-2	532461	535782	538036	535427	0.52	cps
Rhodium	103-1	4335290	4289506	4426949	4350582	1.61	cps
Rhodium	103-2	1981705	2005504	1988525	1991912	0.62	cps
Scandium	45-1	3253085	3251167	3332937	3279063	1.42	cps
Scandium	45-2	139980	142244	139832	140685	0.96	cps
Selenium	77-2	27	20	17	21	24.12	cps
Selenium	78-2	30	41	41	37	17.32	cps
Selenium	82-1	-34	-28	-23	-28	-19.55	cps
Silicon	28-1	41425895	41164893	41349722	41313503	0.32	cps
Silver	109-1	608	583	642	611	4.79	cps
Silver	107-1	617	775	675	689	11.62	cps
Sodium	23-2	44328136	44370707	44324204	44341016	0.06	cps
Strontium	86-1	2192476	2187632	2212648	2197585	0.60	cps
Strontium	88-1	19044384	19023816	19093060	19053753	0.19	cps
Sulfur	34-1	154635	152977	155687	154433	0.88	cps
Terbium	159-1	7234451	7212329	7399441	7282073	1.40	cps
Terbium	159-2	3506330	3533473	3481488	3507097	0.74	cps
Thallium	203-1	100	142	67	103	36.56	cps
Thallium	205-1	258	183	175	206	22.33	cps
Thorium	232-1	417	356	400	391	8.09	cps
Tin	118-1	7794	8453	8611	8286	5.23	cps
Titanium	47-1	850	825	833	836	1.52	cps
Uranium	238-1	11339	11881	12089	11770	3.29	cps
Vanadium	51-2	427	323	357	369	14.30	cps
Yttrium	89-1	5506866	5434842	5557520	5499743	1.12	cps
Yttrium	89-2	766300	781964	770846	773037	1.04	cps

LB Number :	LB98243	Operator :	Jaswal
Lab Sample ID :	J5041-07	Instrumnet Name :	P7
Client Sample ID :	S13-0250	Dilution Factor :	1
Date & Time Acquired ::	2018-09-28 17:54:04	DataFile Name :	037SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zinc	66-2	4604	4704	4341	4550	4.13	cps
Zirconium	90-1	1333	1200	1408	1314	8.03	cps
Zirconium	91-1	425	242	350	339	27.20	cps

LB Number :	LB98243	Operator :	Jaswal
Lab Sample ID :	J5041-08	Instrumnet Name :	P7
Client Sample ID :	S13-0249	Dilution Factor :	1
Date & Time Acquired ::	2018-09-28 17:57:42	DataFile Name :	038SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	1058	908	1000	989	7.65	cps
Antimony	121-1	14408	14667	15751	14942	4.77	cps
Arsenic	75-2	2082	2093	1987	2054	2.82	cps
Barium	135-1	94613	96585	95409	95535	1.04	cps
Barium	137-1	161252	165347	167220	164606	1.85	cps
Beryllium	9-1	106	117	117	113	5.68	cps
Bismuth	209-1	4235146	4301900	4234274	4257107	0.91	cps
Bismuth	209-2	2341312	2344407	2342641	2342787	0.07	cps
Boron	10-1	5218	5259	5418	5298	1.99	cps
Boron	11-1	24520	24629	25155	24768	1.37	cps
Cadmium	111-1	950	1051	1077	1026	6.55	cps
Cadmium	106-1	1250	1283	1400	1311	6.01	cps
Cadmium	108-1	13	8	17	13	33.36	cps
Calcium	43-1	2848155	2845510	2908826	2867497	1.25	cps
Calcium	44-1	45199085	45234243	45792332	45408553	0.73	cps
Chromium	52-2	2537	2227	2420	2395	6.54	cps
Cobalt	59-2	6208	6325	6475	6336	2.11	cps
Copper	63-2	9000	9373	9426	9266	2.51	cps
Dysprosium	156-1	50	42	33	42	20.00	cps
Dysprosium	156-2	23	33	17	24	34.31	cps
Erbium	164-1	158	100	100	119	28.20	cps
Erbium	164-2	57	50	33	47	25.76	cps
Gadolinium	160-1	83	50	50	61	31.50	cps
Gadolinium	160-2	130	93	123	116	16.90	cps
Holmium	165-1	6854504	7006844	6935603	6932317	1.10	cps
Holmium	165-2	3528078	3528800	3561061	3539313	0.53	cps
Indium	115-1	4977304	5088515	5037788	5034536	1.11	cps
Indium	115-2	972640	984088	994994	983907	1.14	cps
Iron	56-2	18654795	18637250	18690468	18660838	0.15	cps
Iron	57-2	457459	460573	464980	461004	0.82	cps
Krypton	83-1	193	207	217	206	5.69	cps
Lead	206-1	4868	5084	4718	4890	3.77	cps
Lead	207-1	3912	4412	4284	4203	6.18	cps
Lead	208-1	19023	19272	19673	19323	1.70	cps
Lithium	6-1	2310099	2358371	2349523	2339331	1.10	cps
Magnesium	24-2	9539513	9588498	9645456	9591156	0.55	cps

LB Number :	LB98243	Operator :	Jaswal
Lab Sample ID :	J5041-08	Instrumnet Name :	P7
Client Sample ID :	S13-0249	Dilution Factor :	1
Date & Time Acquired ::	2018-09-28 17:57:42	DataFile Name :	038SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	764484	771244	773003	769577	0.58	cps
Molybdenum	94-1	1175	1208	1283	1222	4.54	cps
Molybdenum	95-1	1133	1208	1017	1120	8.63	cps
Molybdenum	96-1	1542	1600	1392	1511	7.11	cps
Molybdenum	97-1	633	600	708	647	8.57	cps
Molybdenum	98-1	1775	1684	1800	1753	3.50	cps
Neodymium	150-1	33	53	47	44	22.92	cps
Neodymium	150-2	17	17	10	14	26.66	cps
Nickel	60-2	11435	11131	11635	11400	2.22	cps
Phosphorus	31-2	83	92	92	89	5.41	cps
Potassium	39-2	808647	813096	825714	815819	1.09	cps
Rhodium	103-1	4336542	4455258	4399718	4397173	1.35	cps
Rhodium	103-2	2014670	2022975	2064003	2033883	1.30	cps
Scandium	45-1	3268361	3330834	3307868	3302354	0.96	cps
Scandium	45-2	141734	142551	145388	143224	1.34	cps
Selenium	77-2	13	10	7	10	33.30	cps
Selenium	78-2	26	26	17	23	23.40	cps
Selenium	82-1	38	37	18	31	36.07	cps
Silicon	28-1	26470766	26634657	26696978	26600800	0.44	cps
Silver	109-1	567	583	583	578	1.67	cps
Silver	107-1	600	633	833	689	18.32	cps
Sodium	23-2	20451011	20492873	20696862	20546916	0.64	cps
Strontium	86-1	2035504	2041503	2059140	2045383	0.60	cps
Strontium	88-1	18220846	18199407	18459994	18293416	0.79	cps
Sulfur	34-1	419033	421029	421472	420511	0.31	cps
Terbium	159-1	7110345	7305380	7247289	7221004	1.39	cps
Terbium	159-2	3515371	3522370	3533887	3523876	0.27	cps
Thallium	203-1	850	783	775	803	5.12	cps
Thallium	205-1	1900	2092	1842	1945	6.73	cps
Thorium	232-1	478	567	622	556	13.11	cps
Tin	118-1	8395	7828	8661	8295	5.13	cps
Titanium	47-1	750	1008	1017	925	16.39	cps
Uranium	238-1	46953	48750	50198	48634	3.34	cps
Vanadium	51-2	810	923	933	889	7.71	cps
Yttrium	89-1	5329530	5393475	5387557	5370187	0.66	cps
Yttrium	89-2	771430	771241	783464	775378	0.90	cps

LB Number :	LB98243	Operator :	Jaswal
Lab Sample ID :	J5041-08	Instrumnet Name :	P7
Client Sample ID :	S13-0249	Dilution Factor :	1
Date & Time Acquired ::	2018-09-28 17:57:42	DataFile Name :	038SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zinc	66-2	3270	3157	3167	3198	1.96	cps
Zirconium	90-1	1517	1734	1750	1667	7.81	cps
Zirconium	91-1	425	417	458	433	5.09	cps

LB Number :	LB98243	Operator :	Jaswal
Lab Sample ID :	J4968-06DLX5	Instrumnet Name :	P7
Client Sample ID :	SA-PZ182I-20180916DL	Dilution Factor :	5
Date & Time Acquired ::	2018-09-28 18:01:17	DataFile Name :	039SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	133	175	158	156	13.48	cps
Antimony	121-1	4909	4776	4818	4834	1.41	cps
Arsenic	75-2	296	326	343	322	7.29	cps
Barium	135-1	6727	6543	6627	6632	1.38	cps
Barium	137-1	11680	11739	10721	11380	5.02	cps
Beryllium	9-1	89	111	128	109	17.86	cps
Bismuth	209-1	5009405	4961313	4891489	4954069	1.20	cps
Bismuth	209-2	2735343	2713518	2701633	2716831	0.63	cps
Boron	10-1	2875	2517	3034	2809	9.43	cps
Boron	11-1	12589	12514	12239	12447	1.48	cps
Cadmium	111-1	1199	1191	1091	1160	5.21	cps
Cadmium	106-1	1692	1659	1550	1633	4.53	cps
Cadmium	108-1	21	4	4	10	98.92	cps
Calcium	43-1	36036	35251	35594	35627	1.10	cps
Calcium	44-1	583181	578911	569700	577264	1.19	cps
Chromium	52-2	773	677	777	742	7.65	cps
Cobalt	59-2	2860	2564	2640	2688	5.73	cps
Copper	63-2	4517	4694	4421	4544	3.05	cps
Dysprosium	156-1	67	25	58	50	44.10	cps
Dysprosium	156-2	57	40	53	50	17.64	cps
Erbium	164-1	208	150	175	178	16.46	cps
Erbium	164-2	97	107	110	104	6.64	cps
Gadolinium	160-1	75	92	175	114	47.04	cps
Gadolinium	160-2	123	143	143	137	8.45	cps
Holmium	165-1	7730047	7660159	7597145	7662450	0.87	cps
Holmium	165-2	3859715	3848375	3826716	3844935	0.44	cps
Indium	115-1	5719770	5688359	5635846	5681325	0.75	cps
Indium	115-2	1090243	1087489	1091851	1089861	0.20	cps
Iron	56-2	839921	835077	832654	835884	0.44	cps
Iron	57-2	21789	20971	21789	21516	2.19	cps
Krypton	83-1	217	177	203	199	10.24	cps
Lead	206-1	450	561	517	509	10.98	cps
Lead	207-1	433	461	489	461	6.02	cps
Lead	208-1	1945	2189	2167	2100	6.44	cps
Lithium	6-1	2415122	2387875	2370734	2391244	0.94	cps
Magnesium	24-2	126118	124766	125312	125399	0.54	cps

LB Number :	LB98243	Operator :	Jaswal
Lab Sample ID :	J4968-06DLX5	Instrumnet Name :	P7
Client Sample ID :	SA-PZ182I-20180916DL	Dilution Factor :	5
Date & Time Acquired ::	2018-09-28 18:01:17	DataFile Name :	039SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	371236	373339	374083	372886	0.40	cps
Molybdenum	94-1	317	308	325	317	2.63	cps
Molybdenum	95-1	342	333	275	317	11.47	cps
Molybdenum	96-1	317	350	383	350	9.53	cps
Molybdenum	97-1	150	142	150	147	3.27	cps
Molybdenum	98-1	317	392	392	367	11.81	cps
Neodymium	150-1	33	27	73	44	56.79	cps
Neodymium	150-2	13	23	43	27	57.29	cps
Nickel	60-2	387	413	423	408	4.65	cps
Phosphorus	31-2	75	58	92	75	22.22	cps
Potassium	39-2	41283	41150	41283	41239	0.19	cps
Rhodium	103-1	5272817	5196623	5180210	5216550	0.95	cps
Rhodium	103-2	2452352	2445826	2430607	2442929	0.46	cps
Scandium	45-1	3848949	3792318	3746985	3796084	1.35	cps
Scandium	45-2	162274	159979	160468	160907	0.75	cps
Selenium	77-2	10	7	0	6	91.64	cps
Selenium	78-2	30	33	35	33	8.65	cps
Selenium	82-1	-45	28	-11	-9	-399.82	cps
Silicon	28-1	3795126	3764739	3741773	3767213	0.71	cps
Silver	109-1	350	350	258	319	16.57	cps
Silver	107-1	350	467	317	378	20.85	cps
Sodium	23-2	488037	490823	484453	487771	0.65	cps
Strontium	86-1	21700	21642	21341	21561	0.89	cps
Strontium	88-1	182649	184371	180226	182416	1.14	cps
Sulfur	34-1	170438	167355	163782	167192	1.99	cps
Terbium	159-1	8023141	7938633	7909437	7957070	0.74	cps
Terbium	159-2	3838194	3822618	3826110	3828974	0.21	cps
Thallium	203-1	150	108	192	150	27.78	cps
Thallium	205-1	308	258	283	283	8.82	cps
Thorium	232-1	161	250	161	191	26.90	cps
Tin	118-1	1383	1767	1567	1572	12.19	cps
Titanium	47-1	117	158	183	153	22.04	cps
Uranium	238-1	333	258	242	278	17.58	cps
Vanadium	51-2	240	210	233	228	6.91	cps
Yttrium	89-1	6177237	6052448	5994536	6074741	1.54	cps
Yttrium	89-2	863159	859691	859500	860783	0.24	cps

LB Number :	LB98243	Operator :	Jaswal
Lab Sample ID :	J4968-06DLX5	Instrumnet Name :	P7
Client Sample ID :	SA-PZ182I-20180916DL	Dilution Factor :	5
Date & Time Acquired ::	2018-09-28 18:01:17	DataFile Name :	039SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zinc	66-2	783	767	757	769	1.75	cps
Zirconium	90-1	542	517	508	522	3.32	cps
Zirconium	91-1	83	67	142	97	40.50	cps

LB Number : LB98243 Operator : Jaswal
 Lab Sample ID : J4968-06DUPDLX5 Instrumnet Name : P7
 Client Sample ID : SA-PZ182I-20180916DU Dilution Factor : 5
 Date & Time Acquired :: 2018-09-28 18:04:51 DataFile Name : 040SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	75	75	183	111	56.29	cps
Antimony	121-1	4176	3759	3901	3945	5.37	cps
Arsenic	75-2	311	276	296	294	6.00	cps
Barium	135-1	6210	6152	6852	6405	6.07	cps
Barium	137-1	11497	11047	11730	11425	3.04	cps
Beryllium	9-1	111	78	89	93	18.33	cps
Bismuth	209-1	4822020	4841768	4803308	4822365	0.40	cps
Bismuth	209-2	2684201	2709541	2706734	2700159	0.51	cps
Boron	10-1	2525	2459	2617	2534	3.14	cps
Boron	11-1	11188	11138	10779	11035	2.02	cps
Cadmium	111-1	1235	1121	1064	1140	7.66	cps
Cadmium	106-1	1767	1575	1500	1614	8.52	cps
Cadmium	108-1	8	4	4	6	43.22	cps
Calcium	43-1	35786	35944	34592	35441	2.09	cps
Calcium	44-1	582318	584448	577147	581304	0.65	cps
Chromium	52-2	700	683	593	659	8.71	cps
Cobalt	59-2	2664	2744	2644	2684	1.97	cps
Copper	63-2	4247	4254	4171	4224	1.10	cps
Dysprosium	156-1	117	33	83	78	53.93	cps
Dysprosium	156-2	37	60	37	44	30.31	cps
Erbium	164-1	308	217	258	261	17.58	cps
Erbium	164-2	137	107	117	120	12.73	cps
Gadolinium	160-1	133	83	117	111	22.91	cps
Gadolinium	160-2	120	147	130	132	10.19	cps
Holmium	165-1	7363948	7397595	7439088	7400210	0.51	cps
Holmium	165-2	3841739	3786765	3803348	3810618	0.74	cps
Indium	115-1	5563953	5555162	5550328	5556481	0.12	cps
Indium	115-2	1076874	1078773	1086202	1080616	0.46	cps
Iron	56-2	821708	824145	826528	824127	0.29	cps
Iron	57-2	20682	21032	20726	20813	0.92	cps
Krypton	83-1	183	163	163	170	6.79	cps
Lead	206-1	250	233	244	243	3.50	cps
Lead	207-1	189	267	183	213	21.88	cps
Lead	208-1	1022	1083	972	1026	5.42	cps
Lithium	6-1	2365636	2378338	2364912	2369629	0.32	cps
Magnesium	24-2	127387	128185	129942	128505	1.02	cps

LB Number :	LB98243	Operator :	Jaswal
Lab Sample ID :	J4968-06DUPDLX5	Instrumnet Name :	P7
Client Sample ID :	SA-PZ182I-20180916DU	Dilution Factor :	5
Date & Time Acquired ::	2018-09-28 18:04:51	DataFile Name :	040SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	377990	377031	380024	378348	0.40	cps
Molybdenum	94-1	350	383	233	322	24.44	cps
Molybdenum	95-1	258	267	258	261	1.84	cps
Molybdenum	96-1	308	308	283	300	4.81	cps
Molybdenum	97-1	192	133	167	164	17.86	cps
Molybdenum	98-1	392	283	508	394	28.53	cps
Neodymium	150-1	40	73	47	53	33.08	cps
Neodymium	150-2	30	13	7	17	72.11	cps
Nickel	60-2	330	387	407	374	10.62	cps
Phosphorus	31-2	125	83	142	117	25.75	cps
Potassium	39-2	43230	41793	42512	42512	1.69	cps
Rhodium	103-1	5109258	5101726	5115487	5108824	0.13	cps
Rhodium	103-2	2430868	2420113	2441858	2430946	0.45	cps
Scandium	45-1	3725638	3729476	3734991	3730035	0.13	cps
Scandium	45-2	160629	162301	161206	161379	0.53	cps
Selenium	77-2	0	7	7	4	86.60	cps
Selenium	78-2	26	37	24	29	24.17	cps
Selenium	82-1	-13	14	22	8	235.96	cps
Silicon	28-1	3808266	3820051	3819258	3815859	0.17	cps
Silver	109-1	300	300	367	322	11.94	cps
Silver	107-1	358	342	417	372	10.58	cps
Sodium	23-2	492326	498573	490176	493691	0.88	cps
Strontium	86-1	21149	20716	20782	20883	1.12	cps
Strontium	88-1	179905	178648	179003	179185	0.36	cps
Sulfur	34-1	163783	163335	163926	163681	0.19	cps
Terbium	159-1	7718802	7736602	7744926	7733443	0.17	cps
Terbium	159-2	3824300	3827072	3803748	3818373	0.33	cps
Thallium	203-1	83	125	108	106	19.87	cps
Thallium	205-1	275	250	167	231	24.61	cps
Thorium	232-1	111	128	167	135	21.09	cps
Tin	118-1	1283	1317	1242	1281	2.93	cps
Titanium	47-1	150	150	125	142	10.19	cps
Uranium	238-1	275	117	158	183	44.77	cps
Vanadium	51-2	193	230	213	212	8.65	cps
Yttrium	89-1	5939740	5919221	5951936	5936965	0.28	cps
Yttrium	89-2	855830	850117	857934	854627	0.47	cps

LB Number :	LB98243	Operator :	Jaswal
Lab Sample ID :	J4968-06DUPDLX5	Instrumnet Name :	P7
Client Sample ID :	SA-PZ182I-20180916DU	Dilution Factor :	5
Date & Time Acquired ::	2018-09-28 18:04:51	DataFile Name :	040SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zinc	66-2	650	530	600	593	10.16	cps
Zirconium	90-1	542	492	608	547	10.70	cps
Zirconium	91-1	92	183	67	114	53.93	cps

LB Number :	LB98243	Operator :	Jaswal
Lab Sample ID :	CCV15	Instrumnet Name :	P7
Client Sample ID :	CCV15	Dilution Factor :	1
Date & Time Acquired ::	2018-09-28 18:08:24	DataFile Name :	041CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	3686938	3732684	3772732	3730785	1.15	cps
Antimony	121-1	2612998	2628553	2637602	2626384	0.47	cps
Arsenic	75-2	92214	93433	94456	93367	1.20	cps
Barium	135-1	3845798	3852079	3856415	3851430	0.14	cps
Barium	137-1	6652079	6631282	6614061	6632474	0.29	cps
Beryllium	9-1	879624	891141	889693	886819	0.71	cps
Bismuth	209-1	4009899	4058948	3945720	4004856	1.42	cps
Bismuth	209-2	2273844	2278118	2261535	2271166	0.38	cps
Boron	10-1	141145	145965	150027	145713	3.05	cps
Boron	11-1	639281	660209	670320	656603	2.41	cps
Cadmium	111-1	702718	701943	706453	703705	0.34	cps
Cadmium	106-1	76750	79347	78341	78146	1.68	cps
Cadmium	108-1	52627	53910	53706	53414	1.29	cps
Calcium	43-1	5248986	5188789	5189303	5209026	0.66	cps
Calcium	44-1	82597221	82143775	82319869	82353621	0.28	cps
Chromium	52-2	1006641	1013036	1023611	1014429	0.84	cps
Cobalt	59-2	1409189	1424292	1437130	1423537	0.98	cps
Copper	63-2	1782825	1808510	1827293	1806209	1.24	cps
Dysprosium	156-1	42	142	67	83	62.46	cps
Dysprosium	156-2	57	57	63	59	6.53	cps
Erbium	164-1	17	25	25	22	21.64	cps
Erbium	164-2	17	17	3	12	63.01	cps
Gadolinium	160-1	33	92	67	64	45.81	cps
Gadolinium	160-2	87	90	93	90	3.71	cps
Holmium	165-1	6967753	6998800	6880369	6948974	0.88	cps
Holmium	165-2	3644823	3639231	3633377	3639143	0.16	cps
Indium	115-1	4791719	4864826	4778774	4811773	0.96	cps
Indium	115-2	993672	1003679	1018362	1005238	1.24	cps
Iron	56-2	200706949	202542171	203128260	202125793	0.62	cps
Iron	57-2	4863001	4880845	4918529	4887458	0.58	cps
Krypton	83-1	250	223	200	224	11.15	cps
Lead	206-1	2496393	2507905	2500947	2501748	0.23	cps
Lead	207-1	2288102	2300512	2286081	2291565	0.34	cps
Lead	208-1	10201210	10204132	10153871	10186404	0.28	cps
Lithium	6-1	2247552	2261658	2231228	2246813	0.68	cps
Magnesium	24-2	39969218	40232690	40513165	40238358	0.68	cps

LB Number :	LB98243	Operator :	Jaswal
Lab Sample ID :	CCV15	Instrumnet Name :	P7
Client Sample ID :	CCV15	Dilution Factor :	1
Date & Time Acquired ::	2018-09-28 18:08:24	DataFile Name :	041CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	1164818	1180070	1196548	1180479	1.34	cps
Molybdenum	94-1	6627873	6597187	6545029	6590030	0.64	cps
Molybdenum	95-1	8015880	8027892	7911806	7985193	0.80	cps
Molybdenum	96-1	8865210	8859238	8818008	8847485	0.29	cps
Molybdenum	97-1	5064869	5043006	5020978	5042951	0.44	cps
Molybdenum	98-1	12792706	12626823	12590347	12669959	0.85	cps
Neodymium	150-1	227	253	267	249	8.18	cps
Neodymium	150-2	27	43	33	34	24.35	cps
Nickel	60-2	364778	367669	370650	367699	0.80	cps
Phosphorus	31-2	37080	37607	37290	37326	0.71	cps
Potassium	39-2	18171160	18467204	18579550	18405971	1.15	cps
Rhodium	103-1	4296106	4294966	4205701	4265591	1.22	cps
Rhodium	103-2	2026417	2061908	2070277	2052867	1.13	cps
Scandium	45-1	3600513	3603965	3547800	3584093	0.88	cps
Scandium	45-2	162789	166745	167168	165567	1.46	cps
Selenium	77-2	2520	2570	2674	2588	3.02	cps
Selenium	78-2	8325	8034	8482	8280	2.75	cps
Selenium	82-1	52775	52556	53050	52794	0.47	cps
Silicon	28-1	2634324	2665916	2721245	2673828	1.65	cps
Silver	109-1	3442759	3420180	3422597	3428512	0.36	cps
Silver	107-1	3572830	3601447	3576194	3583490	0.44	cps
Sodium	23-2	79048346	79520302	79995739	79521462	0.60	cps
Strontium	86-1	1016011	1022615	1021032	1019886	0.34	cps
Strontium	88-1	8916408	8915122	8902796	8911442	0.08	cps
Sulfur	34-1	487368	484478	483626	485158	0.40	cps
Terbium	159-1	7221026	7294121	7136046	7217064	1.10	cps
Terbium	159-2	3621691	3635306	3638962	3631986	0.25	cps
Thallium	203-1	3086881	3108501	3092894	3096092	0.36	cps
Thallium	205-1	7249359	7293563	7284330	7275751	0.32	cps
Thorium	232-1	12048802	12130055	11976123	12051660	0.64	cps
Tin	118-1	2528326	2522118	2523087	2524510	0.13	cps
Titanium	47-1	2404518	2375127	2386857	2388834	0.62	cps
Uranium	238-1	11432185	11476368	11363250	11423934	0.50	cps
Vanadium	51-2	813575	824766	828373	822238	0.94	cps
Yttrium	89-1	5511758	5523192	5431842	5488931	0.91	cps
Yttrium	89-2	830729	842152	852133	841671	1.27	cps

LB Number :	LB98243	Operator :	Jaswal
Lab Sample ID :	CCV15	Instrumnet Name :	P7
Client Sample ID :	CCV15	Dilution Factor :	1
Date & Time Acquired ::	2018-09-28 18:08:24	DataFile Name :	041CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zinc	66-2	266112	269043	272527	269228	1.19	cps
Zirconium	90-1	5622524	5568755	5571909	5587729	0.54	cps
Zirconium	91-1	1217035	1209352	1209822	1212070	0.36	cps

LB Number :	LB98243	Operator :	Jaswal
Lab Sample ID :	CCB15	Instrumnet Name :	P7
Client Sample ID :	CCB15	Dilution Factor :	1
Date & Time Acquired ::	2018-09-28 18:14:33	DataFile Name :	042CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	200	200	117	172	27.94	cps
Antimony	121-1	675	725	917	772	16.52	cps
Arsenic	75-2	4	11	2	6	88.24	cps
Barium	135-1	100	117	142	119	17.56	cps
Barium	137-1	242	183	242	222	15.16	cps
Beryllium	9-1	133	122	122	126	5.09	cps
Bismuth	209-1	5012359	4914503	4899391	4942084	1.24	cps
Bismuth	209-2	2532493	2717447	2718225	2656055	4.03	cps
Boron	10-1	4392	4159	4234	4262	2.80	cps
Boron	11-1	19154	18846	18028	18676	3.12	cps
Cadmium	111-1	1417	1128	1076	1207	15.23	cps
Cadmium	106-1	1934	1542	1500	1659	14.42	cps
Cadmium	108-1	4	8	4	6	43.22	cps
Calcium	43-1	392	383	400	392	2.13	cps
Calcium	44-1	7386	7777	7652	7605	2.63	cps
Chromium	52-2	400	403	353	386	7.25	cps
Cobalt	59-2	67	53	90	70	26.51	cps
Copper	63-2	3457	3627	3537	3540	2.40	cps
Dysprosium	156-1	0	0	0	0	0.00	cps
Dysprosium	156-2	3	0	0	1	173.21	cps
Erbium	164-1	33	33	8	25	57.74	cps
Erbium	164-2	7	10	10	9	21.63	cps
Gadolinium	160-1	8	33	42	28	62.46	cps
Gadolinium	160-2	70	110	103	94	22.69	cps
Holmium	165-1	7843679	7567578	7539715	7650324	2.20	cps
Holmium	165-2	3603199	3883708	3864321	3783743	4.14	cps
Indium	115-1	5973281	5791397	5748713	5837797	2.04	cps
Indium	115-2	1023290	1115392	1119787	1086157	5.02	cps
Iron	56-2	9264	8986	9320	9190	1.94	cps
Iron	57-2	233	294	206	244	18.60	cps
Krypton	83-1	183	170	223	192	14.44	cps
Lead	206-1	272	239	306	272	12.25	cps
Lead	207-1	283	194	267	248	19.04	cps
Lead	208-1	1228	1006	1189	1141	10.40	cps
Lithium	6-1	2687030	2648167	2650969	2662055	0.81	cps
Magnesium	24-2	1458	1675	1642	1592	7.33	cps

LB Number : LB98243 Operator : Jaswal
 Lab Sample ID : CCB15 Instrumnet Name : P7
 Client Sample ID : CCB15 Dilution Factor : 1
 Date & Time Acquired :: 2018-09-28 18:14:33 DataFile Name : 042CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	117	127	157	133	15.61	cps
Molybdenum	94-1	625	592	575	597	4.26	cps
Molybdenum	95-1	567	467	400	478	17.56	cps
Molybdenum	96-1	642	650	650	647	0.74	cps
Molybdenum	97-1	367	317	275	319	14.37	cps
Molybdenum	98-1	967	875	700	847	16.00	cps
Neodymium	150-1	0	0	0	0	0.00	cps
Neodymium	150-2	0	0	0	0	0.00	cps
Nickel	60-2	40	50	40	43	13.32	cps
Phosphorus	31-2	67	75	25	56	48.22	cps
Potassium	39-2	8661	9020	8503	8728	3.03	cps
Rhodium	103-1	5521900	5440417	5419599	5460639	0.99	cps
Rhodium	103-2	2355660	2541853	2551879	2483131	4.45	cps
Scandium	45-1	4229752	4151879	4108821	4163484	1.47	cps
Scandium	45-2	161560	176858	175037	171151	4.88	cps
Selenium	77-2	0	0	0	0	0.00	cps
Selenium	78-2	28	33	28	30	10.81	cps
Selenium	82-1	43	44	-6	27	106.24	cps
Silicon	28-1	144862	144978	142861	144234	0.82	cps
Silver	109-1	417	392	458	422	7.98	cps
Silver	107-1	583	650	500	578	13.01	cps
Sodium	23-2	14616	15091	14649	14786	1.80	cps
Strontium	86-1	383	425	358	389	8.66	cps
Strontium	88-1	658	750	608	672	10.69	cps
Sulfur	34-1	133764	133789	134486	134013	0.31	cps
Terbium	159-1	8206460	7946541	7937042	8030014	1.90	cps
Terbium	159-2	3593043	3918486	3888698	3800076	4.73	cps
Thallium	203-1	325	375	275	325	15.38	cps
Thallium	205-1	950	858	825	878	7.37	cps
Thorium	232-1	1228	1033	1211	1157	9.31	cps
Tin	118-1	950	1042	1058	1017	5.74	cps
Titanium	47-1	217	108	142	156	35.67	cps
Uranium	238-1	392	308	275	325	18.49	cps
Vanadium	51-2	43	43	57	48	16.12	cps
Yttrium	89-1	6461082	6308254	6348908	6372748	1.24	cps
Yttrium	89-2	825313	898472	897595	873793	4.81	cps

LB Number :	LB98243	Operator :	Jaswal
Lab Sample ID :	CCB15	Instrumnet Name :	P7
Client Sample ID :	CCB15	Dilution Factor :	1
Date & Time Acquired ::	2018-09-28 18:14:33	DataFile Name :	042CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zinc	66-2	443	370	463	426	11.55	cps
Zirconium	90-1	717	783	817	772	6.59	cps
Zirconium	91-1	158	117	150	142	15.56	cps

LB Number :	LB98243	Operator :	Jaswal
Lab Sample ID :	J4968-06LDLX25	Instrumnet Name :	P7
Client Sample ID :	SA-PZ182I-20180916LDI	Dilution Factor :	25
Date & Time Acquired ::	2018-09-28 18:18:07	DataFile Name :	043SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	67	8	83	53	74.62	cps
Antimony	121-1	1400	1508	1467	1458	3.75	cps
Arsenic	75-2	50	81	56	62	26.95	cps
Barium	135-1	1425	1333	1192	1317	8.93	cps
Barium	137-1	2225	2234	2100	2186	3.42	cps
Beryllium	9-1	122	128	67	106	32.01	cps
Bismuth	209-1	4665707	4664907	4719386	4683333	0.67	cps
Bismuth	209-2	2705579	2710379	2714755	2710238	0.17	cps
Boron	10-1	2917	3117	3117	3050	3.79	cps
Boron	11-1	13114	12714	13156	12995	1.88	cps
Cadmium	111-1	1243	1373	1189	1268	7.47	cps
Cadmium	106-1	1734	1909	1667	1770	7.05	cps
Cadmium	108-1	0	13	4	6	114.53	cps
Calcium	43-1	7811	7727	7586	7708	1.48	cps
Calcium	44-1	123999	125130	125546	124892	0.64	cps
Chromium	52-2	490	570	483	514	9.37	cps
Cobalt	59-2	567	617	647	610	6.63	cps
Copper	63-2	3504	3497	3490	3497	0.19	cps
Dysprosium	156-1	8	8	8	8	0.00	cps
Dysprosium	156-2	17	7	13	12	41.65	cps
Erbium	164-1	83	42	92	72	37.09	cps
Erbium	164-2	17	30	27	24	28.38	cps
Gadolinium	160-1	33	33	58	42	34.65	cps
Gadolinium	160-2	103	80	113	99	17.30	cps
Holmium	165-1	7214440	7265252	7294572	7258088	0.56	cps
Holmium	165-2	3850316	3913032	3880028	3881126	0.81	cps
Indium	115-1	5600316	5593626	5570553	5588165	0.28	cps
Indium	115-2	1113994	1123643	1124589	1120742	0.52	cps
Iron	56-2	178616	175849	180090	178185	1.21	cps
Iron	57-2	4473	4495	4317	4429	2.19	cps
Krypton	83-1	150	150	207	169	19.37	cps
Lead	206-1	278	339	250	289	15.74	cps
Lead	207-1	244	228	261	244	6.82	cps
Lead	208-1	1128	1117	1150	1132	1.50	cps
Lithium	6-1	2612784	2624003	2598367	2611718	0.49	cps
Magnesium	24-2	27977	27726	27652	27785	0.61	cps

LB Number :	LB98243	Operator :	Jaswal
Lab Sample ID :	J4968-06LDLX25	Instrumnet Name :	P7
Client Sample ID :	SA-PZ182I-20180916LDI	Dilution Factor :	25
Date & Time Acquired ::	2018-09-28 18:18:07	DataFile Name :	043SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	79430	80308	80123	79953	0.58	cps
Molybdenum	94-1	275	308	375	319	15.94	cps
Molybdenum	95-1	275	283	242	267	8.27	cps
Molybdenum	96-1	217	292	208	239	19.21	cps
Molybdenum	97-1	117	108	142	122	14.19	cps
Molybdenum	98-1	325	408	283	339	18.78	cps
Neodymium	150-1	20	0	0	7	173.21	cps
Neodymium	150-2	0	0	7	2	173.21	cps
Nickel	60-2	103	87	97	96	8.78	cps
Phosphorus	31-2	100	75	92	89	14.33	cps
Potassium	39-2	16284	16218	16460	16321	0.77	cps
Rhodium	103-1	5268141	5278149	5260782	5269024	0.17	cps
Rhodium	103-2	2554654	2551810	2540779	2549081	0.29	cps
Scandium	45-1	4027277	4028801	4016539	4024206	0.17	cps
Scandium	45-2	178204	177444	179563	178404	0.60	cps
Selenium	77-2	0	7	3	3	100.05	cps
Selenium	78-2	43	22	22	29	40.54	cps
Selenium	82-1	27	54	-13	22	148.90	cps
Silicon	28-1	935386	940446	943251	939694	0.42	cps
Silver	109-1	217	283	333	278	21.07	cps
Silver	107-1	342	350	342	344	1.40	cps
Sodium	23-2	115769	118197	117751	117239	1.10	cps
Strontium	86-1	4376	4259	4392	4342	1.67	cps
Strontium	88-1	36221	36806	35445	36157	1.89	cps
Sulfur	34-1	145032	148138	145084	146084	1.22	cps
Terbium	159-1	7675649	7632356	7694282	7667429	0.41	cps
Terbium	159-2	3899875	3900220	3939752	3913282	0.59	cps
Thallium	203-1	425	308	233	322	29.97	cps
Thallium	205-1	817	725	733	758	6.68	cps
Thorium	232-1	844	750	778	791	6.14	cps
Tin	118-1	908	950	733	864	13.31	cps
Titanium	47-1	142	125	75	114	30.46	cps
Uranium	238-1	50	92	42	61	43.83	cps
Vanadium	51-2	73	70	43	62	26.43	cps
Yttrium	89-1	6119614	6122009	6086582	6109402	0.32	cps
Yttrium	89-2	892919	898898	906889	899569	0.78	cps

LB Number :	LB98243	Operator :	Jaswal
Lab Sample ID :	J4968-06LDLX25	Instrumnet Name :	P7
Client Sample ID :	SA-PZ182I-20180916LDI	Dilution Factor :	25
Date & Time Acquired ::	2018-09-28 18:18:07	DataFile Name :	043SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zinc	66-2	333	360	327	340	5.19	cps
Zirconium	90-1	942	708	650	767	20.13	cps
Zirconium	91-1	192	158	100	150	30.94	cps

LB Number : LB98243 Operator : Jaswal
 Lab Sample ID : J4968-07DLX5 Instrumnet Name : P7
 Client Sample ID : SA-PZ182I-20180916MS Dilution Factor : 5
 Date & Time Acquired :: 2018-09-28 18:21:41 DataFile Name : 044SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	136038	132364	135081	134494	1.42	cps
Antimony	121-1	580426	581281	583614	581773	0.28	cps
Arsenic	75-2	20227	20485	20147	20286	0.87	cps
Barium	135-1	751870	752909	760355	755045	0.61	cps
Barium	137-1	1294429	1289815	1304217	1296154	0.57	cps
Beryllium	9-1	198490	196661	195442	196864	0.78	cps
Bismuth	209-1	4590283	4583426	4590169	4587959	0.09	cps
Bismuth	209-2	2508097	2599898	2576759	2561585	1.86	cps
Boron	10-1	30774	31584	31442	31266	1.38	cps
Boron	11-1	137438	141204	143365	140669	2.13	cps
Cadmium	111-1	165034	164599	165238	164957	0.20	cps
Cadmium	106-1	19097	19330	18513	18980	2.22	cps
Cadmium	108-1	12009	11997	12168	12058	0.79	cps
Calcium	43-1	251068	249563	248757	249796	0.47	cps
Calcium	44-1	3930500	3903899	3904281	3912893	0.39	cps
Chromium	52-2	194699	193879	193828	194135	0.25	cps
Cobalt	59-2	300917	302110	300407	301145	0.29	cps
Copper	63-2	406478	403639	404526	404881	0.36	cps
Dysprosium	156-1	58	50	67	58	14.29	cps
Dysprosium	156-2	30	40	43	38	18.36	cps
Erbium	164-1	225	250	283	253	11.58	cps
Erbium	164-2	127	100	103	110	13.21	cps
Gadolinium	160-1	117	100	75	97	21.57	cps
Gadolinium	160-2	130	107	127	121	10.42	cps
Holmium	165-1	7287437	7185685	7197600	7223574	0.77	cps
Holmium	165-2	3610979	3731654	3752650	3698428	2.07	cps
Indium	115-1	5483166	5445696	5445363	5458075	0.40	cps
Indium	115-2	1037195	1075422	1089690	1067435	2.54	cps
Iron	56-2	9011767	8912865	8937088	8953907	0.58	cps
Iron	57-2	219241	219200	218907	219116	0.08	cps
Krypton	83-1	187	223	163	191	15.83	cps
Lead	206-1	502965	510250	513854	509023	1.09	cps
Lead	207-1	451091	451424	456340	452952	0.65	cps
Lead	208-1	2025367	2045253	2062547	2044389	0.91	cps
Lithium	6-1	2582304	2580352	2556149	2572935	0.57	cps
Magnesium	24-2	1716534	1704625	1705435	1708864	0.39	cps

LB Number :	LB98243	Operator :	Jaswal
Lab Sample ID :	J4968-07DLX5	Instrumnet Name :	P7
Client Sample ID :	SA-PZ182I-20180916MS	Dilution Factor :	5
Date & Time Acquired ::	2018-09-28 18:21:41	DataFile Name :	044SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	606531	601476	608487	605498	0.60	cps
Molybdenum	94-1	1274967	1272564	1287479	1278337	0.63	cps
Molybdenum	95-1	1551759	1544828	1554111	1550233	0.31	cps
Molybdenum	96-1	1700567	1699736	1713448	1704583	0.45	cps
Molybdenum	97-1	976829	983603	987058	982497	0.53	cps
Molybdenum	98-1	2458003	2475558	2463057	2465539	0.37	cps
Neodymium	150-1	140	120	127	129	7.90	cps
Neodymium	150-2	17	37	27	27	37.50	cps
Nickel	60-2	77936	77198	77768	77634	0.50	cps
Phosphorus	31-2	108	108	108	108	0.00	cps
Potassium	39-2	753735	739693	745752	746393	0.94	cps
Rhodium	103-1	5048118	5006951	5021661	5025577	0.42	cps
Rhodium	103-2	2286203	2381265	2373580	2347016	2.25	cps
Scandium	45-1	3930436	3869939	3854133	3884836	1.04	cps
Scandium	45-2	158606	166028	166682	163772	2.74	cps
Selenium	77-2	533	667	557	586	12.16	cps
Selenium	78-2	1963	1998	1995	1985	0.97	cps
Selenium	82-1	12482	12632	12729	12614	0.99	cps
Silicon	28-1	4433417	4408166	4371889	4404491	0.70	cps
Silver	109-1	725932	733583	736842	732119	0.76	cps
Silver	107-1	750825	760459	760248	757177	0.73	cps
Sodium	23-2	3577200	3542858	3516064	3545374	0.86	cps
Strontium	86-1	228049	230492	229938	229493	0.56	cps
Strontium	88-1	1924907	1901014	1923790	1916570	0.70	cps
Sulfur	34-1	179282	175277	173675	176078	1.64	cps
Terbium	159-1	7570224	7556812	7542806	7556614	0.18	cps
Terbium	159-2	3635714	3767419	3776755	3726629	2.12	cps
Thallium	203-1	607335	609301	619172	611936	1.04	cps
Thallium	205-1	1420452	1432619	1453497	1435523	1.16	cps
Thorium	232-1	1472	1339	1400	1404	4.76	cps
Tin	118-1	498355	497821	507710	501295	1.11	cps
Titanium	47-1	468080	469394	468899	468791	0.14	cps
Uranium	238-1	2192140	2213945	2227708	2211265	0.81	cps
Vanadium	51-2	158810	158083	156876	157923	0.62	cps
Yttrium	89-1	5932749	5890744	5925260	5916251	0.38	cps
Yttrium	89-2	830387	864631	867164	854061	2.41	cps

LB Number :	LB98243	Operator :	Jaswal
Lab Sample ID :	J4968-07DLX5	Instrumnet Name :	P7
Client Sample ID :	SA-PZ182I-20180916MS	Dilution Factor :	5
Date & Time Acquired ::	2018-09-28 18:21:41	DataFile Name :	044SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zinc	66-2	63353	63119	62580	63017	0.63	cps
Zirconium	90-1	1063545	1070795	1081733	1072024	0.85	cps
Zirconium	91-1	243612	245225	245030	244622	0.36	cps

LB Number :	LB98243	Operator :	Jaswal
Lab Sample ID :	J4968-08DLX5	Instrumnet Name :	P7
Client Sample ID :	SA-PZ182I-20180916MS	Dilution Factor :	5
Date & Time Acquired ::	2018-09-28 18:25:15	DataFile Name :	045SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	128750	131086	130590	130142	0.95	cps
Antimony	121-1	581061	579315	579863	580080	0.15	cps
Arsenic	75-2	19910	19917	19843	19890	0.21	cps
Barium	135-1	758008	758194	752642	756281	0.42	cps
Barium	137-1	1300108	1314374	1301561	1305348	0.60	cps
Beryllium	9-1	189337	188022	187712	188357	0.46	cps
Bismuth	209-1	4463404	4585400	4570094	4539633	1.46	cps
Bismuth	209-2	2615984	2621343	2617021	2618116	0.11	cps
Boron	10-1	31768	32244	31726	31912	0.90	cps
Boron	11-1	140927	143727	148625	144426	2.70	cps
Cadmium	111-1	165460	165715	166094	165757	0.19	cps
Cadmium	106-1	19339	18671	18897	18969	1.79	cps
Cadmium	108-1	12360	11989	12093	12147	1.58	cps
Calcium	43-1	248299	249343	243312	246985	1.30	cps
Calcium	44-1	3843337	3800290	3798460	3814029	0.67	cps
Chromium	52-2	188032	189578	187657	188422	0.54	cps
Cobalt	59-2	292456	293785	293660	293300	0.25	cps
Copper	63-2	394607	397022	393649	395092	0.44	cps
Dysprosium	156-1	42	83	50	58	37.80	cps
Dysprosium	156-2	43	57	47	49	14.20	cps
Erbium	164-1	258	267	217	247	10.84	cps
Erbium	164-2	133	143	80	119	28.64	cps
Gadolinium	160-1	83	150	117	117	28.57	cps
Gadolinium	160-2	103	137	130	123	14.30	cps
Holmium	165-1	7113348	7256777	7150265	7173463	1.04	cps
Holmium	165-2	3793780	3789099	3785218	3789366	0.11	cps
Indium	115-1	5251398	5366118	5316850	5311455	1.08	cps
Indium	115-2	1074092	1077830	1077529	1076483	0.19	cps
Iron	56-2	8666919	8689464	8625119	8660501	0.38	cps
Iron	57-2	213508	211508	212601	212539	0.47	cps
Krypton	83-1	207	197	227	210	7.27	cps
Lead	206-1	523660	527604	526556	525940	0.39	cps
Lead	207-1	461141	464997	461770	462636	0.45	cps
Lead	208-1	2087236	2098966	2099048	2095083	0.32	cps
Lithium	6-1	2430285	2486071	2452330	2456229	1.14	cps
Magnesium	24-2	1674752	1679558	1658690	1671000	0.65	cps

LB Number : LB98243 Operator : Jaswal
 Lab Sample ID : J4968-08DLX5 Instrumnet Name : P7
 Client Sample ID : SA-PZ182I-20180916MS Dilution Factor : 5
 Date & Time Acquired :: 2018-09-28 18:25:15 DataFile Name : 045SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	588103	588138	583728	586657	0.43	cps
Molybdenum	94-1	1279585	1282357	1271976	1277973	0.42	cps
Molybdenum	95-1	1551547	1544559	1545824	1547310	0.24	cps
Molybdenum	96-1	1707217	1704811	1715591	1709206	0.33	cps
Molybdenum	97-1	980340	986224	980586	982383	0.34	cps
Molybdenum	98-1	2447424	2447294	2435621	2443446	0.28	cps
Neodymium	150-1	60	67	107	78	32.45	cps
Neodymium	150-2	37	33	23	31	22.31	cps
Nickel	60-2	76187	76120	75925	76077	0.18	cps
Phosphorus	31-2	83	83	75	81	5.98	cps
Potassium	39-2	723004	728027	725135	725389	0.35	cps
Rhodium	103-1	4833751	4976808	4908076	4906212	1.46	cps
Rhodium	103-2	2379265	2364871	2372490	2372209	0.30	cps
Scandium	45-1	3657104	3719392	3682967	3686488	0.85	cps
Scandium	45-2	162328	163936	162803	163022	0.51	cps
Selenium	77-2	517	567	580	554	6.02	cps
Selenium	78-2	1852	1937	1819	1869	3.27	cps
Selenium	82-1	12372	12473	12557	12467	0.74	cps
Silicon	28-1	4258684	4209303	4194742	4220910	0.79	cps
Silver	109-1	738072	738050	729776	735299	0.65	cps
Silver	107-1	756697	766529	763546	762257	0.66	cps
Sodium	23-2	3432692	3463295	3425553	3440513	0.58	cps
Strontium	86-1	225256	228777	227474	227169	0.78	cps
Strontium	88-1	1923389	1911933	1900717	1912013	0.59	cps
Sulfur	34-1	169149	163192	163310	165217	2.06	cps
Terbium	159-1	7404536	7617580	7524581	7515566	1.42	cps
Terbium	159-2	3794458	3767983	3774910	3779117	0.36	cps
Thallium	203-1	630257	636722	633686	633555	0.51	cps
Thallium	205-1	1492851	1485903	1490365	1489706	0.24	cps
Thorium	232-1	889	967	983	946	5.33	cps
Tin	118-1	506038	499806	497551	501132	0.88	cps
Titanium	47-1	456847	452895	453919	454553	0.45	cps
Uranium	238-1	2205333	2207056	2196333	2202907	0.26	cps
Vanadium	51-2	154024	152411	153592	153342	0.54	cps
Yttrium	89-1	5699520	5868347	5761383	5776417	1.48	cps
Yttrium	89-2	856792	863814	863890	861499	0.47	cps

LB Number :	LB98243	Operator :	Jaswal
Lab Sample ID :	J4968-08DLX5	Instrumnet Name :	P7
Client Sample ID :	SA-PZ182I-20180916MS	Dilution Factor :	5
Date & Time Acquired ::	2018-09-28 18:25:15	DataFile Name :	045SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zinc	66-2	60378	61305	61121	60934	0.81	cps
Zirconium	90-1	1070282	1078267	1068190	1072246	0.50	cps
Zirconium	91-1	243621	242028	246699	244116	0.97	cps

LB Number : LB98243 Operator : Jaswal
 Lab Sample ID : J4968-06ADLX5 Instrumnet Name : P7
 Client Sample ID : SA-PZ182I-20180916ADL Dilution Factor : 5
 Date & Time Acquired :: 2018-09-28 18:28:50 DataFile Name : 046SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	130589	130969	129766	130441	0.47	cps
Antimony	121-1	584226	581793	583366	583128	0.21	cps
Arsenic	75-2	20146	20027	19988	20053	0.41	cps
Barium	135-1	763510	757309	764675	761831	0.52	cps
Barium	137-1	1321021	1303406	1327210	1317212	0.94	cps
Beryllium	9-1	187621	188554	187486	187887	0.31	cps
Bismuth	209-1	4593066	4601540	4620010	4604872	0.30	cps
Bismuth	209-2	2516017	2521852	2597073	2544981	1.78	cps
Boron	10-1	32285	32218	32218	32241	0.12	cps
Boron	11-1	142769	147967	149827	146854	2.49	cps
Cadmium	111-1	164575	166114	165619	165436	0.47	cps
Cadmium	106-1	18972	19139	19289	19133	0.83	cps
Cadmium	108-1	11780	12068	12035	11961	1.32	cps
Calcium	43-1	246011	244048	246207	245422	0.49	cps
Calcium	44-1	3801471	3797402	3801639	3800171	0.06	cps
Chromium	52-2	190294	189956	191698	190649	0.48	cps
Cobalt	59-2	298715	297959	297196	297957	0.25	cps
Copper	63-2	400879	400828	399357	400355	0.22	cps
Dysprosium	156-1	92	67	67	75	19.24	cps
Dysprosium	156-2	53	30	33	39	32.45	cps
Erbium	164-1	233	275	208	239	14.10	cps
Erbium	164-2	117	123	157	132	16.21	cps
Gadolinium	160-1	75	108	133	106	27.73	cps
Gadolinium	160-2	160	110	100	123	26.06	cps
Holmium	165-1	7267699	7220772	7250632	7246368	0.33	cps
Holmium	165-2	3621656	3641165	3749264	3670695	1.87	cps
Indium	115-1	5390326	5338954	5330840	5353373	0.60	cps
Indium	115-2	1026369	1033370	1066256	1041998	2.04	cps
Iron	56-2	8812721	8758364	8752253	8774446	0.38	cps
Iron	57-2	215046	213965	215192	214734	0.31	cps
Krypton	83-1	193	187	200	193	3.45	cps
Lead	206-1	531669	532600	534039	532769	0.22	cps
Lead	207-1	468265	470040	471700	470002	0.37	cps
Lead	208-1	2111442	2117721	2128348	2119170	0.40	cps
Lithium	6-1	2463199	2437148	2432634	2444327	0.67	cps
Magnesium	24-2	1681224	1671730	1670497	1674484	0.35	cps

LB Number :	LB98243	Operator :	Jaswal
Lab Sample ID :	J4968-06ADLX5	Instrumnet Name :	P7
Client Sample ID :	SA-PZ182I-20180916AD	Dilution Factor :	5
Date & Time Acquired ::	2018-09-28 18:28:50	DataFile Name :	046SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	595591	593217	592502	593770	0.27	cps
Molybdenum	94-1	1276691	1290559	1288017	1285089	0.57	cps
Molybdenum	95-1	1543041	1555984	1560487	1553171	0.58	cps
Molybdenum	96-1	1698078	1711012	1716783	1708624	0.56	cps
Molybdenum	97-1	979183	983499	981872	981518	0.22	cps
Molybdenum	98-1	2446462	2469056	2452322	2455946	0.48	cps
Neodymium	150-1	73	100	113	96	21.31	cps
Neodymium	150-2	27	17	17	20	28.86	cps
Nickel	60-2	76961	77396	76773	77043	0.41	cps
Phosphorus	31-2	75	75	67	72	6.66	cps
Potassium	39-2	728469	725964	720106	724846	0.59	cps
Rhodium	103-1	4942574	4935886	4890120	4922860	0.58	cps
Rhodium	103-2	2256994	2252706	2330939	2280213	1.93	cps
Scandium	45-1	3715573	3694480	3667136	3692396	0.66	cps
Scandium	45-2	155722	153342	159077	156047	1.85	cps
Selenium	77-2	570	517	513	533	5.96	cps
Selenium	78-2	1882	1974	1863	1906	3.12	cps
Selenium	82-1	12255	12384	12309	12316	0.53	cps
Silicon	28-1	4185991	4164209	4162476	4170892	0.31	cps
Silver	109-1	722291	730614	734069	728991	0.83	cps
Silver	107-1	747024	761992	759677	756231	1.07	cps
Sodium	23-2	3458780	3466643	3436314	3453912	0.46	cps
Strontium	86-1	227987	230504	229351	229281	0.55	cps
Strontium	88-1	1920284	1924632	1915625	1920180	0.23	cps
Sulfur	34-1	156269	156167	156008	156148	0.08	cps
Terbium	159-1	7558834	7525355	7531912	7538700	0.24	cps
Terbium	159-2	3633320	3626394	3721185	3660300	1.44	cps
Thallium	203-1	635058	637586	645699	639448	0.87	cps
Thallium	205-1	1496850	1498981	1511090	1502307	0.51	cps
Thorium	232-1	583	617	717	639	10.86	cps
Tin	118-1	503117	501875	507104	504032	0.54	cps
Titanium	47-1	455620	453498	455280	454799	0.25	cps
Uranium	238-1	2224335	2225132	2230287	2226585	0.15	cps
Vanadium	51-2	155940	154859	154899	155233	0.39	cps
Yttrium	89-1	5815799	5804596	5778018	5799471	0.33	cps
Yttrium	89-2	820149	822802	843357	828769	1.53	cps

LB Number :	LB98243	Operator :	Jaswal
Lab Sample ID :	J4968-06ADLX5	Instrumnet Name :	P7
Client Sample ID :	SA-PZ182I-20180916AD	Dilution Factor :	5
Date & Time Acquired ::	2018-09-28 18:28:50	DataFile Name :	046SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zinc	66-2	60967	61077	61341	61128	0.31	cps
Zirconium	90-1	1070514	1074931	1074233	1073226	0.22	cps
Zirconium	91-1	246349	245798	246079	246076	0.11	cps

LB Number :	LB98243	Operator :	Jaswal
Lab Sample ID :	J5041-02DLX5	Instrumnet Name :	P7
Client Sample ID :	S13-0257DL	Dilution Factor :	5
Date & Time Acquired ::	2018-09-28 18:32:25	DataFile Name :	047SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	442	367	350	386	12.65	cps
Antimony	121-1	2834	2834	3201	2956	7.16	cps
Arsenic	75-2	6529	6855	6761	6715	2.50	cps
Barium	135-1	5626	6027	5635	5763	3.97	cps
Barium	137-1	9629	9370	9303	9434	1.82	cps
Beryllium	9-1	111	67	100	93	24.98	cps
Bismuth	209-1	4667004	4750094	4855095	4757397	1.98	cps
Bismuth	209-2	2614498	2643969	2681915	2646794	1.28	cps
Boron	10-1	7736	7352	7510	7533	2.56	cps
Boron	11-1	33246	33463	33087	33265	0.57	cps
Cadmium	111-1	1148	1296	1353	1266	8.36	cps
Cadmium	106-1	1567	1809	1850	1742	8.78	cps
Cadmium	108-1	4	17	13	11	57.27	cps
Calcium	43-1	95759	97151	96413	96441	0.72	cps
Calcium	44-1	1525653	1526205	1520821	1524227	0.19	cps
Chromium	52-2	783	753	733	757	3.33	cps
Cobalt	59-2	2777	2827	2797	2800	0.90	cps
Copper	63-2	3734	3811	3957	3834	2.96	cps
Dysprosium	156-1	8	67	25	33	90.15	cps
Dysprosium	156-2	23	27	37	29	24.03	cps
Erbium	164-1	83	58	67	69	18.33	cps
Erbium	164-2	43	37	27	36	23.58	cps
Gadolinium	160-1	25	75	75	58	49.49	cps
Gadolinium	160-2	140	117	87	114	23.36	cps
Holmium	165-1	7202050	7256616	7481935	7313534	2.03	cps
Holmium	165-2	3685358	3720711	3808228	3738099	1.69	cps
Indium	115-1	5394195	5364231	5557046	5438490	1.91	cps
Indium	115-2	1032305	1050774	1076404	1053161	2.10	cps
Iron	56-2	11841833	11828132	11898534	11856167	0.31	cps
Iron	57-2	282849	283459	285471	283926	0.48	cps
Krypton	83-1	207	137	227	190	24.87	cps
Lead	206-1	444	350	378	391	12.42	cps
Lead	207-1	350	361	389	367	5.46	cps
Lead	208-1	1656	1561	1545	1587	3.78	cps
Lithium	6-1	2407649	2400066	2447782	2418499	1.06	cps
Magnesium	24-2	167525	166893	167686	167368	0.25	cps

LB Number :	LB98243	Operator :	Jaswal
Lab Sample ID :	J5041-02DLX5	Instrumnet Name :	P7
Client Sample ID :	S13-0257DL	Dilution Factor :	5
Date & Time Acquired ::	2018-09-28 18:32:25	DataFile Name :	047SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	990896	995167	1001703	995922	0.55	cps
Molybdenum	94-1	1250	1058	1150	1153	8.32	cps
Molybdenum	95-1	1684	1725	1650	1686	2.23	cps
Molybdenum	96-1	2125	2042	2167	2111	3.02	cps
Molybdenum	97-1	1067	1075	967	1036	5.82	cps
Molybdenum	98-1	2859	2775	2509	2714	6.74	cps
Neodymium	150-1	33	47	40	40	16.68	cps
Neodymium	150-2	13	20	7	13	49.99	cps
Nickel	60-2	610	690	670	657	6.34	cps
Phosphorus	31-2	242	192	183	206	15.35	cps
Potassium	39-2	72377	72879	74537	73264	1.54	cps
Rhodium	103-1	4940660	4967913	5119306	5009293	1.92	cps
Rhodium	103-2	2330063	2347902	2403140	2360368	1.61	cps
Scandium	45-1	3648771	3652778	3746475	3682674	1.50	cps
Scandium	45-2	153798	156905	159302	156668	1.76	cps
Selenium	77-2	7	0	3	3	100.05	cps
Selenium	78-2	13	20	30	21	39.80	cps
Selenium	82-1	4	34	-65	-9	-567.11	cps
Silicon	28-1	9958039	9918547	9942325	9939637	0.20	cps
Silver	109-1	483	442	425	450	6.68	cps
Silver	107-1	500	542	525	522	4.02	cps
Sodium	23-2	442678	445135	442984	443599	0.30	cps
Strontium	86-1	70791	70984	70916	70897	0.14	cps
Strontium	88-1	612057	615086	611680	612941	0.30	cps
Sulfur	34-1	109877	110449	112874	111067	1.43	cps
Terbium	159-1	7527254	7563107	7790379	7626913	1.87	cps
Terbium	159-2	3701922	3706201	3799837	3735987	1.48	cps
Thallium	203-1	425	267	275	322	27.66	cps
Thallium	205-1	675	575	692	647	9.75	cps
Thorium	232-1	239	267	250	252	5.55	cps
Tin	118-1	1375	1600	1450	1475	7.77	cps
Titanium	47-1	375	375	417	389	6.19	cps
Uranium	238-1	250	342	275	289	16.40	cps
Vanadium	51-2	113	137	97	116	17.39	cps
Yttrium	89-1	5766210	5797390	5944631	5836077	1.63	cps
Yttrium	89-2	819664	829332	854463	834486	2.15	cps

LB Number :	LB98243	Operator :	Jaswal
Lab Sample ID :	J5041-02DLX5	Instrumnet Name :	P7
Client Sample ID :	S13-0257DL	Dilution Factor :	5
Date & Time Acquired ::	2018-09-28 18:32:25	DataFile Name :	047SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zinc	66-2	677	613	670	653	5.33	cps
Zirconium	90-1	842	925	867	878	4.87	cps
Zirconium	91-1	200	233	233	222	8.66	cps

LB Number :	LB98243	Operator :	Jaswal
Lab Sample ID :	J5041-04DLX5	Instrumnet Name :	P7
Client Sample ID :	S13-0247DL	Dilution Factor :	5
Date & Time Acquired ::	2018-09-28 18:35:59	DataFile Name :	048SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	125	83	108	106	19.87	cps
Antimony	121-1	2817	2900	2575	2764	6.11	cps
Arsenic	75-2	3056	3026	2817	2966	4.39	cps
Barium	135-1	12164	12022	12206	12131	0.79	cps
Barium	137-1	22619	21534	21801	21985	2.57	cps
Beryllium	9-1	94	50	83	76	30.47	cps
Bismuth	209-1	4637229	4652154	4691749	4660377	0.60	cps
Bismuth	209-2	2629105	2631027	2619216	2626449	0.24	cps
Boron	10-1	8661	8778	9312	8917	3.89	cps
Boron	11-1	41207	40723	41516	41149	0.97	cps
Cadmium	111-1	1159	1188	1181	1176	1.27	cps
Cadmium	106-1	1642	1675	1625	1647	1.55	cps
Cadmium	108-1	4	8	4	6	43.22	cps
Calcium	43-1	265442	267256	262973	265224	0.81	cps
Calcium	44-1	4189664	4166671	4194839	4183725	0.36	cps
Chromium	52-2	963	857	933	918	5.99	cps
Cobalt	59-2	10904	11591	11448	11315	3.20	cps
Copper	63-2	3687	3791	3744	3741	1.38	cps
Dysprosium	156-1	8	0	8	6	86.60	cps
Dysprosium	156-2	7	0	3	3	100.05	cps
Erbium	164-1	58	33	75	56	37.75	cps
Erbium	164-2	13	30	17	20	44.10	cps
Gadolinium	160-1	8	33	42	28	62.46	cps
Gadolinium	160-2	90	90	123	101	19.04	cps
Holmium	165-1	7241061	7266385	7246246	7251230	0.18	cps
Holmium	165-2	3785926	3764655	3749229	3766603	0.49	cps
Indium	115-1	5406817	5376577	5404166	5395853	0.31	cps
Indium	115-2	1052857	1058697	1055601	1055718	0.28	cps
Iron	56-2	4398460	4400917	4390577	4396651	0.12	cps
Iron	57-2	106958	107115	109388	107820	1.26	cps
Krypton	83-1	183	207	173	188	9.11	cps
Lead	206-1	261	361	256	293	20.30	cps
Lead	207-1	217	267	217	233	12.37	cps
Lead	208-1	1133	1328	939	1133	17.16	cps
Lithium	6-1	2385230	2397350	2394354	2392311	0.26	cps
Magnesium	24-2	870575	882602	872277	875151	0.74	cps

LB Number :	LB98243	Operator :	Jaswal
Lab Sample ID :	J5041-04DLX5	Instrumnet Name :	P7
Client Sample ID :	S13-0247DL	Dilution Factor :	5
Date & Time Acquired ::	2018-09-28 18:35:59	DataFile Name :	048SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	517320	520581	521736	519879	0.44	cps
Molybdenum	94-1	858	892	800	850	5.46	cps
Molybdenum	95-1	1192	983	1058	1078	9.79	cps
Molybdenum	96-1	1317	1433	1192	1314	9.20	cps
Molybdenum	97-1	775	592	750	706	14.09	cps
Molybdenum	98-1	1675	1475	1684	1611	7.32	cps
Neodymium	150-1	7	7	13	9	43.25	cps
Neodymium	150-2	3	3	0	2	86.60	cps
Nickel	60-2	4844	5151	4804	4933	3.85	cps
Phosphorus	31-2	25	50	67	47	44.41	cps
Potassium	39-2	60105	59687	59102	59632	0.85	cps
Rhodium	103-1	4988517	4962463	5018458	4989812	0.56	cps
Rhodium	103-2	2376887	2369822	2375966	2374225	0.16	cps
Scandium	45-1	3682330	3669683	3664147	3672053	0.25	cps
Scandium	45-2	158999	160558	160607	160055	0.57	cps
Selenium	77-2	3	0	3	2	86.60	cps
Selenium	78-2	37	33	30	33	11.12	cps
Selenium	82-1	6	3	22	10	99.21	cps
Silicon	28-1	12719420	12636023	12589833	12648425	0.52	cps
Silver	109-1	308	358	433	367	17.16	cps
Silver	107-1	442	375	408	408	8.16	cps
Sodium	23-2	918491	919974	910404	916290	0.56	cps
Strontium	86-1	239912	243732	242523	242055	0.81	cps
Strontium	88-1	2019423	2038961	2023704	2027363	0.51	cps
Sulfur	34-1	115083	117864	114722	115890	1.48	cps
Terbium	159-1	7518879	7551500	7569615	7546665	0.34	cps
Terbium	159-2	3795101	3777888	3744094	3772361	0.69	cps
Thallium	203-1	225	125	158	169	30.05	cps
Thallium	205-1	408	375	425	403	6.32	cps
Thorium	232-1	194	244	267	235	15.73	cps
Tin	118-1	1450	1625	1475	1517	6.24	cps
Titanium	47-1	200	242	275	239	15.73	cps
Uranium	238-1	258	250	267	258	3.22	cps
Vanadium	51-2	150	140	117	136	12.62	cps
Yttrium	89-1	5829365	5854567	5833282	5839071	0.23	cps
Yttrium	89-2	842789	843903	846997	844563	0.26	cps

LB Number :	LB98243	Operator :	Jaswal
Lab Sample ID :	J5041-04DLX5	Instrumnet Name :	P7
Client Sample ID :	S13-0247DL	Dilution Factor :	5
Date & Time Acquired ::	2018-09-28 18:35:59	DataFile Name :	048SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zinc	66-2	1200	1160	1257	1206	4.03	cps
Zirconium	90-1	725	717	717	719	0.67	cps
Zirconium	91-1	142	158	142	147	6.54	cps

LB Number :	LB98243	Operator :	Jaswal
Lab Sample ID :	J5041-05DLX5	Instrumnet Name :	P7
Client Sample ID :	S13-0245DL	Dilution Factor :	5
Date & Time Acquired ::	2018-09-28 18:39:34	DataFile Name :	049SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	100	75	108	94	18.37	cps
Antimony	121-1	2550	2517	2434	2500	2.40	cps
Arsenic	75-2	7196	7107	7213	7172	0.79	cps
Barium	135-1	7211	6627	6427	6755	6.03	cps
Barium	137-1	11113	11672	11255	11347	2.56	cps
Beryllium	9-1	122	50	61	78	50.00	cps
Bismuth	209-1	4610278	4630631	4675465	4638791	0.72	cps
Bismuth	209-2	2627309	2602495	2623781	2617862	0.51	cps
Boron	10-1	4426	4126	4317	4290	3.54	cps
Boron	11-1	18729	19447	19772	19316	2.76	cps
Cadmium	111-1	1084	1273	1044	1133	10.78	cps
Cadmium	106-1	1517	1759	1442	1572	10.53	cps
Cadmium	108-1	4	0	4	3	86.60	cps
Calcium	43-1	232788	230659	235173	232874	0.97	cps
Calcium	44-1	3635152	3693725	3672367	3667081	0.81	cps
Chromium	52-2	720	820	747	762	6.79	cps
Cobalt	59-2	3991	4181	3874	4015	3.86	cps
Copper	63-2	3751	3684	3747	3727	1.01	cps
Dysprosium	156-1	58	42	67	56	22.91	cps
Dysprosium	156-2	23	17	20	20	16.65	cps
Erbium	164-1	33	92	75	67	45.07	cps
Erbium	164-2	30	23	27	27	12.51	cps
Gadolinium	160-1	125	58	108	97	35.68	cps
Gadolinium	160-2	107	80	107	98	15.75	cps
Holmium	165-1	7232267	7225041	7252277	7236528	0.19	cps
Holmium	165-2	3760663	3720732	3748781	3743392	0.55	cps
Indium	115-1	5281272	5356678	5383591	5340514	0.99	cps
Indium	115-2	1042213	1042527	1050933	1045224	0.47	cps
Iron	56-2	4492431	4480176	4451976	4474861	0.46	cps
Iron	57-2	109646	106483	107860	107996	1.47	cps
Krypton	83-1	173	210	190	191	9.60	cps
Lead	206-1	300	250	411	320	25.74	cps
Lead	207-1	328	261	328	306	12.60	cps
Lead	208-1	1306	1161	1495	1320	12.66	cps
Lithium	6-1	2368097	2365273	2362797	2365389	0.11	cps
Magnesium	24-2	351339	350092	348141	349857	0.46	cps

LB Number :	LB98243	Operator :	Jaswal
Lab Sample ID :	J5041-05DLX5	Instrumnet Name :	P7
Client Sample ID :	S13-0245DL	Dilution Factor :	5
Date & Time Acquired ::	2018-09-28 18:39:34	DataFile Name :	049SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	1257418	1272685	1267926	1266010	0.62	cps
Molybdenum	94-1	1442	1308	1333	1361	5.21	cps
Molybdenum	95-1	2084	1959	1834	1959	6.38	cps
Molybdenum	96-1	2159	2142	2450	2250	7.71	cps
Molybdenum	97-1	1267	1092	1058	1139	9.83	cps
Molybdenum	98-1	3217	3075	3059	3117	2.79	cps
Neodymium	150-1	27	13	40	27	50.01	cps
Neodymium	150-2	13	7	17	12	41.65	cps
Nickel	60-2	1727	1723	1790	1747	2.15	cps
Phosphorus	31-2	100	108	83	97	13.09	cps
Potassium	39-2	89872	91238	88689	89933	1.42	cps
Rhodium	103-1	4883428	4895749	4911387	4896855	0.29	cps
Rhodium	103-2	2350616	2346458	2341703	2346259	0.19	cps
Scandium	45-1	3645229	3665799	3634881	3648636	0.43	cps
Scandium	45-2	157624	156250	158319	157397	0.67	cps
Selenium	77-2	60	0	3	21	159.74	cps
Selenium	78-2	31	46	39	39	19.05	cps
Selenium	82-1	6	-29	16	-2	-1051.22	cps
Silicon	28-1	13416804	13411187	13404778	13410923	0.04	cps
Silver	109-1	342	342	333	339	1.42	cps
Silver	107-1	350	308	317	325	6.78	cps
Sodium	23-2	7194454	7137308	7085295	7139019	0.76	cps
Strontium	86-1	163504	164886	166900	165097	1.03	cps
Strontium	88-1	1391763	1397511	1408937	1399404	0.62	cps
Sulfur	34-1	114024	113345	113185	113518	0.39	cps
Terbium	159-1	7464678	7495017	7486668	7482121	0.21	cps
Terbium	159-2	3761857	3750326	3758892	3757025	0.16	cps
Thallium	203-1	100	92	58	83	26.45	cps
Thallium	205-1	200	225	217	214	5.95	cps
Thorium	232-1	161	117	150	143	16.22	cps
Tin	118-1	1425	1584	1392	1467	6.98	cps
Titanium	47-1	267	300	225	264	14.24	cps
Uranium	238-1	183	167	217	189	13.48	cps
Vanadium	51-2	90	67	77	78	15.05	cps
Yttrium	89-1	5739378	5783286	5783277	5768647	0.44	cps
Yttrium	89-2	834752	835707	838393	836284	0.23	cps

LB Number :	LB98243	Operator :	Jaswal
Lab Sample ID :	J5041-05DLX5	Instrumnet Name :	P7
Client Sample ID :	S13-0245DL	Dilution Factor :	5
Date & Time Acquired ::	2018-09-28 18:39:34	DataFile Name :	049SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zinc	66-2	1080	983	1043	1036	4.71	cps
Zirconium	90-1	742	700	558	667	14.42	cps
Zirconium	91-1	158	133	217	169	25.24	cps

LB Number :	LB98243	Operator :	Jaswal
Lab Sample ID :	J5041-06DLX5	Instrumnet Name :	P7
Client Sample ID :	S13-0246DL	Dilution Factor :	5
Date & Time Acquired ::	2018-09-28 18:43:09	DataFile Name :	050SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	50	42	133	75	67.59	cps
Antimony	121-1	2917	2634	2617	2723	6.19	cps
Arsenic	75-2	7615	7409	7341	7455	1.91	cps
Barium	135-1	7119	6910	7177	7069	1.98	cps
Barium	137-1	12681	12648	12198	12509	2.16	cps
Beryllium	9-1	100	72	61	78	25.76	cps
Bismuth	209-1	4640496	4680386	4682449	4667777	0.51	cps
Bismuth	209-2	2664719	2646439	2653037	2654732	0.35	cps
Boron	10-1	4442	4092	4443	4326	4.67	cps
Boron	11-1	18462	18153	18370	18328	0.86	cps
Cadmium	111-1	1077	1076	1188	1114	5.82	cps
Cadmium	106-1	1567	1517	1650	1578	4.27	cps
Cadmium	108-1	58	4	0	21	156.20	cps
Calcium	43-1	243793	248136	242141	244690	1.27	cps
Calcium	44-1	3833079	3871614	3817557	3840750	0.72	cps
Chromium	52-2	797	810	737	781	5.00	cps
Cobalt	59-2	4301	4364	4314	4326	0.77	cps
Copper	63-2	3891	4171	3951	4004	3.68	cps
Dysprosium	156-1	75	58	33	56	37.74	cps
Dysprosium	156-2	23	13	17	18	28.64	cps
Erbium	164-1	108	50	83	81	36.33	cps
Erbium	164-2	40	43	63	49	25.81	cps
Gadolinium	160-1	58	58	58	58	0.00	cps
Gadolinium	160-2	117	103	113	111	6.24	cps
Holmium	165-1	7230646	7245397	7319303	7265115	0.65	cps
Holmium	165-2	3812824	3775238	3772023	3786695	0.60	cps
Indium	115-1	5368591	5412424	5419436	5400150	0.51	cps
Indium	115-2	1049325	1063613	1068529	1060489	0.94	cps
Iron	56-2	4833180	4839193	4806688	4826354	0.36	cps
Iron	57-2	115422	118082	117135	116880	1.15	cps
Krypton	83-1	127	157	190	158	20.08	cps
Lead	206-1	289	322	356	322	10.34	cps
Lead	207-1	283	294	306	294	3.77	cps
Lead	208-1	1172	1267	1306	1248	5.49	cps
Lithium	6-1	2360213	2379559	2365341	2368371	0.42	cps
Magnesium	24-2	362215	362138	360303	361552	0.30	cps

LB Number :	LB98243	Operator :	Jaswal
Lab Sample ID :	J5041-06DLX5	Instrumnet Name :	P7
Client Sample ID :	S13-0246DL	Dilution Factor :	5
Date & Time Acquired ::	2018-09-28 18:43:09	DataFile Name :	050SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	1317412	1324492	1328275	1323393	0.42	cps
Molybdenum	94-1	1325	1617	1175	1372	16.37	cps
Molybdenum	95-1	2175	2234	2042	2150	4.57	cps
Molybdenum	96-1	2167	2450	2475	2364	7.25	cps
Molybdenum	97-1	1208	1483	1108	1267	15.33	cps
Molybdenum	98-1	3309	3334	3234	3292	1.58	cps
Neodymium	150-1	27	47	40	38	26.95	cps
Neodymium	150-2	23	13	10	16	44.60	cps
Nickel	60-2	1907	1980	1890	1926	2.49	cps
Phosphorus	31-2	108	100	117	108	7.69	cps
Potassium	39-2	93645	93275	92680	93200	0.52	cps
Rhodium	103-1	4952215	4934141	4977614	4954657	0.44	cps
Rhodium	103-2	2366517	2381948	2387947	2378804	0.46	cps
Scandium	45-1	3699504	3697744	3643945	3680397	0.86	cps
Scandium	45-2	158012	160885	159474	159457	0.90	cps
Selenium	77-2	0	0	0	0	0.00	cps
Selenium	78-2	24	26	39	30	27.25	cps
Selenium	82-1	52	31	-17	22	161.41	cps
Silicon	28-1	13965339	13908268	13952129	13941912	0.21	cps
Silver	109-1	275	392	392	353	19.09	cps
Silver	107-1	433	300	392	375	18.19	cps
Sodium	23-2	7689747	7744990	7651458	7695398	0.61	cps
Strontium	86-1	174768	176403	176151	175774	0.50	cps
Strontium	88-1	1472749	1474778	1483458	1476995	0.39	cps
Sulfur	34-1	120114	119593	120240	119982	0.29	cps
Terbium	159-1	7487714	7521492	7594034	7534413	0.72	cps
Terbium	159-2	3779555	3783216	3753288	3772020	0.43	cps
Thallium	203-1	150	125	108	128	16.41	cps
Thallium	205-1	192	233	217	214	9.81	cps
Thorium	232-1	156	217	194	189	16.38	cps
Tin	118-1	1575	1467	1742	1595	8.69	cps
Titanium	47-1	258	308	208	258	19.36	cps
Uranium	238-1	208	192	175	192	8.69	cps
Vanadium	51-2	90	103	107	100	8.82	cps
Yttrium	89-1	5784377	5816422	5819122	5806640	0.33	cps
Yttrium	89-2	836003	845794	847987	843261	0.76	cps

LB Number :	LB98243	Operator :	Jaswal
Lab Sample ID :	J5041-06DLX5	Instrumnet Name :	P7
Client Sample ID :	S13-0246DL	Dilution Factor :	5
Date & Time Acquired ::	2018-09-28 18:43:09	DataFile Name :	050SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zinc	66-2	830	847	790	822	3.54	cps
Zirconium	90-1	708	675	558	647	12.17	cps
Zirconium	91-1	158	100	192	150	30.93	cps

LB Number :	LB98243	Operator :	Jaswal
Lab Sample ID :	J5041-07DLX25	Instrumnet Name :	P7
Client Sample ID :	S13-0250DL	Dilution Factor :	25
Date & Time Acquired ::	2018-09-28 18:46:44	DataFile Name :	051SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	117	50	50	72	53.30	cps
Antimony	121-1	567	533	392	497	18.69	cps
Arsenic	75-2	1056	1033	1146	1078	5.55	cps
Barium	135-1	3767	4076	4151	3998	5.08	cps
Barium	137-1	6744	7052	6844	6880	2.29	cps
Beryllium	9-1	89	83	83	85	3.76	cps
Bismuth	209-1	4734631	4748778	4726042	4736483	0.24	cps
Bismuth	209-2	2705435	2699370	2701303	2702036	0.11	cps
Boron	10-1	1750	1842	1717	1770	3.66	cps
Boron	11-1	7752	7661	8128	7847	3.15	cps
Cadmium	111-1	1143	1059	1268	1157	9.10	cps
Cadmium	106-1	1625	1483	1800	1636	9.70	cps
Cadmium	108-1	4	0	0	1	173.21	cps
Calcium	43-1	169796	169156	167193	168715	0.80	cps
Calcium	44-1	2642757	2640013	2635022	2639264	0.15	cps
Chromium	52-2	567	533	503	534	5.93	cps
Cobalt	59-2	2170	2174	2434	2259	6.69	cps
Copper	63-2	3300	3334	3340	3325	0.64	cps
Dysprosium	156-1	175	192	150	172	12.18	cps
Dysprosium	156-2	87	120	120	109	17.67	cps
Erbium	164-1	150	175	158	161	7.90	cps
Erbium	164-2	133	100	160	131	22.93	cps
Gadolinium	160-1	217	208	192	206	6.19	cps
Gadolinium	160-2	110	167	167	148	22.14	cps
Holmium	165-1	7380254	7392080	7386506	7386280	0.08	cps
Holmium	165-2	3864088	3882144	3864323	3870185	0.27	cps
Indium	115-1	5549253	5562621	5558947	5556940	0.12	cps
Indium	115-2	1091265	1103399	1110970	1101878	0.90	cps
Iron	56-2	1150591	1149669	1149202	1149821	0.06	cps
Iron	57-2	30171	29747	30182	30033	0.82	cps
Krypton	83-1	153	167	173	164	6.19	cps
Lead	206-1	156	183	194	178	11.27	cps
Lead	207-1	167	189	122	159	21.31	cps
Lead	208-1	644	717	722	694	6.25	cps
Lithium	6-1	2419356	2427401	2425383	2424047	0.17	cps
Magnesium	24-2	307425	308225	308906	308185	0.24	cps

LB Number :	LB98243	Operator :	Jaswal
Lab Sample ID :	J5041-07DLX25	Instrumnet Name :	P7
Client Sample ID :	S13-0250DL	Dilution Factor :	25
Date & Time Acquired ::	2018-09-28 18:46:44	DataFile Name :	051SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	1026042	1024667	1024394	1025034	0.09	cps
Molybdenum	94-1	150	308	217	225	35.33	cps
Molybdenum	95-1	167	100	192	153	31.01	cps
Molybdenum	96-1	217	200	142	186	21.16	cps
Molybdenum	97-1	108	75	133	106	27.73	cps
Molybdenum	98-1	133	83	175	131	35.15	cps
Neodymium	150-1	207	207	173	196	9.84	cps
Neodymium	150-2	77	70	63	70	9.53	cps
Nickel	60-2	737	830	810	792	6.20	cps
Phosphorus	31-2	67	75	25	56	48.22	cps
Potassium	39-2	32804	33789	33079	33224	1.53	cps
Rhodium	103-1	5169616	5181149	5152098	5167621	0.28	cps
Rhodium	103-2	2486558	2486582	2480395	2484512	0.14	cps
Scandium	45-1	3852212	3868738	3878891	3866614	0.35	cps
Scandium	45-2	169197	168775	170555	169509	0.55	cps
Selenium	77-2	0	3	0	1	173.21	cps
Selenium	78-2	20	44	33	33	36.83	cps
Selenium	82-1	42	27	4	24	76.88	cps
Silicon	28-1	2051771	2043433	2044018	2046407	0.23	cps
Silver	109-1	100	158	283	181	51.88	cps
Silver	107-1	200	267	183	217	20.35	cps
Sodium	23-2	2111013	2097094	2074226	2094111	0.89	cps
Strontium	86-1	94678	94427	94695	94600	0.16	cps
Strontium	88-1	813458	801931	810671	808687	0.74	cps
Sulfur	34-1	134882	135756	134695	135111	0.42	cps
Terbium	159-1	7687712	7675455	7675762	7679643	0.09	cps
Terbium	159-2	3878938	3881722	3885307	3881989	0.08	cps
Thallium	203-1	150	58	25	78	83.22	cps
Thallium	205-1	133	150	158	147	8.65	cps
Thorium	232-1	128	167	150	148	13.17	cps
Tin	118-1	867	850	792	836	4.71	cps
Titanium	47-1	100	75	125	100	25.00	cps
Uranium	238-1	425	475	458	453	5.62	cps
Vanadium	51-2	23	17	30	23	28.56	cps
Yttrium	89-1	6048151	6002498	6007461	6019370	0.42	cps
Yttrium	89-2	880353	883515	880151	881340	0.21	cps

LB Number :	LB98243	Operator :	Jaswal
Lab Sample ID :	J5041-07DLX25	Instrumnet Name :	P7
Client Sample ID :	S13-0250DL	Dilution Factor :	25
Date & Time Acquired ::	2018-09-28 18:46:44	DataFile Name :	051SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zinc	66-2	553	530	627	570	8.85	cps
Zirconium	90-1	575	617	633	608	4.94	cps
Zirconium	91-1	83	108	158	117	32.73	cps

LB Number :	LB98243	Operator :	Jaswal
Lab Sample ID :	J5041-08DLX5	Instrumnet Name :	P7
Client Sample ID :	S13-0249DL	Dilution Factor :	5
Date & Time Acquired ::	2018-09-28 18:50:18	DataFile Name :	052SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	317	308	267	297	9.01	cps
Antimony	121-1	3351	3059	3042	3150	5.51	cps
Arsenic	75-2	413	476	489	459	8.84	cps
Barium	135-1	20674	19256	20240	20057	3.62	cps
Barium	137-1	33817	34728	34819	34455	1.61	cps
Beryllium	9-1	78	117	94	96	20.26	cps
Bismuth	209-1	4510103	4532583	4514049	4518911	0.27	cps
Bismuth	209-2	2548720	2571765	2568634	2563040	0.49	cps
Boron	10-1	2184	2000	2192	2125	5.10	cps
Boron	11-1	9220	9445	9245	9303	1.33	cps
Cadmium	111-1	1272	1301	1041	1204	11.84	cps
Cadmium	106-1	1800	1817	1433	1683	12.87	cps
Cadmium	108-1	13	13	13	13	0.00	cps
Calcium	43-1	626487	624458	626579	625842	0.19	cps
Calcium	44-1	10041160	10012547	9943775	9999161	0.50	cps
Chromium	52-2	797	867	813	826	4.43	cps
Cobalt	59-2	1413	1357	1317	1362	3.57	cps
Copper	63-2	3881	3911	4034	3942	2.06	cps
Dysprosium	156-1	17	17	8	14	34.67	cps
Dysprosium	156-2	0	0	17	6	173.21	cps
Erbium	164-1	25	50	33	36	35.25	cps
Erbium	164-2	23	13	3	13	75.02	cps
Gadolinium	160-1	33	50	42	42	20.00	cps
Gadolinium	160-2	90	77	87	84	8.22	cps
Holmium	165-1	7204864	7125302	7195805	7175324	0.61	cps
Holmium	165-2	3720763	3712397	3743884	3725681	0.44	cps
Indium	115-1	5316942	5312112	5316031	5315028	0.05	cps
Indium	115-2	1031696	1039783	1043165	1038215	0.57	cps
Iron	56-2	4159807	4153274	4188630	4167237	0.45	cps
Iron	57-2	102377	101533	101963	101957	0.41	cps
Krypton	83-1	240	163	180	194	20.74	cps
Lead	206-1	1172	939	1000	1037	11.67	cps
Lead	207-1	989	1000	856	948	8.48	cps
Lead	208-1	4606	4495	4200	4434	4.73	cps
Lithium	6-1	2383027	2381819	2375724	2380190	0.16	cps
Magnesium	24-2	2149259	2161320	2149798	2153459	0.32	cps

LB Number :	LB98243	Operator :	Jaswal
Lab Sample ID :	J5041-08DLX5	Instrumnet Name :	P7
Client Sample ID :	S13-0249DL	Dilution Factor :	5
Date & Time Acquired ::	2018-09-28 18:50:18	DataFile Name :	052SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	170175	171236	173850	171753	1.10	cps
Molybdenum	94-1	425	500	383	436	13.56	cps
Molybdenum	95-1	233	250	317	267	16.54	cps
Molybdenum	96-1	450	450	400	433	6.66	cps
Molybdenum	97-1	225	183	192	200	11.02	cps
Molybdenum	98-1	342	433	400	392	11.85	cps
Neodymium	150-1	13	20	7	13	49.99	cps
Neodymium	150-2	0	3	0	1	173.21	cps
Nickel	60-2	2574	2694	2744	2670	3.27	cps
Phosphorus	31-2	108	50	125	94	41.70	cps
Potassium	39-2	189048	188219	190034	189100	0.48	cps
Rhodium	103-1	4891986	4896707	4855975	4881556	0.46	cps
Rhodium	103-2	2315126	2325749	2318090	2319655	0.24	cps
Scandium	45-1	3695699	3674179	3654636	3674838	0.56	cps
Scandium	45-2	154377	156991	157197	156188	1.01	cps
Selenium	77-2	3	0	7	3	100.05	cps
Selenium	78-2	13	26	17	19	36.07	cps
Selenium	82-1	-65	38	4	-8	-686.24	cps
Silicon	28-1	6222357	6126388	6120604	6156450	0.93	cps
Silver	109-1	358	458	283	367	23.94	cps
Silver	107-1	300	425	475	400	22.54	cps
Sodium	23-2	4548457	4551294	4559380	4553044	0.12	cps
Strontium	86-1	444226	440880	444223	443109	0.44	cps
Strontium	88-1	3882036	3820228	3850547	3850937	0.80	cps
Sulfur	34-1	203444	201628	202785	202619	0.45	cps
Terbium	159-1	7469279	7511514	7438189	7472994	0.49	cps
Terbium	159-2	3695886	3732622	3713580	3714029	0.49	cps
Thallium	203-1	192	225	317	244	26.48	cps
Thallium	205-1	708	558	508	592	17.59	cps
Thorium	232-1	222	239	189	217	11.75	cps
Tin	118-1	1200	1533	1417	1383	12.23	cps
Titanium	47-1	250	208	233	231	9.10	cps
Uranium	238-1	9304	9537	9879	9573	3.02	cps
Vanadium	51-2	240	213	243	232	7.08	cps
Yttrium	89-1	5790127	5732761	5760797	5761228	0.50	cps
Yttrium	89-2	820045	828418	819939	822800	0.59	cps

LB Number :	LB98243	Operator :	Jaswal
Lab Sample ID :	J5041-08DLX5	Instrumnet Name :	P7
Client Sample ID :	S13-0249DL	Dilution Factor :	5
Date & Time Acquired ::	2018-09-28 18:50:18	DataFile Name :	052SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zinc	66-2	857	847	843	849	0.82	cps
Zirconium	90-1	767	783	825	792	3.79	cps
Zirconium	91-1	175	208	117	167	27.84	cps

LB Number :	LB98243	Operator :	Jaswal
Lab Sample ID :	CCV16	Instrumnet Name :	P7
Client Sample ID :	CCV16	Dilution Factor :	1
Date & Time Acquired ::	2018-09-28 18:53:52	DataFile Name :	053CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	3749748	3765246	3817995	3777663	0.95	cps
Antimony	121-1	2608248	2617173	2648195	2624539	0.80	cps
Arsenic	75-2	92652	94141	94508	93767	1.05	cps
Barium	135-1	3756587	3725370	3789466	3757141	0.85	cps
Barium	137-1	6497756	6455430	6528375	6493854	0.56	cps
Beryllium	9-1	882361	891610	894247	889406	0.70	cps
Bismuth	209-1	4032335	3985063	3997769	4005055	0.61	cps
Bismuth	209-2	2249682	2251619	2259059	2253453	0.22	cps
Boron	10-1	141676	143332	147925	144311	2.24	cps
Boron	11-1	627014	640824	659414	642417	2.53	cps
Cadmium	111-1	685489	689546	694110	689715	0.63	cps
Cadmium	106-1	75426	76875	77714	76672	1.51	cps
Cadmium	108-1	51318	53061	52279	52220	1.67	cps
Calcium	43-1	5114671	5031634	5109025	5085110	0.91	cps
Calcium	44-1	81050806	80087668	80865033	80667836	0.63	cps
Chromium	52-2	998431	1008544	1019229	1008735	1.03	cps
Cobalt	59-2	1392318	1419763	1434512	1415531	1.51	cps
Copper	63-2	1761255	1792157	1813349	1788920	1.46	cps
Dysprosium	156-1	50	125	67	81	48.89	cps
Dysprosium	156-2	100	77	90	89	13.17	cps
Erbium	164-1	17	42	33	31	41.66	cps
Erbium	164-2	13	10	23	16	44.60	cps
Gadolinium	160-1	75	67	50	64	19.92	cps
Gadolinium	160-2	90	83	107	93	12.88	cps
Holmium	165-1	7073740	6930004	6958891	6987545	1.09	cps
Holmium	165-2	3617922	3656777	3640820	3638506	0.54	cps
Indium	115-1	4868151	4775580	4840512	4828081	0.98	cps
Indium	115-2	987182	1002809	1002850	997614	0.91	cps
Iron	56-2	201918782	201901571	202967255	202262536	0.30	cps
Iron	57-2	4855703	4895347	4918613	4889888	0.65	cps
Krypton	83-1	190	173	140	168	15.17	cps
Lead	206-1	2428018	2420202	2441141	2429787	0.44	cps
Lead	207-1	2226091	2225687	2220259	2224012	0.15	cps
Lead	208-1	9930217	9910542	9892495	9911085	0.19	cps
Lithium	6-1	2297167	2277763	2285200	2286710	0.43	cps
Magnesium	24-2	40199795	40358309	40735833	40431312	0.68	cps

LB Number :	LB98243	Operator :	Jaswal
Lab Sample ID :	CCV16	Instrumnet Name :	P7
Client Sample ID :	CCV16	Dilution Factor :	1
Date & Time Acquired ::	2018-09-28 18:53:52	DataFile Name :	053CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	1167577	1184793	1188911	1180427	0.96	cps
Molybdenum	94-1	6498770	6476404	6441426	6472200	0.45	cps
Molybdenum	95-1	7846009	7821133	7804950	7824031	0.26	cps
Molybdenum	96-1	8635120	8632899	8649372	8639130	0.10	cps
Molybdenum	97-1	4930457	4936126	4940195	4935593	0.10	cps
Molybdenum	98-1	12378341	12430068	12314810	12374406	0.47	cps
Neodymium	150-1	320	260	200	260	23.08	cps
Neodymium	150-2	47	20	33	33	40.01	cps
Nickel	60-2	363662	368035	371465	367721	1.06	cps
Phosphorus	31-2	37130	37581	37907	37540	1.04	cps
Potassium	39-2	18346235	18363829	18509329	18406464	0.49	cps
Rhodium	103-1	4307841	4264630	4246730	4273067	0.74	cps
Rhodium	103-2	2012601	2035607	2036693	2028301	0.67	cps
Scandium	45-1	3611434	3549477	3611977	3590962	1.00	cps
Scandium	45-2	164659	165121	165300	165027	0.20	cps
Selenium	77-2	2430	2514	2667	2537	4.73	cps
Selenium	78-2	8236	8655	8586	8492	2.64	cps
Selenium	82-1	51945	51927	53239	52371	1.44	cps
Silicon	28-1	2579433	2633874	2678665	2630657	1.89	cps
Silver	109-1	3347527	3356419	3356856	3353601	0.16	cps
Silver	107-1	3542222	3512213	3509578	3521338	0.51	cps
Sodium	23-2	79015550	79647468	80604314	79755777	1.00	cps
Strontium	86-1	994307	997943	996822	996358	0.19	cps
Strontium	88-1	8716129	8673341	8697691	8695720	0.25	cps
Sulfur	34-1	485343	483808	492498	487216	0.95	cps
Terbium	159-1	7311633	7178425	7254717	7248259	0.92	cps
Terbium	159-2	3613120	3644655	3631540	3629772	0.44	cps
Thallium	203-1	3031062	2998274	3034470	3021269	0.66	cps
Thallium	205-1	7100160	7066565	7114314	7093680	0.35	cps
Thorium	232-1	11679746	11639077	11626744	11648523	0.24	cps
Tin	118-1	2463252	2461477	2483788	2469506	0.50	cps
Titanium	47-1	2339871	2333981	2356284	2343378	0.49	cps
Uranium	238-1	11107903	10963554	11017842	11029766	0.66	cps
Vanadium	51-2	807578	811871	823476	814309	1.01	cps
Yttrium	89-1	5536994	5448462	5498535	5494664	0.81	cps
Yttrium	89-2	822888	834932	839067	832296	1.01	cps

LB Number :	LB98243	Operator :	Jaswal
Lab Sample ID :	CCV16	Instrumnet Name :	P7
Client Sample ID :	CCV16	Dilution Factor :	1
Date & Time Acquired ::	2018-09-28 18:53:52	DataFile Name :	053CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zinc	66-2	264814	269511	272740	269022	1.48	cps
Zirconium	90-1	5450930	5474159	5450393	5458494	0.25	cps
Zirconium	91-1	1176702	1181011	1182785	1180166	0.27	cps

LB Number : LB98243 Operator : Jaswal
 Lab Sample ID : CCB16 Instrumnet Name : P7
 Client Sample ID : CCB16 Dilution Factor : 1
 Date & Time Acquired :: 2018-09-28 18:57:32 DataFile Name : 054CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	258	208	158	208	24.00	cps
Antimony	121-1	1108	1333	1350	1264	10.68	cps
Arsenic	75-2	19	9	7	12	50.75	cps
Barium	135-1	208	225	150	194	20.25	cps
Barium	137-1	433	392	283	369	20.96	cps
Beryllium	9-1	222	228	156	202	19.91	cps
Bismuth	209-1	4679396	4728565	4700565	4702842	0.52	cps
Bismuth	209-2	2732081	2715448	2727100	2724876	0.31	cps
Boron	10-1	7694	7419	6935	7349	5.23	cps
Boron	11-1	36428	33204	29980	33204	9.71	cps
Cadmium	111-1	1297	1311	1210	1272	4.28	cps
Cadmium	106-1	1634	1742	1600	1659	4.47	cps
Cadmium	108-1	25	13	8	15	56.79	cps
Calcium	43-1	458	417	342	406	14.58	cps
Calcium	44-1	9112	8995	7894	8667	7.75	cps
Chromium	52-2	363	390	403	386	5.28	cps
Cobalt	59-2	63	73	77	71	9.76	cps
Copper	63-2	3234	3174	3117	3175	1.84	cps
Dysprosium	156-1	0	25	0	8	173.21	cps
Dysprosium	156-2	0	3	0	1	173.21	cps
Erbium	164-1	0	50	42	31	87.67	cps
Erbium	164-2	23	17	10	17	39.99	cps
Gadolinium	160-1	58	42	17	39	53.93	cps
Gadolinium	160-2	63	123	103	97	31.61	cps
Holmium	165-1	7314122	7344125	7259290	7305846	0.59	cps
Holmium	165-2	3899897	3870106	3893367	3887790	0.40	cps
Indium	115-1	5507614	5517162	5532752	5519176	0.23	cps
Indium	115-2	1102226	1114540	1114522	1110429	0.64	cps
Iron	56-2	9687	9331	9125	9381	3.03	cps
Iron	57-2	200	283	211	231	19.55	cps
Krypton	83-1	147	160	177	161	9.33	cps
Lead	206-1	350	372	294	339	11.82	cps
Lead	207-1	278	328	272	293	10.46	cps
Lead	208-1	1545	1528	1356	1476	7.09	cps
Lithium	6-1	2548877	2555683	2563873	2556144	0.29	cps
Magnesium	24-2	1725	1458	1350	1511	12.77	cps

LB Number :	LB98243	Operator :	Jaswal
Lab Sample ID :	CCB16	Instrumnet Name :	P7
Client Sample ID :	CCB16	Dilution Factor :	1
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Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	130	120	130	127	4.56	cps
Molybdenum	94-1	1225	817	808	950	25.07	cps
Molybdenum	95-1	1300	1108	983	1131	14.11	cps
Molybdenum	96-1	1567	1317	1058	1314	19.35	cps
Molybdenum	97-1	1142	658	608	803	36.69	cps
Molybdenum	98-1	2050	1834	1492	1792	15.71	cps
Neodymium	150-1	0	0	7	2	173.21	cps
Neodymium	150-2	0	0	0	0	0.00	cps
Nickel	60-2	27	40	27	31	24.74	cps
Phosphorus	31-2	67	92	67	75	19.24	cps
Potassium	39-2	9120	8886	9862	9289	5.48	cps
Rhodium	103-1	5154321	5156485	5132764	5147857	0.25	cps
Rhodium	103-2	2513701	2513720	2508407	2511943	0.12	cps
Scandium	45-1	3860877	3918875	3914141	3897964	0.83	cps
Scandium	45-2	173195	173981	174999	174058	0.52	cps
Selenium	77-2	0	0	0	0	0.00	cps
Selenium	78-2	35	26	30	30	15.41	cps
Selenium	82-1	61	29	13	34	70.16	cps
Silicon	28-1	149910	147689	146241	147947	1.25	cps
Silver	109-1	500	525	492	506	3.43	cps
Silver	107-1	592	633	500	575	11.86	cps
Sodium	23-2	16284	16076	15292	15884	3.30	cps
Strontium	86-1	383	433	417	411	6.19	cps
Strontium	88-1	883	692	858	811	12.85	cps
Sulfur	34-1	130256	131668	131660	131195	0.62	cps
Terbium	159-1	7629754	7676180	7623396	7643110	0.38	cps
Terbium	159-2	3884566	3888045	3897715	3890109	0.18	cps
Thallium	203-1	708	683	883	758	14.37	cps
Thallium	205-1	1800	1809	1750	1786	1.77	cps
Thorium	232-1	2923	2706	2167	2598	14.98	cps
Tin	118-1	1292	1133	1292	1239	7.38	cps
Titanium	47-1	200	142	167	169	17.27	cps
Uranium	238-1	833	592	533	653	24.37	cps
Vanadium	51-2	33	37	33	34	5.60	cps
Yttrium	89-1	5962819	5988577	5990426	5980607	0.26	cps
Yttrium	89-2	886622	887454	891674	888583	0.30	cps

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Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zinc	66-2	377	360	333	357	6.13	cps
Zirconium	90-1	1100	967	1208	1092	11.09	cps
Zirconium	91-1	258	200	200	219	15.35	cps