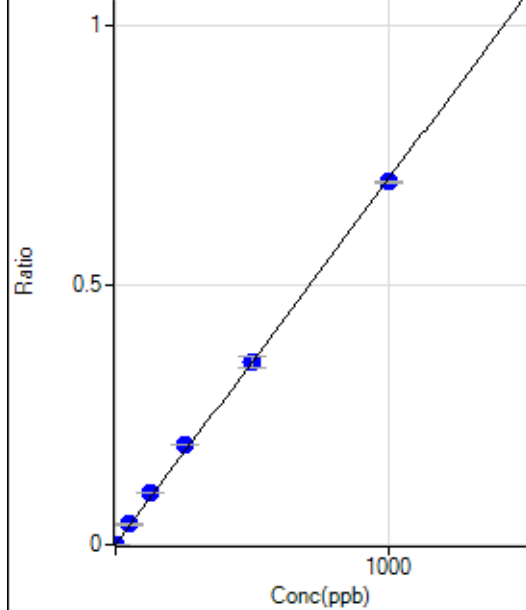


Batch Folder: D:\ICP-MS Data\P7100118MS.b\
Analysis File: P7100118MS.batch.bin
DA Date-Time: 2018-10-01 14:27:06
Calibration Title:
Calibration Method: External Calibration
VIS Interpolation Fit:

Level	Standard Data File	Sample Name	Acq. Date-Time
1	003CALB.d	S00	2018-10-01 10:22:00
2			
3	005CALS.d	S02	2018-10-01 10:30:10
4	006CALS.d	S03	2018-10-01 10:34:05
5	007CALS.d	S04	2018-10-01 10:38:18
6	008CALS.d	S05	2018-10-01 10:42:09
7	009CALS.d	S06	2018-10-01 10:45:57
8	010CALS.d	S07	2018-10-01 10:49:43
9	011CALS.d	S08	2018-10-01 10:53:30

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

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	14.82	0.0000	P	78.4
2	☐	0.100					
3	☐	1.000	1.090	2228.00	0.0008	P	4.7
4	☐	50.000	55.581	111955.81	0.0392	P	2.1
5	☐	125.000	139.803	266044.41	0.0985	P	0.3
6	☐	250.000	274.066	498767.27	0.1931	P	1.0
7	☐	500.000	499.411	922457.13	0.3519	P	6.4
8	☐	1000.000	992.149	1769097.07	0.6991	P	0.6
9	☐			511.13	0.0002	P	7.4

$$y = 7.0466\text{E-}004 * x + 5.1210\text{E-}006$$

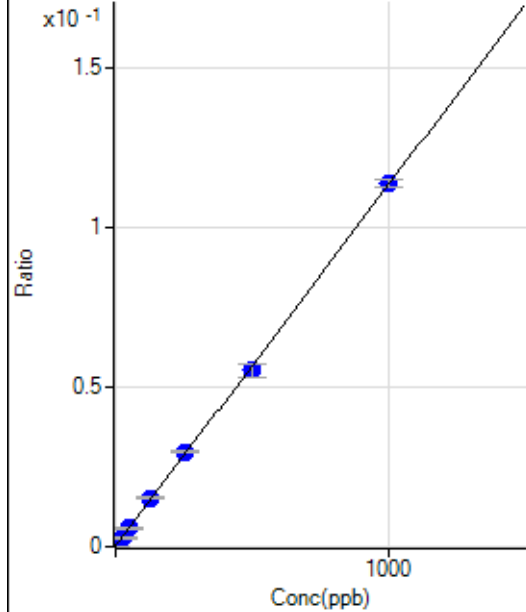
$$R = 0.9996$$

$$DL = 0.01708$$

$$BEC = 0.007267$$

Weight: <None>

Min Conc: 0

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

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	361.13	0.0001	P	1.2
2	☐	2.500					
3	☐	25.000	23.372	7991.30	0.0028	P	4.5
4	☐	50.000	49.552	16415.05	0.0057	P	3.5
5	☐	125.000	132.264	40819.98	0.0151	P	4.3
6	☐	250.000	259.951	76429.29	0.0296	P	1.9
7	☐	500.000	487.835	145209.96	0.0554	P	7.7
8	☐	1000.000	1002.750	287982.11	0.1138	P	2.0
9	☐			18261.69	0.0072	P	10.0

$$y = 1.1336\text{E-}004 * x + 1.2462\text{E-}004$$

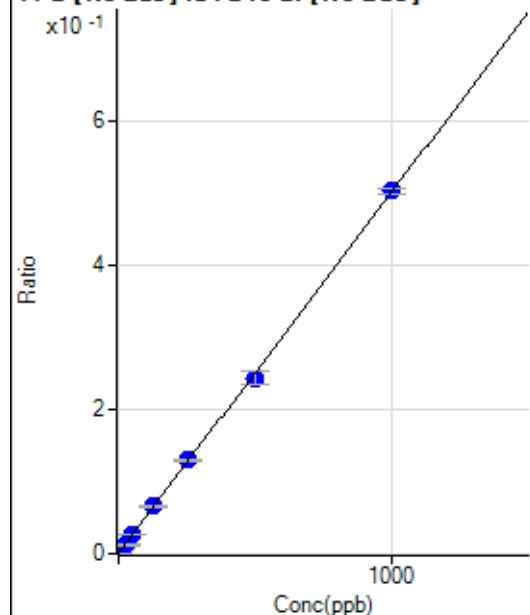
$$R = 0.9998$$

$$DL = 0.03802$$

$$BEC = 1.099$$

Weight: <None>

Min Conc: 0

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	1330.67	0.0005	P	14.6
2	☐	2.500					
3	☐	25.000	23.067	34512.58	0.0120	P	2.3
4	☐	50.000	51.494	74835.81	0.0262	P	2.1
5	☐	125.000	130.591	177382.27	0.0657	P	1.8
6	☐	250.000	259.100	335418.43	0.1299	P	2.5
7	☐	500.000	485.138	636047.94	0.2428	P	7.8
8	☐	1000.000	1004.431	1270783.74	0.5022	P	1.8
9	☐			80666.08	0.0317	P	10.1

$$y = 4.9951\text{E-}004 * x + 4.5932\text{E-}004$$

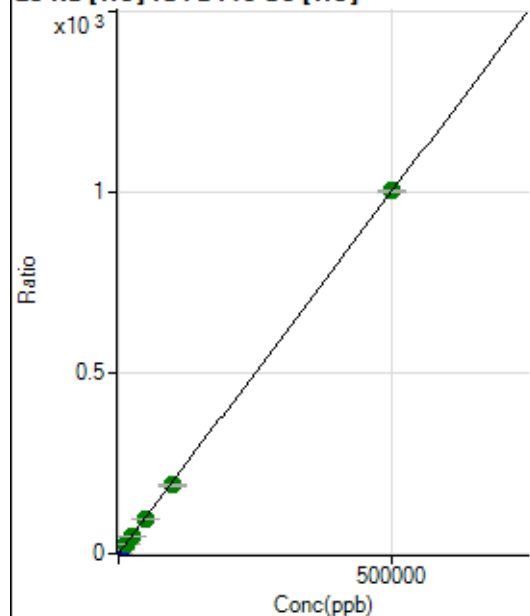
$$R = 0.9998$$

$$DL = 0.4026$$

$$BEC = 0.9196$$

Weight: <None>

Min Conc: 0

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	4489.73	0.0279	P	6.1
2	☐	50.000					
3	☐	500.000	475.175	162093.15	0.9803	P	2.5
4	☐	5000.000	4984.766	1556208.02	10.0199	P	0.7
5	☐	12500.000	12419.478	3625653.25	24.9228	A	0.2
6	☐	25000.000	24634.851	6983693.04	49.4086	A	0.6
7	☐	50000.000	47836.546	13703916.45	95.9166	A	0.3
8	☐	100000.00	94477.942	28387952.37	189.4096	A	0.5
9	☐	500000.00	501341.20	160523288.3	1,004.970	A	0.5

$$y = 0.0020 * x + 0.0279$$

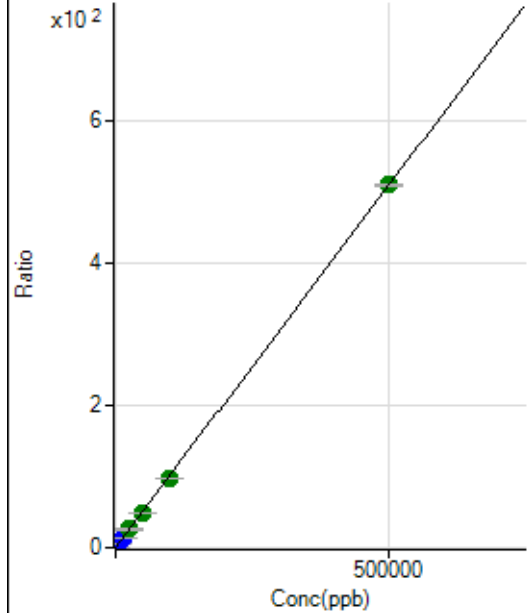
$$R = 0.9999$$

$$DL = 2.54$$

$$BEC = 13.89$$

Weight: <None>

Min Conc: 0

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

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	86.11	0.0005	P	31.8
2	☐	50.000					
3	☐	500.000	483.414	81524.44	0.4930	P	1.3
4	☐	5000.000	5163.484	817066.76	5.2610	P	1.3
5	☐	12500.000	12666.977	1877417.81	12.9053	P	0.3
6	☐	25000.000	25253.277	3636564.93	25.7280	A	0.3
7	☐	50000.000	48845.374	7109773.51	49.7630	A	0.5
8	☐	100000.00	95464.440	14576049.46	97.2574	A	0.9
9	☐	500000.00	501004.11	81530928.21	510.4114	A	0.2

$$y = 0.0010 * x + 5.3480E-004$$

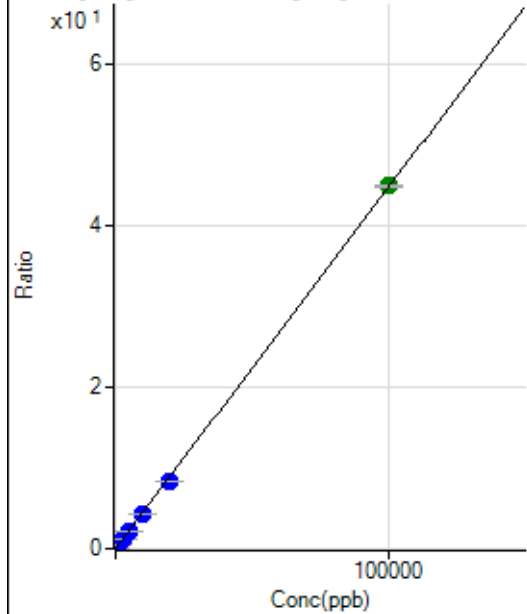
$$R = 1.0000$$

$$DL = 0.5005$$

$$BEC = 0.5249$$

Weight: <None>

Min Conc: 0

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

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	69.45	0.0004	P	36.2
2	☐	2.000					
3	☐	20.000	18.876	1466.80	0.0089	P	7.8
4	☐	1000.000	1016.720	70656.07	0.4549	P	0.5
5	☐	2500.000	2510.060	163289.19	1.1224	P	0.4
6	☐	5000.000	4938.381	312083.67	2.2079	P	0.2
7	☐	10000.000	9554.342	610256.17	4.2713	P	0.4
8	☐	20000.000	18421.663	1234250.48	8.2350	P	0.3
9	☐	100000.00	100362.89	7166487.49	44.8633	A	0.3

$$y = 4.4701E-004 * x + 4.3028E-004$$

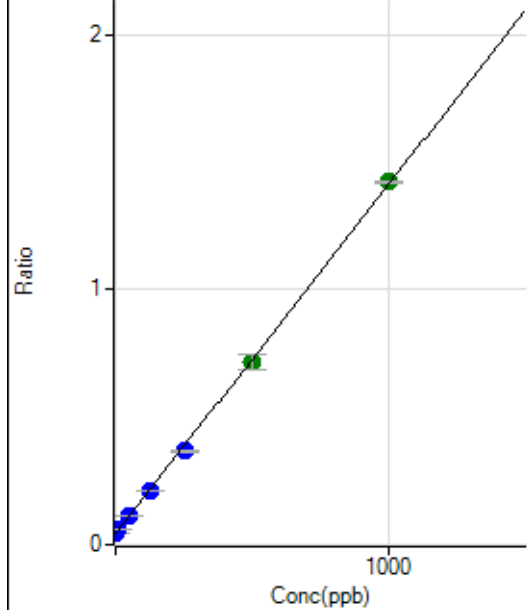
$$R = 0.9999$$

$$DL = 1.046$$

$$BEC = 0.9626$$

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	160490.53	0.0428	P	1.4
2	☐	1.000					
3	☐	10.000	13.455	228966.24	0.0612	P	0.5
4	☐	50.000	49.543	403010.42	0.1106	P	1.2
5	☐	125.000	122.467	714154.89	0.2105	P	0.6
6	☐	250.000	236.109	1195405.97	0.3661	P	0.3
7	☐	500.000	491.554	2445683.04	0.7159	A	8.5
8	☐	1000.000	1008.001	4733553.88	1.4232	A	0.3
9	☐			318265.38	0.0939	P	0.3

$$y = 0.0014 * x + 0.0428$$

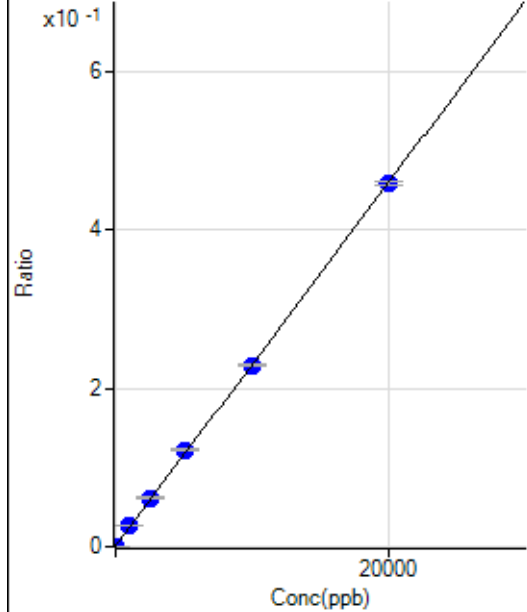
$$R = 0.9998$$

$$DL = 1.308$$

$$BEC = 31.22$$

Weight: <None>

Min Conc: 0

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

	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	-4.070	97.23	0.0006	P	17.1
2	☐	0.000					
3	☐	0.000	4.070	130.56	0.0008	P	19.0
4	☐	1000.000	1118.154	4089.63	0.0263	P	4.5
5	☐	2500.000	2654.245	8953.04	0.0615	P	2.4
6	☐	5000.000	5278.868	17202.24	0.1217	P	2.1
7	☐	10000.000	9950.642	32689.68	0.2288	P	0.7
8	☐	20000.000	19929.774	68574.71	0.4576	P	1.0
9	☐			202.79	0.0013	P	22.6

$$y = 2.2924E-005 * x + 6.9582E-004$$

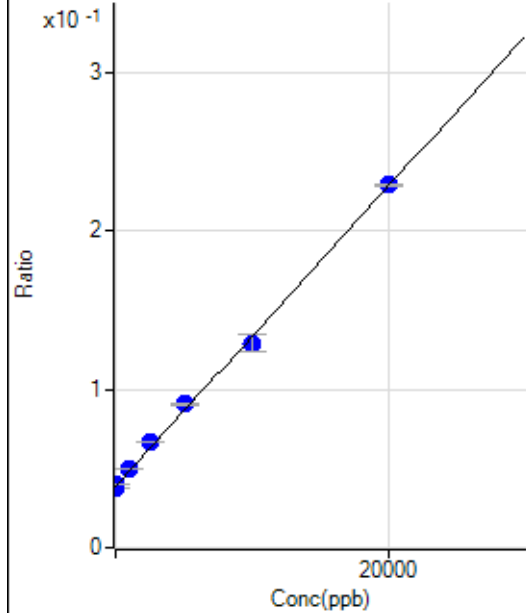
$$R = 0.9999$$

$$DL = 16.58$$

$$BEC = 30.35$$

Weight: <None>

Min Conc: 0

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

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	-129.314	140638.03	0.0375	P	0.4
2	☐	0.000					
3	☐	0.000	129.314	149402.92	0.0399	P	0.7
4	☐	1000.000	1148.864	180766.65	0.0496	P	0.6
5	☐	2500.000	2930.412	225753.32	0.0665	P	0.2
6	☐	5000.000	5458.096	295644.79	0.0905	P	1.2
7	☐	10000.000	9522.671	441307.14	0.1292	P	8.1
8	☐	20000.000	20062.896	762606.99	0.2293	P	0.3
9	☐			125315.86	0.0370	P	2.7

$$y = 9.5001\text{E-}006 * x + 0.0387$$

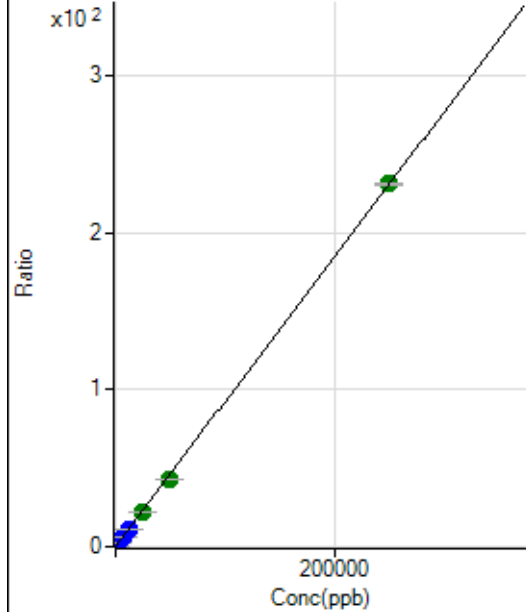
$$R = 0.9991$$

$$DL = 69.05$$

$$BEC = 4073$$

Weight: <None>

Min Conc: 0

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

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	6907.43	0.0428	P	3.8
2	☐	50.000					
3	☐	500.000	480.607	80353.63	0.4859	P	0.5
4	☐	2500.000	2493.033	363635.79	2.3414	P	1.1
5	☐	6250.000	6180.250	835157.26	5.7409	P	0.4
6	☐	12500.000	11985.561	1568015.90	11.0933	P	0.5
7	☐	25000.000	23554.049	3108801.63	21.7592	A	0.5
8	☐	50000.000	46436.469	6423150.36	42.8564	A	0.6
9	☐	250000.00	250884.87	36954736.94	231.3540	A	0.3

$$y = 9.2198\text{E-}004 * x + 0.0428$$

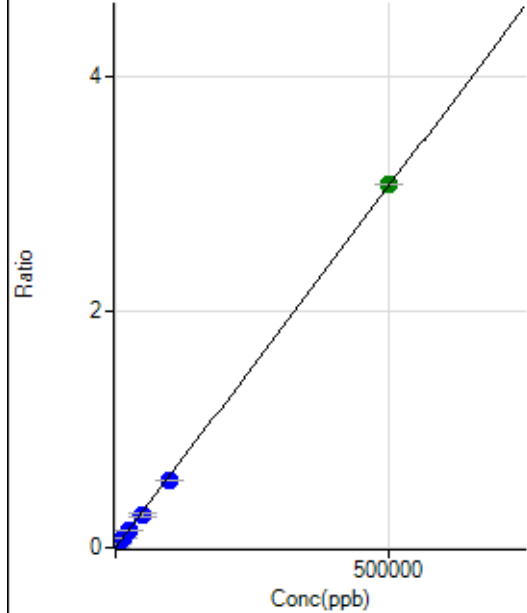
$$R = 0.9999$$

$$DL = 5.33$$

$$BEC = 46.46$$

Weight: <None>

Min Conc: 0

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

	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	133.34	0.0000	P	0.4
2	☐	50.000					
3	☐	500.000	469.669	10896.14	0.0029	P	2.7
4	☐	5000.000	4890.482	109257.27	0.0300	P	0.5
5	☐	12500.000	12538.857	260663.16	0.0768	P	0.5
6	☐	25000.000	24572.418	491447.78	0.1505	P	0.6
7	☐	50000.000	45232.138	946438.37	0.2770	P	8.3
8	☐	100000.00	92401.572	1882071.14	0.5659	P	0.4
9	☐	500000.00	502018.00	10417968.98	3.0743	A	0.1

$$y = 6.1239\text{E-}006 * x + 3.5523\text{E-}005$$

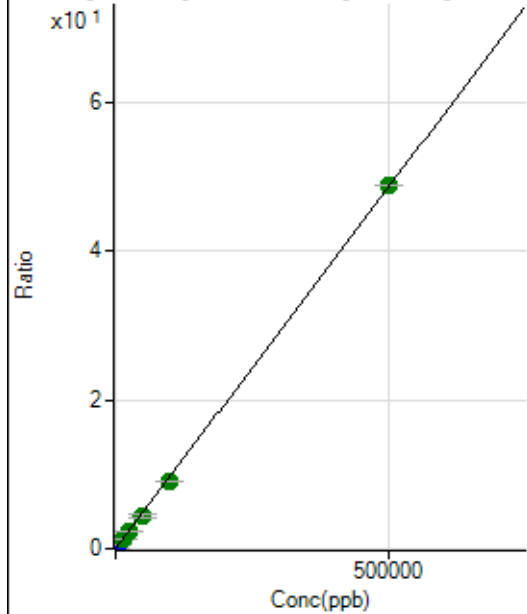
$$R = 0.9998$$

$$DL = 0.06477$$

$$BEC = 5.801$$

Weight: <None>

Min Conc: 0

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

	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	4375.93	0.0012	P	5.2
2	☐	50.000					
3	☐	500.000	468.984	174864.17	0.0467	P	1.0
4	☐	5000.000	4854.951	1722867.79	0.4728	P	0.5
5	☐	12500.000	12165.677	4014159.51	1.1831	A	0.2
6	☐	25000.000	24145.159	7662910.07	2.3469	A	0.1
7	☐	50000.000	45184.530	15000616.48	4.3909	A	8.3
8	☐	100000.00	93819.756	30317384.71	9.1158	A	0.6
9	☐	500000.00	501770.17	165192009.2	48.7483	A	0.1

$$y = 9.7150\text{E-}005 * x + 0.0012$$

$$R = 0.9999$$

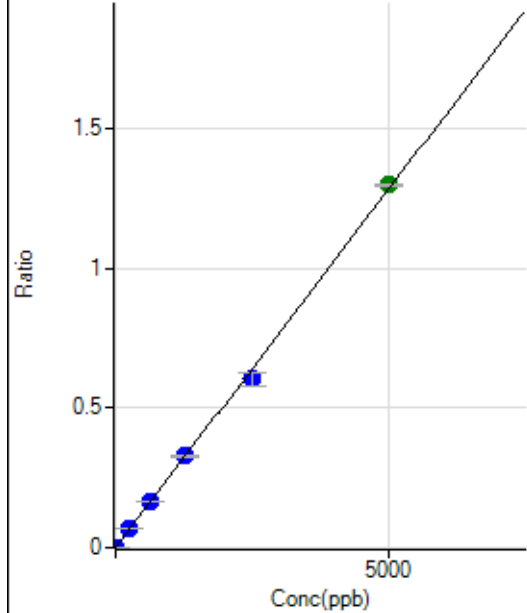
$$DL = 1.859$$

$$BEC = 12$$

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	38.89	0.0000	P	32.5
2	☐	0.500					
3	☐	5.000	5.041	4873.21	0.0013	P	5.8
4	☐	250.000	258.364	241282.02	0.0662	P	1.0
5	☐	625.000	654.420	569044.21	0.1677	P	0.5
6	☐	1250.000	1280.758	1071661.35	0.3282	P	1.2
7	☐	2500.000	2350.355	2057745.97	0.6023	P	8.3
8	☐	5000.000	5063.037	4315160.38	1.2975	A	0.6
9	☐			2080.95	0.0006	P	11.6

$$y = 2.5626\text{E-}004 * x + 1.0354\text{E-}005$$

$$R = 0.9993$$

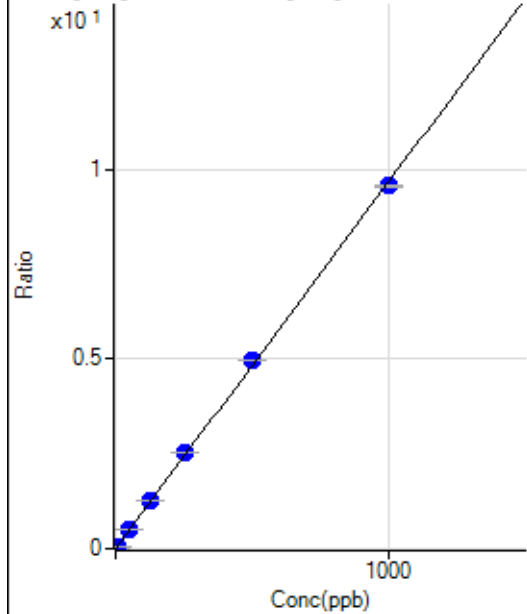
$$DL = 0.03935$$

$$BEC = 0.0404$$

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	4.45	0.0000	P	86.6
2	☐	0.500					
3	☐	5.000	4.969	7954.48	0.0481	P	2.6
4	☐	50.000	53.357	80180.73	0.5163	P	1.7
5	☐	125.000	132.851	186996.89	1.2854	P	0.1
6	☐	250.000	263.597	360496.31	2.5504	P	0.2
7	☐	500.000	511.911	707652.13	4.9530	P	0.2
8	☐	1000.000	989.496	1434902.67	9.5738	P	0.4
9	☐			1097.84	0.0069	P	6.8

$$y = 0.0097 * x + 2.7550\text{E-}005$$

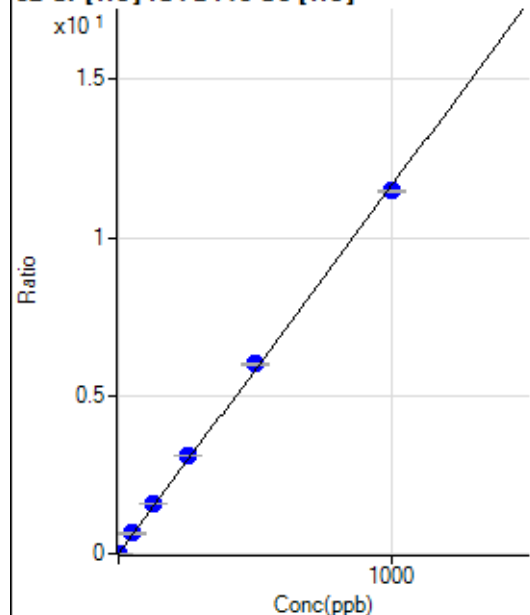
$$R = 0.9998$$

$$DL = 0.007398$$

$$BEC = 0.002847$$

Weight: <None>

Min Conc: 0

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

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	342.23	0.0021	P	2.5
2	☐	0.200					
3	☐	2.000	2.223	4627.46	0.0280	P	2.5
4	☐	50.000	54.733	99215.19	0.6388	P	0.7
5	☐	125.000	135.268	229216.68	1.5756	P	0.5
6	☐	250.000	265.561	436949.46	3.0913	P	0.4
7	☐	500.000	516.290	858383.39	6.0079	P	0.6
8	☐	1000.000	986.444	1720139.39	11.4770	P	0.7
9	☐			88753.91	0.5556	P	0.4

$$y = 0.0116 * x + 0.0021$$

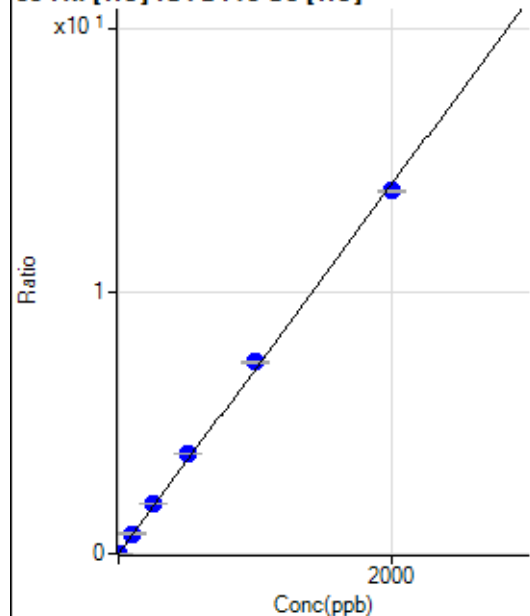
$$R = 0.9996$$

$$DL = 0.01393$$

$$BEC = 0.1825$$

Weight: <None>

Min Conc: 0

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

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	23.34	0.0001	P	24.6
2	☐	0.100					
3	☐	1.000	1.101	1303.41	0.0079	P	4.4
4	☐	100.000	109.266	119332.17	0.7684	P	1.2
5	☐	250.000	273.860	280120.61	1.9256	P	0.7
6	☐	500.000	539.856	536508.88	3.7957	P	0.3
7	☐	1000.000	1039.956	1044668.48	7.3117	P	0.6
8	☐	2000.000	1966.612	2072371.20	13.8268	P	0.4
9	☐			15134.62	0.0948	P	1.8

$$y = 0.0070 * x + 1.4469E-004$$

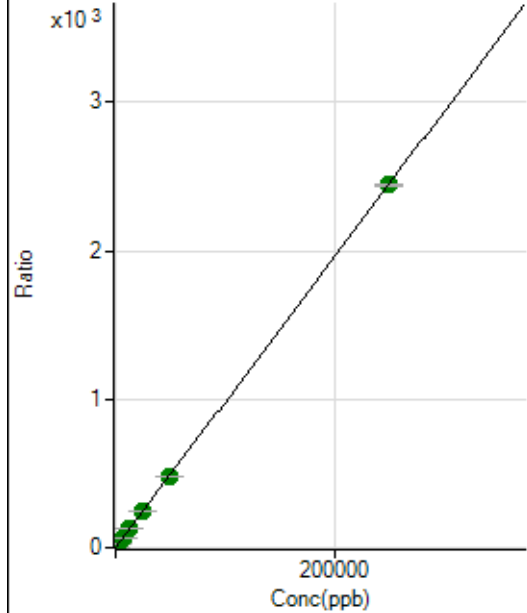
$$R = 0.9994$$

$$DL = 0.01519$$

$$BEC = 0.02058$$

Weight: <None>

Min Conc: 0

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	2090.95	0.0130	P	2.7
2	☐	5.000					
3	☐	50.000	52.130	86426.83	0.5227	P	1.1
4	☐	2500.000	2698.967	4100522.34	26.4023	A	1.0
5	☐	6250.000	6694.754	9524481.00	65.4715	A	0.3
6	☐	12500.000	13262.703	18331208.51	129.6902	A	0.4
7	☐	25000.000	25704.235	35909480.43	251.3383	A	0.3
8	☐	50000.000	49493.123	72530573.84	483.9361	A	0.5
9	☐	250000.00	249979.70	390400519.8	2,444.210	A	0.8

$$y = 0.0098 * x + 0.0130$$

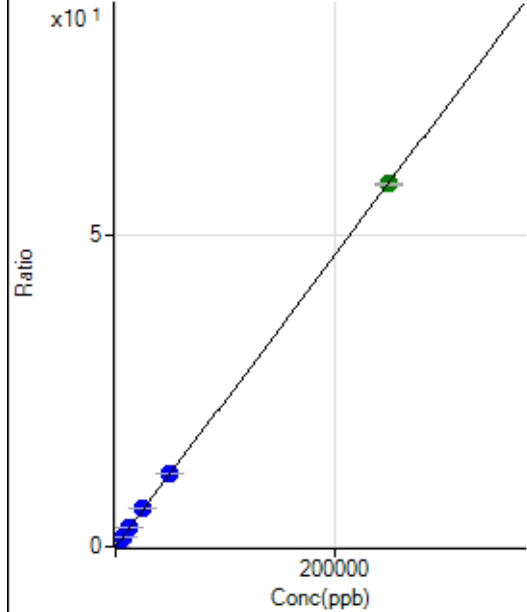
$$R = 1.0000$$

$$DL = 0.1058$$

$$BEC = 1.326$$

Weight: <None>

Min Conc: 0

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	94.45	0.0006	P	11.2
2	☐	5.000					
3	☐	50.000	54.797	2213.19	0.0134	P	3.5
4	☐	2500.000	2756.248	100066.79	0.6443	P	1.7
5	☐	6250.000	6900.695	234547.54	1.6123	P	0.5
6	☐	12500.000	13587.511	448645.29	3.1740	P	0.4
7	☐	25000.000	26131.119	872067.99	6.1037	P	0.6
8	☐	50000.000	50460.243	1766462.15	11.7859	P	0.7
9	☐	250000.00	249721.63	9316359.70	58.3249	A	0.3

$$y = 2.3356E-004 * x + 5.8554E-004$$

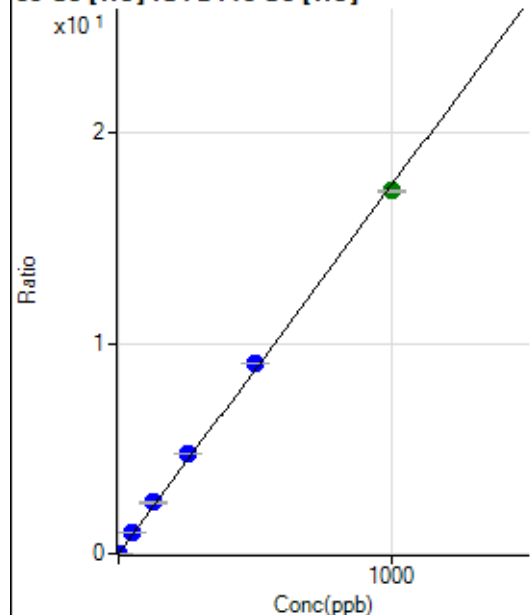
$$R = 1.0000$$

$$DL = 0.843$$

$$BEC = 2.507$$

Weight: <None>

Min Conc: 0

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

	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	18.89	0.0001	P	44.7
2	☐	0.100					
3	☐	1.000	1.066	3108.15	0.0188	P	4.5
4	☐	50.000	56.133	152733.51	0.9834	P	1.1
5	☐	125.000	138.517	353005.58	2.4266	P	0.4
6	☐	250.000	271.099	671263.57	4.7490	P	0.0
7	☐	500.000	515.348	1289804.98	9.0276	P	0.3
8	☐	1000.000	985.055	2586137.74	17.2556	A	0.8
9	☐			35853.94	0.2244	P	0.6

$$y = 0.0175 * x + 1.1721E-004$$

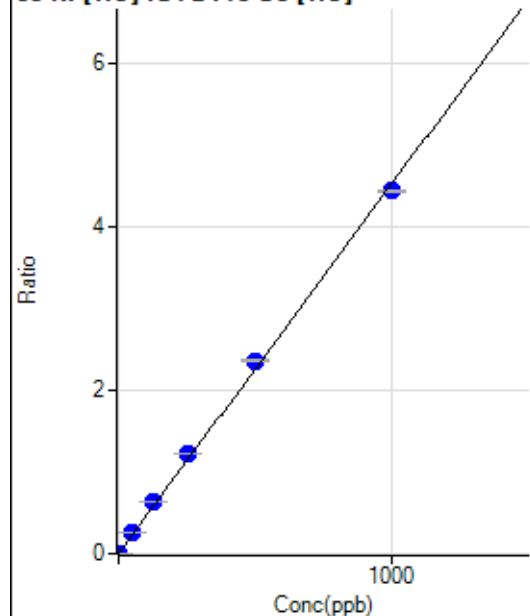
$$R = 0.9995$$

$$DL = 0.008976$$

$$BEC = 0.006691$$

Weight: <None>

Min Conc: 0

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

	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	40.00	0.0002	P	36.9
2	☐	0.100					
3	☐	1.000	1.227	956.71	0.0058	P	7.9
4	☐	50.000	56.314	39509.90	0.2544	P	0.5
5	☐	125.000	138.424	90913.66	0.6249	P	0.3
6	☐	250.000	272.394	173790.16	1.2295	P	0.5
7	☐	500.000	521.152	336062.88	2.3521	P	0.8
8	☐	1000.000	981.832	664127.08	4.4311	P	0.6
9	☐			25451.17	0.1593	P	1.2

$$y = 0.0045 * x + 2.4855E-004$$

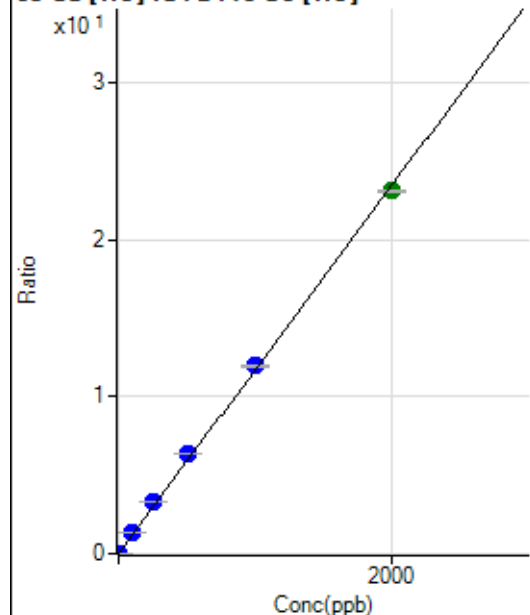
$$R = 0.9993$$

$$DL = 0.06095$$

$$BEC = 0.05508$$

Weight: <None>

Min Conc: 0

⁶³Cu [He] ISTD:45 Sc [He]

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	616.69	0.0038	P	3.7
2	☐	0.200					
3	☐	2.000	2.254	5002.03	0.0303	P	1.8
4	☐	100.000	113.733	207707.88	1.3374	P	1.2
5	☐	250.000	280.707	479368.98	3.2952	P	0.7
6	☐	500.000	542.983	900460.55	6.3705	P	0.5
7	☐	1000.000	1024.060	1716138.73	12.0113	P	0.9
8	☐	2000.000	1972.699	3467282.80	23.1345	A	0.5
9	☐			9677.80	0.0606	P	1.1

$$y = 0.0117 * x + 0.0038$$

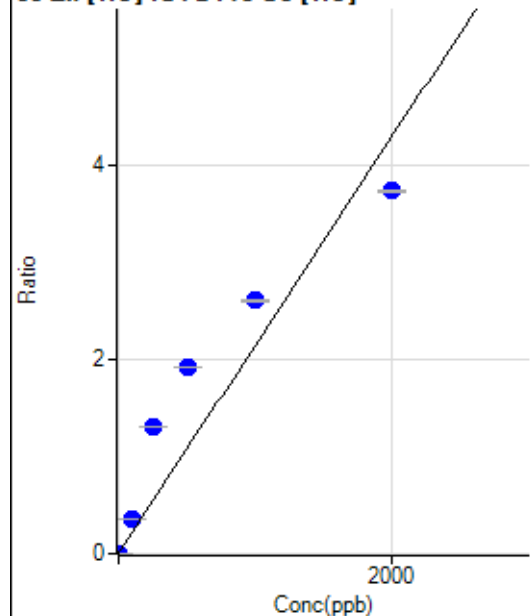
$$R = 0.9996$$

$$DL = 0.0359$$

$$BEC = 0.3261$$

Weight: <None>

Min Conc: 0

⁶⁶Zn [He] ISTD:45 Sc [He]

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	221.12	0.0014	P	5.2
2	☐	0.200					
3	☐	2.000	2.055	956.71	0.0058	P	9.1
4	☐	100.000	166.462	55729.16	0.3588	P	0.9
5	☐	250.000	610.641	190953.70	1.3126	P	0.8
6	☐	500.000	899.122	273098.36	1.9321	P	0.2
7	☐	1000.000	1218.027	373892.74	2.6169	P	0.7
8	☐	2000.000	1742.803	561140.03	3.7438	P	0.6
9	☐			105909.18	0.6631	P	0.5

$$y = 0.0021 * x + 0.0014$$

$$R = 0.9497$$

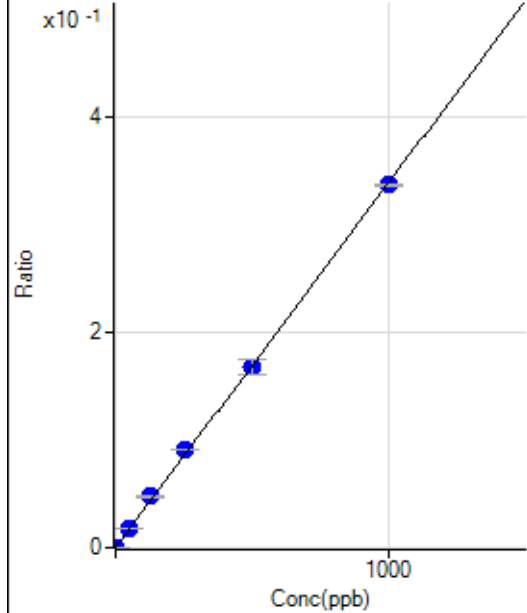
$$DL = 0.1004$$

$$BEC = 0.6388$$

Weight: <None>

Min Conc: 0

75 As [No Gas] ISTD:45 Sc [No Gas]



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	-338.78	-0.0001	P	-20.
2	☐	0.100					
3	☐	1.000	1.100	1057.55	0.0003	P	34.4
4	☐	50.000	54.222	66672.71	0.0183	P	0.8
5	☐	125.000	140.111	160903.81	0.0474	P	1.0
6	☐	250.000	270.691	299426.51	0.0917	P	0.6
7	☐	500.000	495.721	574085.62	0.1680	P	8.0
8	☐	1000.000	994.867	1121814.34	0.3373	P	0.4
9	☐			1477.85	0.0004	P	6.7

$$y = 3.3911E-004 * x - 9.0269E-005$$

$$R = 0.9997$$

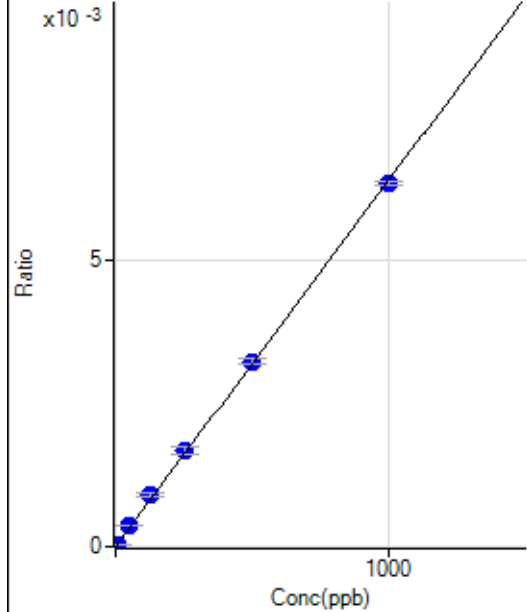
$$DL = 0.1661$$

$$BEC = -0.2662$$

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	6.528	35.55	0.0000	P	29.9
4	☐	50.000	57.505	300.01	0.0004	P	4.2
5	☐	125.000	139.449	692.25	0.0009	P	7.8
6	☐	250.000	263.934	1277.86	0.0017	P	7.0
7	☐	500.000	506.704	2511.38	0.0032	P	2.5
8	☐	1000.000	990.976	5017.60	0.0063	P	1.0
9	☐			0.00	0.0000	P	

$$y = 6.3975E-006 * x + 0.0000E+000$$

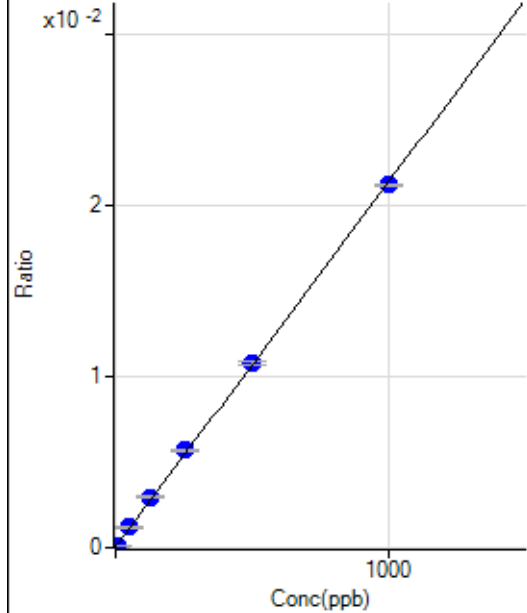
$$R = 0.9998$$

$$DL = 0$$

$$BEC = 0$$

Weight: <None>

Min Conc: 0

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	25.31	0.0000	P	23.2
2	☐	0.500					
3	☐	5.000	5.477	125.31	0.0001	P	7.9
4	☐	50.000	54.768	976.59	0.0012	P	4.8
5	☐	125.000	137.433	2295.88	0.0030	P	1.5
6	☐	250.000	264.603	4287.70	0.0057	P	0.8
7	☐	500.000	504.162	8343.21	0.0108	P	1.2
8	☐	1000.000	992.473	16752.36	0.0212	P	0.5
9	☐			40.74	0.0001	P	17.6

$$y = 2.1297\text{E-}005 * x + 3.0657\text{E-}005$$

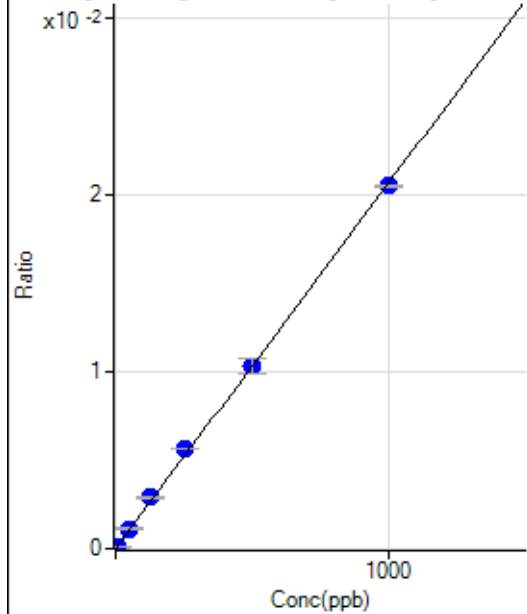
$$R = 0.9998$$

$$DL = 0.9998$$

$$BEC = 1.44$$

Weight: <None>

Min Conc: 0

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	22.18	0.0000	P	96.2
2	☐	0.500					
3	☐	5.000	5.438	635.00	0.0001	P	9.8
4	☐	50.000	54.805	6064.33	0.0011	P	1.5
5	☐	125.000	139.640	14554.73	0.0029	P	0.6
6	☐	250.000	272.247	27620.12	0.0056	P	0.6
7	☐	500.000	499.192	52792.66	0.0103	P	8.4
8	☐	1000.000	992.770	102756.83	0.0205	P	0.3
9	☐			92.26	0.0000	P	22.2

$$y = 2.0631\text{E-}005 * x + 3.9959\text{E-}006$$

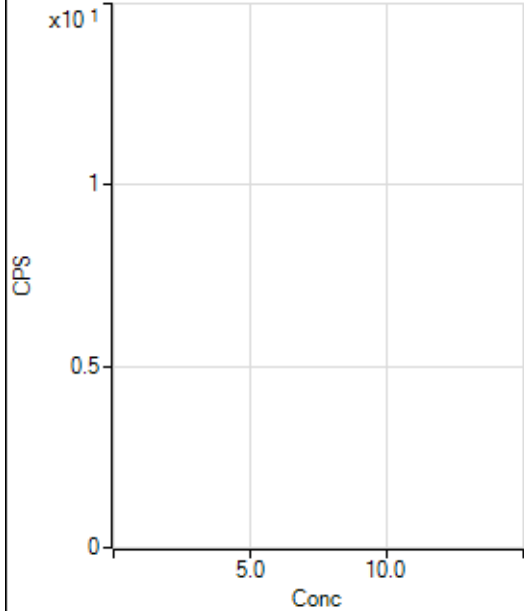
$$R = 0.9997$$

$$DL = 0.5592$$

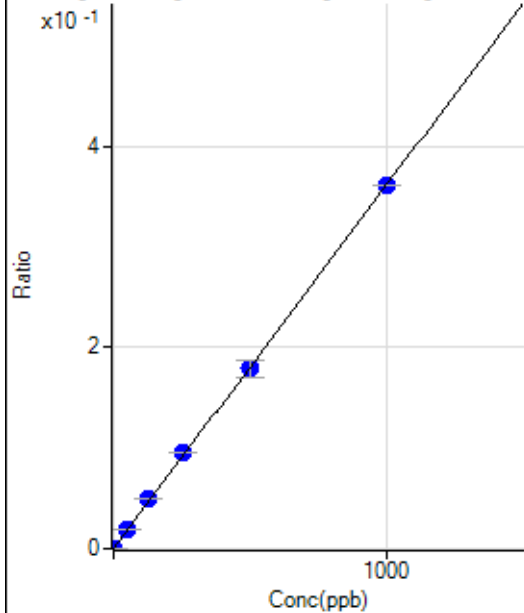
$$BEC = 0.1937$$

Weight: <None>

Min Conc: 0

83 Kr [No Gas] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			181.11		P	1.1
2	☐						
3	☐			166.67		P	14.0
4	☐			155.56		P	14.3
5	☐			187.78		P	4.1
6	☐			153.34		P	7.8
7	☐			164.45		P	16.4
8	☐			164.45		P	17.2
9	☐			204.45		P	21.0

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	322.24	0.0001	P	14.9
2	☐	0.100					
3	☐	1.000	0.981	2255.83	0.0004	P	8.0
4	☐	50.000	53.143	103037.48	0.0193	P	0.7
5	☐	125.000	134.875	246382.99	0.0488	P	0.1
6	☐	250.000	264.778	470833.71	0.0958	P	1.4
7	☐	500.000	494.505	916529.24	0.1789	P	8.8
8	☐	1000.000	997.661	1810082.42	0.3609	P	0.1
9	☐			9181.08	0.0019	P	3.6

$$y = 3.6165E-004 * x + 5.7964E-005$$

$$R = 0.9998$$

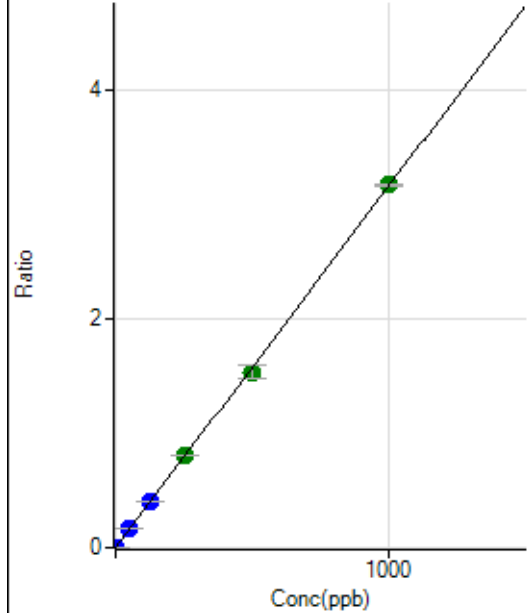
$$DL = 0.0714$$

$$BEC = 0.1603$$

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	283.35	0.0001	P	15.1
2	☐	0.100					
3	☐	1.000	1.031	18025.85	0.0033	P	3.9
4	☐	50.000	51.973	875304.57	0.1638	P	0.8
5	☐	125.000	129.816	2063354.95	0.4090	P	0.6
6	☐	250.000	257.116	3980302.82	0.8100	A	0.5
7	☐	500.000	485.628	7840850.18	1.5298	A	7.9
8	☐	1000.000	1004.706	15874752.09	3.1650	A	0.7
9	☐			76847.48	0.0157	P	1.3

$$y = 0.0032 * x + 5.0918E-005$$

$$R = 0.9998$$

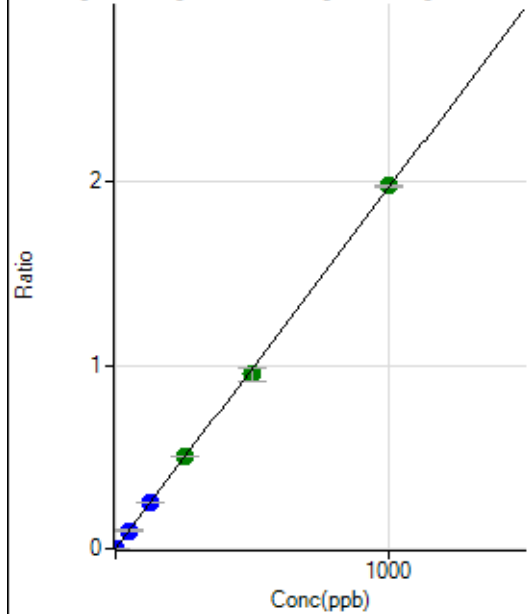
$$DL = 0.00734$$

$$BEC = 0.01616$$

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	455.59	0.0001	P	22.5
2	☐	0.100					
3	☐	1.000	1.011	11318.83	0.0021	P	1.5
4	☐	50.000	50.608	532742.36	0.0997	P	0.7
5	☐	125.000	128.836	1279561.33	0.2536	P	0.5
6	☐	250.000	256.379	2479712.62	0.5046	A	0.6
7	☐	500.000	483.868	4882121.85	0.9523	A	7.4
8	☐	1000.000	1005.961	9929918.37	1.9798	A	0.9
9	☐			3000.45	0.0006	P	10.7

$$y = 0.0020 * x + 8.1958E-005$$

$$R = 0.9998$$

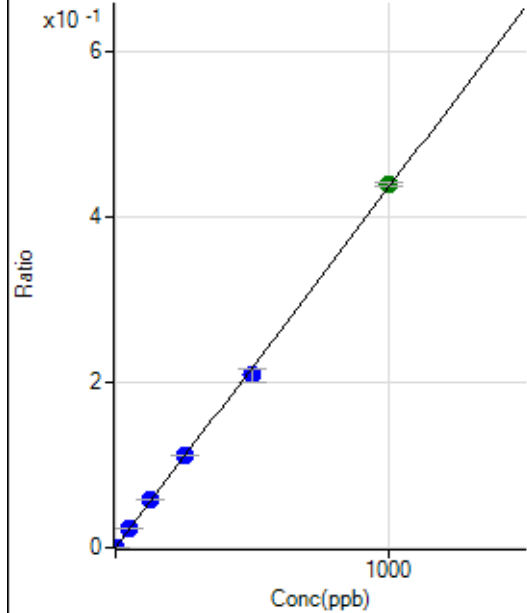
$$DL = 0.02815$$

$$BEC = 0.04165$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	72.22	0.0000	P	46.8
2	☐	0.100					
3	☐	1.000	1.059	2589.23	0.0005	P	0.4
4	☐	50.000	51.768	120515.06	0.0225	P	1.5
5	☐	125.000	134.024	294414.63	0.0584	P	0.1
6	☐	250.000	257.753	551435.40	0.1122	P	0.9
7	☐	500.000	478.653	1068023.88	0.2084	P	7.9
8	☐	1000.000	1007.519	2199929.22	0.4386	A	0.9
9	☐			633.37	0.0001	P	15.7

$$y = 4.3532\text{E-}004 * x + 1.2994\text{E-}005$$

$$R = 0.9996$$

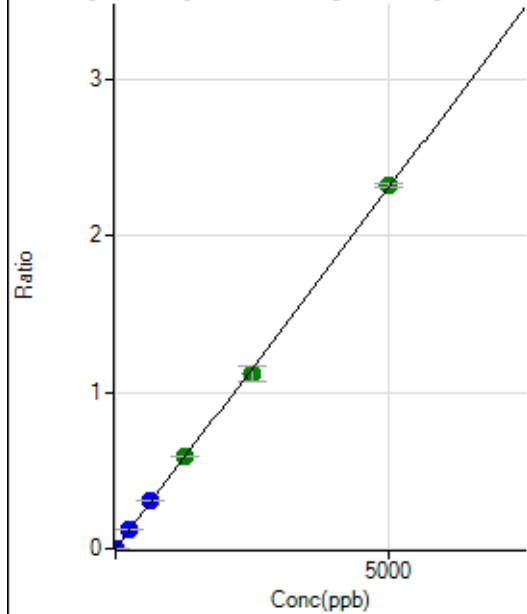
$$DL = 0.04189$$

$$BEC = 0.02985$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	191.67	0.0000	P	34.2
2	☐	0.500					
3	☐	5.000	5.000	12795.08	0.0023	P	5.0
4	☐	250.000	259.041	638996.03	0.1196	P	1.1
5	☐	625.000	656.296	1527920.19	0.3029	P	0.5
6	☐	1250.000	1282.062	2907053.65	0.5916	A	0.4
7	☐	2500.000	2422.394	5727732.03	1.1177	A	8.3
8	☐	5000.000	5026.424	11632861.11	2.3193	A	1.0
9	☐			16120.77	0.0033	P	1.0

$$y = 4.6141\text{E-}004 * x + 3.4433\text{E-}005$$

$$R = 0.9998$$

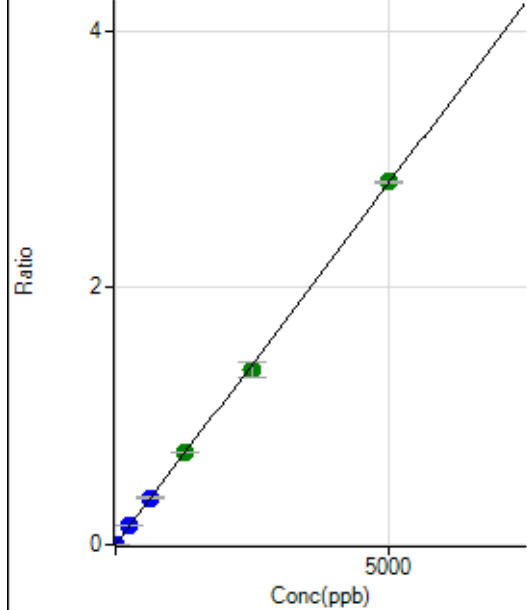
$$DL = 0.07658$$

$$BEC = 0.07463$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	16.67	0.0000	P	49.8
2	☐	0.500					
3	☐	5.000	4.914	15114.08	0.0028	P	4.0
4	☐	250.000	258.016	775407.71	0.1451	P	1.2
5	☐	625.000	651.847	1849178.34	0.3665	P	0.9
6	☐	1250.000	1282.691	3544190.79	0.7212	A	0.5
7	☐	2500.000	2426.210	6990147.38	1.3642	A	8.5
8	☐	5000.000	5024.966	14172069.59	2.8255	A	0.5
9	☐			26522.70	0.0054	P	1.5

$$y = 5.6229\text{E-}004 * x + 2.9957\text{E-}006$$

$$R = 0.9998$$

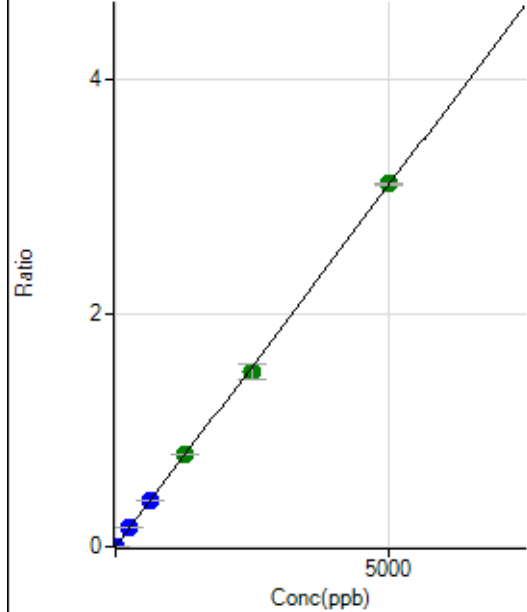
$$DL = 0.007959$$

$$BEC = 0.005328$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	80.56	0.0000	P	29.5
2	☐	0.500					
3	☐	5.000	5.037	17127.57	0.0031	P	3.2
4	☐	250.000	258.924	857271.35	0.1604	P	0.7
5	☐	625.000	650.294	2032256.82	0.4028	P	0.4
6	☐	1250.000	1285.079	3911567.62	0.7960	A	0.6
7	☐	2500.000	2428.204	7707806.68	1.5041	A	8.2
8	☐	5000.000	5023.520	15607370.84	3.1116	A	0.5
9	☐			33534.74	0.0068	P	1.9

$$y = 6.1941\text{E-}004 * x + 1.4473\text{E-}005$$

$$R = 0.9998$$

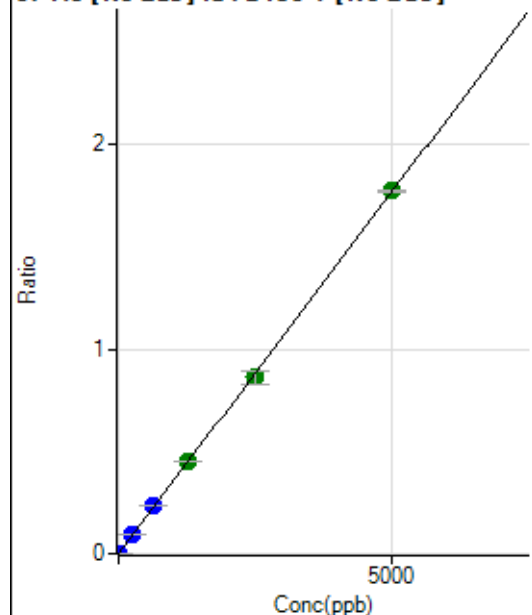
$$DL = 0.02067$$

$$BEC = 0.02337$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	19.45	0.0000	P	24.5
2	☐	0.500					
3	☐	5.000	4.910	9500.75	0.0017	P	3.2
4	☐	250.000	258.129	487554.74	0.0912	P	0.8
5	☐	625.000	654.458	1166813.95	0.2313	P	0.6
6	☐	1250.000	1282.257	2226690.31	0.4531	A	0.4
7	☐	2500.000	2436.021	4412214.25	0.8609	A	7.9
8	☐	5000.000	5019.837	8897627.46	1.7739	A	0.6
9	☐			15981.76	0.0033	P	2.1

$$y = 3.5338\text{E-}004 * x + 3.4948\text{E-}006$$

$$R = 0.9998$$

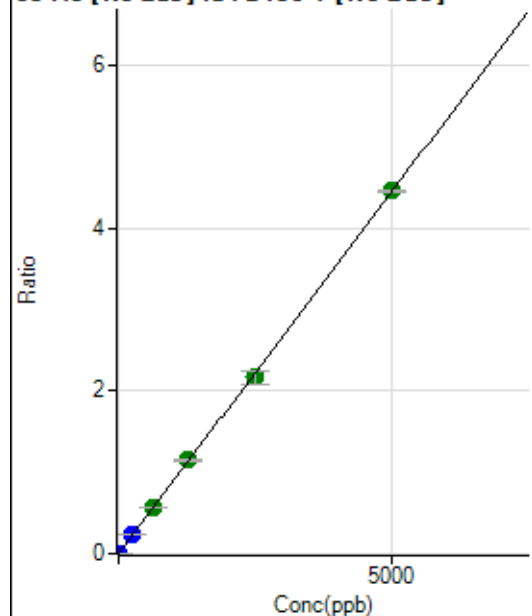
$$DL = 0.007262$$

$$BEC = 0.00989$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	55.56	0.0000	P	38.2
2	☐	0.500					
3	☐	5.000	5.048	24591.35	0.0045	P	1.7
4	☐	250.000	259.507	1233898.84	0.2309	P	0.8
5	☐	625.000	647.227	2904849.00	0.5758	A	0.4
6	☐	1250.000	1289.967	5639019.66	1.1475	A	0.4
7	☐	2500.000	2439.451	11124770.99	2.1701	A	7.5
8	☐	5000.000	5017.029	22385735.05	4.4631	A	0.7
9	☐			41227.21	0.0084	P	0.7

$$y = 8.8958\text{E-}004 * x + 9.9987\text{E-}006$$

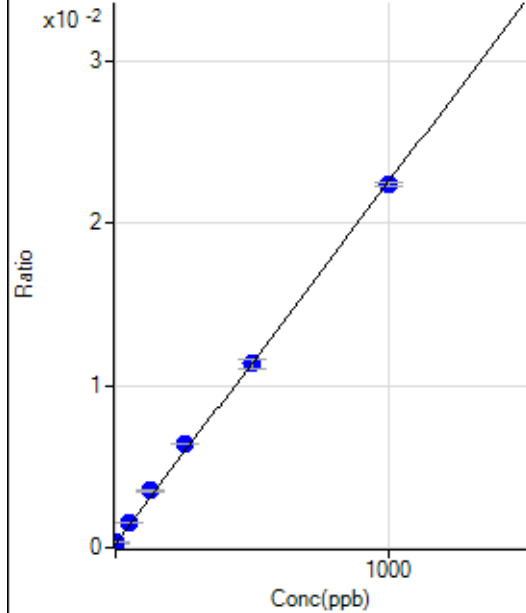
$$R = 0.9999$$

$$DL = 0.01288$$

$$BEC = 0.01124$$

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	1694.62	0.0002	P	2.7
2	☐	0.100					
3	☐	1.000	3.127	2108.59	0.0003	P	1.3
4	☐	50.000	58.409	10245.75	0.0015	P	3.8
5	☐	125.000	145.956	22604.85	0.0035	P	2.4
6	☐	250.000	274.949	40932.09	0.0064	P	0.9
7	☐	500.000	497.043	76297.17	0.0113	P	5.8
8	☐	1000.000	992.199	146844.37	0.0224	P	1.0
9	☐			1655.72	0.0003	P	7.3

$$y = 2.2285E-005 * x + 2.4666E-004$$

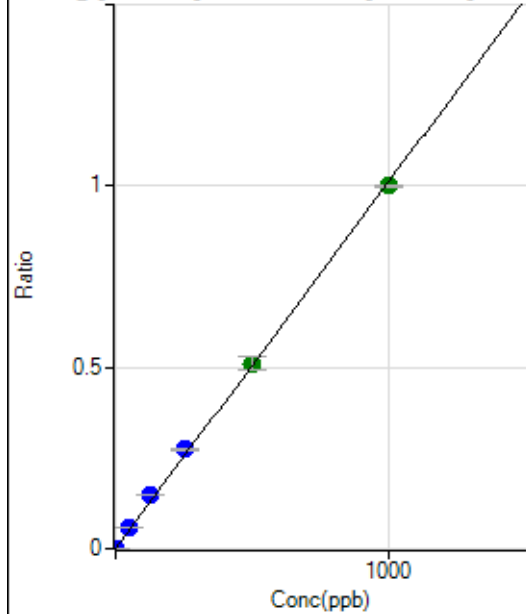
$$R = 0.9995$$

$$DL = 0.8891$$

$$BEC = 11.07$$

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	38.89	0.0000	P	25.1
2	☐	0.100					
3	☐	1.000	1.135	7685.72	0.0012	P	3.1
4	☐	50.000	59.529	398165.64	0.0602	P	0.1
5	☐	125.000	145.390	949235.56	0.1469	P	1.2
6	☐	250.000	270.554	1755936.13	0.2734	P	1.3
7	☐	500.000	504.401	3432299.38	0.5098	A	7.3
8	☐	1000.000	989.636	6568593.29	1.0001	A	0.5
9	☐			1205.66	0.0002	P	10.3

$$y = 0.0010 * x + 5.6634E-006$$

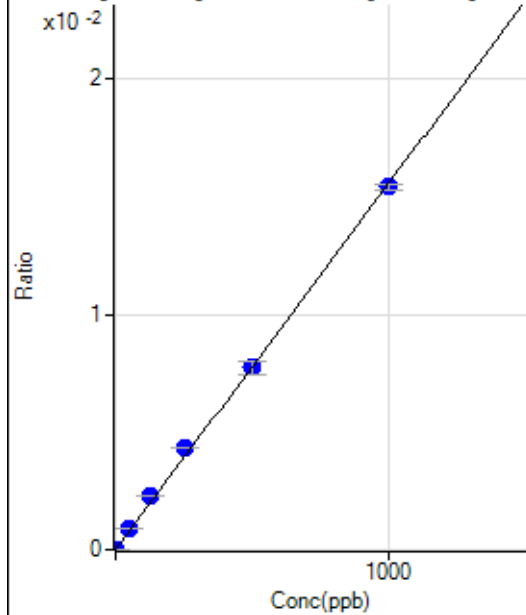
$$R = 0.9996$$

$$DL = 0.004217$$

$$BEC = 0.005604$$

Weight: <None>

Min Conc: 0

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

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	6.94	0.0000	P	91.4
2	☐	0.100					
3	☐	1.000	0.980	108.34	0.0000	P	6.8
4	☐	50.000	57.060	5881.89	0.0009	P	2.9
5	☐	125.000	146.254	14707.83	0.0023	P	1.1
6	☐	250.000	278.325	27816.52	0.0043	P	1.3
7	☐	500.000	496.852	52056.60	0.0077	P	7.4
8	☐	1000.000	991.483	101329.75	0.0154	P	1.3
9	☐			50.00	0.0000	P	46.8

$$y = 1.5559\text{E-}005 * x + 1.0082\text{E-}006$$

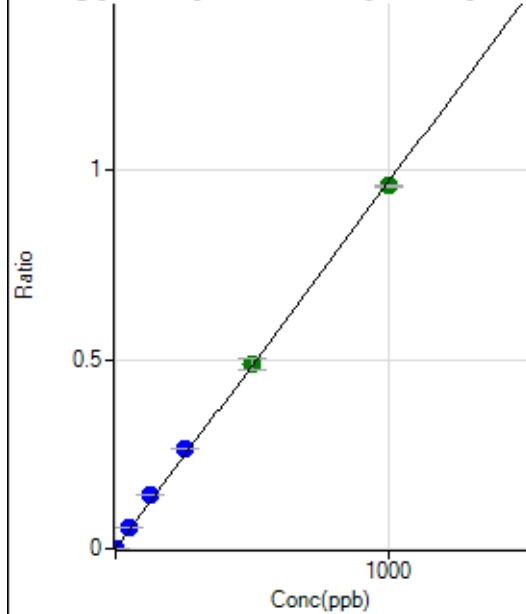
$$R = 0.9994$$

$$DL = 0.1777$$

$$BEC = 0.0648$$

Weight: <None>

Min Conc: 0

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

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	19.44	0.0000	P	89.4
2	☐	0.100					
3	☐	1.000	1.130	7324.35	0.0011	P	3.6
4	☐	50.000	59.711	383391.44	0.0579	P	1.0
5	☐	125.000	146.348	917297.87	0.1420	P	0.4
6	☐	250.000	272.567	1698279.77	0.2645	P	0.9
7	☐	500.000	503.848	3292050.81	0.4888	A	6.9
8	☐	1000.000	989.280	6303634.26	0.9598	A	0.5
9	☐			1213.99	0.0002	P	5.9

$$y = 9.7022\text{E-}004 * x + 2.8280\text{E-}006$$

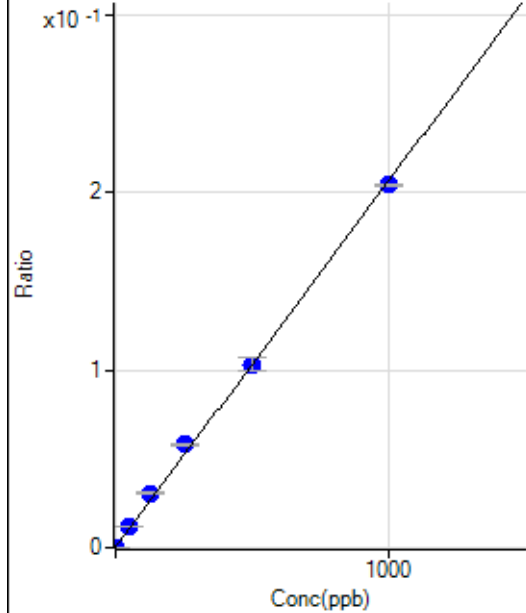
$$R = 0.9996$$

$$DL = 0.007817$$

$$BEC = 0.002915$$

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	1184.15	0.0002	P	3.1
2	☐	0.100					
3	☐	1.000	1.312	2951.68	0.0004	P	3.2
4	☐	50.000	58.584	81050.10	0.0122	P	0.9
5	☐	125.000	148.182	198420.85	0.0307	P	1.9
6	☐	250.000	280.237	372046.44	0.0579	P	0.7
7	☐	500.000	498.793	693282.32	0.1030	P	7.7
8	☐	1000.000	989.717	1340972.52	0.2042	P	0.7
9	☐			1557.35	0.0003	P	8.6

$$y = 2.0612\text{E-}004 * x + 1.7236\text{E-}004$$

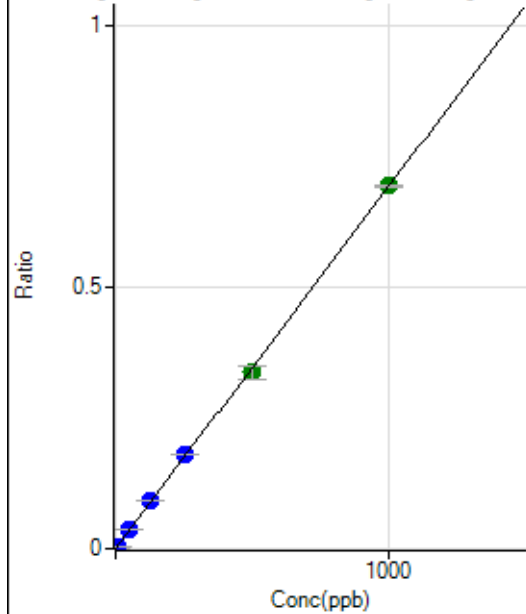
$$R = 0.9993$$

$$DL = 0.07885$$

$$BEC = 0.8362$$

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	675.05	0.0001	P	14.9
2	☐	0.500					
3	☐	5.000	5.225	24731.03	0.0037	P	1.1
4	☐	50.000	53.782	246677.56	0.0373	P	0.7
5	☐	125.000	134.503	601283.92	0.0931	P	0.4
6	☐	250.000	259.647	1153253.14	0.1796	P	1.2
7	☐	500.000	488.285	2272920.64	0.3376	A	7.7
8	☐	1000.000	1002.068	4549924.23	0.6928	A	0.4
9	☐			6676.87	0.0011	P	4.3

$$y = 6.9126\text{E-}004 * x + 9.8203\text{E-}005$$

$$R = 0.9998$$

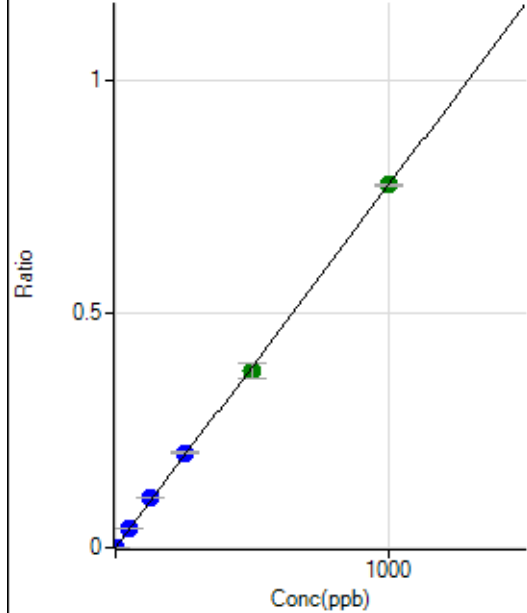
$$DL = 0.06367$$

$$BEC = 0.1421$$

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	27.78	0.0000	P	34.5
2	☐	0.200					
3	☐	2.000	2.047	10607.18	0.0016	P	2.4
4	☐	50.000	55.124	282932.12	0.0428	P	0.3
5	☐	125.000	137.198	687387.01	0.1064	P	0.6
6	☐	250.000	262.169	1305699.63	0.2033	P	0.9
7	☐	500.000	488.395	2549740.68	0.3788	A	7.7
8	☐	1000.000	1000.979	5098323.68	0.7763	A	0.2
9	☐			16713.39	0.0027	P	1.6

$$y = 7.7552\text{E-}004 * x + 4.0407\text{E-}006$$

$$R = 0.9998$$

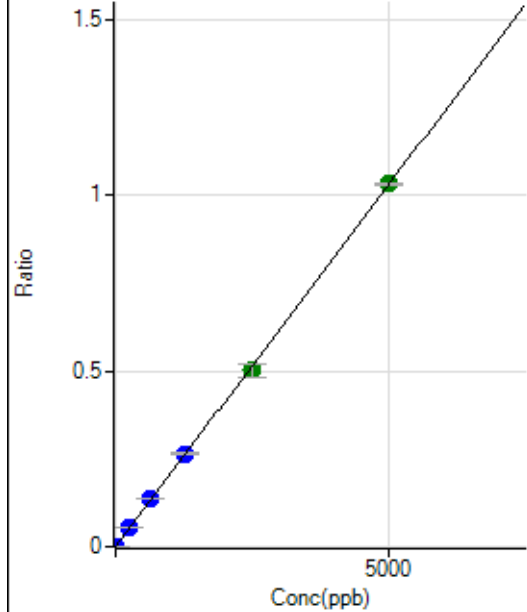
$$DL = 0.005386$$

$$BEC = 0.00521$$

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	11.11	0.0000	P	42.7
2	☐	1.000					
3	☐	10.000	10.357	14224.40	0.0021	P	2.6
4	☐	250.000	271.476	369919.75	0.0559	P	0.2
5	☐	625.000	674.172	896755.53	0.1388	P	0.5
6	☐	1250.000	1285.901	1700276.36	0.2648	P	0.9
7	☐	2500.000	2434.944	3374835.29	0.5013	A	7.8
8	☐	5000.000	5016.332	6783311.61	1.0328	A	0.4
9	☐			2822.63	0.0005	P	4.6

$$y = 2.0590\text{E-}004 * x + 1.6145\text{E-}006$$

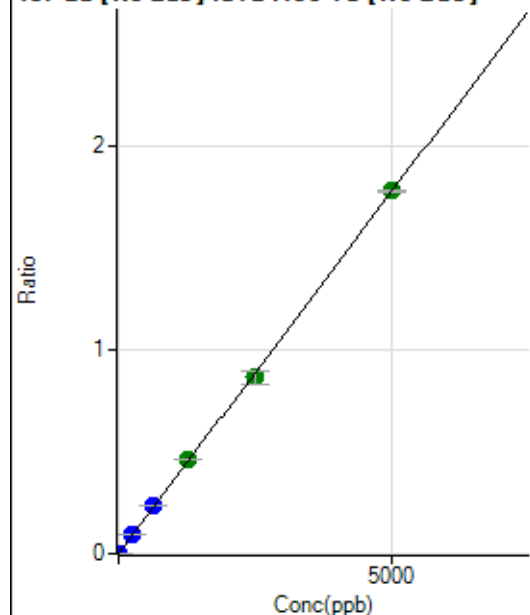
$$R = 0.9998$$

$$DL = 0.01005$$

$$BEC = 0.007841$$

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	22.22	0.0000	P	21.4
2	☐	1.000					
3	☐	10.000	10.274	24349.91	0.0037	P	3.3
4	☐	250.000	272.813	641416.91	0.0969	P	1.2
5	☐	625.000	669.995	1537690.81	0.2380	P	0.4
6	☐	1250.000	1296.046	2956858.38	0.4604	A	0.7
7	☐	2500.000	2434.067	5821988.15	0.8647	A	7.4
8	☐	5000.000	5014.690	11700296.71	1.7815	A	0.3
9	☐			4992.77	0.0008	P	5.4

$$y = 3.5526E-004 * x + 3.2335E-006$$

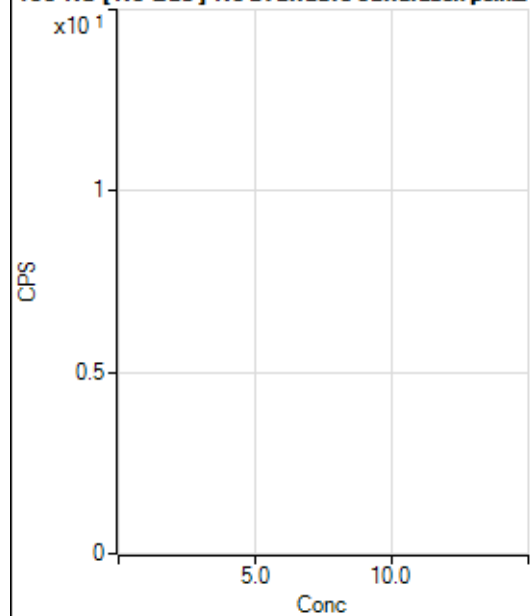
$$R = 0.9998$$

$$DL = 0.005854$$

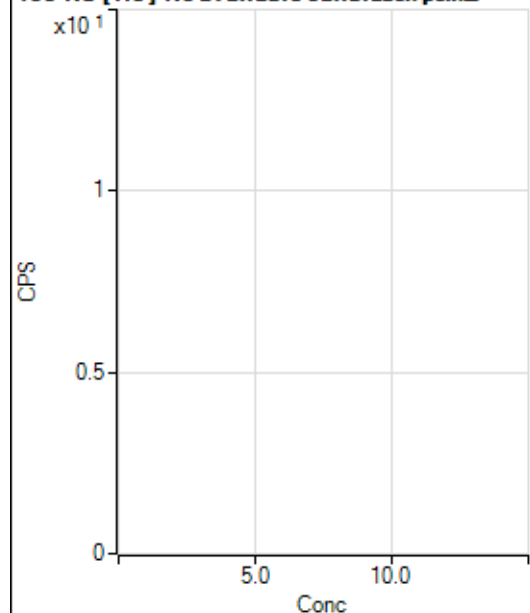
$$BEC = 0.009102$$

Weight: <None>

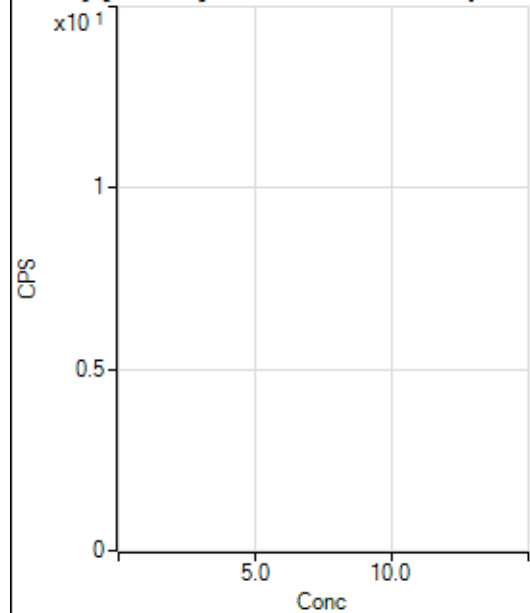
Min Conc: 0

150 Nd [No Gas] No available calibration points

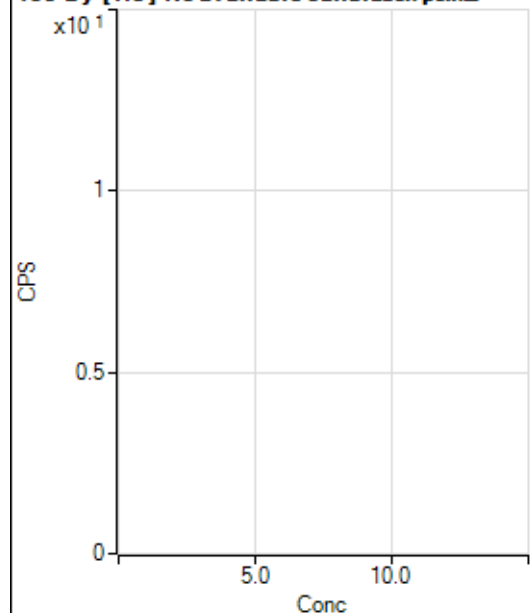
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			2.22		P	173.
2	☐						
3	☐			8.89		P	114.
4	☐			33.33		P	34.6
5	☐			57.78		P	17.6
6	☐			111.11		P	12.5
7	☐			204.45		P	16.1
8	☐			351.13		P	12.6
9	☐			68.89		P	29.6

150 Nd [He] No available calibration points

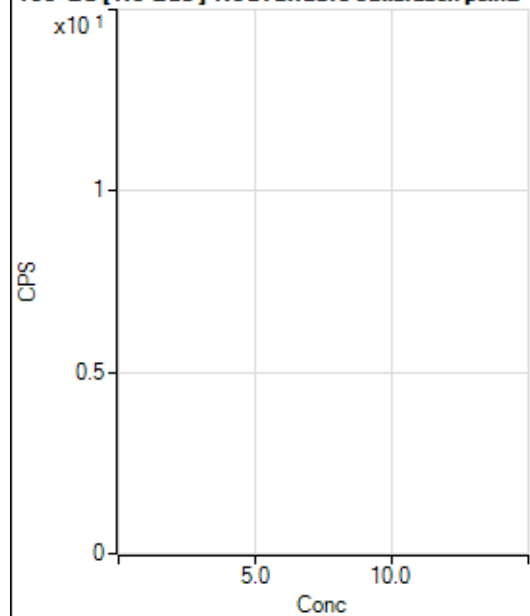
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			1.11		P	173.
2	☐						
3	☐			0.00		P	
4	☐			6.67		P	0.0
5	☐			5.55		P	124.
6	☐			14.44		P	58.1
7	☐			20.00		P	50.0
8	☐			48.89		P	19.7
9	☐			31.11		P	43.3

156 Dy [No Gas] No available calibration points

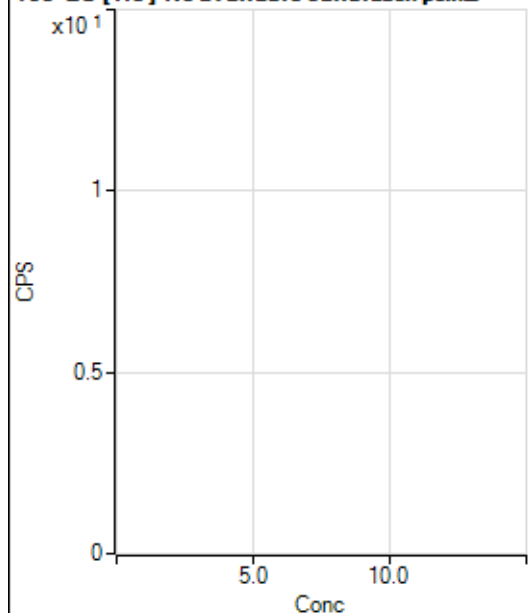
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			8.33		P	100.
2	☐						
3	☐			0.00		P	
4	☐			0.00		P	
5	☐			16.67		P	132.
6	☐			50.00		P	33.3
7	☐			75.00		P	11.1
8	☐			94.45		P	13.5
9	☐			63.89		P	64.3

156 Dy [He] No available calibration points

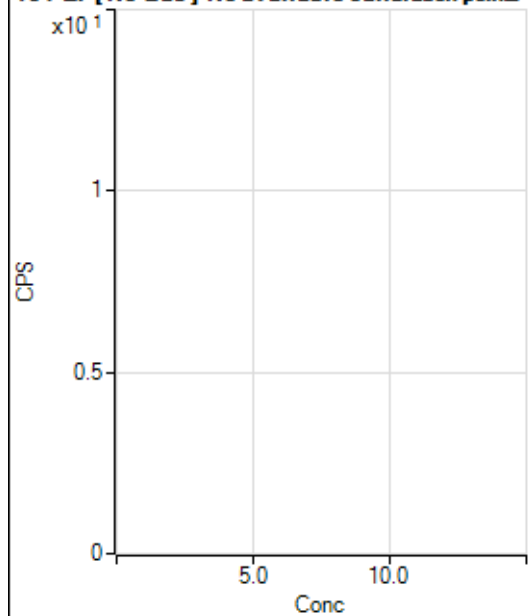
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			5.55		P	69.3
2	☐						
3	☐			0.00		P	
4	☐			12.22		P	56.8
5	☐			15.55		P	86.6
6	☐			26.67		P	37.5
7	☐			46.66		P	44.6
8	☐			107.78		P	33.1
9	☐			47.78		P	46.5

160 Gd [No Gas] Noavailable calibration poin_

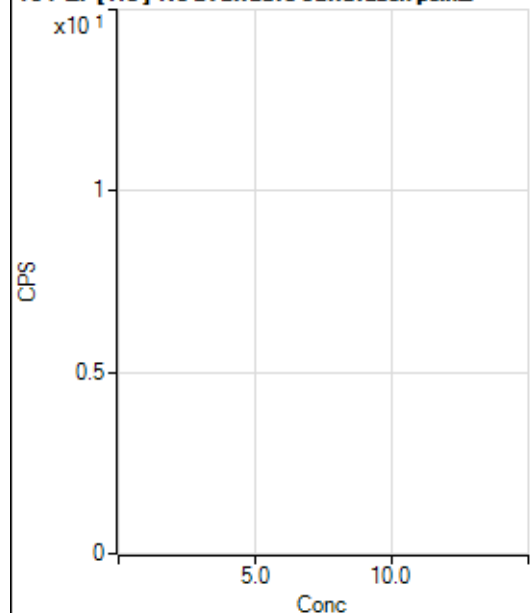
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			47.22		P	27.0
2	☐						
3	☐			47.22		P	81.5
4	☐			30.56		P	83.3
5	☐			27.78		P	17.3
6	☐			69.45		P	25.0
7	☐			66.67		P	0.0
8	☐			63.89		P	30.1
9	☐			91.67		P	18.2

160 Gd [He] No available calibration points

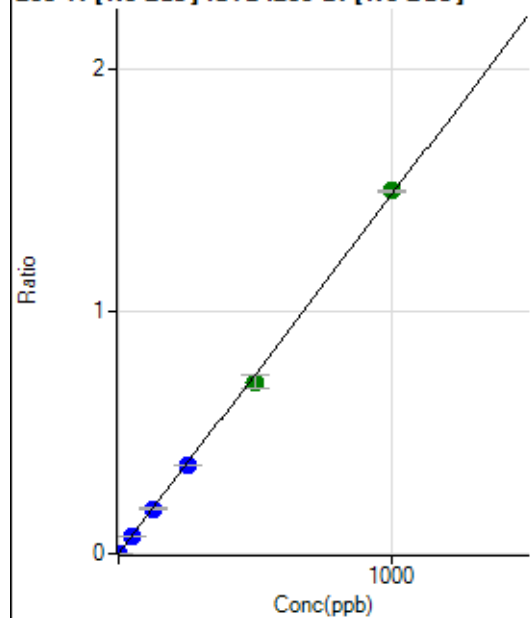
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			108.89		P	9.8
2	☐						
3	☐			111.12		P	15.1
4	☐			87.78		P	24.7
5	☐			98.89		P	5.1
6	☐			101.11		P	34.9
7	☐			104.45		P	33.5
8	☐			116.67		P	8.6
9	☐			116.67		P	8.6

164 Er [No Gas] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			16.67		P	NaN
2	☐						
3	☐			30.56		P	41.7
4	☐			16.67		P	NaN
5	☐			11.11		P	173.
6	☐			41.67		P	20.0
7	☐			36.11		P	35.3
8	☐			36.11		P	96.1
9	☐			16.67		P	NaN

164 Er [He] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			13.33		P	43.3
2	☐						
3	☐			20.00		P	0.0
4	☐			14.44		P	70.5
5	☐			12.22		P	31.5
6	☐			11.11		P	34.6
7	☐			24.45		P	15.8
8	☐			14.45		P	48.0
9	☐			31.11		P	22.3

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	36.11	0.0000	P	74.2
2	☐	0.100					
3	☐	1.000	0.993	5984.96	0.0015	P	5.5
4	☐	50.000	49.273	292092.02	0.0730	P	0.1
5	☐	125.000	125.909	729370.69	0.1866	P	0.7
6	☐	250.000	245.901	1408817.79	0.3645	P	0.8
7	☐	500.000	479.481	2810122.40	0.7107	A	7.1
8	☐	1000.000	1011.207	5617894.48	1.4989	A	0.6
9	☐			2653.15	0.0008	P	7.9

$$y = 0.0015 * x + 8.5719E-006$$

$$R = 0.9997$$

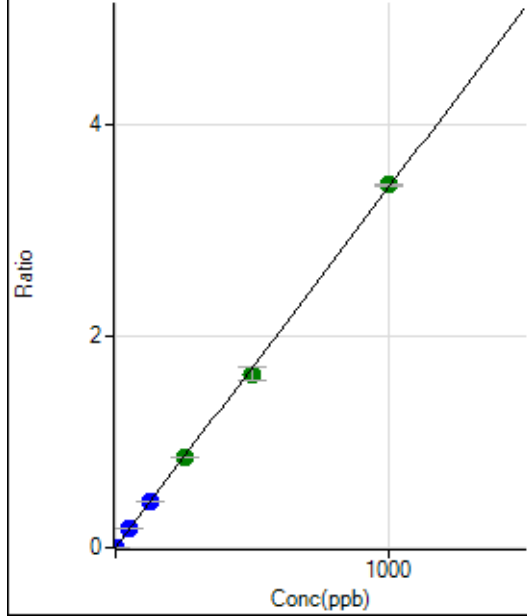
$$DL = 0.01288$$

$$BEC = 0.005783$$

Weight: <None>

Min Conc: 0

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



	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	97.23	0.0000	P	34.7
2	☐	0.100					
3	☐	1.000	0.980	13596.34	0.0034	P	1.5
4	☐	50.000	51.133	696899.45	0.1743	P	0.9
5	☐	125.000	128.463	1710851.32	0.4378	P	0.3
6	☐	250.000	252.541	3326147.86	0.8606	A	0.7
7	☐	500.000	482.759	6505320.63	1.6451	A	6.9
8	☐	1000.000	1007.496	12868014.96	3.4332	A	0.8
9	☐			6457.43	0.0020	P	1.4

$$y = 0.0034 * x + 2.3066E-005$$

$$R = 0.9998$$

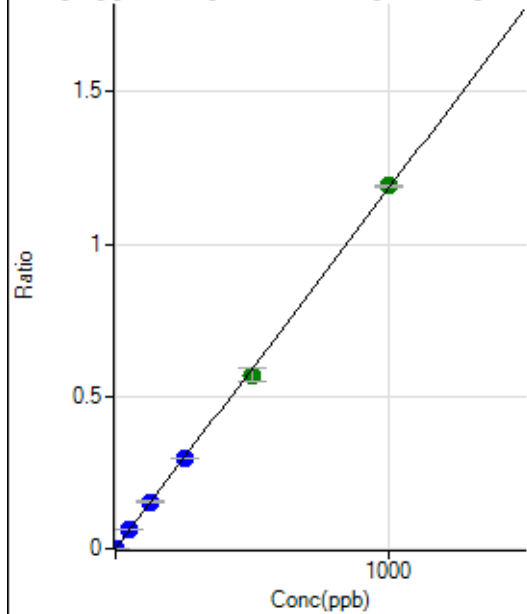
$$DL = 0.007041$$

$$BEC = 0.006769$$

Weight: <None>

Min Conc: 0

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



	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	116.67	0.0000	P	0.2
2	☐	0.100					
3	☐	1.000	0.992	4849.18	0.0012	P	0.8
4	☐	50.000	51.220	242184.27	0.0606	P	0.5
5	☐	125.000	130.795	604219.91	0.1546	P	0.5
6	☐	250.000	250.859	1146064.74	0.2965	P	0.3
7	☐	500.000	482.948	2256597.98	0.5708	A	7.4
8	☐	1000.000	1007.526	4463234.33	1.1908	A	0.8
9	☐			5004.79	0.0016	P	3.6

$$y = 0.0012 * x + 2.7679E-005$$

$$R = 0.9998$$

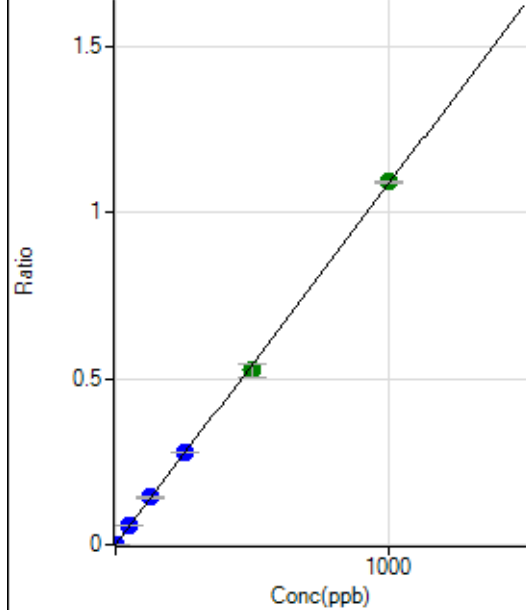
$$DL = 0.0001486$$

$$BEC = 0.02342$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	125.93	0.0000	P	48.4
2	☐	0.100					
3	☐	1.000	0.998	4495.35	0.0011	P	1.2
4	☐	50.000	51.169	222074.92	0.0555	P	1.2
5	☐	125.000	130.836	554768.14	0.1420	P	0.6
6	☐	250.000	254.701	1068012.94	0.2763	P	0.3
7	☐	500.000	483.421	2072818.71	0.5244	A	7.9
8	☐	1000.000	1006.326	4091674.05	1.0917	A	0.8
9	☐			4328.61	0.0014	P	1.6

$$y = 0.0011 * x + 2.9870E-005$$

$$R = 0.9998$$

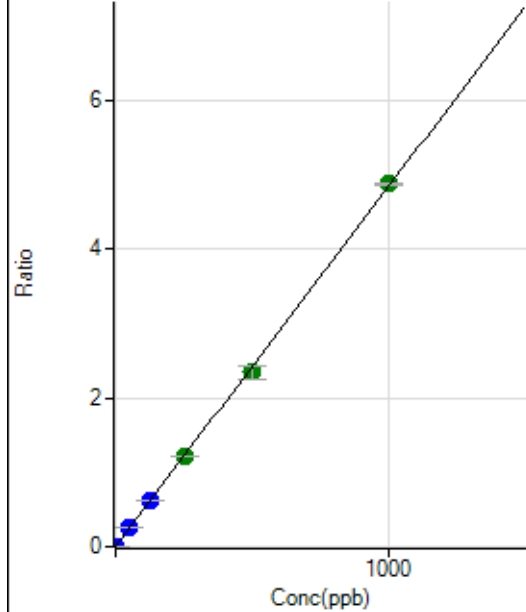
$$DL = 0.03994$$

$$BEC = 0.02754$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	483.35	0.0001	P	7.9
2	☐	0.100					
3	☐	1.000	0.992	19884.16	0.0049	P	0.6
4	☐	50.000	51.154	990700.30	0.2477	P	0.6
5	☐	125.000	129.815	2456294.43	0.6285	P	0.2
6	☐	250.000	252.703	4728574.32	1.2234	A	0.3
7	☐	500.000	483.173	9246104.19	2.3391	A	7.7
8	☐	1000.000	1007.078	18273046.33	4.8753	A	0.6
9	☐			19734.07	0.0062	P	1.9

$$y = 0.0048 * x + 1.1467E-004$$

$$R = 0.9998$$

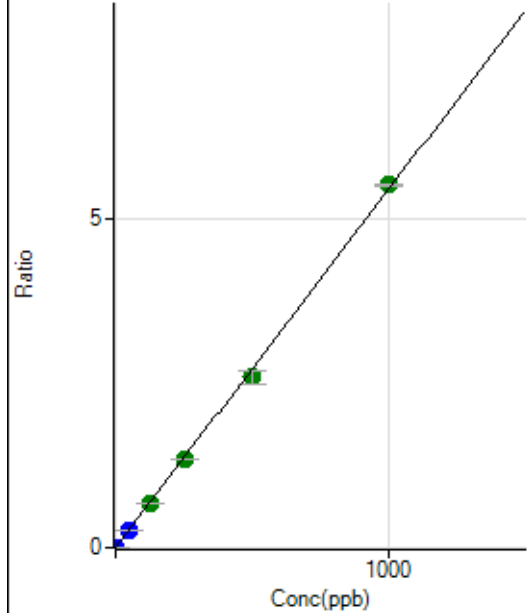
$$DL = 0.005649$$

$$BEC = 0.02369$$

Weight: <None>

Min Conc: 0

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



	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	61.11	0.0000	P	39.4
2	☐	0.100					
3	☐	1.000	0.907	20008.30	0.0049	P	1.2
4	☐	50.000	47.967	1044147.58	0.2611	P	1.3
5	☐	125.000	122.259	2600888.34	0.6655	A	0.4
6	☐	250.000	247.390	5204788.19	1.3467	A	0.8
7	☐	500.000	476.190	10248613.65	2.5922	A	7.2
8	☐	1000.000	1013.002	20668324.77	5.5143	A	0.5
9	☐			5121.54	0.0016	P	5.7

$$y = 0.0054 * x + 1.4490E-005$$

$$R = 0.9996$$

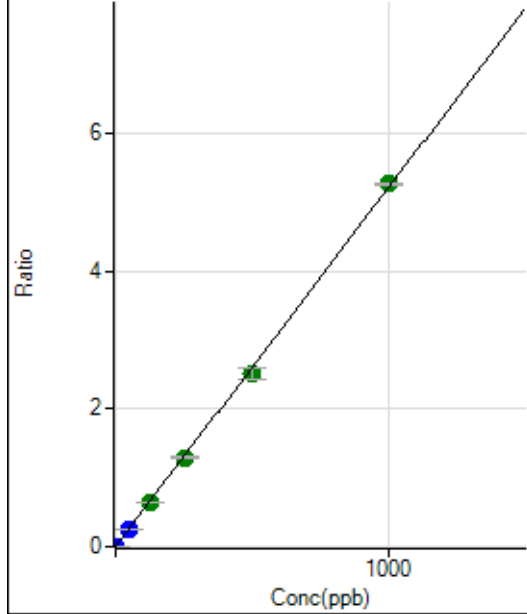
$$DL = 0.003146$$

$$BEC = 0.002662$$

Weight: <None>

Min Conc: 0

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



	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	44.44	0.0000	P	21.8
2	☐	0.100					
3	☐	1.000	0.972	20550.31	0.0051	P	1.9
4	☐	50.000	48.560	1013294.27	0.2534	P	1.4
5	☐	125.000	122.773	2503702.60	0.6407	A	0.6
6	☐	250.000	248.340	5008559.84	1.2959	A	0.7
7	☐	500.000	480.355	9913360.98	2.5066	A	6.6
8	☐	1000.000	1010.588	19765689.85	5.2735	A	0.5
9	☐			4803.92	0.0015	P	6.4

$$y = 0.0052 * x + 1.0547E-005$$

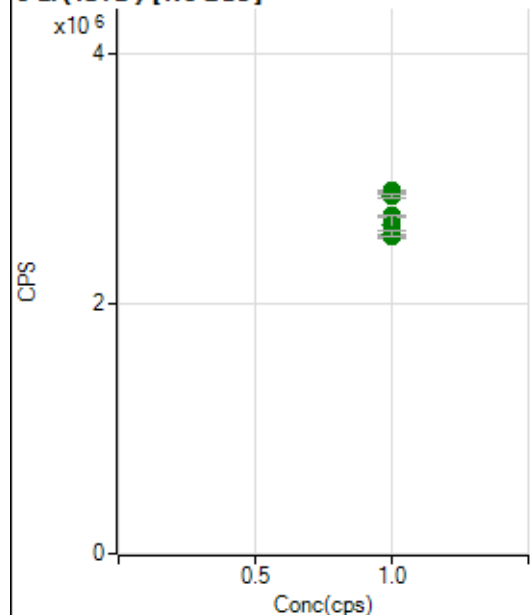
$$R = 0.9997$$

$$DL = 0.001324$$

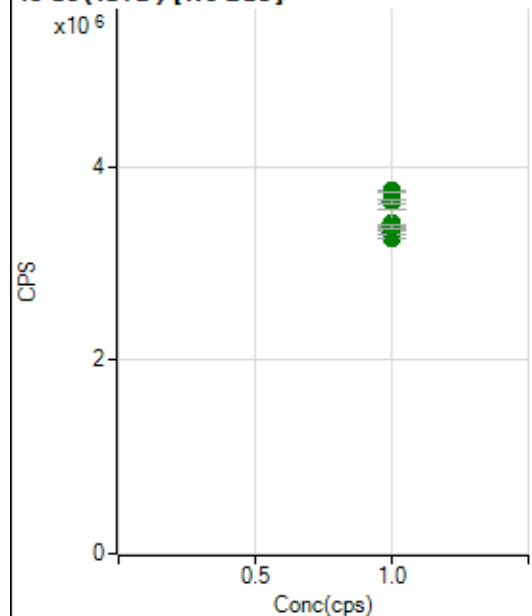
$$BEC = 0.002021$$

Weight: <None>

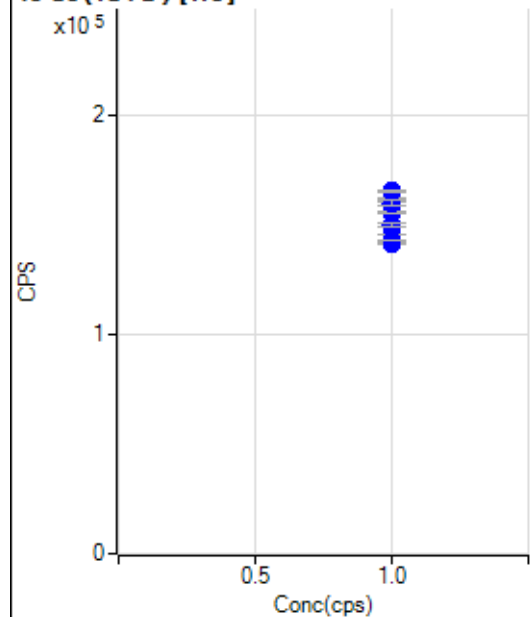
Min Conc: 0

6 Li (ISTD) [No Gas]

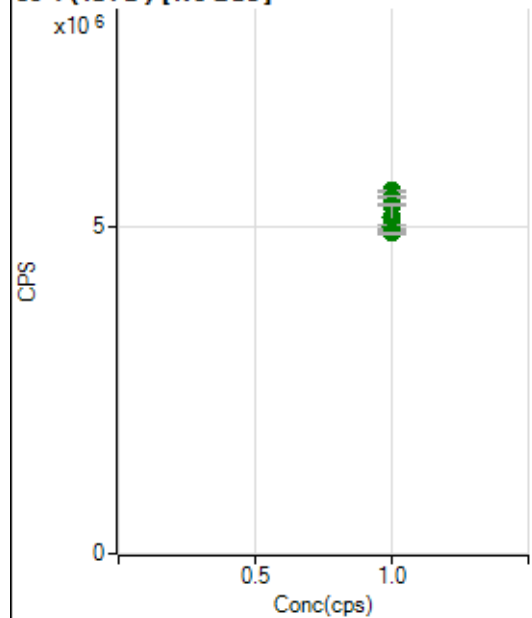
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		2897775.83		A	0.3
2	☐	1.000					
3	☐	1.000		2880282.53		A	0.5
4	☐	1.000		2858484.09		A	0.9
5	☐	1.000		2700479.16		A	0.7
6	☐	1.000		2582615.59		A	0.3
7	☐	1.000		2628041.00		A	6.1
8	☐	1.000		2530432.57		A	0.7
9	☐	1.000		2550756.49		A	1.9

45 Sc (ISTD) [No Gas]

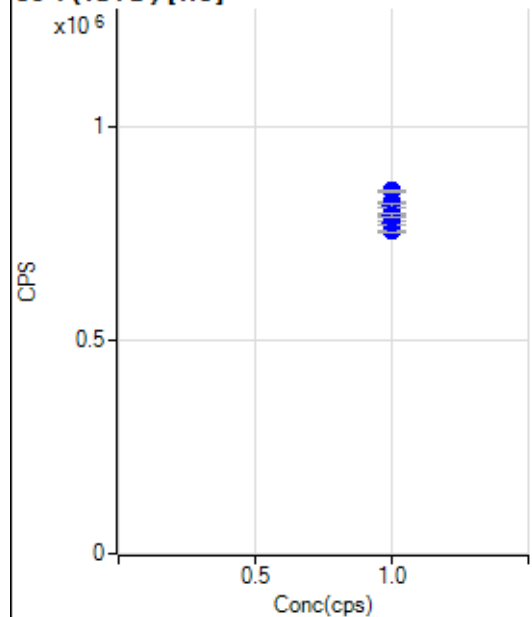
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		3753673.48		A	0.4
2	☐	1.000					
3	☐	1.000		3742213.10		A	0.1
4	☐	1.000		3643858.42		A	0.8
5	☐	1.000		3393038.75		A	0.5
6	☐	1.000		3265145.36		A	0.2
7	☐	1.000		3431039.03		A	7.7
8	☐	1.000		3325988.62		A	1.3
9	☐	1.000		3388673.08		A	1.1

45 Sc (ISTD) [He]

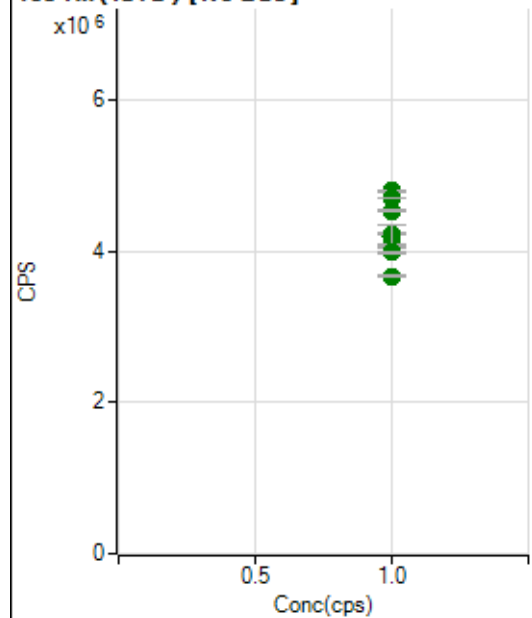
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		161241.46		P	0.8
2	☐	1.000					
3	☐	1.000		165358.04		P	0.6
4	☐	1.000		155316.24		P	0.7
5	☐	1.000		145476.32		P	0.4
6	☐	1.000		141347.45		P	0.3
7	☐	1.000		142873.93		P	0.3
8	☐	1.000		149881.07		P	1.1
9	☐	1.000		159736.95		P	1.5

89 Y (ISTD) [No Gas]

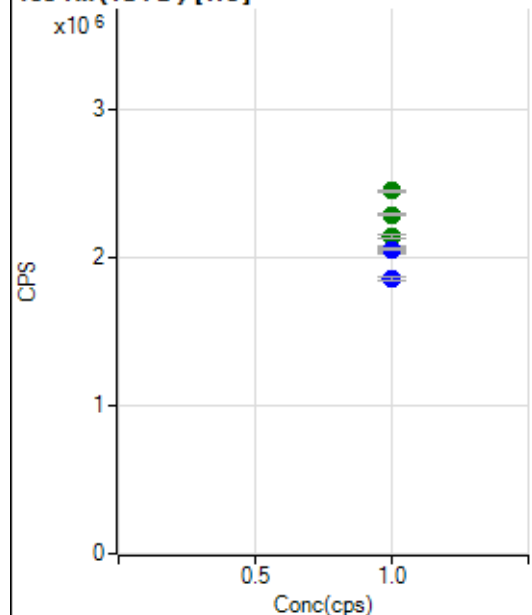
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		5562468.95		A	0.6
2	☐	1.000					
3	☐	1.000		5464244.92		A	0.4
4	☐	1.000		5344921.93		A	0.7
5	☐	1.000		5045123.05		A	0.3
6	☐	1.000		4914030.00		A	0.2
7	☐	1.000		5145294.86		A	7.3
8	☐	1.000		5015956.25		A	0.9
9	☐	1.000		4910046.01		A	1.1

89 Y(ISTD) [He]

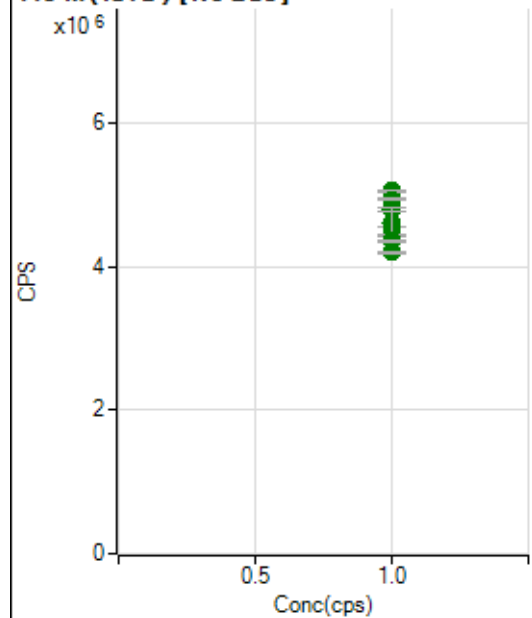
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		825055.99		P	0.6
2	☐	1.000					
3	☐	1.000		851033.42		P	0.7
4	☐	1.000		815588.82		P	1.3
5	☐	1.000		776363.69		P	1.0
6	☐	1.000		756757.21		P	0.3
7	☐	1.000		774881.44		P	1.2
8	☐	1.000		791458.28		P	0.7
9	☐	1.000		793497.62		P	1.5

103 Rh(ISTD) [No Gas]

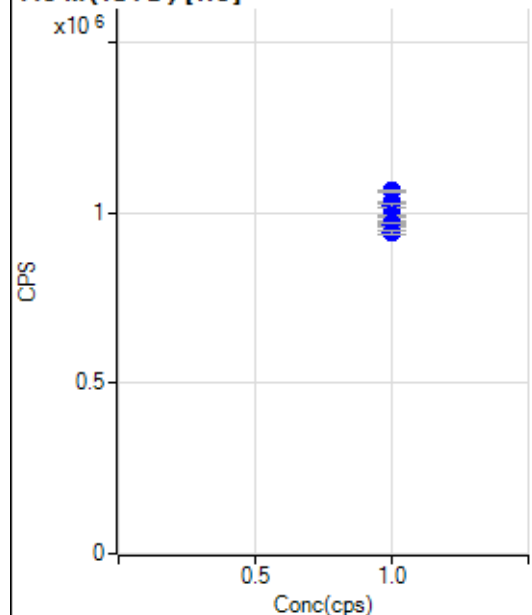
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		4805830.06		A	0.3
2	☐	1.000					
3	☐	1.000		4707800.24		A	0.1
4	☐	1.000		4537962.21		A	0.5
5	☐	1.000		4236725.70		A	0.8
6	☐	1.000		4092928.91		A	0.6
7	☐	1.000		4200866.24		A	7.4
8	☐	1.000		3993652.30		A	0.9
9	☐	1.000		3679952.99		A	1.1

103 Rh (ISTD) [He]

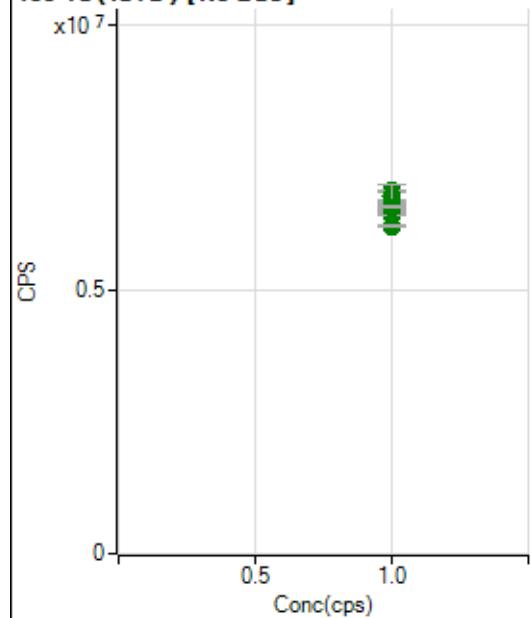
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		2445240.97		A	0.4
2	☐	1.000					
3	☐	1.000		2285318.30		A	0.7
4	☐	1.000		2139406.97		A	1.1
5	☐	1.000		2046444.41		M	2.4
6	☐	1.000		2045489.41		P	0.6
7	☐	1.000		2042403.48		P	0.5
8	☐	1.000		2054086.55		P	0.9
9	☐	1.000		1855966.92		P	1.5

115 In (ISTD) [No Gas]

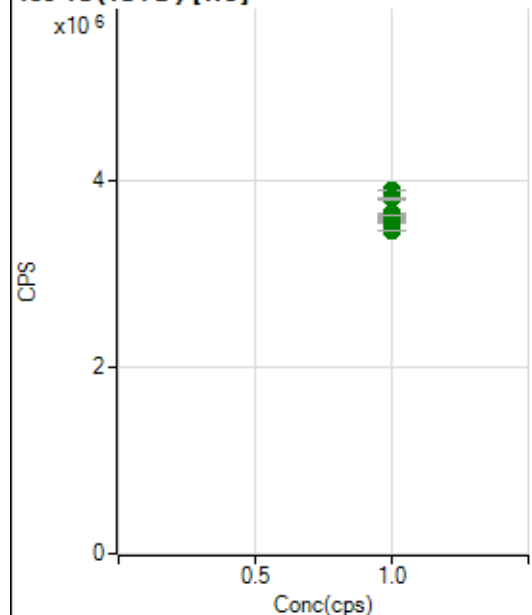
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		5064577.87		A	0.4
2	☐	1.000					
3	☐	1.000		4943927.23		A	0.4
4	☐	1.000		4804682.09		A	0.9
5	☐	1.000		4560282.21		A	0.1
6	☐	1.000		4429508.98		A	0.6
7	☐	1.000		4606974.73		A	7.1
8	☐	1.000		4369447.86		A	0.8
9	☐	1.000		4213602.54		A	0.6

115 In (ISTD) [He]

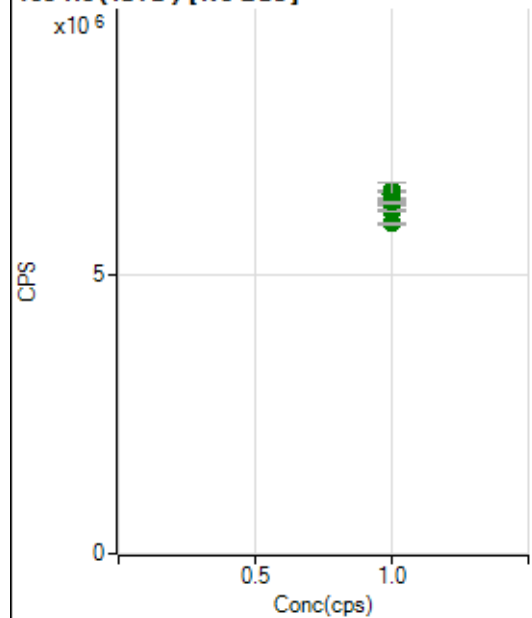
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		1028911.93		P	0.4
2	☐	1.000					
3	☐	1.000		1063523.67		P	0.8
4	☐	1.000		1021888.44		P	1.2
5	☐	1.000		990983.24		P	0.5
6	☐	1.000		964471.48		P	0.3
7	☐	1.000		968669.74		P	1.0
8	☐	1.000		963157.50		P	1.3
9	☐	1.000		939661.68		P	1.3

159 Tb (ISTD) [No Gas]

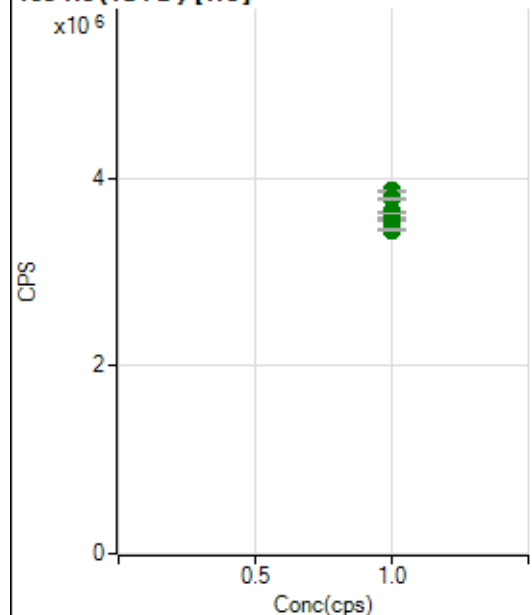
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		6870517.19		A	0.6
2	☐	1.000					
3	☐	1.000		6665899.97		A	0.6
4	☐	1.000		6617800.87		A	0.6
5	☐	1.000		6460231.92		A	0.4
6	☐	1.000		6421822.06		A	0.1
7	☐	1.000		6755485.52		A	6.8
8	☐	1.000		6567641.64		A	0.7
9	☐	1.000		6203847.68		A	0.6

159 Tb (ISTD) [He]

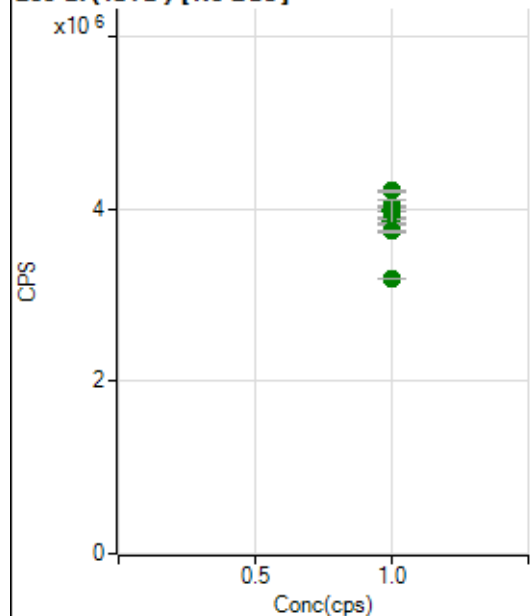
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		3885813.41		A	0.1
2	☐	1.000					
3	☐	1.000		3801819.07		A	0.5
4	☐	1.000		3641128.59		A	0.6
5	☐	1.000		3585658.66		A	0.7
6	☐	1.000		3543002.45		A	0.3
7	☐	1.000		3584988.45		A	0.3
8	☐	1.000		3622731.65		A	0.2
9	☐	1.000		3458880.58		A	0.4

165 Ho (ISTD) [No Gas]

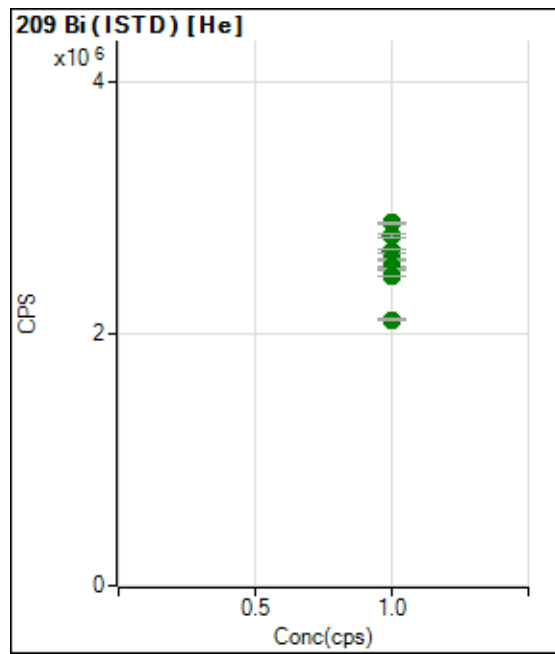
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		6506550.53		A	0.5
2	☐	1.000					
3	☐	1.000		6370609.86		A	0.7
4	☐	1.000		6313270.80		A	1.0
5	☐	1.000		6160603.13		A	0.5
6	☐	1.000		6151364.03		A	0.4
7	☐	1.000		6449190.90		A	6.5
8	☐	1.000		6294364.16		A	0.6
9	☐	1.000		5926165.19		A	0.8

165 Ho (ISTD) [He]

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		3869105.67		A	0.2
2	☐	1.000					
3	☐	1.000		3784115.98		A	0.4
4	☐	1.000		3643546.75		A	0.9
5	☐	1.000		3577204.36		A	1.0
6	☐	1.000		3554835.92		A	0.1
7	☐	1.000		3594457.86		A	0.2
8	☐	1.000		3623180.12		A	0.1
9	☐	1.000		3451051.65		A	0.8

209 Bi (ISTD) [No Gas]

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		4215139.66		A	0.2
2	☐	1.000					
3	☐	1.000		4042242.30		A	0.3
4	☐	1.000		3998946.47		A	0.9
5	☐	1.000		3907980.64		A	0.4
6	☐	1.000		3865062.41		A	1.1
7	☐	1.000		3966763.38		A	6.8
8	☐	1.000		3748160.46		A	0.5
9	☐	1.000		3187481.20		A	0.1



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		2875501.35		A	0.3
2	☐	1.000					
3	☐	1.000		2773101.07		A	0.8
4	☐	1.000		2652577.83		A	1.0
5	☐	1.000		2584767.65		A	0.5
6	☐	1.000		2530909.49		A	0.4
7	☐	1.000		2510182.90		A	0.5
8	☐	1.000		2454919.75		A	0.2
9	☐	1.000		2109844.38		A	0.7

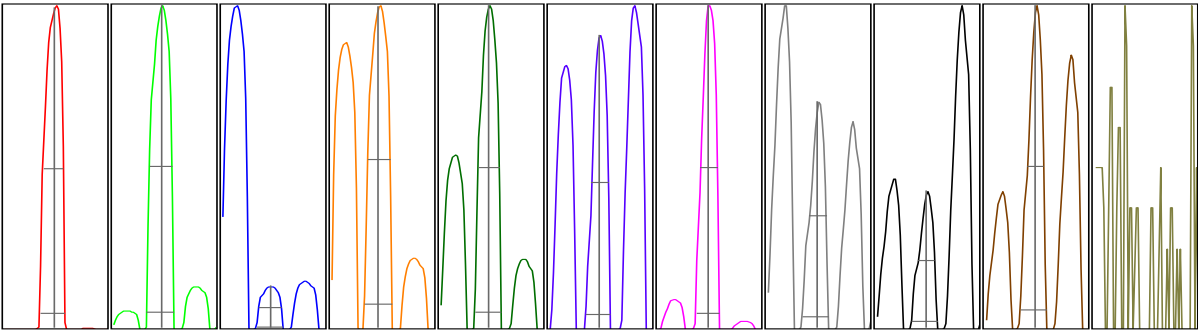
US EPA Tune Check Sample Report

Batch Folder D:\ICP-MS Data\P7100118MS.b
Report Comment
Instrument Name G8403A JP14410463

[No Gas]					
Mass	Count	RSD%	RSD%	RSD%	
	(Mean)	(Actual)	(Required)	(Flag)	
9	10771	1.07	5.00		
24	825082	1.25	5.00		
25	111184	1.08	5.00		
26	124029	1.04	5.00		
59	56979	1.17	5.00		
113	6831	1.22	5.00		
115	81573	1.28	5.00		
206	19911	1.45	5.00		
207	18133	1.46	5.00		
208	42564	1.25	5.00		
220	0	55.90			

Mass	Replicate 1	Replicate 2	Replicate 3	Replicate 4	Replicate 5
	Count	Count	Count	Count	Count
9	10754	10827	10609	10744	10922
24	833727	827599	808795	822040	833250
25	111647	111468	109190	111218	112396
26	123866	124421	122029	124253	125579
59	57315	57198	55894	56857	57630
113	6865	6887	6701	6799	6906
115	82246	82288	79868	81268	82194
206	19708	19953	19547	20073	20275
207	18138	18150	17773	18090	18516
208	42348	42731	41819	42647	43274
220	0	0	0	0	0

Integration Time [sec] = 0.1



Mass	Peak	Axis	Axis	Axis	Width-X%	Width-X%	Width-
	Height	(Actual)	(Required)	(Flag)	(Actual)	(Required)	X% (Flag)
9	18699	9.00	8.9 - 9.1		0.736	0.900	
24	1350342	23.95	23.9 - 24.1		0.786	0.900	
25	179231	24.95	24.9 - 25.1		0.781	0.900	
26	201938	25.90	25.9 - 26.1		0.804	0.900	
59	99569	58.95	58.9 - 59.1		0.774	0.900	
113	13776	113.00	112.9 - 113.1		0.713	0.900	
115	165189	115.00	114.9 - 115.1		0.686	0.900	
206	41001	206.00	205.9 - 206.1		0.764	0.900	
207	37459	207.00	206.9 - 207.1		0.748	0.900	
208	87995	208.00	207.9 - 208.1		0.762	0.900	
220	0	219.65	-		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	7.2	V	Deflect	15.2	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	160	V			

[He]

Mass	Count	RSD%	RSD%
	(Mean)	(Actual)	(Required)
59	13960	1.47	
89	363771	1.32	
205	18564	1.79	

Mass	Replicate 1	Replicate 2	Replicate 3	Replicate 4	Replicate 5
	Count	Count	Count	Count	Count
59	14078	13993	14049	14084	13598
89	364640	364443	367141	367155	355476
205	18691	18573	18827	18737	17991

Integration Time [sec] = 0.1

Tune Parameters

Plasma Paramters

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

Lenses Parameters

ParameterName	Value	Unit	ParameterName	Value	Unit	ParameterName	Value	Unit
Extract 1	0.0	V	Omega Lens	8.5	V	Deflect	2.0	V
Extract 2	-125.0	V	Cell Entrance	-40	V	Plate Bias	-60	V
Omega Bias	-70	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 :	LB98267	Operator :	Jaswal
Lab Sample ID :	S0	Instrumnet Name :	P7
Client Sample ID :	S0	Dilution Factor :	1
Date & Time Acquired ::	2018-10-01 10:22:00	DataFile Name :	003CALB.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	0.08	-0.38	0.30	0.00	N/A	ppb
Antimony	121-1	0.00	0.00	0.00	0.00	N/A	ppb
Arsenic	75-1	0.02	-0.06	0.04	0.00	N/A	ppb
Barium	135-1	0.00	0.00	0.00	0.00	N/A	ppb
Barium	137-1	0.00	0.00	0.00	0.00	N/A	ppb
Beryllium	9-1	0.00	0.00	0.01	0.00	N/A	ppb
Bismuth	209-1				100		%
Bismuth	209-2				100		%
Boron	11-1	0.04	-0.15	0.11	0.00	N/A	ppb
Boron	10-1	-0.01	0.01	0.00	0.00	N/A	ppb
Cadmium	106-1	-0.20	0.34	-0.14	0.00	N/A	ppb
Cadmium	108-1	0.01	-0.06	0.05	0.00	N/A	ppb
Cadmium	111-1	-0.02	0.03	-0.01	0.00	N/A	ppb
Calcium	43-1	-0.02	0.01	0.01	0.00	N/A	ppb
Calcium	44-1	0.45	-0.71	0.26	0.00	N/A	ppb
Chromium	52-2	0.01	0.00	0.00	0.00	N/A	ppb
Cobalt	59-2	0.00	0.00	0.00	0.00	N/A	ppb
Copper	63-2	-0.01	0.01	0.01	0.00	N/A	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-2						cps
Erbium	164-1						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	0.02	0.02	-0.04	0.00	N/A	ppb
Iron	57-2	0.02	-0.29	0.27	0.00	N/A	ppb
Krypton	83-1						cps
Lead	206-1	0.00	0.00	0.00	0.00	N/A	ppb
Lead	207-1	-0.02	0.01	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	0.19	-0.07	-0.12	0.00	N/A	ppb

LB Number :	LB98267	Operator :	Jaswal
Lab Sample ID :	S0	Instrumnet Name :	P7
Client Sample ID :	S0	Dilution Factor :	1
Date & Time Acquired ::	2018-10-01 10:22:00	DataFile Name :	003CALB.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	0.00	-0.01	0.00	0.00	N/A	ppb
Molybdenum	94-1	0.03	-0.02	-0.01	0.00	N/A	ppb
Molybdenum	95-1	0.00	0.00	0.00	0.00	N/A	ppb
Molybdenum	96-1	0.00	0.00	0.01	0.00	N/A	ppb
Molybdenum	97-1	0.00	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	0.01	0.01	-0.02	0.00	N/A	ppb
Phosphorus	31-2	-5.39	-7.76	0.94	-4.07		ppb
Potassium	39-2	0.67	-2.01	1.35	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	0.15	-0.38	0.24	0.00	N/A	ppb
Selenium	82-1	-0.21	0.13	0.08	0.00	N/A	ppb
Silicon	28-1	-0.50	0.32	0.18	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	-0.03	0.86	-0.83	0.00	N/A	ppb
Strontium	86-1	-0.02	0.03	-0.01	0.00	N/A	ppb
Strontium	88-1	0.00	0.00	0.00	0.00	N/A	ppb
Sulfur	34-1	-128.08	-145.07	-114.79	-129.31		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	-0.02	0.00	0.02	0.00	N/A	ppb
Titanium	47-1	0.01	0.00	-0.01	0.00	N/A	ppb
Uranium	238-1	0.00	0.00	0.00	0.00	N/A	ppb
Vanadium	51-2	0.00	0.00	0.00	0.00	N/A	ppb
Yttrium	89-1				100		%
Yttrium	89-2				100		%

LB Number :	LB98267	Operator :	Jaswal
Lab Sample ID :	S0	Instrumnet Name :	P7
Client Sample ID :	S0	Dilution Factor :	1
Date & Time Acquired ::	2018-10-01 10:22:00	DataFile Name :	003CALB.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zinc	66-2	0.01	0.03	-0.04	0.00	N/A	ppb
Zirconium	90-1	0.00	0.01	-0.01	0.00	N/A	ppb
Zirconium	91-1	-0.02	0.01	0.01	0.00	N/A	ppb

LB Number :	LB98267	Operator :	Jaswal
Lab Sample ID :	S2	Instrumnet Name :	P7
Client Sample ID :	S2	Dilution Factor :	1
Date & Time Acquired ::	2018-10-01 10:30:10	DataFile Name :	005CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	18.70	20.49	17.43	18.88	8.15	ppb
Antimony	121-1	2.00	2.09	2.05	2.05	2.39	ppb
Arsenic	75-1	0.91	0.96	1.43	1.10	26.06	ppb
Barium	135-1	10.32	10.10	10.64	10.36	2.61	ppb
Barium	137-1	9.88	10.52	10.42	10.27	3.34	ppb
Beryllium	9-1	1.10	1.13	1.03	1.09	4.73	ppb
Bismuth	209-1				96		%
Bismuth	209-2				96		%
Boron	11-1	22.58	23.65	22.97	23.07	2.34	ppb
Boron	10-1	22.29	24.50	23.33	23.37	4.74	ppb
Cadmium	106-1	2.93	3.31	3.14	3.13	6.06	ppb
Cadmium	108-1	0.93	1.06	0.94	0.98	7.21	ppb
Cadmium	111-1	1.24	1.32	1.38	1.31	5.24	ppb
Calcium	43-1	468.78	457.16	483.07	469.67	2.76	ppb
Calcium	44-1	465.83	466.69	474.44	468.98	1.01	ppb
Chromium	52-2	2.26	2.26	2.15	2.22	2.66	ppb
Cobalt	59-2	1.01	1.10	1.09	1.07	4.58	ppb
Copper	63-2	2.20	2.27	2.29	2.25	2.07	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-2						cps
Erbium	164-1						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				98		%
Holmium	165-2				98		%
Indium	115-1				98		%
Indium	115-2				103		%
Iron	56-2	51.46	52.42	52.52	52.13	1.12	ppb
Iron	57-2	52.99	56.98	54.43	54.80	3.69	ppb
Krypton	83-1						cps
Lead	206-1	0.99	0.98	1.00	0.99	0.82	ppb
Lead	207-1	0.99	1.01	0.99	1.00	1.20	ppb
Lead	208-1	0.99	0.99	1.00	0.99	0.57	ppb
Lithium	6-1				99		%
Magnesium	24-2	488.64	476.20	485.40	483.41	1.34	ppb

LB Number :	LB98267	Operator :	Jaswal
Lab Sample ID :	S2	Instrumnet Name :	P7
Client Sample ID :	S2	Dilution Factor :	1
Date & Time Acquired ::	2018-10-01 10:30:10	DataFile Name :	005CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	1.15	1.05	1.10	1.10	4.44	ppb
Molybdenum	94-1	5.27	4.97	4.76	5.00	5.04	ppb
Molybdenum	95-1	5.06	4.99	4.69	4.91	4.01	ppb
Molybdenum	96-1	5.07	5.18	4.86	5.04	3.23	ppb
Molybdenum	97-1	4.99	5.02	4.73	4.91	3.24	ppb
Molybdenum	98-1	5.15	4.99	5.01	5.05	1.69	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	1.28	1.11	1.29	1.23	8.21	ppb
Phosphorus	31-2	2.52	11.26	-1.57	4.07	161.10	ppb
Potassium	39-2	479.67	478.84	483.31	480.61	0.49	ppb
Rhodium	103-1				98		%
Rhodium	103-2				93		%
Scandium	45-1				100		%
Scandium	45-2				103		%
Selenium	77-2	4.29	7.90	7.39	6.53	29.95	ppb
Selenium	78-2	5.82	4.85	5.76	5.48	9.95	ppb
Selenium	82-1	5.34	6.03	4.94	5.44	10.12	ppb
Silicon	28-1	13.61	13.56	13.20	13.46	1.65	ppb
Silver	109-1	1.09	1.17	1.13	1.13	3.66	ppb
Silver	107-1	1.10	1.14	1.17	1.14	3.12	ppb
Sodium	23-2	475.90	462.37	487.26	475.17	2.62	ppb
Strontium	86-1	0.99	0.89	1.07	0.98	9.26	ppb
Strontium	88-1	1.01	1.00	1.08	1.03	3.96	ppb
Sulfur	34-1	93.78	149.27	144.89	129.31	23.86	ppb
Terbium	159-1				97		%
Terbium	159-2				98		%
Thallium	203-1	0.93	1.04	1.01	0.99	5.51	ppb
Thallium	205-1	0.99	0.99	0.96	0.98	1.54	ppb
Thorium	232-1	0.90	0.92	0.91	0.91	1.17	ppb
Tin	118-1	5.23	5.16	5.28	5.23	1.11	ppb
Titanium	47-1	5.06	4.74	5.33	5.04	5.83	ppb
Uranium	238-1	0.99	0.95	0.98	0.97	1.90	ppb
Vanadium	51-2	4.98	5.09	4.83	4.97	2.60	ppb
Yttrium	89-1				98		%
Yttrium	89-2				103		%

LB Number :	LB98267	Operator :	Jaswal
Lab Sample ID :	S2	Instrumnet Name :	P7
Client Sample ID :	S2	Dilution Factor :	1
Date & Time Acquired ::	2018-10-01 10:30:10	DataFile Name :	005CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zinc	66-2	1.89	2.34	1.94	2.06	11.89	ppb
Zirconium	90-1	0.99	1.03	1.01	1.01	1.53	ppb
Zirconium	91-1	1.05	1.06	1.06	1.06	0.40	ppb

LB Number :	LB98267	Operator :	Jaswal
Lab Sample ID :	S3	Instrumnet Name :	P7
Client Sample ID :	S3	Dilution Factor :	1
Date & Time Acquired ::	2018-10-01 10:34:05	DataFile Name :	006CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	1013.31	1014.74	1022.11	1016.72	0.46	ppb
Antimony	121-1	55.25	55.20	54.92	55.12	0.33	ppb
Arsenic	75-1	54.71	54.09	53.87	54.22	0.80	ppb
Barium	135-1	271.89	270.88	271.65	271.48	0.19	ppb
Barium	137-1	275.81	269.36	273.27	272.81	1.19	ppb
Beryllium	9-1	55.15	56.91	54.68	55.58	2.11	ppb
Bismuth	209-1				95		%
Bismuth	209-2				92		%
Boron	11-1	50.23	51.95	52.30	51.49	2.15	ppb
Boron	10-1	48.10	49.03	51.52	49.55	3.57	ppb
Cadmium	106-1	57.17	61.41	56.65	58.41	4.47	ppb
Cadmium	108-1	58.80	55.44	56.95	57.06	2.95	ppb
Cadmium	111-1	59.20	58.41	58.14	58.58	0.94	ppb
Calcium	43-1	4913.59	4896.52	4861.34	4890.48	0.54	ppb
Calcium	44-1	4848.66	4882.11	4834.09	4854.95	0.51	ppb
Chromium	52-2	54.59	55.14	54.46	54.73	0.66	ppb
Cobalt	59-2	56.31	56.67	55.42	56.13	1.15	ppb
Copper	63-2	114.43	114.68	112.09	113.73	1.25	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-2						cps
Erbium	164-1						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				97		%
Holmium	165-2				94		%
Indium	115-1				95		%
Indium	115-2				99		%
Iron	56-2	2694.07	2728.32	2674.51	2698.97	1.01	ppb
Iron	57-2	2739.88	2808.71	2720.15	2756.25	1.69	ppb
Krypton	83-1						cps
Lead	206-1	51.52	51.17	50.97	51.22	0.53	ppb
Lead	207-1	51.45	51.58	50.47	51.17	1.19	ppb
Lead	208-1	51.46	51.16	50.84	51.15	0.61	ppb
Lithium	6-1				99		%
Magnesium	24-2	5169.39	5226.90	5094.16	5163.48	1.29	ppb

LB Number :	LB98267	Operator :	Jaswal
Lab Sample ID :	S3	Instrumnet Name :	P7
Client Sample ID :	S3	Dilution Factor :	1
Date & Time Acquired ::	2018-10-01 10:34:05	DataFile Name :	006CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	109.62	110.34	107.83	109.27	1.18	ppb
Molybdenum	94-1	259.32	261.64	256.17	259.04	1.06	ppb
Molybdenum	95-1	258.97	260.64	254.44	258.02	1.24	ppb
Molybdenum	96-1	260.10	259.80	256.88	258.92	0.69	ppb
Molybdenum	97-1	258.97	259.74	255.68	258.13	0.84	ppb
Molybdenum	98-1	260.42	260.97	257.13	259.51	0.80	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	56.59	56.30	56.05	56.31	0.48	ppb
Phosphorus	31-2	1075.38	1104.16	1174.93	1118.15	4.58	ppb
Potassium	39-2	2501.64	2514.97	2462.49	2493.03	1.09	ppb
Rhodium	103-1				94		%
Rhodium	103-2				87		%
Scandium	45-1				97		%
Scandium	45-2				96		%
Selenium	77-2	58.82	58.99	54.71	57.51	4.22	ppb
Selenium	78-2	57.88	52.98	53.45	54.77	4.94	ppb
Selenium	82-1	55.06	55.48	53.87	54.81	1.52	ppb
Silicon	28-1	49.19	50.65	48.79	49.54	1.98	ppb
Silver	109-1	59.89	60.21	59.03	59.71	1.02	ppb
Silver	107-1	59.59	59.53	59.47	59.53	0.10	ppb
Sodium	23-2	5002.24	5005.51	4946.55	4984.77	0.66	ppb
Strontium	86-1	53.37	52.70	53.36	53.14	0.73	ppb
Strontium	88-1	52.04	52.33	51.55	51.97	0.76	ppb
Sulfur	34-1	1163.65	1169.53	1113.41	1148.86	2.68	ppb
Terbium	159-1				96		%
Terbium	159-2				94		%
Thallium	203-1	49.32	49.28	49.21	49.27	0.12	ppb
Thallium	205-1	50.62	51.46	51.32	51.13	0.87	ppb
Thorium	232-1	48.46	48.20	47.24	47.97	1.34	ppb
Tin	118-1	54.07	53.94	53.34	53.78	0.72	ppb
Titanium	47-1	258.79	260.67	255.63	258.36	0.99	ppb
Uranium	238-1	48.76	49.14	47.78	48.56	1.44	ppb
Vanadium	51-2	53.46	54.22	52.40	53.36	1.72	ppb
Yttrium	89-1				96		%
Yttrium	89-2				99		%

LB Number :	LB98267	Operator :	Jaswal
Lab Sample ID :	S3	Instrumnet Name :	P7
Client Sample ID :	S3	Dilution Factor :	1
Date & Time Acquired ::	2018-10-01 10:34:05	DataFile Name :	006CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zinc	66-2	166.18	168.04	165.16	166.46	0.88	ppb
Zirconium	90-1	50.65	50.96	50.22	50.61	0.73	ppb
Zirconium	91-1	52.53	51.76	51.01	51.77	1.48	ppb

LB Number :	LB98267	Operator :	Jaswal
Lab Sample ID :	S4	Instrumnet Name :	P7
Client Sample ID :	S4	Dilution Factor :	1
Date & Time Acquired ::	2018-10-01 10:38:18	DataFile Name :	007CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	2498.64	2510.92	2520.62	2510.06	0.44	ppb
Antimony	121-1	136.21	137.47	137.91	137.20	0.65	ppb
Arsenic	75-1	140.24	138.70	141.40	140.11	0.97	ppb
Barium	135-1	677.04	670.64	674.83	674.17	0.48	ppb
Barium	137-1	666.70	671.46	671.83	669.99	0.43	ppb
Beryllium	9-1	139.46	139.70	140.26	139.80	0.29	ppb
Bismuth	209-1				93		%
Bismuth	209-2				90		%
Boron	11-1	128.79	129.64	133.35	130.59	1.86	ppb
Boron	10-1	126.87	131.73	138.19	132.26	4.29	ppb
Cadmium	106-1	142.19	145.90	149.78	145.96	2.60	ppb
Cadmium	108-1	146.87	147.50	144.40	146.25	1.12	ppb
Cadmium	111-1	145.28	148.40	150.87	148.18	1.89	ppb
Calcium	43-1	12558.67	12585.20	12472.70	12538.86	0.47	ppb
Calcium	44-1	12158.43	12142.31	12196.28	12165.68	0.23	ppb
Chromium	52-2	135.72	135.63	134.45	135.27	0.53	ppb
Cobalt	59-2	137.92	138.85	138.78	138.52	0.37	ppb
Copper	63-2	279.37	282.98	279.78	280.71	0.70	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-2						cps
Erbium	164-1						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				95		%
Holmium	165-2				92		%
Indium	115-1				90		%
Indium	115-2				96		%
Iron	56-2	6685.25	6717.26	6681.76	6694.75	0.29	ppb
Iron	57-2	6869.11	6941.73	6891.25	6900.70	0.54	ppb
Krypton	83-1						cps
Lead	206-1	131.01	130.06	131.31	130.80	0.50	ppb
Lead	207-1	130.65	130.23	131.63	130.84	0.55	ppb
Lead	208-1	129.87	129.49	130.08	129.81	0.23	ppb
Lithium	6-1				93		%
Magnesium	24-2	12694.52	12674.45	12631.96	12666.98	0.25	ppb

LB Number :	LB98267	Operator :	Jaswal
Lab Sample ID :	S4	Instrumnet Name :	P7
Client Sample ID :	S4	Dilution Factor :	1
Date & Time Acquired ::	2018-10-01 10:38:18	DataFile Name :	007CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	272.04	275.85	273.70	273.86	0.70	ppb
Molybdenum	94-1	654.33	654.76	659.79	656.30	0.46	ppb
Molybdenum	95-1	658.18	646.68	650.68	651.85	0.90	ppb
Molybdenum	96-1	651.64	651.63	647.62	650.29	0.36	ppb
Molybdenum	97-1	654.66	650.70	658.01	654.46	0.56	ppb
Molybdenum	98-1	650.10	646.45	645.14	647.23	0.40	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	138.41	138.08	138.78	138.42	0.25	ppb
Phosphorus	31-2	2727.40	2603.31	2632.02	2654.25	2.45	ppb
Potassium	39-2	6166.78	6211.18	6162.80	6180.25	0.43	ppb
Rhodium	103-1				88		%
Rhodium	103-2				84		%
Scandium	45-1				90		%
Scandium	45-2				90		%
Selenium	77-2	149.04	141.76	127.55	139.45	7.84	ppb
Selenium	78-2	139.55	137.38	135.37	137.43	1.52	ppb
Selenium	82-1	139.25	140.61	139.06	139.64	0.61	ppb
Silicon	28-1	122.90	121.49	123.01	122.47	0.69	ppb
Silver	109-1	145.77	146.75	146.52	146.35	0.35	ppb
Silver	107-1	145.01	143.81	147.35	145.39	1.24	ppb
Sodium	23-2	12409.59	12453.58	12395.26	12419.48	0.24	ppb
Strontium	86-1	134.77	134.97	134.89	134.87	0.07	ppb
Strontium	88-1	128.93	130.20	130.32	129.82	0.59	ppb
Sulfur	34-1	2939.77	2915.56	2935.91	2930.41	0.44	ppb
Terbium	159-1				94		%
Terbium	159-2				92		%
Thallium	203-1	125.77	125.08	126.88	125.91	0.72	ppb
Thallium	205-1	128.28	128.21	128.90	128.46	0.29	ppb
Thorium	232-1	122.75	121.91	122.12	122.26	0.36	ppb
Tin	118-1	133.97	134.64	134.90	134.50	0.36	ppb
Titanium	47-1	651.79	653.70	657.78	654.42	0.47	ppb
Uranium	238-1	123.53	122.22	122.57	122.77	0.55	ppb
Vanadium	51-2	133.00	132.77	132.79	132.85	0.10	ppb
Yttrium	89-1				91		%
Yttrium	89-2				94		%

LB Number :	LB98267	Operator :	Jaswal
Lab Sample ID :	S4	Instrumnet Name :	P7
Client Sample ID :	S4	Dilution Factor :	1
Date & Time Acquired ::	2018-10-01 10:38:18	DataFile Name :	007CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zinc	66-2	607.61	616.44	607.88	610.64	0.82	ppb
Zirconium	90-1	129.24	128.07	129.19	128.84	0.51	ppb
Zirconium	91-1	134.25	133.88	133.94	134.02	0.15	ppb

LB Number :	LB98267	Operator :	Jaswal
Lab Sample ID :	S5	Instrumnet Name :	P7
Client Sample ID :	S5	Dilution Factor :	1
Date & Time Acquired ::	2018-10-01 10:42:09	DataFile Name :	008CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	4941.45	4945.95	4927.74	4938.38	0.19	ppb
Antimony	121-1	259.95	261.85	264.71	262.17	0.92	ppb
Arsenic	75-1	268.81	271.46	271.80	270.69	0.61	ppb
Barium	135-1	1272.53	1291.56	1293.62	1285.90	0.90	ppb
Barium	137-1	1288.73	1294.01	1305.40	1296.05	0.66	ppb
Beryllium	9-1	270.95	276.40	274.85	274.07	1.02	ppb
Bismuth	209-1				92		%
Bismuth	209-2				88		%
Boron	11-1	251.71	261.75	263.84	259.10	2.50	ppb
Boron	10-1	257.07	257.11	265.67	259.95	1.91	ppb
Cadmium	106-1	273.58	273.32	277.95	274.95	0.95	ppb
Cadmium	108-1	274.37	279.34	281.27	278.32	1.28	ppb
Cadmium	111-1	278.36	280.19	282.16	280.24	0.68	ppb
Calcium	43-1	24401.15	24608.00	24708.11	24572.42	0.64	ppb
Calcium	44-1	24167.65	24111.50	24156.33	24145.16	0.12	ppb
Chromium	52-2	264.60	266.79	265.30	265.56	0.42	ppb
Cobalt	59-2	271.02	271.13	271.15	271.10	0.02	ppb
Copper	63-2	541.10	542.04	545.81	542.98	0.46	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-2						cps
Erbium	164-1						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				95		%
Holmium	165-2				92		%
Indium	115-1				87		%
Indium	115-2				94		%
Iron	56-2	13325.78	13231.24	13231.09	13262.70	0.41	ppb
Iron	57-2	13551.45	13567.20	13643.88	13587.51	0.36	ppb
Krypton	83-1						cps
Lead	206-1	250.08	250.81	251.68	250.86	0.32	ppb
Lead	207-1	254.38	254.09	255.63	254.70	0.32	ppb
Lead	208-1	252.84	251.94	253.33	252.70	0.28	ppb
Lithium	6-1				89		%
Magnesium	24-2	25320.42	25247.98	25191.43	25253.28	0.26	ppb

LB Number :	LB98267	Operator :	Jaswal
Lab Sample ID :	S5	Instrumnet Name :	P7
Client Sample ID :	S5	Dilution Factor :	1
Date & Time Acquired ::	2018-10-01 10:42:09	DataFile Name :	008CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	541.74	539.50	538.32	539.86	0.32	ppb
Molybdenum	94-1	1276.85	1282.98	1286.36	1282.06	0.38	ppb
Molybdenum	95-1	1274.79	1285.36	1287.93	1282.69	0.54	ppb
Molybdenum	96-1	1276.91	1286.37	1291.96	1285.08	0.59	ppb
Molybdenum	97-1	1277.89	1280.98	1287.90	1282.26	0.40	ppb
Molybdenum	98-1	1285.22	1288.96	1295.71	1289.97	0.41	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	272.35	273.90	270.93	272.39	0.55	ppb
Phosphorus	31-2	5381.58	5160.48	5294.54	5278.87	2.11	ppb
Potassium	39-2	11970.23	12055.92	11930.54	11985.56	0.53	ppb
Rhodium	103-1				85		%
Rhodium	103-2				84		%
Scandium	45-1				87		%
Scandium	45-2				88		%
Selenium	77-2	255.08	285.29	251.43	263.93	7.04	ppb
Selenium	78-2	262.19	266.35	265.26	264.60	0.81	ppb
Selenium	82-1	270.74	273.80	272.20	272.25	0.56	ppb
Silicon	28-1	235.31	236.99	236.03	236.11	0.36	ppb
Silver	109-1	270.23	272.45	275.02	272.57	0.88	ppb
Silver	107-1	266.97	270.57	274.12	270.55	1.32	ppb
Sodium	23-2	24790.01	24525.46	24589.08	24634.85	0.56	ppb
Strontium	86-1	260.39	266.89	267.06	264.78	1.44	ppb
Strontium	88-1	256.12	258.52	256.71	257.12	0.49	ppb
Sulfur	34-1	5378.84	5593.61	5401.83	5458.10	2.16	ppb
Terbium	159-1				93		%
Terbium	159-2				91		%
Thallium	203-1	244.76	244.65	248.30	245.90	0.85	ppb
Thallium	205-1	253.66	250.39	253.57	252.54	0.74	ppb
Thorium	232-1	249.04	245.10	248.02	247.39	0.83	ppb
Tin	118-1	257.63	258.17	263.13	259.65	1.17	ppb
Titanium	47-1	1263.84	1294.20	1284.24	1280.76	1.21	ppb
Uranium	238-1	249.87	246.42	248.73	248.34	0.71	ppb
Vanadium	51-2	264.03	263.53	263.24	263.60	0.15	ppb
Yttrium	89-1				88		%
Yttrium	89-2				92		%

LB Number :	LB98267	Operator :	Jaswal
Lab Sample ID :	S5	Instrumnet Name :	P7
Client Sample ID :	S5	Dilution Factor :	1
Date & Time Acquired ::	2018-10-01 10:42:09	DataFile Name :	008CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zinc	66-2	899.33	897.50	900.54	899.12	0.17	ppb
Zirconium	90-1	254.90	256.40	257.84	256.38	0.57	ppb
Zirconium	91-1	255.52	257.40	260.33	257.75	0.94	ppb

LB Number : LB98267 Operator : Jaswal
 Lab Sample ID : S6 Instrumnet Name : P7
 Client Sample ID : S6 Dilution Factor : 1
 Date & Time Acquired :: 2018-10-01 10:45:57 DataFile Name : 009CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	9535.51	9534.54	9592.98	9554.34	0.35	ppb
Antimony	121-1	447.05	521.13	497.01	488.39	7.74	ppb
Arsenic	75-1	451.26	527.68	508.22	495.72	8.01	ppb
Barium	135-1	2227.86	2601.48	2475.50	2434.94	7.81	ppb
Barium	137-1	2235.47	2588.33	2478.41	2434.07	7.42	ppb
Beryllium	9-1	464.25	526.45	507.53	499.41	6.38	ppb
Bismuth	209-1				94		%
Bismuth	209-2				87		%
Boron	11-1	442.38	513.49	499.55	485.14	7.77	ppb
Boron	10-1	446.04	518.93	498.53	487.83	7.71	ppb
Cadmium	106-1	463.53	517.66	509.94	497.04	5.89	ppb
Cadmium	108-1	458.42	531.73	500.41	496.85	7.40	ppb
Cadmium	111-1	456.23	530.30	509.85	498.79	7.67	ppb
Calcium	43-1	40921.64	47859.90	46914.88	45232.14	8.32	ppb
Calcium	44-1	40906.48	47968.05	46679.06	45184.53	8.32	ppb
Chromium	52-2	513.01	516.93	518.93	516.29	0.58	ppb
Cobalt	59-2	515.25	513.93	516.86	515.35	0.28	ppb
Copper	63-2	1012.95	1029.90	1029.33	1024.06	0.94	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-2						cps
Erbium	164-1						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				99		%
Holmium	165-2				93		%
Indium	115-1				91		%
Indium	115-2				94		%
Iron	56-2	25759.80	25601.53	25751.37	25704.23	0.35	ppb
Iron	57-2	25967.44	26177.54	26248.38	26131.12	0.56	ppb
Krypton	83-1						cps
Lead	206-1	444.03	514.94	489.88	482.95	7.45	ppb
Lead	207-1	442.39	517.67	490.20	483.42	7.88	ppb
Lead	208-1	443.73	517.57	488.22	483.17	7.69	ppb
Lithium	6-1				91		%
Magnesium	24-2	49101.91	48729.88	48704.34	48845.37	0.46	ppb

LB Number :	LB98267	Operator :	Jaswal
Lab Sample ID :	S6	Instrumnet Name :	P7
Client Sample ID :	S6	Dilution Factor :	1
Date & Time Acquired ::	2018-10-01 10:45:57	DataFile Name :	009CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	1032.88	1041.19	1045.80	1039.96	0.63	ppb
Molybdenum	94-1	2207.76	2608.58	2450.84	2422.39	8.34	ppb
Molybdenum	95-1	2206.26	2617.56	2454.82	2426.21	8.54	ppb
Molybdenum	96-1	2217.16	2615.39	2452.07	2428.20	8.24	ppb
Molybdenum	97-1	2227.58	2608.27	2472.21	2436.02	7.92	ppb
Molybdenum	98-1	2239.90	2601.30	2477.15	2439.45	7.53	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	516.34	523.96	523.15	521.15	0.80	ppb
Phosphorus	31-2	9926.15	9894.42	10031.36	9950.64	0.72	ppb
Potassium	39-2	23675.79	23537.35	23449.01	23554.05	0.49	ppb
Rhodium	103-1				87		%
Rhodium	103-2				84		%
Scandium	45-1				91		%
Scandium	45-2				89		%
Selenium	77-2	521.44	500.27	498.40	506.70	2.53	ppb
Selenium	78-2	507.71	507.39	497.38	504.16	1.17	ppb
Selenium	82-1	453.73	536.81	507.03	499.19	8.43	ppb
Silicon	28-1	441.16	525.18	508.33	491.55	9.04	ppb
Silver	109-1	466.15	534.59	510.80	503.85	6.90	ppb
Silver	107-1	464.19	535.89	513.12	504.40	7.26	ppb
Sodium	23-2	47977.64	47817.92	47714.07	47836.55	0.28	ppb
Strontium	86-1	446.48	531.39	505.65	494.51	8.80	ppb
Strontium	88-1	444.22	520.59	492.08	485.63	7.95	ppb
Sulfur	34-1	8276.67	10364.34	9927.00	9522.67	11.56	ppb
Terbium	159-1				98		%
Terbium	159-2				92		%
Thallium	203-1	443.61	511.33	483.51	479.48	7.10	ppb
Thallium	205-1	446.58	511.64	490.06	482.76	6.86	ppb
Thorium	232-1	438.92	506.77	482.88	476.19	7.23	ppb
Tin	118-1	447.50	521.04	496.32	488.28	7.66	ppb
Titanium	47-1	2129.14	2494.33	2427.59	2350.36	8.27	ppb
Uranium	238-1	446.35	508.70	486.02	480.36	6.57	ppb
Vanadium	51-2	510.86	512.86	512.01	511.91	0.20	ppb
Yttrium	89-1				93		%
Yttrium	89-2				94		%

LB Number :	LB98267	Operator :	Jaswal
Lab Sample ID :	S6	Instrumnet Name :	P7
Client Sample ID :	S6	Dilution Factor :	1
Date & Time Acquired ::	2018-10-01 10:45:57	DataFile Name :	009CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zinc	66-2	1208.84	1219.87	1225.37	1218.03	0.69	ppb
Zirconium	90-1	444.85	515.73	491.03	483.87	7.43	ppb
Zirconium	91-1	436.84	511.07	488.05	478.65	7.94	ppb

LB Number :	LB98267	Operator :	Jaswal
Lab Sample ID :	S7	Instrumnet Name :	P7
Client Sample ID :	S7	Dilution Factor :	1
Date & Time Acquired ::	2018-10-01 10:49:43	DataFile Name :	010CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	18472.92	18430.67	18361.40	18421.66	0.31	ppb
Antimony	121-1	1001.79	1002.87	998.27	1000.98	0.24	ppb
Arsenic	75-1	992.70	992.32	999.58	994.87	0.41	ppb
Barium	135-1	5035.29	4993.13	5020.58	5016.33	0.43	ppb
Barium	137-1	5030.20	5006.83	5007.04	5014.69	0.27	ppb
Beryllium	9-1	993.38	985.77	997.30	992.15	0.59	ppb
Bismuth	209-1				89		%
Bismuth	209-2				85		%
Boron	11-1	991.02	997.66	1024.61	1004.43	1.77	ppb
Boron	10-1	986.05	997.52	1024.68	1002.75	1.98	ppb
Cadmium	106-1	982.12	992.62	1001.86	992.20	1.00	ppb
Cadmium	108-1	977.16	995.24	1002.04	991.48	1.30	ppb
Cadmium	111-1	982.80	989.03	997.33	989.72	0.74	ppb
Calcium	43-1	92873.76	92148.24	92182.72	92401.57	0.44	ppb
Calcium	44-1	94499.23	93399.56	93560.47	93819.76	0.63	ppb
Chromium	52-2	983.46	994.14	981.74	986.44	0.68	ppb
Cobalt	59-2	988.98	989.79	976.38	985.05	0.76	ppb
Copper	63-2	1979.38	1978.52	1960.20	1972.70	0.55	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-2						cps
Erbium	164-1						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				97		%
Holmium	165-2				94		%
Indium	115-1				86		%
Indium	115-2				94		%
Iron	56-2	49479.35	49754.07	49245.95	49493.12	0.51	ppb
Iron	57-2	50197.09	50848.44	50335.19	50460.24	0.68	ppb
Krypton	83-1						cps
Lead	206-1	1016.94	1000.37	1005.27	1007.53	0.84	ppb
Lead	207-1	1013.76	997.45	1007.77	1006.33	0.82	ppb
Lead	208-1	1013.38	1000.60	1007.26	1007.08	0.63	ppb
Lithium	6-1				87		%
Magnesium	24-2	96038.23	95913.54	94441.56	95464.44	0.93	ppb

LB Number :	LB98267	Operator :	Jaswal
Lab Sample ID :	S7	Instrumnet Name :	P7
Client Sample ID :	S7	Dilution Factor :	1
Date & Time Acquired ::	2018-10-01 10:49:43	DataFile Name :	010CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	1957.87	1975.34	1966.63	1966.61	0.44	ppb
Molybdenum	94-1	5071.45	4968.52	5039.30	5026.42	1.05	ppb
Molybdenum	95-1	5054.81	5010.31	5009.78	5024.97	0.51	ppb
Molybdenum	96-1	5052.69	5017.90	4999.98	5023.52	0.53	ppb
Molybdenum	97-1	5056.98	5005.25	4997.28	5019.84	0.65	ppb
Molybdenum	98-1	5055.48	4993.16	5002.45	5017.03	0.67	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	977.68	988.60	979.21	981.83	0.60	ppb
Phosphorus	31-2	19971.93	20105.61	19711.78	19929.77	1.00	ppb
Potassium	39-2	46715.95	46395.34	46198.11	46436.47	0.56	ppb
Rhodium	103-1				83		%
Rhodium	103-2				84		%
Scandium	45-1				89		%
Scandium	45-2				93		%
Selenium	77-2	982.23	1001.79	988.91	990.98	1.00	ppb
Selenium	78-2	996.74	993.69	986.99	992.47	0.50	ppb
Selenium	82-1	990.13	992.93	995.24	992.77	0.26	ppb
Silicon	28-1	1011.32	1004.42	1008.26	1008.00	0.34	ppb
Silver	109-1	995.26	985.95	986.63	989.28	0.52	ppb
Silver	107-1	986.70	995.83	986.37	989.64	0.54	ppb
Sodium	23-2	94994.08	94463.55	93976.20	94477.94	0.54	ppb
Strontium	86-1	998.06	997.97	996.95	997.66	0.06	ppb
Strontium	88-1	1011.26	1005.45	997.41	1004.71	0.69	ppb
Sulfur	34-1	20152.33	20035.34	20001.01	20062.90	0.40	ppb
Terbium	159-1				96		%
Terbium	159-2				93		%
Thallium	203-1	1017.10	1010.91	1005.61	1011.21	0.57	ppb
Thallium	205-1	1016.66	1003.11	1002.72	1007.50	0.79	ppb
Thorium	232-1	1018.81	1008.84	1011.35	1013.00	0.51	ppb
Tin	118-1	1006.37	1000.49	999.34	1002.07	0.38	ppb
Titanium	47-1	5093.88	5039.14	5056.09	5063.04	0.55	ppb
Uranium	238-1	1015.91	1006.79	1009.06	1010.59	0.47	ppb
Vanadium	51-2	987.38	994.59	986.52	989.50	0.45	ppb
Yttrium	89-1				90		%
Yttrium	89-2				96		%

LB Number :	LB98267	Operator :	Jaswal
Lab Sample ID :	S7	Instrumnet Name :	P7
Client Sample ID :	S7	Dilution Factor :	1
Date & Time Acquired ::	2018-10-01 10:49:43	DataFile Name :	010CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zinc	66-2	1731.47	1746.14	1750.80	1742.80	0.58	ppb
Zirconium	90-1	1015.88	1000.07	1001.94	1005.96	0.86	ppb
Zirconium	91-1	1017.30	998.57	1006.68	1007.52	0.93	ppb

LB Number :	LB98267	Operator :	Jaswal
Lab Sample ID :	S8	Instrumnet Name :	P7
Client Sample ID :	S8	Dilution Factor :	1
Date & Time Acquired ::	2018-10-01 10:53:30	DataFile Name :	011CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	100069.24	100460.62	100558.83	100362.90	0.26	ppb
Antimony	121-1	3.40	3.50	3.50	3.47	1.59	ppb
Arsenic	75-1	1.62	1.46	1.58	1.55	5.54	ppb
Barium	135-1	2.22	2.09	2.30	2.20	4.66	ppb
Barium	137-1	2.13	2.37	2.27	2.26	5.42	ppb
Beryllium	9-1	0.27	0.26	0.30	0.28	7.57	ppb
Bismuth	209-1				76		%
Bismuth	209-2				73		%
Boron	11-1	68.97	62.30	56.15	62.47	10.27	ppb
Boron	10-1	67.73	63.34	55.32	62.13	10.13	ppb
Cadmium	106-1	-0.09	1.53	1.28	0.90	96.43	ppb
Cadmium	108-1	0.67	0.50	0.19	0.45	53.52	ppb
Cadmium	111-1	0.26	0.44	0.45	0.38	27.54	ppb
Calcium	43-1	501582.01	501727.10	502744.90	502018.01	0.13	ppb
Calcium	44-1	502120.51	501239.11	501950.92	501770.18	0.09	ppb
Chromium	52-2	47.34	47.69	47.71	47.58	0.44	ppb
Cobalt	59-2	12.81	12.73	12.87	12.81	0.56	ppb
Copper	63-2	4.86	4.89	4.78	4.84	1.13	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-2						cps
Erbium	164-1						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				91		%
Holmium	165-2				89		%
Indium	115-1				83		%
Indium	115-2				91		%
Iron	56-2	252117.78	249768.49	248052.86	249979.71	0.82	ppb
Iron	57-2	250059.39	250362.35	248743.16	249721.63	0.34	ppb
Krypton	83-1						cps
Lead	206-1	1.33	1.25	1.34	1.31	3.68	ppb
Lead	207-1	1.20	1.23	1.24	1.22	1.61	ppb
Lead	208-1	1.23	1.26	1.28	1.26	1.90	ppb
Lithium	6-1				88		%
Magnesium	24-2	500711.87	502030.39	500270.09	501004.12	0.18	ppb

LB Number :	LB98267	Operator :	Jaswal
Lab Sample ID :	S8	Instrumnet Name :	P7
Client Sample ID :	S8	Dilution Factor :	1
Date & Time Acquired ::	2018-10-01 10:53:30	DataFile Name :	011CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	13.68	13.20	13.49	13.46	1.79	ppb
Molybdenum	94-1	6.97	7.04	7.11	7.04	1.03	ppb
Molybdenum	95-1	9.76	9.56	9.49	9.60	1.47	ppb
Molybdenum	96-1	10.75	11.15	11.10	11.00	1.95	ppb
Molybdenum	97-1	9.20	9.01	9.40	9.20	2.12	ppb
Molybdenum	98-1	9.43	9.36	9.50	9.43	0.72	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	34.97	35.76	35.03	35.25	1.25	ppb
Phosphorus	31-2	34.20	10.75	30.11	25.02	50.06	ppb
Potassium	39-2	251823.87	250573.55	250257.20	250884.88	0.33	ppb
Rhodium	103-1				77		%
Rhodium	103-2				76		%
Scandium	45-1				90		%
Scandium	45-2				99		%
Selenium	77-2	0.00	0.00	0.00	0.00	N/A	ppb
Selenium	78-2	1.44	0.88	0.61	0.97	43.51	ppb
Selenium	82-1	0.83	0.48	0.84	0.72	28.25	ppb
Silicon	28-1	37.11	37.42	37.54	37.36	0.59	ppb
Silver	109-1	0.20	0.19	0.21	0.20	6.00	ppb
Silver	107-1	0.16	0.19	0.20	0.19	10.63	ppb
Sodium	23-2	502750.37	502869.04	498404.20	501341.20	0.51	ppb
Strontium	86-1	4.93	4.88	5.22	5.01	3.72	ppb
Strontium	88-1	4.97	5.01	4.88	4.95	1.33	ppb
Sulfur	34-1	-298.22	-148.71	-96.62	-181.19		ppb
Terbium	159-1				90		%
Terbium	159-2				89		%
Thallium	203-1	0.61	0.52	0.54	0.56	7.95	ppb
Thallium	205-1	0.58	0.58	0.60	0.59	1.43	ppb
Thorium	232-1	0.28	0.29	0.31	0.29	5.78	ppb
Tin	118-1	1.49	1.38	1.37	1.42	4.75	ppb
Titanium	47-1	2.67	2.28	2.12	2.36	11.83	ppb
Uranium	238-1	0.27	0.29	0.30	0.29	6.47	ppb
Vanadium	51-2	0.76	0.71	0.66	0.71	6.78	ppb
Yttrium	89-1				88		%
Yttrium	89-2				96		%

LB Number :	LB98267	Operator :	Jaswal
Lab Sample ID :	S8	Instrumnet Name :	P7
Client Sample ID :	S8	Dilution Factor :	1
Date & Time Acquired ::	2018-10-01 10:53:30	DataFile Name :	011CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zinc	66-2	308.79	309.29	306.33	308.14	0.51	ppb
Zirconium	90-1	0.23	0.29	0.29	0.27	12.32	ppb
Zirconium	91-1	0.30	0.29	0.21	0.27	17.40	ppb

LB Number :	LB98267	Operator :	Jaswal
Lab Sample ID :	ICV01	Instrumnet Name :	P7
Client Sample ID :	ICV01	Dilution Factor :	1
Date & Time Acquired ::	2018-10-01 10:57:22	DataFile Name :	012ICV01.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	573.81	511.04	472.44	519.10	9.86	ppb
Antimony	121-1	203.40	205.24	204.27	204.30	0.45	ppb
Arsenic	75-1	204.16	202.58	209.57	205.44	1.79	ppb
Barium	135-1	106.17	106.42	105.22	105.94	0.60	ppb
Barium	137-1	106.19	106.75	106.87	106.60	0.34	ppb
Beryllium	9-1	106.70	105.17	105.33	105.73	0.80	ppb
Bismuth	209-1				101		%
Bismuth	209-2				90		%
Boron	11-1	22.72	20.34	21.19	21.42	5.63	ppb
Boron	10-1	22.33	21.57	19.96	21.28	5.70	ppb
Cadmium	106-1	93.17	96.52	95.31	95.00	1.79	ppb
Cadmium	108-1	103.01	102.52	96.72	100.75	3.47	ppb
Cadmium	111-1	113.13	113.47	115.31	113.97	1.03	ppb
Calcium	43-1	1921.08	1938.22	1995.50	1951.60	2.00	ppb
Calcium	44-1	1949.38	1977.67	1961.79	1962.95	0.72	ppb
Chromium	52-2	119.45	111.50	103.66	111.53	7.08	ppb
Cobalt	59-2	123.89	114.75	108.00	115.55	6.90	ppb
Copper	63-2	125.46	116.17	110.12	117.25	6.59	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-2						cps
Erbium	164-1						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				103		%
Holmium	165-2				92		%
Indium	115-1				104		%
Indium	115-2				101		%
Iron	56-2	1196.42	1107.48	1032.43	1112.11	7.38	ppb
Iron	57-2	1305.16	1187.59	1121.85	1204.87	7.71	ppb
Krypton	83-1						cps
Lead	206-1	191.07	192.57	192.64	192.10	0.46	ppb
Lead	207-1	188.91	189.09	189.02	189.01	0.05	ppb
Lead	208-1	190.93	191.39	191.44	191.26	0.15	ppb
Lithium	6-1				109		%
Magnesium	24-2	1464.18	1334.44	1247.92	1348.85	8.07	ppb

LB Number :	LB98267	Operator :	Jaswal
Lab Sample ID :	ICV01	Instrumnet Name :	P7
Client Sample ID :	ICV01	Dilution Factor :	1
Date & Time Acquired ::	2018-10-01 10:57:22	DataFile Name :	012ICV01.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	120.47	109.88	103.51	111.29	7.70	ppb
Molybdenum	94-1	0.29	0.27	0.22	0.26	14.57	ppb
Molybdenum	95-1	0.28	0.34	0.25	0.29	14.99	ppb
Molybdenum	96-1	0.28	0.24	0.23	0.25	10.15	ppb
Molybdenum	97-1	0.29	0.27	0.22	0.26	14.73	ppb
Molybdenum	98-1	0.26	0.32	0.27	0.28	10.86	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	124.92	116.88	108.32	116.71	7.11	ppb
Phosphorus	31-2	5.79	43.20	47.07	32.02	71.21	ppb
Potassium	39-2	2321.61	2129.34	1989.09	2146.68	7.78	ppb
Rhodium	103-1				102		%
Rhodium	103-2				89		%
Scandium	45-1				107		%
Scandium	45-2				101		%
Selenium	77-2	264.53	225.69	211.18	233.80	11.80	ppb
Selenium	78-2	252.94	245.59	220.21	239.58	7.17	ppb
Selenium	82-1	218.41	216.15	219.22	217.93	0.73	ppb
Silicon	28-1	1.55	0.84	1.27	1.22	29.36	ppb
Silver	109-1	110.19	111.00	110.89	110.70	0.40	ppb
Silver	107-1	109.74	111.35	110.73	110.61	0.73	ppb
Sodium	23-2	2378.43	2159.78	2025.03	2187.75	8.15	ppb
Strontium	86-1	2.43	2.21	2.39	2.35	4.98	ppb
Strontium	88-1	2.37	2.29	2.39	2.35	2.23	ppb
Sulfur	34-1	-356.47	-344.08	-404.94	-368.50		ppb
Terbium	159-1				103		%
Terbium	159-2				93		%
Thallium	203-1	189.00	190.02	188.69	189.24	0.37	ppb
Thallium	205-1	194.26	195.36	192.74	194.12	0.68	ppb
Thorium	232-1	0.06	0.07	0.06	0.06	5.50	ppb
Tin	118-1	0.09	0.09	0.11	0.10	13.29	ppb
Titanium	47-1	0.13	0.15	0.12	0.13	9.66	ppb
Uranium	238-1	496.14	497.74	497.27	497.05	0.17	ppb
Vanadium	51-2	116.82	110.71	102.76	110.10	6.40	ppb
Yttrium	89-1				104		%
Yttrium	89-2				100		%

LB Number :	LB98267	Operator :	Jaswal
Lab Sample ID :	ICV01	Instrumnet Name :	P7
Client Sample ID :	ICV01	Dilution Factor :	1
Date & Time Acquired ::	2018-10-01 10:57:22	DataFile Name :	012ICV01.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zinc	66-2	210.01	194.95	184.58	196.51	6.51	ppb
Zirconium	90-1	0.04	0.03	0.04	0.04	23.26	ppb
Zirconium	91-1	0.08	0.11	0.07	0.08	22.01	ppb

LB Number :	LB98267	Operator :	Jaswal
Lab Sample ID :	LLICV01	Instrumnet Name :	P7
Client Sample ID :	LLICV01	Dilution Factor :	1
Date & Time Acquired ::	2018-10-01 11:00:56	DataFile Name :	013LLIC.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	21.08	20.76	20.44	20.76	1.55	ppb
Antimony	121-1	2.23	2.15	2.25	2.21	2.41	ppb
Arsenic	75-1	0.87	0.98	1.10	0.98	12.04	ppb
Barium	135-1	10.05	10.00	10.20	10.08	1.05	ppb
Barium	137-1	10.35	10.15	10.30	10.27	0.98	ppb
Beryllium	9-1	1.10	0.98	1.10	1.06	6.33	ppb
Bismuth	209-1				101		%
Bismuth	209-2				98		%
Boron	11-1	34.67	34.15	34.32	34.38	0.77	ppb
Boron	10-1	33.94	35.16	35.39	34.83	2.24	ppb
Cadmium	106-1	2.04	2.74	1.31	2.03	35.14	ppb
Cadmium	108-1	1.23	1.16	1.27	1.22	4.62	ppb
Cadmium	111-1	1.19	1.27	1.12	1.19	6.61	ppb
Calcium	43-1	461.21	449.87	441.41	450.83	2.20	ppb
Calcium	44-1	465.90	462.01	454.99	460.97	1.20	ppb
Chromium	52-2	2.13	2.22	2.15	2.17	2.01	ppb
Cobalt	59-2	1.11	1.08	1.07	1.09	2.07	ppb
Copper	63-2	2.20	2.18	2.24	2.20	1.42	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-2						cps
Erbium	164-1						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				103		%
Holmium	165-2				101		%
Indium	115-1				103		%
Indium	115-2				106		%
Iron	56-2	55.30	56.09	55.72	55.70	0.71	ppb
Iron	57-2	54.98	58.43	55.91	56.44	3.16	ppb
Krypton	83-1						cps
Lead	206-1	1.00	1.01	0.97	0.99	2.07	ppb
Lead	207-1	0.96	0.97	1.04	0.99	3.92	ppb
Lead	208-1	0.99	0.98	1.00	0.99	0.67	ppb
Lithium	6-1				109		%
Magnesium	24-2	504.28	506.42	500.78	503.83	0.57	ppb

LB Number :	LB98267	Operator :	Jaswal
Lab Sample ID :	LLICV01	Instrumnet Name :	P7
Client Sample ID :	LLICV01	Dilution Factor :	1
Date & Time Acquired ::	2018-10-01 11:00:56	DataFile Name :	013LLIC.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	1.00	1.08	1.13	1.07	6.21	ppb
Molybdenum	94-1	4.97	4.98	5.13	5.03	1.75	ppb
Molybdenum	95-1	4.91	5.10	5.09	5.04	2.12	ppb
Molybdenum	96-1	5.00	5.03	4.98	5.00	0.55	ppb
Molybdenum	97-1	4.98	4.63	4.89	4.83	3.80	ppb
Molybdenum	98-1	5.10	5.00	5.06	5.05	0.97	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	1.20	1.15	1.08	1.14	5.35	ppb
Phosphorus	31-2	11.58	19.98	7.02	12.86	51.14	ppb
Potassium	39-2	484.46	486.51	485.31	485.43	0.21	ppb
Rhodium	103-1				103		%
Rhodium	103-2				96		%
Scandium	45-1				107		%
Scandium	45-2				108		%
Selenium	77-2	7.11	6.53	4.12	5.92	26.76	ppb
Selenium	78-2	5.39	7.47	4.75	5.87	24.22	ppb
Selenium	82-1	5.28	4.88	5.27	5.14	4.48	ppb
Silicon	28-1	11.38	11.65	11.19	11.41	2.04	ppb
Silver	109-1	1.12	1.19	1.13	1.15	3.55	ppb
Silver	107-1	1.13	1.14	1.08	1.12	3.02	ppb
Sodium	23-2	518.28	515.43	516.35	516.69	0.28	ppb
Strontium	86-1	1.12	1.03	1.03	1.06	4.63	ppb
Strontium	88-1	0.99	1.01	1.00	1.00	1.13	ppb
Sulfur	34-1	-466.80	-456.43	-512.31	-478.51		ppb
Terbium	159-1				102		%
Terbium	159-2				100		%
Thallium	203-1	1.05	1.08	0.97	1.04	5.77	ppb
Thallium	205-1	1.04	1.05	1.02	1.04	1.20	ppb
Thorium	232-1	0.90	0.95	0.91	0.92	2.64	ppb
Tin	118-1	5.03	5.20	5.08	5.10	1.65	ppb
Titanium	47-1	4.68	5.22	4.96	4.95	5.37	ppb
Uranium	238-1	0.96	0.93	0.94	0.94	1.17	ppb
Vanadium	51-2	4.96	5.01	5.04	5.00	0.81	ppb
Yttrium	89-1				104		%
Yttrium	89-2				107		%

LB Number :	LB98267	Operator :	Jaswal
Lab Sample ID :	LLICV01	Instrumnet Name :	P7
Client Sample ID :	LLICV01	Dilution Factor :	1
Date & Time Acquired ::	2018-10-01 11:00:56	DataFile Name :	013LLIC.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zinc	66-2	2.42	2.24	1.99	2.22	9.93	ppb
Zirconium	90-1	1.03	0.98	1.00	1.00	2.90	ppb
Zirconium	91-1	1.03	1.02	0.97	1.01	3.08	ppb

LB Number : LB98267 Operator : Jaswal
 Lab Sample ID : ICB01 Instrumnet Name : P7
 Client Sample ID : ICB01 Dilution Factor : 1
 Date & Time Acquired :: 2018-10-01 11:04:31 DataFile Name : 014CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	0.94	0.40	1.24	0.86	49.71	ppb
Antimony	121-1	0.04	0.06	0.05	0.05	22.71	ppb
Arsenic	75-1	0.17	-0.04	0.03	0.05	198.47	ppb
Barium	135-1	0.01	0.03	0.00	0.01	126.45	ppb
Barium	137-1	0.02	0.03	0.02	0.02	23.96	ppb
Beryllium	9-1	0.04	0.03	0.05	0.04	30.40	ppb
Bismuth	209-1				100		%
Bismuth	209-2				100		%
Boron	11-1	10.53	10.13	10.49	10.38	2.14	ppb
Boron	10-1	10.28	10.11	9.14	9.85	6.27	ppb
Cadmium	106-1	1.30	0.09	0.61	0.66	91.69	ppb
Cadmium	108-1	-0.03	-0.03	0.05	0.00		ppb
Cadmium	111-1	0.13	0.01	0.06	0.07	88.19	ppb
Calcium	43-1	2.81	4.78	6.14	4.58	36.61	ppb
Calcium	44-1	5.67	6.00	5.44	5.70	4.89	ppb
Chromium	52-2	-0.02	0.02	-0.01	0.00		ppb
Cobalt	59-2	0.00	0.02	0.01	0.01	83.67	ppb
Copper	63-2	0.07	0.05	0.04	0.05	24.91	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-2						cps
Erbium	164-1						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				102		%
Holmium	165-2				102		%
Indium	115-1				102		%
Indium	115-2				108		%
Iron	56-2	2.32	2.22	2.11	2.22	4.84	ppb
Iron	57-2	1.41	1.36	4.05	2.27	67.59	ppb
Krypton	83-1						cps
Lead	206-1	0.04	0.02	0.03	0.03	29.17	ppb
Lead	207-1	0.03	0.02	0.01	0.02	25.77	ppb
Lead	208-1	0.03	0.03	0.03	0.03	7.37	ppb
Lithium	6-1				108		%
Magnesium	24-2	4.87	3.74	4.17	4.26	13.31	ppb

LB Number : LB98267 Operator : Jaswal
 Lab Sample ID : ICB01 Instrumnet Name : P7
 Client Sample ID : ICB01 Dilution Factor : 1
 Date & Time Acquired :: 2018-10-01 11:04:31 DataFile Name : 014CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	0.00	0.00	0.00	0.00		ppb
Molybdenum	94-1	0.04	0.04	0.02	0.04	31.50	ppb
Molybdenum	95-1	0.04	0.07	0.07	0.06	28.33	ppb
Molybdenum	96-1	0.04	0.03	0.02	0.03	27.35	ppb
Molybdenum	97-1	0.04	0.06	0.06	0.05	18.37	ppb
Molybdenum	98-1	0.05	0.04	0.04	0.05	12.98	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.01	-0.02	-0.03	-0.01		ppb
Phosphorus	31-2	-3.51	8.39	-1.72	1.06	608.12	ppb
Potassium	39-2	3.52	4.71	3.18	3.80	21.18	ppb
Rhodium	103-1				102		%
Rhodium	103-2				98		%
Scandium	45-1				106		%
Scandium	45-2				110		%
Selenium	77-2	0.00	0.00	0.00	0.00	N/A	ppb
Selenium	78-2	0.31	0.30	0.01	0.21	82.86	ppb
Selenium	82-1	-0.17	0.16	0.11	0.03	546.02	ppb
Silicon	28-1	-1.10	-1.45	-1.10	-1.22		ppb
Silver	109-1	0.02	0.02	0.01	0.02	25.24	ppb
Silver	107-1	0.01	0.01	0.02	0.01	39.14	ppb
Sodium	23-2	20.51	20.01	22.42	20.98	6.07	ppb
Strontium	86-1	-0.01	-0.02	0.01	-0.01		ppb
Strontium	88-1	0.01	0.01	0.00	0.01	50.31	ppb
Sulfur	34-1	-427.06	-440.67	-384.83	-417.52		ppb
Terbium	159-1				101		%
Terbium	159-2				102		%
Thallium	203-1	0.05	0.05	0.03	0.04	25.25	ppb
Thallium	205-1	0.05	0.05	0.05	0.05	6.25	ppb
Thorium	232-1	0.05	0.05	0.04	0.04	3.79	ppb
Tin	118-1	0.04	0.09	0.03	0.05	64.21	ppb
Titanium	47-1	0.02	0.03	0.00	0.02	96.91	ppb
Uranium	238-1	0.01	0.02	0.01	0.01	13.81	ppb
Vanadium	51-2	0.00	0.01	0.01	0.01	38.74	ppb
Yttrium	89-1				103		%
Yttrium	89-2				109		%

LB Number :	LB98267	Operator :	Jaswal
Lab Sample ID :	ICB01	Instrumnet Name :	P7
Client Sample ID :	ICB01	Dilution Factor :	1
Date & Time Acquired ::	2018-10-01 11:04:31	DataFile Name :	014CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zinc	66-2	0.15	0.05	0.11	0.11	50.46	ppb
Zirconium	90-1	0.01	0.00	0.01	0.01	125.73	ppb
Zirconium	91-1	0.01	0.03	0.02	0.02	55.02	ppb

LB Number : LB98267 Operator : Jaswal
 Lab Sample ID : ICSA01 Instrumnet Name : P7
 Client Sample ID : ICSA01 Dilution Factor : 1
 Date & Time Acquired :: 2018-10-01 11:08:07 DataFile Name : 015ICSA01.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	89517.51	89299.99	89747.80	89521.77	0.25	ppb
Antimony	121-1	1.15	1.27	1.31	1.24	6.52	ppb
Arsenic	75-1	1.23	1.80	1.72	1.58	19.27	ppb
Barium	135-1	1.56	1.56	1.59	1.57	1.15	ppb
Barium	137-1	1.52	1.54	1.51	1.53	0.96	ppb
Beryllium	9-1	0.33	0.36	0.32	0.34	5.95	ppb
Bismuth	209-1				90		%
Bismuth	209-2				87		%
Boron	11-1	11.46	10.64	10.87	10.99	3.84	ppb
Boron	10-1	10.25	10.15	9.80	10.07	2.36	ppb
Cadmium	106-1	-0.47	-0.40	-0.44	-0.43		ppb
Cadmium	108-1	11.40	11.10	10.66	11.06	3.35	ppb
Cadmium	111-1	0.37	0.42	0.38	0.39	6.99	ppb
Calcium	43-1	89217.22	89923.79	89211.79	89450.93	0.46	ppb
Calcium	44-1	92903.85	93335.31	92807.84	93015.67	0.30	ppb
Chromium	52-2	20.43	20.55	20.42	20.47	0.36	ppb
Cobalt	59-2	1.19	1.21	1.29	1.23	4.39	ppb
Copper	63-2	7.81	8.01	8.03	7.95	1.47	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-2						cps
Erbium	164-1						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				101		%
Holmium	165-2				99		%
Indium	115-1				94		%
Indium	115-2				100		%
Iron	56-2	101542.15	101133.19	101124.47	101266.60	0.24	ppb
Iron	57-2	101172.27	100753.55	100655.42	100860.41	0.27	ppb
Krypton	83-1						cps
Lead	206-1	4.82	4.73	4.85	4.80	1.37	ppb
Lead	207-1	4.25	4.24	4.28	4.25	0.41	ppb
Lead	208-1	4.49	4.44	4.48	4.47	0.56	ppb
Lithium	6-1				100		%
Magnesium	24-2	98833.86	97824.41	98895.08	98517.78	0.61	ppb

LB Number :	LB98267	Operator :	Jaswal
Lab Sample ID :	ICSA01	Instrumnet Name :	P7
Client Sample ID :	ICSA01	Dilution Factor :	1
Date & Time Acquired ::	2018-10-01 11:08:07	DataFile Name :	015ICSA01.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	8.09	8.22	8.19	8.17	0.84	ppb
Molybdenum	94-1	1360.40	1358.51	1348.05	1355.65	0.49	ppb
Molybdenum	95-1	1973.84	1959.66	1951.65	1961.71	0.57	ppb
Molybdenum	96-1	1899.90	1898.23	1887.68	1895.27	0.35	ppb
Molybdenum	97-1	1970.72	1966.08	1955.69	1964.17	0.39	ppb
Molybdenum	98-1	1961.01	1979.89	1948.85	1963.25	0.80	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	5.70	5.87	5.56	5.71	2.74	ppb
Phosphorus	31-2	98128.50	96866.74	98320.04	97771.76	0.81	ppb
Potassium	39-2	96553.03	96103.40	96193.85	96283.43	0.25	ppb
Rhodium	103-1				90		%
Rhodium	103-2				87		%
Scandium	45-1				99		%
Scandium	45-2				103		%
Selenium	77-2	0.00	0.00	0.61	0.20	173.21	ppb
Selenium	78-2	-0.01	0.19	-0.12	0.02	740.10	ppb
Selenium	82-1	0.09	0.09	0.17	0.12	40.76	ppb
Silicon	28-1	16.56	17.36	16.20	16.71	3.55	ppb
Silver	109-1	0.03	0.04	0.04	0.03	19.78	ppb
Silver	107-1	0.05	0.03	0.04	0.04	27.68	ppb
Sodium	23-2	97961.76	97478.02	98481.79	97973.86	0.51	ppb
Strontium	86-1	33.45	34.73	34.09	34.09	1.89	ppb
Strontium	88-1	33.96	33.90	33.89	33.92	0.11	ppb
Sulfur	34-1	103668.65	103473.88	102196.82	103113.11	0.78	ppb
Terbium	159-1				100		%
Terbium	159-2				99		%
Thallium	203-1	0.11	0.12	0.10	0.11	9.10	ppb
Thallium	205-1	0.10	0.13	0.12	0.12	13.72	ppb
Thorium	232-1	0.05	0.04	0.04	0.04	7.37	ppb
Tin	118-1	0.20	0.15	0.18	0.18	13.72	ppb
Titanium	47-1	1951.66	1952.75	1938.35	1947.59	0.41	ppb
Uranium	238-1	0.02	0.03	0.02	0.02	6.22	ppb
Vanadium	51-2	0.17	0.17	0.20	0.18	8.05	ppb
Yttrium	89-1				98		%
Yttrium	89-2				103		%

LB Number :	LB98267	Operator :	Jaswal
Lab Sample ID :	ICSA01	Instrumnet Name :	P7
Client Sample ID :	ICSA01	Dilution Factor :	1
Date & Time Acquired ::	2018-10-01 11:08:07	DataFile Name :	015ICSA01.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zinc	66-2	9.57	9.40	8.95	9.31	3.47	ppb
Zirconium	90-1	0.02	0.03	0.04	0.03	29.17	ppb
Zirconium	91-1	0.06	0.07	0.04	0.06	26.26	ppb

LB Number :	LB98267	Operator :	Jaswal
Lab Sample ID :	ICSAB01	Instrumnet Name :	P7
Client Sample ID :	ICSAB01	Dilution Factor :	1
Date & Time Acquired ::	2018-10-01 11:11:43	DataFile Name :	016ICSB.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	89220.63	88363.49	90552.22	89378.78	1.23	ppb
Antimony	121-1	21.20	21.27	21.08	21.18	0.44	ppb
Arsenic	75-1	21.22	20.30	22.33	21.29	4.78	ppb
Barium	135-1	21.99	22.45	21.95	22.13	1.27	ppb
Barium	137-1	22.40	22.02	22.79	22.40	1.73	ppb
Beryllium	9-1	21.47	20.44	20.35	20.75	2.97	ppb
Bismuth	209-1				94		%
Bismuth	209-2				88		%
Boron	11-1	8.89	8.29	8.17	8.45	4.52	ppb
Boron	10-1	8.37	7.27	7.87	7.83	7.04	ppb
Cadmium	106-1	15.82	16.06	16.87	16.25	3.40	ppb
Cadmium	108-1	26.85	28.09	28.90	27.95	3.68	ppb
Cadmium	111-1	20.34	19.63	20.00	19.99	1.79	ppb
Calcium	43-1	92287.21	90943.22	91032.44	91420.95	0.82	ppb
Calcium	44-1	92025.63	90701.66	91537.36	91421.55	0.73	ppb
Chromium	52-2	40.87	40.45	41.32	40.88	1.06	ppb
Cobalt	59-2	21.49	21.13	21.69	21.44	1.33	ppb
Copper	63-2	27.65	27.74	28.81	28.07	2.30	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-2						cps
Erbium	164-1						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				105		%
Holmium	165-2				99		%
Indium	115-1				99		%
Indium	115-2				101		%
Iron	56-2	100298.20	98903.26	102130.80	100444.09	1.61	ppb
Iron	57-2	99959.73	98526.36	101354.92	99947.00	1.42	ppb
Krypton	83-1						cps
Lead	206-1	25.29	25.50	25.96	25.58	1.35	ppb
Lead	207-1	23.32	23.64	23.35	23.44	0.76	ppb
Lead	208-1	24.05	24.20	24.48	24.25	0.89	ppb
Lithium	6-1				106		%
Magnesium	24-2	98505.97	97523.29	99652.61	98560.62	1.08	ppb

LB Number :	LB98267	Operator :	Jaswal
Lab Sample ID :	ICSAB01	Instrumnet Name :	P7
Client Sample ID :	ICSAB01	Dilution Factor :	1
Date & Time Acquired ::	2018-10-01 11:11:43	DataFile Name :	016ICSB.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	27.62	27.10	28.75	27.82	3.03	ppb
Molybdenum	94-1	1336.35	1340.70	1326.90	1334.65	0.53	ppb
Molybdenum	95-1	1930.83	1928.73	1920.04	1926.53	0.30	ppb
Molybdenum	96-1	1865.77	1845.22	1860.02	1857.00	0.57	ppb
Molybdenum	97-1	1942.21	1912.37	1923.90	1926.16	0.78	ppb
Molybdenum	98-1	1942.13	1915.05	1943.93	1933.70	0.84	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	24.85	25.63	25.67	25.39	1.82	ppb
Phosphorus	31-2	95581.25	96465.94	98404.90	96817.36	1.49	ppb
Potassium	39-2	95634.11	95044.86	97009.76	95896.24	1.05	ppb
Rhodium	103-1				94		%
Rhodium	103-2				88		%
Scandium	45-1				105		%
Scandium	45-2				105		%
Selenium	77-2	18.23	14.37	14.03	15.54	15.01	ppb
Selenium	78-2	18.84	20.04	21.36	20.08	6.27	ppb
Selenium	82-1	20.41	19.56	19.55	19.84	2.49	ppb
Silicon	28-1	17.29	16.85	17.02	17.05	1.28	ppb
Silver	109-1	19.19	19.13	19.51	19.28	1.05	ppb
Silver	107-1	19.02	19.16	19.18	19.12	0.46	ppb
Sodium	23-2	98397.03	97359.61	99545.75	98434.13	1.11	ppb
Strontium	86-1	34.27	34.32	34.62	34.40	0.55	ppb
Strontium	88-1	33.73	33.73	33.83	33.76	0.18	ppb
Sulfur	34-1	100835.67	99626.04	100413.90	100291.87	0.61	ppb
Terbium	159-1				104		%
Terbium	159-2				99		%
Thallium	203-1	20.30	19.86	19.91	20.02	1.22	ppb
Thallium	205-1	20.61	20.83	20.88	20.77	0.68	ppb
Thorium	232-1	0.03	0.03	0.03	0.03	8.93	ppb
Tin	118-1	0.13	0.15	0.21	0.16	26.59	ppb
Titanium	47-1	1924.72	1890.78	1917.78	1911.09	0.94	ppb
Uranium	238-1	0.02	0.02	0.02	0.02	4.89	ppb
Vanadium	51-2	20.00	19.93	20.20	20.04	0.69	ppb
Yttrium	89-1				102		%
Yttrium	89-2				104		%

LB Number :	LB98267	Operator :	Jaswal
Lab Sample ID :	ICSAB01	Instrumnet Name :	P7
Client Sample ID :	ICSAB01	Dilution Factor :	1
Date & Time Acquired ::	2018-10-01 11:11:43	DataFile Name :	016ICSB.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zinc	66-2	24.77	25.68	25.66	25.37	2.05	ppb
Zirconium	90-1	0.03	0.04	0.02	0.03	33.14	ppb
Zirconium	91-1	0.03	0.04	0.02	0.03	43.24	ppb

LB Number :	LB98267	Operator :	Jaswal
Lab Sample ID :	CCV17	Instrumnet Name :	P7
Client Sample ID :	CCV17	Dilution Factor :	1
Date & Time Acquired ::	2018-10-01 11:15:19	DataFile Name :	017CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	53163.08	52782.97	52885.06	52943.70	0.37	ppb
Antimony	121-1	501.21	497.18	513.36	503.92	1.67	ppb
Arsenic	75-1	465.53	467.91	479.68	471.04	1.61	ppb
Barium	135-1	2597.95	2596.31	2652.92	2615.73	1.23	ppb
Barium	137-1	2594.78	2598.61	2663.03	2618.81	1.46	ppb
Beryllium	9-1	504.97	503.72	510.97	506.55	0.76	ppb
Bismuth	209-1				89		%
Bismuth	209-2				82		%
Boron	11-1	492.72	501.31	520.48	504.84	2.82	ppb
Boron	10-1	484.52	494.03	509.84	496.13	2.58	ppb
Cadmium	106-1	497.25	498.46	506.64	500.78	1.02	ppb
Cadmium	108-1	498.17	487.87	504.52	496.85	1.69	ppb
Cadmium	111-1	486.08	486.54	501.65	491.42	1.80	ppb
Calcium	43-1	231578.94	237381.90	237296.54	235419.13	1.41	ppb
Calcium	44-1	232607.04	236176.77	236201.55	234995.12	0.88	ppb
Chromium	52-2	534.36	535.04	539.06	536.16	0.47	ppb
Cobalt	59-2	494.02	502.69	499.63	498.78	0.88	ppb
Copper	63-2	934.31	947.12	944.97	942.13	0.73	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-2						cps
Erbium	164-1						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				104		%
Holmium	165-2				97		%
Indium	115-1				96		%
Indium	115-2				99		%
Iron	56-2	127321.49	127309.09	126956.76	127195.78	0.16	ppb
Iron	57-2	126844.08	128046.61	126019.25	126969.98	0.80	ppb
Krypton	83-1						cps
Lead	206-1	519.90	518.70	532.29	523.63	1.44	ppb
Lead	207-1	522.49	515.71	529.75	522.65	1.34	ppb
Lead	208-1	518.69	517.50	528.03	521.40	1.11	ppb
Lithium	6-1				104		%
Magnesium	24-2	249970.66	252709.48	249093.16	250591.10	0.75	ppb

LB Number :	LB98267	Operator :	Jaswal
Lab Sample ID :	CCV17	Instrumnet Name :	P7
Client Sample ID :	CCV17	Dilution Factor :	1
Date & Time Acquired ::	2018-10-01 11:15:19	DataFile Name :	017CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	1021.02	1029.70	1035.84	1028.85	0.72	ppb
Molybdenum	94-1	2551.01	2537.95	2588.47	2559.14	1.02	ppb
Molybdenum	95-1	2543.17	2534.56	2580.65	2552.79	0.96	ppb
Molybdenum	96-1	2555.57	2534.62	2579.16	2556.45	0.87	ppb
Molybdenum	97-1	2558.51	2548.26	2571.65	2559.47	0.46	ppb
Molybdenum	98-1	2565.42	2549.17	2585.44	2566.68	0.71	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	502.99	506.22	506.37	505.19	0.38	ppb
Phosphorus	31-2	9944.99	10396.76	10333.58	10225.11	2.39	ppb
Potassium	39-2	123956.55	123762.06	123302.93	123673.84	0.27	ppb
Rhodium	103-1				91		%
Rhodium	103-2				83		%
Scandium	45-1				105		%
Scandium	45-2				108		%
Selenium	77-2	472.55	460.71	466.56	466.61	1.27	ppb
Selenium	78-2	461.25	490.30	471.88	474.48	3.10	ppb
Selenium	82-1	465.66	467.45	470.43	467.85	0.51	ppb
Silicon	28-1	493.06	504.80	513.04	503.63	1.99	ppb
Silver	109-1	506.86	505.17	514.57	508.87	0.98	ppb
Silver	107-1	508.33	505.63	517.54	510.50	1.22	ppb
Sodium	23-2	250643.80	253508.98	249649.62	251267.46	0.80	ppb
Strontium	86-1	510.76	511.19	516.79	512.91	0.66	ppb
Strontium	88-1	511.09	509.05	517.88	512.67	0.90	ppb
Sulfur	34-1	9979.77	10070.17	10282.66	10110.87	1.54	ppb
Terbium	159-1				102		%
Terbium	159-2				96		%
Thallium	203-1	520.43	521.99	531.73	524.72	1.17	ppb
Thallium	205-1	525.01	522.30	534.33	527.21	1.20	ppb
Thorium	232-1	524.35	525.89	539.62	529.95	1.59	ppb
Tin	118-1	517.15	515.47	529.31	520.64	1.45	ppb
Titanium	47-1	2557.26	2565.26	2594.84	2572.45	0.77	ppb
Uranium	238-1	523.86	517.73	538.97	526.86	2.07	ppb
Vanadium	51-2	524.40	523.45	523.77	523.87	0.09	ppb
Yttrium	89-1				102		%
Yttrium	89-2				105		%

LB Number :	LB98267	Operator :	Jaswal
Lab Sample ID :	CCV17	Instrumnet Name :	P7
Client Sample ID :	CCV17	Dilution Factor :	1
Date & Time Acquired ::	2018-10-01 11:15:19	DataFile Name :	017CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zinc	66-2	761.58	774.98	766.94	767.83	0.88	ppb
Zirconium	90-1	512.13	510.97	515.42	512.84	0.45	ppb
Zirconium	91-1	498.80	498.37	507.65	501.61	1.04	ppb

LB Number :	LB98267	Operator :	Jaswal
Lab Sample ID :	CCB17	Instrumnet Name :	P7
Client Sample ID :	CCB17	Dilution Factor :	1
Date & Time Acquired ::	2018-10-01 11:18:59	DataFile Name :	018CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	3.23	1.53	1.51	2.09	47.24	ppb
Antimony	121-1	0.23	0.26	0.24	0.24	7.31	ppb
Arsenic	75-1	0.24	0.22	0.06	0.18	57.10	ppb
Barium	135-1	0.29	0.40	0.37	0.35	16.82	ppb
Barium	137-1	0.34	0.46	0.41	0.40	14.12	ppb
Beryllium	9-1	0.10	0.15	0.13	0.12	17.17	ppb
Bismuth	209-1				105		%
Bismuth	209-2				101		%
Boron	11-1	25.04	22.88	22.16	23.36	6.39	ppb
Boron	10-1	24.02	22.80	20.35	22.39	8.35	ppb
Cadmium	106-1	-0.22	1.57	2.47	1.27	107.58	ppb
Cadmium	108-1	0.01	0.12	0.30	0.14	104.57	ppb
Cadmium	111-1	0.11	0.28	0.33	0.24	48.62	ppb
Calcium	43-1	30.34	36.17	35.01	33.84	9.11	ppb
Calcium	44-1	34.51	40.28	35.37	36.72	8.48	ppb
Chromium	52-2	0.07	0.00	0.01	0.03	140.04	ppb
Cobalt	59-2	0.02	0.02	0.02	0.02	15.24	ppb
Copper	63-2	0.22	0.20	0.17	0.20	12.19	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-2						cps
Erbium	164-1						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				108		%
Holmium	165-2				104		%
Indium	115-1				109		%
Indium	115-2				112		%
Iron	56-2	6.61	5.21	4.21	5.34	22.54	ppb
Iron	57-2	5.26	2.07	5.70	4.34	45.63	ppb
Krypton	83-1						cps
Lead	206-1	0.10	0.13	0.11	0.11	14.57	ppb
Lead	207-1	0.10	0.11	0.12	0.11	9.92	ppb
Lead	208-1	0.11	0.13	0.12	0.12	10.03	ppb
Lithium	6-1				114		%
Magnesium	24-2	12.13	9.35	7.59	9.69	23.60	ppb

LB Number :	LB98267	Operator :	Jaswal
Lab Sample ID :	CCB17	Instrumnet Name :	P7
Client Sample ID :	CCB17	Dilution Factor :	1
Date & Time Acquired ::	2018-10-01 11:18:59	DataFile Name :	018CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	0.04	0.06	0.04	0.05	25.15	ppb
Molybdenum	94-1	0.63	0.70	0.57	0.64	10.30	ppb
Molybdenum	95-1	0.80	0.74	0.68	0.74	7.74	ppb
Molybdenum	96-1	0.76	0.76	0.62	0.71	11.66	ppb
Molybdenum	97-1	0.76	0.82	0.72	0.76	6.93	ppb
Molybdenum	98-1	0.73	0.83	0.77	0.78	6.50	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.01	0.01	0.02	0.02	41.04	ppb
Phosphorus	31-2	6.62	-3.16	0.52	1.33	372.18	ppb
Potassium	39-2	19.13	12.29	17.61	16.34	21.99	ppb
Rhodium	103-1				109		%
Rhodium	103-2				102		%
Scandium	45-1				113		%
Scandium	45-2				116		%
Selenium	77-2	0.00	0.00	0.00	0.00	N/A	ppb
Selenium	78-2	0.14	-0.12	0.13	0.05	301.71	ppb
Selenium	82-1	-0.28	0.16	-0.01	-0.04		ppb
Silicon	28-1	-0.25	-0.68	-0.61	-0.51		ppb
Silver	109-1	0.10	0.11	0.10	0.10	6.93	ppb
Silver	107-1	0.10	0.11	0.11	0.10	5.08	ppb
Sodium	23-2	46.17	43.95	40.76	43.63	6.24	ppb
Strontium	86-1	0.09	0.07	0.05	0.07	28.40	ppb
Strontium	88-1	0.07	0.08	0.08	0.08	6.95	ppb
Sulfur	34-1	-427.75	-384.96	-336.56	-383.09		ppb
Terbium	159-1				108		%
Terbium	159-2				104		%
Thallium	203-1	0.17	0.19	0.17	0.18	8.51	ppb
Thallium	205-1	0.21	0.18	0.19	0.19	5.95	ppb
Thorium	232-1	0.13	0.15	0.13	0.14	6.51	ppb
Tin	118-1	0.21	0.15	0.12	0.16	30.06	ppb
Titanium	47-1	0.42	0.53	0.43	0.46	13.61	ppb
Uranium	238-1	0.06	0.08	0.07	0.07	14.24	ppb
Vanadium	51-2	0.02	0.02	0.01	0.02	17.16	ppb
Yttrium	89-1				110		%
Yttrium	89-2				113		%

LB Number :	LB98267	Operator :	Jaswal
Lab Sample ID :	CCB17	Instrumnet Name :	P7
Client Sample ID :	CCB17	Dilution Factor :	1
Date & Time Acquired ::	2018-10-01 11:18:59	DataFile Name :	018CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zinc	66-2	0.11	0.13	0.12	0.12	9.79	ppb
Zirconium	90-1	0.10	0.11	0.09	0.10	7.70	ppb
Zirconium	91-1	0.09	0.14	0.11	0.11	20.87	ppb

LB Number :	LB98267	Operator :	Jaswal
Lab Sample ID :	PB113293BL	Instrumnet Name :	P7
Client Sample ID :	PB113293BL	Dilution Factor :	1
Date & Time Acquired ::	2018-10-01 11:22:33	DataFile Name :	019LLCC.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	0.31	0.81	0.40	0.51	52.74	ppb
Antimony	121-1	0.05	0.06	0.06	0.05	13.91	ppb
Arsenic	75-1	0.07	0.14	0.16	0.12	38.59	ppb
Barium	135-1	0.03	0.01	0.01	0.02	64.91	ppb
Barium	137-1	0.03	0.02	0.01	0.02	64.93	ppb
Beryllium	9-1	0.04	0.05	0.04	0.04	14.92	ppb
Bismuth	209-1				105		%
Bismuth	209-2				103		%
Boron	11-1	12.38	11.73	10.99	11.70	5.95	ppb
Boron	10-1	12.17	10.99	11.26	11.47	5.41	ppb
Cadmium	106-1	2.71	0.52	0.66	1.30	94.89	ppb
Cadmium	108-1	0.04	-0.03	0.08	0.03	177.21	ppb
Cadmium	111-1	0.21	0.06	0.06	0.11	79.93	ppb
Calcium	43-1	1.77	2.40	0.17	1.45	79.38	ppb
Calcium	44-1	3.73	2.38	2.61	2.91	24.75	ppb
Chromium	52-2	0.00	-0.02	-0.03	-0.02		ppb
Cobalt	59-2	0.00	0.00	0.00	0.00		ppb
Copper	63-2	0.11	0.12	0.13	0.12	6.86	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-2						cps
Erbium	164-1						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				108		%
Holmium	165-2				106		%
Indium	115-1				110		%
Indium	115-2				113		%
Iron	56-2	1.32	1.15	1.13	1.20	9.01	ppb
Iron	57-2	0.61	-0.50	1.09	0.40	202.77	ppb
Krypton	83-1						cps
Lead	206-1	0.05	0.06	0.04	0.05	14.64	ppb
Lead	207-1	0.06	0.05	0.05	0.05	14.73	ppb
Lead	208-1	0.05	0.05	0.05	0.05	4.87	ppb
Lithium	6-1				114		%
Magnesium	24-2	2.18	1.72	1.48	1.79	19.90	ppb

LB Number :	LB98267	Operator :	Jaswal
Lab Sample ID :	PB113293BL	Instrumnet Name :	P7
Client Sample ID :	PB113293BL	Dilution Factor :	1
Date & Time Acquired ::	2018-10-01 11:22:33	DataFile Name :	019LLCC.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	0.02	0.01	0.01	0.02	25.82	ppb
Molybdenum	94-1	0.03	0.07	0.11	0.07	54.94	ppb
Molybdenum	95-1	0.10	0.10	0.11	0.10	2.32	ppb
Molybdenum	96-1	0.11	0.10	0.10	0.10	4.48	ppb
Molybdenum	97-1	0.10	0.08	0.09	0.09	10.24	ppb
Molybdenum	98-1	0.13	0.11	0.08	0.11	23.59	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.00	-0.01	0.00	0.00		ppb
Phosphorus	31-2	2.09	-1.57	3.74	1.42	191.03	ppb
Potassium	39-2	7.08	7.09	9.51	7.89	17.69	ppb
Rhodium	103-1				110		%
Rhodium	103-2				104		%
Scandium	45-1				115		%
Scandium	45-2				118		%
Selenium	77-2	0.00	0.00	0.00	0.00	N/A	ppb
Selenium	78-2	0.21	0.49	-0.07	0.21	132.74	ppb
Selenium	82-1	-0.10	0.05	-0.05	-0.03		ppb
Silicon	28-1	-1.65	-1.50	-1.92	-1.69		ppb
Silver	109-1	0.02	0.02	0.02	0.02	15.54	ppb
Silver	107-1	0.03	0.02	0.02	0.02	28.81	ppb
Sodium	23-2	21.63	20.88	20.76	21.09	2.24	ppb
Strontium	86-1	-0.03	0.01	0.00	-0.01		ppb
Strontium	88-1	0.01	0.00	0.00	0.01	42.97	ppb
Sulfur	34-1	-215.29	-266.20	-291.78	-257.76		ppb
Terbium	159-1				109		%
Terbium	159-2				106		%
Thallium	203-1	0.05	0.04	0.04	0.05	9.40	ppb
Thallium	205-1	0.06	0.06	0.06	0.06	1.93	ppb
Thorium	232-1	0.03	0.03	0.03	0.03	14.87	ppb
Tin	118-1	0.01	0.06	0.05	0.04	72.08	ppb
Titanium	47-1	0.00	0.05	0.04	0.03	95.43	ppb
Uranium	238-1	0.00	0.00	0.00	0.00	50.93	ppb
Vanadium	51-2	0.00	0.01	0.00	0.00	83.09	ppb
Yttrium	89-1				111		%
Yttrium	89-2				115		%

LB Number :	LB98267	Operator :	Jaswal
Lab Sample ID :	PB113293BL	Instrumnet Name :	P7
Client Sample ID :	PB113293BL	Dilution Factor :	1
Date & Time Acquired ::	2018-10-01 11:22:33	DataFile Name :	019LLCC.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zinc	66-2	-0.18	-0.09	0.08	-0.06		ppb
Zirconium	90-1	0.02	0.01	0.02	0.02	28.59	ppb
Zirconium	91-1	0.00	0.02	0.01	0.01	69.54	ppb

LB Number :	LB98267	Operator :	Jaswal
Lab Sample ID :	PB113293BS	Instrumnet Name :	P7
Client Sample ID :	PB113293BS	Dilution Factor :	1
Date & Time Acquired ::	2018-10-01 11:26:07	DataFile Name :	020CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	9427.35	9435.28	9120.20	9327.61	1.93	ppb
Antimony	121-1	527.40	528.20	527.07	527.56	0.11	ppb
Arsenic	75-1	508.57	500.88	500.51	503.32	0.90	ppb
Barium	135-1	2617.24	2625.83	2619.77	2620.95	0.17	ppb
Barium	137-1	2612.78	2628.46	2617.88	2619.71	0.31	ppb
Beryllium	9-1	512.06	514.14	511.78	512.66	0.25	ppb
Bismuth	209-1				97		%
Bismuth	209-2				94		%
Boron	11-1	484.75	498.23	497.68	493.55	1.55	ppb
Boron	10-1	482.39	488.31	491.35	487.35	0.94	ppb
Cadmium	106-1	533.00	540.99	535.27	536.42	0.77	ppb
Cadmium	108-1	534.32	526.25	532.22	530.93	0.79	ppb
Cadmium	111-1	538.26	538.09	536.06	537.47	0.23	ppb
Calcium	43-1	47001.16	47003.60	46484.42	46829.73	0.64	ppb
Calcium	44-1	47782.81	47475.56	47044.95	47434.44	0.78	ppb
Chromium	52-2	501.14	505.25	484.35	496.91	2.23	ppb
Cobalt	59-2	496.47	501.37	483.47	493.77	1.87	ppb
Copper	63-2	974.62	986.55	946.42	969.20	2.13	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-2						cps
Erbium	164-1						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				105		%
Holmium	165-2				102		%
Indium	115-1				100		%
Indium	115-2				106		%
Iron	56-2	25297.46	25316.67	24157.12	24923.75	2.66	ppb
Iron	57-2	25140.00	25555.76	24357.48	25017.75	2.43	ppb
Krypton	83-1						cps
Lead	206-1	500.34	498.79	502.76	500.63	0.40	ppb
Lead	207-1	504.08	498.86	500.13	501.02	0.54	ppb
Lead	208-1	502.14	501.48	499.51	501.04	0.27	ppb
Lithium	6-1				108		%
Magnesium	24-2	49740.72	49810.39	47371.06	48974.05	2.84	ppb

LB Number :	LB98267	Operator :	Jaswal
Lab Sample ID :	PB113293BS	Instrumnet Name :	P7
Client Sample ID :	PB113293BS	Dilution Factor :	1
Date & Time Acquired ::	2018-10-01 11:26:07	DataFile Name :	020CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	997.76	1003.76	966.94	989.49	2.00	ppb
Molybdenum	94-1	2517.22	2512.57	2506.54	2512.11	0.21	ppb
Molybdenum	95-1	2506.51	2515.41	2521.88	2514.60	0.31	ppb
Molybdenum	96-1	2527.55	2529.61	2510.55	2522.57	0.41	ppb
Molybdenum	97-1	2538.10	2525.03	2501.43	2521.52	0.74	ppb
Molybdenum	98-1	2538.81	2535.63	2526.86	2533.77	0.24	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	502.37	508.13	486.84	499.11	2.21	ppb
Phosphorus	31-2	10189.94	10399.50	9889.72	10159.72	2.52	ppb
Potassium	39-2	23931.74	23696.93	22833.00	23487.22	2.46	ppb
Rhodium	103-1				98		%
Rhodium	103-2				93		%
Scandium	45-1				106		%
Scandium	45-2				111		%
Selenium	77-2	518.54	510.22	505.41	511.39	1.30	ppb
Selenium	78-2	523.11	515.80	496.96	511.96	2.64	ppb
Selenium	82-1	524.59	527.20	525.20	525.66	0.26	ppb
Silicon	28-1	560.53	565.22	571.90	565.88	1.01	ppb
Silver	109-1	555.63	551.96	554.17	553.92	0.33	ppb
Silver	107-1	556.76	552.12	551.12	553.33	0.54	ppb
Sodium	23-2	48988.46	49239.51	46394.81	48207.59	3.27	ppb
Strontium	86-1	500.78	506.24	504.43	503.82	0.55	ppb
Strontium	88-1	511.01	507.52	506.02	508.19	0.50	ppb
Sulfur	34-1	10363.30	10226.24	10080.32	10223.29	1.38	ppb
Terbium	159-1				104		%
Terbium	159-2				102		%
Thallium	203-1	502.96	501.92	499.49	501.46	0.35	ppb
Thallium	205-1	506.54	500.83	504.45	503.94	0.57	ppb
Thorium	232-1	487.89	480.50	482.22	483.54	0.80	ppb
Tin	118-1	526.96	526.65	527.41	527.01	0.07	ppb
Titanium	47-1	2582.38	2548.20	2532.55	2554.38	1.00	ppb
Uranium	238-1	486.07	478.00	479.16	481.08	0.91	ppb
Vanadium	51-2	501.27	500.84	482.05	494.72	2.22	ppb
Yttrium	89-1				104		%
Yttrium	89-2				110		%

LB Number :	LB98267	Operator :	Jaswal
Lab Sample ID :	PB113293BS	Instrumnet Name :	P7
Client Sample ID :	PB113293BS	Dilution Factor :	1
Date & Time Acquired ::	2018-10-01 11:26:07	DataFile Name :	020CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zinc	66-2	834.47	853.23	821.96	836.56	1.88	ppb
Zirconium	90-1	504.11	504.92	500.69	503.24	0.45	ppb
Zirconium	91-1	487.39	490.12	489.29	488.94	0.29	ppb

LB Number :	LB98267	Operator :	Jaswal
Lab Sample ID :	CRI	Instrumnet Name :	P7
Client Sample ID :	CRI	Dilution Factor :	1
Date & Time Acquired ::	2018-10-01 11:33:17	DataFile Name :	022LLCC.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	21.63	19.40	20.96	20.67	5.56	ppb
Antimony	121-1	2.16	2.07	2.11	2.12	2.10	ppb
Arsenic	75-1	1.20	0.82	0.78	0.93	24.69	ppb
Barium	135-1	10.20	10.05	10.32	10.19	1.30	ppb
Barium	137-1	9.77	10.26	10.26	10.10	2.80	ppb
Beryllium	9-1	1.10	1.04	0.96	1.03	6.69	ppb
Bismuth	209-1				104		%
Bismuth	209-2				101		%
Boron	11-1	35.72	35.36	35.92	35.67	0.78	ppb
Boron	10-1	34.68	35.05	35.22	34.98	0.79	ppb
Cadmium	106-1	2.02	2.21	1.19	1.81	30.15	ppb
Cadmium	108-1	1.17	1.12	0.91	1.07	12.75	ppb
Cadmium	111-1	1.21	1.11	1.14	1.16	4.35	ppb
Calcium	43-1	448.02	449.84	450.61	449.49	0.30	ppb
Calcium	44-1	447.11	447.96	458.84	451.30	1.45	ppb
Chromium	52-2	2.22	2.31	2.19	2.24	2.66	ppb
Cobalt	59-2	1.01	1.01	1.04	1.02	1.84	ppb
Copper	63-2	2.35	2.14	2.26	2.25	4.53	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-2						cps
Erbium	164-1						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				108		%
Holmium	165-2				104		%
Indium	115-1				109		%
Indium	115-2				111		%
Iron	56-2	51.47	51.54	51.98	51.66	0.54	ppb
Iron	57-2	54.39	57.60	53.45	55.15	3.95	ppb
Krypton	83-1						cps
Lead	206-1	0.99	1.00	1.01	1.00	0.74	ppb
Lead	207-1	1.03	1.00	0.98	1.00	2.31	ppb
Lead	208-1	1.00	0.98	1.00	0.99	1.08	ppb
Lithium	6-1				115		%
Magnesium	24-2	493.38	496.57	492.20	494.05	0.46	ppb

LB Number :	LB98267	Operator :	Jaswal
Lab Sample ID :	CRI	Instrumnet Name :	P7
Client Sample ID :	CRI	Dilution Factor :	1
Date & Time Acquired ::	2018-10-01 11:33:17	DataFile Name :	022LLCC.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	1.03	1.12	1.04	1.07	4.79	ppb
Molybdenum	94-1	4.80	4.87	4.82	4.83	0.73	ppb
Molybdenum	95-1	5.00	4.77	4.93	4.90	2.41	ppb
Molybdenum	96-1	5.06	4.83	4.95	4.94	2.33	ppb
Molybdenum	97-1	4.87	5.21	5.12	5.07	3.46	ppb
Molybdenum	98-1	5.10	4.96	5.18	5.08	2.14	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	1.01	1.23	1.25	1.16	11.30	ppb
Phosphorus	31-2	14.49	12.46	13.94	13.63	7.70	ppb
Potassium	39-2	481.86	478.40	484.13	481.46	0.60	ppb
Rhodium	103-1				109		%
Rhodium	103-2				102		%
Scandium	45-1				114		%
Scandium	45-2				116		%
Selenium	77-2	6.14	5.00	5.54	5.56	10.28	ppb
Selenium	78-2	5.55	5.42	6.14	5.70	6.71	ppb
Selenium	82-1	4.72	5.01	5.01	4.91	3.43	ppb
Silicon	28-1	12.07	11.67	10.98	11.58	4.77	ppb
Silver	109-1	1.15	1.09	1.11	1.12	2.81	ppb
Silver	107-1	1.16	1.11	1.15	1.14	2.56	ppb
Sodium	23-2	503.72	499.19	493.69	498.87	1.01	ppb
Strontium	86-1	1.11	0.97	0.97	1.02	7.69	ppb
Strontium	88-1	0.99	0.99	0.98	0.99	0.66	ppb
Sulfur	34-1	-495.67	-497.50	-487.51	-493.56		ppb
Terbium	159-1				108		%
Terbium	159-2				105		%
Thallium	203-1	0.97	0.99	0.91	0.96	4.47	ppb
Thallium	205-1	1.04	1.02	0.99	1.02	2.76	ppb
Thorium	232-1	0.93	0.92	0.90	0.92	1.58	ppb
Tin	118-1	5.21	5.06	5.24	5.17	1.87	ppb
Titanium	47-1	4.78	4.99	5.12	4.96	3.47	ppb
Uranium	238-1	0.92	0.94	0.89	0.92	2.40	ppb
Vanadium	51-2	4.84	5.11	5.07	5.00	2.91	ppb
Yttrium	89-1				110		%
Yttrium	89-2				114		%

LB Number :	LB98267	Operator :	Jaswal
Lab Sample ID :	CRI	Instrumnet Name :	P7
Client Sample ID :	CRI	Dilution Factor :	1
Date & Time Acquired ::	2018-10-01 11:33:17	DataFile Name :	022LLCC.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zinc	66-2	2.02	1.94	1.96	1.97	2.08	ppb
Zirconium	90-1	0.99	0.99	0.98	0.98	0.61	ppb
Zirconium	91-1	1.16	0.98	1.02	1.05	8.99	ppb

LB Number :	LB98267	Operator :	Jaswal
Lab Sample ID :	J5082-31	Instrumnet Name :	P7
Client Sample ID :	380912101	Dilution Factor :	1
Date & Time Acquired ::	2018-10-01 11:36:51	DataFile Name :	023SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	15.99	18.48	16.29	16.92	8.03	ppb
Antimony	121-1	0.11	0.15	0.15	0.14	16.65	ppb
Arsenic	75-1	7.35	8.21	8.02	7.86	5.75	ppb
Barium	135-1	0.65	0.56	0.52	0.58	11.07	ppb
Barium	137-1	0.57	0.64	0.59	0.60	5.91	ppb
Beryllium	9-1	0.03	0.03	0.02	0.03	10.65	ppb
Bismuth	209-1				114		%
Bismuth	209-2				106		%
Boron	11-1	166.21	168.74	177.12	170.69	3.34	ppb
Boron	10-1	164.72	164.11	171.25	166.69	2.38	ppb
Cadmium	106-1	0.48	0.28	0.99	0.58	63.19	ppb
Cadmium	108-1	-0.03	0.03	0.00	0.00	9422.96	ppb
Cadmium	111-1	0.10	0.06	0.11	0.09	30.14	ppb
Calcium	43-1	347.84	361.49	359.62	356.32	2.08	ppb
Calcium	44-1	375.62	377.13	384.11	378.95	1.20	ppb
Chromium	52-2	0.18	0.19	0.19	0.19	3.01	ppb
Cobalt	59-2	0.05	0.04	0.05	0.05	6.24	ppb
Copper	63-2	34.00	34.26	34.00	34.09	0.44	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-2						cps
Erbium	164-1						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				121		%
Holmium	165-2				113		%
Indium	115-1				118		%
Indium	115-2				118		%
Iron	56-2	56.31	54.15	52.55	54.34	3.48	ppb
Iron	57-2	55.76	56.45	53.51	55.24	2.78	ppb
Krypton	83-1						cps
Lead	206-1	0.44	0.43	0.41	0.43	3.26	ppb
Lead	207-1	0.43	0.40	0.36	0.40	9.60	ppb
Lead	208-1	0.43	0.41	0.38	0.41	5.55	ppb
Lithium	6-1				126		%
Magnesium	24-2	117.16	119.76	116.64	117.85	1.42	ppb

LB Number :	LB98267	Operator :	Jaswal
Lab Sample ID :	J5082-31	Instrumnet Name :	P7
Client Sample ID :	380912101	Dilution Factor :	1
Date & Time Acquired ::	2018-10-01 11:36:51	DataFile Name :	023SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	0.61	0.65	0.69	0.65	6.69	ppb
Molybdenum	94-1	3.79	3.72	3.55	3.69	3.40	ppb
Molybdenum	95-1	5.37	5.18	5.33	5.29	1.86	ppb
Molybdenum	96-1	5.14	5.18	5.10	5.14	0.78	ppb
Molybdenum	97-1	5.47	5.26	5.36	5.36	1.96	ppb
Molybdenum	98-1	5.30	5.48	5.34	5.37	1.83	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.20	0.21	0.21	0.20	3.03	ppb
Phosphorus	31-2	42.91	20.32	44.40	35.88	37.61	ppb
Potassium	39-2	117.68	118.52	108.42	114.87	4.88	ppb
Rhodium	103-1				115		%
Rhodium	103-2				105		%
Scandium	45-1				123		%
Scandium	45-2				120		%
Selenium	77-2	0.53	0.00	0.53	0.35	86.60	ppb
Selenium	78-2	-0.12	0.68	-0.11	0.15	307.68	ppb
Selenium	82-1	0.05	-0.14	-0.48	-0.19		ppb
Silicon	28-1	6740.17	6745.51	6865.93	6783.87	1.05	ppb
Silver	109-1	0.03	0.05	0.03	0.04	27.87	ppb
Silver	107-1	0.03	0.04	0.04	0.04	10.56	ppb
Sodium	23-2	102150.68	101666.84	100962.71	101593.41	0.59	ppb
Strontium	86-1	4.77	4.65	4.87	4.77	2.36	ppb
Strontium	88-1	4.76	4.69	4.64	4.69	1.29	ppb
Sulfur	34-1	13648.46	13573.35	13731.19	13651.00	0.58	ppb
Terbium	159-1				120		%
Terbium	159-2				114		%
Thallium	203-1	0.08	0.08	0.09	0.08	8.94	ppb
Thallium	205-1	0.08	0.08	0.09	0.08	7.06	ppb
Thorium	232-1	0.01	0.01	0.01	0.01	3.66	ppb
Tin	118-1	0.08	0.09	0.08	0.08	8.69	ppb
Titanium	47-1	0.49	0.61	0.61	0.57	12.06	ppb
Uranium	238-1	1.39	1.40	1.38	1.39	0.47	ppb
Vanadium	51-2	18.92	19.12	19.16	19.07	0.67	ppb
Yttrium	89-1				120		%
Yttrium	89-2				119		%

LB Number :	LB98267	Operator :	Jaswal
Lab Sample ID :	J5082-31	Instrumnet Name :	P7
Client Sample ID :	380912101	Dilution Factor :	1
Date & Time Acquired ::	2018-10-01 11:36:51	DataFile Name :	023SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zinc	66-2	12.46	11.98	12.68	12.37	2.92	ppb
Zirconium	90-1	0.02	0.02	0.01	0.02	42.74	ppb
Zirconium	91-1	0.06	0.02	0.03	0.04	55.64	ppb

LB Number :	LB98267	Operator :	Jaswal
Lab Sample ID :	J5082-31DUP	Instrumnet Name :	P7
Client Sample ID :	380912101DUP	Dilution Factor :	1
Date & Time Acquired ::	2018-10-01 11:40:26	DataFile Name :	024SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	18.36	15.36	20.52	18.08	14.33	ppb
Antimony	121-1	0.12	0.16	0.15	0.15	13.08	ppb
Arsenic	75-1	8.51	8.93	8.89	8.78	2.66	ppb
Barium	135-1	0.55	0.57	0.45	0.52	12.23	ppb
Barium	137-1	0.60	0.54	0.61	0.59	6.43	ppb
Beryllium	9-1	0.02	0.03	0.03	0.03	33.59	ppb
Bismuth	209-1				114		%
Bismuth	209-2				106		%
Boron	11-1	177.70	181.94	185.65	181.76	2.19	ppb
Boron	10-1	175.06	179.00	182.92	178.99	2.20	ppb
Cadmium	106-1	-0.21	-1.85	0.36	-0.57		ppb
Cadmium	108-1	0.03	-0.06	-0.03	-0.02		ppb
Cadmium	111-1	-0.01	-0.09	0.06	-0.01		ppb
Calcium	43-1	365.76	367.52	375.92	369.73	1.47	ppb
Calcium	44-1	386.89	385.40	386.91	386.40	0.22	ppb
Chromium	52-2	0.24	0.26	0.25	0.25	4.27	ppb
Cobalt	59-2	0.05	0.04	0.04	0.04	12.57	ppb
Copper	63-2	35.38	35.24	35.11	35.25	0.38	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-2						cps
Erbium	164-1						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				121		%
Holmium	165-2				113		%
Indium	115-1				118		%
Indium	115-2				117		%
Iron	56-2	56.58	54.80	53.58	54.99	2.74	ppb
Iron	57-2	57.37	59.72	62.43	59.84	4.23	ppb
Krypton	83-1						cps
Lead	206-1	0.36	0.39	0.36	0.37	4.75	ppb
Lead	207-1	0.33	0.39	0.34	0.35	8.20	ppb
Lead	208-1	0.35	0.37	0.35	0.36	3.20	ppb
Lithium	6-1				125		%
Magnesium	24-2	126.85	125.89	120.13	124.29	2.92	ppb

LB Number :	LB98267	Operator :	Jaswal
Lab Sample ID :	J5082-31DUP	Instrumnet Name :	P7
Client Sample ID :	380912101DUP	Dilution Factor :	1
Date & Time Acquired ::	2018-10-01 11:40:26	DataFile Name :	024SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	0.65	0.67	0.68	0.67	1.97	ppb
Molybdenum	94-1	3.98	3.81	3.60	3.80	5.01	ppb
Molybdenum	95-1	5.37	5.47	5.40	5.41	0.89	ppb
Molybdenum	96-1	5.28	5.36	5.10	5.25	2.49	ppb
Molybdenum	97-1	5.47	5.62	5.61	5.57	1.50	ppb
Molybdenum	98-1	5.46	5.46	5.62	5.51	1.68	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.16	0.18	0.09	0.14	31.27	ppb
Phosphorus	31-2	45.74	44.97	33.79	41.50	16.12	ppb
Potassium	39-2	118.92	121.23	112.23	117.46	3.98	ppb
Rhodium	103-1				114		%
Rhodium	103-2				104		%
Scandium	45-1				122		%
Scandium	45-2				119		%
Selenium	77-2	0.54	0.00	0.00	0.18	173.21	ppb
Selenium	78-2	-0.54	0.15	-0.02	-0.13		ppb
Selenium	82-1	0.24	0.15	-0.17	0.07	293.42	ppb
Silicon	28-1	6939.19	6875.83	6935.72	6916.91	0.52	ppb
Silver	109-1	0.04	0.05	0.06	0.05	19.82	ppb
Silver	107-1	0.05	0.04	0.06	0.05	15.56	ppb
Sodium	23-2	106462.09	105671.15	104328.05	105487.10	1.02	ppb
Strontium	86-1	4.75	4.78	4.86	4.79	1.22	ppb
Strontium	88-1	4.83	4.85	4.76	4.81	1.03	ppb
Sulfur	34-1	13615.04	13726.09	13820.79	13720.64	0.75	ppb
Terbium	159-1				120		%
Terbium	159-2				113		%
Thallium	203-1	0.06	0.06	0.05	0.06	12.30	ppb
Thallium	205-1	0.05	0.06	0.07	0.06	18.92	ppb
Thorium	232-1	0.01	0.01	0.01	0.01	4.97	ppb
Tin	118-1	0.09	0.09	0.08	0.08	3.41	ppb
Titanium	47-1	0.58	0.58	0.67	0.61	8.35	ppb
Uranium	238-1	1.45	1.40	1.46	1.43	2.18	ppb
Vanadium	51-2	20.13	20.52	20.26	20.31	0.98	ppb
Yttrium	89-1				119		%
Yttrium	89-2				118		%

LB Number :	LB98267	Operator :	Jaswal
Lab Sample ID :	J5082-31DUP	Instrumnet Name :	P7
Client Sample ID :	380912101DUP	Dilution Factor :	1
Date & Time Acquired ::	2018-10-01 11:40:26	DataFile Name :	024SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zinc	66-2	12.29	12.48	12.49	12.42	0.92	ppb
Zirconium	90-1	0.01	0.02	0.00	0.01	71.48	ppb
Zirconium	91-1	0.05	0.03	0.03	0.04	31.92	ppb

LB Number :	LB98267	Operator :	Jaswal
Lab Sample ID :	J5082-31LX5	Instrumnet Name :	P7
Client Sample ID :	380912101L	Dilution Factor :	5
Date & Time Acquired ::	2018-10-01 11:44:01	DataFile Name :	025SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	4.16	2.94	2.29	3.13	30.37	ppb
Antimony	121-1	0.04	0.04	0.04	0.04	1.85	ppb
Arsenic	75-1	2.28	2.20	2.25	2.24	1.74	ppb
Barium	135-1	0.14	0.13	0.16	0.14	10.10	ppb
Barium	137-1	0.15	0.12	0.15	0.14	13.27	ppb
Beryllium	9-1	0.02	0.04	0.02	0.03	24.27	ppb
Bismuth	209-1				102		%
Bismuth	209-2				98		%
Boron	11-1	53.67	53.49	53.97	53.71	0.46	ppb
Boron	10-1	52.66	51.64	52.17	52.16	0.98	ppb
Cadmium	106-1	1.62	-0.03	-1.11	0.16	858.21	ppb
Cadmium	108-1	0.08	-0.06	0.01	0.01	867.50	ppb
Cadmium	111-1	0.12	0.00	-0.06	0.02	484.96	ppb
Calcium	43-1	70.72	77.32	78.03	75.36	5.35	ppb
Calcium	44-1	81.07	77.74	79.43	79.41	2.10	ppb
Chromium	52-2	0.12	0.09	0.08	0.10	23.11	ppb
Cobalt	59-2	0.00	0.01	0.02	0.01	67.20	ppb
Copper	63-2	7.05	7.14	7.08	7.09	0.65	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-2						cps
Erbium	164-1						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				107		%
Holmium	165-2				102		%
Indium	115-1				106		%
Indium	115-2				107		%
Iron	56-2	11.01	11.70	11.50	11.41	3.11	ppb
Iron	57-2	10.70	11.08	11.81	11.20	5.05	ppb
Krypton	83-1						cps
Lead	206-1	0.14	0.11	0.12	0.12	9.91	ppb
Lead	207-1	0.12	0.11	0.12	0.12	5.79	ppb
Lead	208-1	0.12	0.11	0.12	0.12	7.87	ppb
Lithium	6-1				111		%
Magnesium	24-2	23.06	24.92	24.47	24.15	4.02	ppb

LB Number :	LB98267	Operator :	Jaswal
Lab Sample ID :	J5082-31LX5	Instrumnet Name :	P7
Client Sample ID :	380912101L	Dilution Factor :	5
Date & Time Acquired ::	2018-10-01 11:44:01	DataFile Name :	025SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	0.23	0.18	0.18	0.20	14.32	ppb
Molybdenum	94-1	0.80	0.68	0.72	0.73	8.35	ppb
Molybdenum	95-1	1.05	1.04	0.95	1.01	4.99	ppb
Molybdenum	96-1	1.02	0.92	1.00	0.98	5.09	ppb
Molybdenum	97-1	0.99	1.13	1.10	1.07	7.10	ppb
Molybdenum	98-1	1.11	1.12	1.07	1.10	2.11	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.05	0.03	0.02	0.03	45.76	ppb
Phosphorus	31-2	4.31	8.71	12.60	8.54	48.57	ppb
Potassium	39-2	24.96	25.95	27.06	25.99	4.05	ppb
Rhodium	103-1				105		%
Rhodium	103-2				98		%
Scandium	45-1				109		%
Scandium	45-2				110		%
Selenium	77-2	0.00	0.58	0.00	0.19	173.21	ppb
Selenium	78-2	0.23	0.31	-0.66	-0.04		ppb
Selenium	82-1	0.13	-0.07	-0.01	0.01	749.74	ppb
Silicon	28-1	1321.15	1323.60	1327.75	1324.17	0.25	ppb
Silver	109-1	0.03	0.03	0.03	0.03	11.87	ppb
Silver	107-1	0.02	0.04	0.03	0.03	29.85	ppb
Sodium	23-2	20230.99	20258.14	20163.09	20217.41	0.24	ppb
Strontium	86-1	1.00	0.87	0.98	0.95	7.43	ppb
Strontium	88-1	0.96	0.93	0.95	0.94	1.66	ppb
Sulfur	34-1	1810.67	1763.12	1686.62	1753.47	3.57	ppb
Terbium	159-1				106		%
Terbium	159-2				102		%
Thallium	203-1	0.02	0.01	0.02	0.02	16.66	ppb
Thallium	205-1	0.03	0.02	0.02	0.02	9.12	ppb
Thorium	232-1	0.01	0.02	0.02	0.02	16.64	ppb
Tin	118-1	0.12	0.08	0.12	0.11	20.32	ppb
Titanium	47-1	0.19	0.17	0.27	0.21	23.92	ppb
Uranium	238-1	0.27	0.27	0.25	0.26	2.46	ppb
Vanadium	51-2	3.94	3.93	3.75	3.87	2.76	ppb
Yttrium	89-1				107		%
Yttrium	89-2				108		%

LB Number :	LB98267	Operator :	Jaswal
Lab Sample ID :	J5082-31LX5	Instrumnet Name :	P7
Client Sample ID :	380912101L	Dilution Factor :	5
Date & Time Acquired ::	2018-10-01 11:44:01	DataFile Name :	025SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zinc	66-2	3.00	2.90	2.65	2.85	6.25	ppb
Zirconium	90-1	0.02	0.00	0.01	0.01	106.13	ppb
Zirconium	91-1	0.01	0.02	0.01	0.02	37.23	ppb

LB Number :	LB98267	Operator :	Jaswal
Lab Sample ID :	J5082-31MS	Instrumnet Name :	P7
Client Sample ID :	380912101MS	Dilution Factor :	1
Date & Time Acquired ::	2018-10-01 11:47:35	DataFile Name :	026SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	1903.60	1945.09	1929.78	1926.16	1.09	ppb
Antimony	121-1	743.85	744.73	743.04	743.87	0.11	ppb
Arsenic	75-1	799.90	816.77	819.49	812.05	1.31	ppb
Barium	135-1	207.00	208.22	212.31	209.17	1.33	ppb
Barium	137-1	207.40	212.41	214.33	211.38	1.69	ppb
Beryllium	9-1	206.73	209.23	211.35	209.10	1.11	ppb
Bismuth	209-1				112		%
Bismuth	209-2				104		%
Boron	11-1	443.96	464.88	479.44	462.76	3.85	ppb
Boron	10-1	439.94	458.25	475.79	458.00	3.91	ppb
Cadmium	106-1	179.48	177.79	178.29	178.52	0.49	ppb
Cadmium	108-1	193.32	195.44	197.51	195.42	1.07	ppb
Cadmium	111-1	215.75	218.20	221.33	218.43	1.28	ppb
Calcium	43-1	1564.72	1652.62	1634.84	1617.40	2.87	ppb
Calcium	44-1	1543.09	1579.75	1586.35	1569.73	1.48	ppb
Chromium	52-2	405.35	402.29	409.38	405.67	0.88	ppb
Cobalt	59-2	208.97	206.37	209.92	208.42	0.88	ppb
Copper	63-2	350.19	353.46	355.75	353.13	0.79	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-2						cps
Erbium	164-1						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				120		%
Holmium	165-2				111		%
Indium	115-1				115		%
Indium	115-2				117		%
Iron	56-2	3160.58	3130.27	3169.10	3153.32	0.65	ppb
Iron	57-2	3187.06	3243.77	3224.71	3218.51	0.90	ppb
Krypton	83-1						cps
Lead	206-1	991.11	992.98	997.07	993.72	0.31	ppb
Lead	207-1	967.59	974.31	976.13	972.67	0.46	ppb
Lead	208-1	974.18	979.82	985.99	979.99	0.60	ppb
Lithium	6-1				124		%
Magnesium	24-2	2227.90	2231.47	2222.52	2227.30	0.20	ppb

LB Number :	LB98267	Operator :	Jaswal
Lab Sample ID :	J5082-31MS	Instrumnet Name :	P7
Client Sample ID :	380912101MS	Dilution Factor :	1
Date & Time Acquired ::	2018-10-01 11:47:35	DataFile Name :	026SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	207.32	205.86	209.47	207.55	0.87	ppb
Molybdenum	94-1	271.98	281.45	283.22	278.88	2.17	ppb
Molybdenum	95-1	388.65	398.26	401.09	396.00	1.65	ppb
Molybdenum	96-1	374.47	385.96	386.80	382.41	1.80	ppb
Molybdenum	97-1	388.46	402.38	403.01	397.95	2.07	ppb
Molybdenum	98-1	397.90	404.68	403.10	401.89	0.88	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	514.74	515.20	518.89	516.28	0.44	ppb
Phosphorus	31-2	6322.92	6160.85	6186.36	6223.38	1.40	ppb
Potassium	39-2	9605.60	9586.99	9603.65	9598.74	0.11	ppb
Rhodium	103-1				112		%
Rhodium	103-2				103		%
Scandium	45-1				120		%
Scandium	45-2				119		%
Selenium	77-2	2397.32	2334.31	2378.15	2369.93	1.36	ppb
Selenium	78-2	2371.76	2353.07	2353.71	2359.52	0.45	ppb
Selenium	82-1	2228.08	2334.89	2351.24	2304.74	2.90	ppb
Silicon	28-1	7560.46	7740.00	7673.57	7658.01	1.19	ppb
Silver	109-1	76.09	77.47	79.38	77.65	2.13	ppb
Silver	107-1	75.68	77.71	78.47	77.29	1.87	ppb
Sodium	23-2	104893.91	103551.32	104440.58	104295.27	0.65	ppb
Strontium	86-1	200.06	206.34	206.03	204.14	1.74	ppb
Strontium	88-1	198.20	203.39	202.84	201.48	1.41	ppb
Sulfur	34-1	12999.16	13589.64	13539.14	13375.98	2.45	ppb
Terbium	159-1				119		%
Terbium	159-2				111		%
Thallium	203-1	1917.08	1946.45	1941.92	1935.15	0.82	ppb
Thallium	205-1	1938.55	1952.75	1968.95	1953.41	0.78	ppb
Thorium	232-1	0.03	0.04	0.03	0.03	12.76	ppb
Tin	118-1	725.45	738.02	728.13	730.53	0.91	ppb
Titanium	47-1	200.07	205.23	206.73	204.01	1.71	ppb
Uranium	238-1	1.42	1.47	1.45	1.45	1.82	ppb
Vanadium	51-2	321.58	320.68	323.52	321.93	0.45	ppb
Yttrium	89-1				118		%
Yttrium	89-2				119		%

LB Number :	LB98267	Operator :	Jaswal
Lab Sample ID :	J5082-31MS	Instrumnet Name :	P7
Client Sample ID :	380912101MS	Dilution Factor :	1
Date & Time Acquired ::	2018-10-01 11:47:35	DataFile Name :	026SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zinc	66-2	233.62	231.29	233.18	232.70	0.53	ppb
Zirconium	90-1	0.30	0.27	0.29	0.29	4.51	ppb
Zirconium	91-1	0.47	0.50	0.46	0.48	4.61	ppb

LB Number :	LB98267	Operator :	Jaswal
Lab Sample ID :	J5082-31MSD	Instrumnet Name :	P7
Client Sample ID :	380912101MSD	Dilution Factor :	1
Date & Time Acquired ::	2018-10-01 11:51:10	DataFile Name :	027SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	1851.47	1878.53	1872.45	1867.49	0.76	ppb
Antimony	121-1	752.32	756.62	751.13	753.36	0.38	ppb
Arsenic	75-1	840.44	857.81	860.52	852.92	1.28	ppb
Barium	135-1	215.40	215.74	219.32	216.82	1.00	ppb
Barium	137-1	217.15	218.80	217.88	217.94	0.38	ppb
Beryllium	9-1	215.88	214.43	214.98	215.10	0.34	ppb
Bismuth	209-1				112		%
Bismuth	209-2				105		%
Boron	11-1	485.86	498.12	506.59	496.86	2.10	ppb
Boron	10-1	473.90	493.72	499.97	489.20	2.78	ppb
Cadmium	106-1	191.60	191.79	191.06	191.48	0.20	ppb
Cadmium	108-1	201.59	205.13	204.70	203.80	0.95	ppb
Cadmium	111-1	225.80	230.30	230.88	228.99	1.21	ppb
Calcium	43-1	1448.07	1478.65	1460.61	1462.44	1.05	ppb
Calcium	44-1	1423.84	1433.83	1444.10	1433.92	0.71	ppb
Chromium	52-2	403.76	405.51	411.72	407.00	1.03	ppb
Cobalt	59-2	210.58	212.78	212.52	211.96	0.57	ppb
Copper	63-2	354.38	359.87	361.04	358.43	0.99	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-2						cps
Erbium	164-1						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				119		%
Holmium	165-2				112		%
Indium	115-1				115		%
Indium	115-2				119		%
Iron	56-2	3148.96	3136.31	3132.96	3139.41	0.27	ppb
Iron	57-2	3197.62	3252.98	3241.33	3230.64	0.90	ppb
Krypton	83-1						cps
Lead	206-1	1001.12	1007.78	1000.52	1003.14	0.40	ppb
Lead	207-1	980.78	981.08	978.87	980.24	0.12	ppb
Lead	208-1	989.79	991.13	987.43	989.45	0.19	ppb
Lithium	6-1				120		%
Magnesium	24-2	2110.21	2099.08	2150.23	2119.84	1.27	ppb

LB Number :	LB98267	Operator :	Jaswal
Lab Sample ID :	J5082-31MSD	Instrumnet Name :	P7
Client Sample ID :	380912101MSD	Dilution Factor :	1
Date & Time Acquired ::	2018-10-01 11:51:10	DataFile Name :	027SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	205.16	203.94	207.67	205.59	0.92	ppb
Molybdenum	94-1	282.94	291.17	289.99	288.03	1.54	ppb
Molybdenum	95-1	403.66	409.10	414.94	409.23	1.38	ppb
Molybdenum	96-1	391.71	398.74	397.43	395.96	0.94	ppb
Molybdenum	97-1	407.07	416.15	413.87	412.36	1.15	ppb
Molybdenum	98-1	412.56	414.68	410.00	412.41	0.57	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	520.42	522.98	527.60	523.67	0.69	ppb
Phosphorus	31-2	6305.21	6250.15	6312.35	6289.24	0.54	ppb
Potassium	39-2	9616.95	9662.07	9737.07	9672.03	0.63	ppb
Rhodium	103-1				112		%
Rhodium	103-2				104		%
Scandium	45-1				118		%
Scandium	45-2				121		%
Selenium	77-2	2445.70	2419.35	2377.90	2414.31	1.42	ppb
Selenium	78-2	2389.17	2364.67	2396.18	2383.34	0.69	ppb
Selenium	82-1	2386.45	2421.55	2411.81	2406.60	0.75	ppb
Silicon	28-1	7779.00	7792.89	7826.98	7799.63	0.32	ppb
Silver	109-1	78.99	80.68	80.61	80.09	1.20	ppb
Silver	107-1	79.07	81.16	80.87	80.37	1.40	ppb
Sodium	23-2	102207.61	101936.86	102720.45	102288.31	0.39	ppb
Strontium	86-1	206.37	211.53	210.63	209.51	1.32	ppb
Strontium	88-1	205.58	207.13	203.61	205.44	0.86	ppb
Sulfur	34-1	13653.64	13835.80	13917.77	13802.40	0.98	ppb
Terbium	159-1				117		%
Terbium	159-2				112		%
Thallium	203-1	1963.58	1970.23	1967.08	1966.96	0.17	ppb
Thallium	205-1	1971.89	1990.73	1983.59	1982.07	0.48	ppb
Thorium	232-1	0.02	0.02	0.02	0.02	5.87	ppb
Tin	118-1	744.82	746.75	743.06	744.88	0.25	ppb
Titanium	47-1	208.35	211.72	207.75	209.27	1.02	ppb
Uranium	238-1	1.42	1.51	1.48	1.47	3.31	ppb
Vanadium	51-2	322.60	325.96	328.26	325.61	0.87	ppb
Yttrium	89-1				117		%
Yttrium	89-2				121		%

LB Number :	LB98267	Operator :	Jaswal
Lab Sample ID :	J5082-31MSD	Instrumnet Name :	P7
Client Sample ID :	380912101MSD	Dilution Factor :	1
Date & Time Acquired ::	2018-10-01 11:51:10	DataFile Name :	027SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zinc	66-2	204.45	205.96	206.33	205.58	0.48	ppb
Zirconium	90-1	0.10	0.12	0.11	0.11	9.81	ppb
Zirconium	91-1	0.32	0.31	0.29	0.30	5.38	ppb

LB Number :	LB98267	Operator :	Jaswal
Lab Sample ID :	J5082-31A	Instrumnet Name :	P7
Client Sample ID :	380912101A	Dilution Factor :	1
Date & Time Acquired ::	2018-10-01 11:54:46	DataFile Name :	028SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	1896.04	1919.56	1872.67	1896.09	1.24	ppb
Antimony	121-1	752.29	746.19	735.47	744.65	1.14	ppb
Arsenic	75-1	851.79	856.52	853.89	854.07	0.28	ppb
Barium	135-1	213.90	215.18	215.80	214.96	0.45	ppb
Barium	137-1	214.80	216.63	220.38	217.27	1.31	ppb
Beryllium	9-1	214.33	216.07	214.24	214.88	0.48	ppb
Bismuth	209-1				114		%
Bismuth	209-2				105		%
Boron	11-1	495.75	503.40	511.40	503.52	1.56	ppb
Boron	10-1	484.02	497.68	499.98	493.90	1.75	ppb
Cadmium	106-1	185.61	189.29	192.54	189.15	1.83	ppb
Cadmium	108-1	200.92	202.47	199.09	200.83	0.84	ppb
Cadmium	111-1	224.35	228.07	228.48	226.97	1.00	ppb
Calcium	43-1	1559.43	1532.44	1554.42	1548.76	0.93	ppb
Calcium	44-1	1513.54	1533.05	1518.19	1521.59	0.67	ppb
Chromium	52-2	413.61	411.58	404.23	409.81	1.20	ppb
Cobalt	59-2	213.83	212.66	208.48	211.66	1.33	ppb
Copper	63-2	364.06	363.92	354.44	360.81	1.53	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-2						cps
Erbium	164-1						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				122		%
Holmium	165-2				113		%
Indium	115-1				118		%
Indium	115-2				120		%
Iron	56-2	3211.51	3178.83	3132.76	3174.37	1.25	ppb
Iron	57-2	3266.46	3291.24	3188.09	3248.59	1.66	ppb
Krypton	83-1						cps
Lead	206-1	1011.95	1004.34	994.27	1003.52	0.88	ppb
Lead	207-1	990.98	983.79	969.02	981.27	1.14	ppb
Lead	208-1	1000.01	993.66	979.82	991.16	1.04	ppb
Lithium	6-1				120		%
Magnesium	24-2	2206.68	2183.31	2145.84	2178.61	1.41	ppb

LB Number :	LB98267	Operator :	Jaswal
Lab Sample ID :	J5082-31A	Instrumnet Name :	P7
Client Sample ID :	380912101A	Dilution Factor :	1
Date & Time Acquired ::	2018-10-01 11:54:46	DataFile Name :	028SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	209.77	209.02	204.61	207.80	1.34	ppb
Molybdenum	94-1	284.22	288.27	282.22	284.90	1.08	ppb
Molybdenum	95-1	400.73	409.20	406.36	405.43	1.06	ppb
Molybdenum	96-1	390.12	393.13	391.41	391.55	0.39	ppb
Molybdenum	97-1	408.44	412.11	406.13	408.90	0.74	ppb
Molybdenum	98-1	412.64	412.06	402.49	409.06	1.39	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	529.66	530.85	521.02	527.18	1.02	ppb
Phosphorus	31-2	6502.88	6290.89	6341.87	6378.55	1.73	ppb
Potassium	39-2	9763.41	9758.96	9575.20	9699.19	1.11	ppb
Rhodium	103-1				115		%
Rhodium	103-2				105		%
Scandium	45-1				122		%
Scandium	45-2				122		%
Selenium	77-2	2472.93	2411.76	2376.76	2420.48	2.01	ppb
Selenium	78-2	2419.35	2414.81	2399.86	2411.34	0.42	ppb
Selenium	82-1	2364.58	2424.06	2374.12	2387.59	1.34	ppb
Silicon	28-1	7778.94	7752.93	7649.87	7727.24	0.88	ppb
Silver	109-1	79.25	79.53	80.06	79.61	0.51	ppb
Silver	107-1	78.86	79.83	80.09	79.59	0.81	ppb
Sodium	23-2	104514.91	104359.92	101557.12	103477.32	1.61	ppb
Strontium	86-1	210.05	209.14	208.27	209.15	0.43	ppb
Strontium	88-1	204.90	205.44	203.19	204.51	0.58	ppb
Sulfur	34-1	13801.08	13883.24	13661.28	13781.86	0.81	ppb
Terbium	159-1				121		%
Terbium	159-2				113		%
Thallium	203-1	1965.64	1966.99	1959.29	1963.97	0.21	ppb
Thallium	205-1	1972.50	1985.28	1958.73	1972.17	0.67	ppb
Thorium	232-1	0.02	0.02	0.02	0.02	1.78	ppb
Tin	118-1	743.70	741.41	741.34	742.15	0.18	ppb
Titanium	47-1	209.41	208.84	208.36	208.87	0.25	ppb
Uranium	238-1	1.49	1.44	1.50	1.48	2.28	ppb
Vanadium	51-2	329.18	327.27	322.39	326.28	1.07	ppb
Yttrium	89-1				121		%
Yttrium	89-2				122		%

LB Number :	LB98267	Operator :	Jaswal
Lab Sample ID :	J5082-31A	Instrumnet Name :	P7
Client Sample ID :	380912101A	Dilution Factor :	1
Date & Time Acquired ::	2018-10-01 11:54:46	DataFile Name :	028SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zinc	66-2	226.01	228.57	220.11	224.90	1.93	ppb
Zirconium	90-1	0.17	0.17	0.16	0.17	3.05	ppb
Zirconium	91-1	0.34	0.39	0.34	0.36	7.63	ppb

LB Number :	LB98267	Operator :	Jaswal
Lab Sample ID :	CCV18	Instrumnet Name :	P7
Client Sample ID :	CCV18	Dilution Factor :	1
Date & Time Acquired ::	2018-10-01 11:58:20	DataFile Name :	029CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	52212.63	51411.91	51185.29	51603.28	1.05	ppb
Antimony	121-1	497.99	497.25	500.74	498.66	0.37	ppb
Arsenic	75-1	473.54	478.41	484.77	478.90	1.18	ppb
Barium	135-1	2635.43	2629.03	2630.47	2631.64	0.13	ppb
Barium	137-1	2630.32	2616.81	2622.75	2623.29	0.26	ppb
Beryllium	9-1	514.33	505.27	515.06	511.55	1.07	ppb
Bismuth	209-1				89		%
Bismuth	209-2				83		%
Boron	11-1	550.12	556.93	558.76	555.27	0.82	ppb
Boron	10-1	538.39	545.45	559.57	547.80	1.97	ppb
Cadmium	106-1	500.90	507.13	503.91	503.98	0.62	ppb
Cadmium	108-1	493.10	509.53	508.43	503.69	1.82	ppb
Cadmium	111-1	494.06	496.99	496.86	495.97	0.33	ppb
Calcium	43-1	238276.39	237590.49	236314.85	237393.91	0.42	ppb
Calcium	44-1	236737.66	235995.02	238568.25	237100.31	0.56	ppb
Chromium	52-2	532.46	530.08	528.72	530.42	0.36	ppb
Cobalt	59-2	499.41	497.72	495.18	497.44	0.43	ppb
Copper	63-2	938.71	943.55	934.55	938.94	0.48	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-2						cps
Erbium	164-1						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				105		%
Holmium	165-2				98		%
Indium	115-1				95		%
Indium	115-2				100		%
Iron	56-2	126345.31	124898.51	125002.39	125415.40	0.64	ppb
Iron	57-2	127317.77	125950.23	124560.53	125942.84	1.09	ppb
Krypton	83-1						cps
Lead	206-1	531.36	524.80	535.49	530.55	1.02	ppb
Lead	207-1	528.72	522.72	527.85	526.43	0.62	ppb
Lead	208-1	528.40	523.03	529.41	526.95	0.65	ppb
Lithium	6-1				103		%
Magnesium	24-2	250440.19	247692.83	246110.67	248081.23	0.88	ppb

LB Number :	LB98267	Operator :	Jaswal
Lab Sample ID :	CCV18	Instrumnet Name :	P7
Client Sample ID :	CCV18	Dilution Factor :	1
Date & Time Acquired ::	2018-10-01 11:58:20	DataFile Name :	029CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	1020.82	1017.38	1021.80	1020.00	0.23	ppb
Molybdenum	94-1	2583.36	2564.66	2606.81	2584.94	0.82	ppb
Molybdenum	95-1	2583.90	2566.97	2587.48	2579.45	0.42	ppb
Molybdenum	96-1	2589.00	2578.93	2591.60	2586.51	0.26	ppb
Molybdenum	97-1	2588.29	2576.64	2589.15	2584.70	0.27	ppb
Molybdenum	98-1	2592.39	2589.61	2611.37	2597.79	0.46	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	497.85	500.70	498.89	499.15	0.29	ppb
Phosphorus	31-2	10257.57	10227.70	10113.33	10199.53	0.75	ppb
Potassium	39-2	123384.43	121646.17	121683.42	122238.01	0.81	ppb
Rhodium	103-1				90		%
Rhodium	103-2				84		%
Scandium	45-1				103		%
Scandium	45-2				108		%
Selenium	77-2	480.83	490.86	455.66	475.78	3.81	ppb
Selenium	78-2	475.49	486.59	484.71	482.26	1.23	ppb
Selenium	82-1	479.50	478.33	482.26	480.03	0.42	ppb
Silicon	28-1	522.65	532.36	533.52	529.51	1.13	ppb
Silver	109-1	510.14	507.29	508.76	508.73	0.28	ppb
Silver	107-1	510.82	508.69	511.54	510.35	0.29	ppb
Sodium	23-2	248469.94	249130.34	246505.90	248035.40	0.55	ppb
Strontium	86-1	514.22	512.10	521.44	515.92	0.95	ppb
Strontium	88-1	517.27	518.04	516.68	517.33	0.13	ppb
Sulfur	34-1	10411.62	10521.01	10497.68	10476.77	0.55	ppb
Terbium	159-1				103		%
Terbium	159-2				97		%
Thallium	203-1	533.99	527.63	530.28	530.63	0.60	ppb
Thallium	205-1	539.36	527.84	538.50	535.23	1.20	ppb
Thorium	232-1	534.22	521.58	527.47	527.76	1.20	ppb
Tin	118-1	520.73	515.38	518.64	518.25	0.52	ppb
Titanium	47-1	2593.81	2596.92	2584.43	2591.72	0.25	ppb
Uranium	238-1	532.96	519.93	528.09	527.00	1.25	ppb
Vanadium	51-2	517.37	516.10	515.92	516.46	0.15	ppb
Yttrium	89-1				101		%
Yttrium	89-2				106		%

LB Number :	LB98267	Operator :	Jaswal
Lab Sample ID :	CCV18	Instrumnet Name :	P7
Client Sample ID :	CCV18	Dilution Factor :	1
Date & Time Acquired ::	2018-10-01 11:58:20	DataFile Name :	029CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zinc	66-2	790.89	790.17	785.71	788.92	0.36	ppb
Zirconium	90-1	522.43	514.53	518.48	518.48	0.76	ppb
Zirconium	91-1	505.68	506.38	510.64	507.56	0.53	ppb

LB Number :	LB98267	Operator :	Jaswal
Lab Sample ID :	CCB18	Instrumnet Name :	P7
Client Sample ID :	CCB18	Dilution Factor :	1
Date & Time Acquired ::	2018-10-01 12:02:00	DataFile Name :	030CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	1.53	1.19	0.57	1.10	44.65	ppb
Antimony	121-1	0.33	0.33	0.31	0.32	4.57	ppb
Arsenic	75-1	0.34	0.39	0.20	0.31	32.20	ppb
Barium	135-1	0.10	0.10	0.06	0.09	23.15	ppb
Barium	137-1	0.06	0.11	0.07	0.08	29.03	ppb
Beryllium	9-1	0.06	0.06	0.09	0.07	26.29	ppb
Bismuth	209-1				105		%
Bismuth	209-2				99		%
Boron	11-1	44.93	39.36	37.77	40.69	9.24	ppb
Boron	10-1	42.32	37.59	37.72	39.21	6.87	ppb
Cadmium	106-1	0.09	0.96	0.13	0.39	124.54	ppb
Cadmium	108-1	0.01	0.00	0.08	0.03	132.77	ppb
Cadmium	111-1	0.10	0.14	0.08	0.11	26.21	ppb
Calcium	43-1	6.86	8.05	5.17	6.69	21.63	ppb
Calcium	44-1	8.00	6.81	6.59	7.13	10.60	ppb
Chromium	52-2	0.01	0.04	0.01	0.02	74.41	ppb
Cobalt	59-2	0.01	0.02	0.02	0.02	15.67	ppb
Copper	63-2	0.19	0.21	0.16	0.19	13.47	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-2						cps
Erbium	164-1						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				109		%
Holmium	165-2				102		%
Indium	115-1				107		%
Indium	115-2				109		%
Iron	56-2	3.39	3.49	3.21	3.36	4.33	ppb
Iron	57-2	3.19	2.99	2.30	2.83	16.45	ppb
Krypton	83-1						cps
Lead	206-1	0.08	0.05	0.06	0.06	25.69	ppb
Lead	207-1	0.06	0.06	0.08	0.07	16.78	ppb
Lead	208-1	0.07	0.06	0.07	0.07	4.51	ppb
Lithium	6-1				114		%
Magnesium	24-2	4.85	6.46	6.09	5.80	14.53	ppb

LB Number :	LB98267	Operator :	Jaswal
Lab Sample ID :	CCB18	Instrumnet Name :	P7
Client Sample ID :	CCB18	Dilution Factor :	1
Date & Time Acquired ::	2018-10-01 12:02:00	DataFile Name :	030CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	0.06	0.01	0.03	0.04	67.88	ppb
Molybdenum	94-1	0.39	0.25	0.24	0.30	28.26	ppb
Molybdenum	95-1	0.47	0.38	0.38	0.41	13.44	ppb
Molybdenum	96-1	0.50	0.37	0.41	0.43	15.33	ppb
Molybdenum	97-1	0.46	0.45	0.36	0.42	13.61	ppb
Molybdenum	98-1	0.45	0.42	0.33	0.40	15.12	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.01	-0.01	0.03	0.01	240.09	ppb
Phosphorus	31-2	-4.02	3.22	1.44	0.21	1763.75	ppb
Potassium	39-2	11.58	12.31	10.08	11.32	10.07	ppb
Rhodium	103-1				106		%
Rhodium	103-2				100		%
Scandium	45-1				110		%
Scandium	45-2				111		%
Selenium	77-2	0.00	0.59	0.00	0.20	173.21	ppb
Selenium	78-2	0.89	-0.17	-0.12	0.20	299.53	ppb
Selenium	82-1	-0.07	-0.21	-0.14	-0.14		ppb
Silicon	28-1	3.15	0.26	1.06	1.49	100.14	ppb
Silver	109-1	0.06	0.08	0.07	0.07	13.16	ppb
Silver	107-1	0.08	0.06	0.07	0.07	9.59	ppb
Sodium	23-2	39.37	43.67	36.38	39.81	9.21	ppb
Strontium	86-1	0.00	0.02	-0.02	0.00		ppb
Strontium	88-1	0.03	0.02	0.02	0.02	22.03	ppb
Sulfur	34-1	-284.72	-626.11	-408.99	-439.94		ppb
Terbium	159-1				107		%
Terbium	159-2				102		%
Thallium	203-1	0.22	0.20	0.20	0.21	6.94	ppb
Thallium	205-1	0.22	0.21	0.18	0.21	9.15	ppb
Thorium	232-1	0.08	0.07	0.07	0.07	7.34	ppb
Tin	118-1	0.12	0.10	0.11	0.11	6.31	ppb
Titanium	47-1	0.21	0.12	0.09	0.14	44.31	ppb
Uranium	238-1	0.02	0.01	0.01	0.01	36.66	ppb
Vanadium	51-2	0.02	0.03	0.03	0.02	23.24	ppb
Yttrium	89-1				108		%
Yttrium	89-2				109		%

LB Number :	LB98267	Operator :	Jaswal
Lab Sample ID :	CCB18	Instrumnet Name :	P7
Client Sample ID :	CCB18	Dilution Factor :	1
Date & Time Acquired ::	2018-10-01 12:02:00	DataFile Name :	030CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zinc	66-2	0.11	0.11	0.01	0.07	79.81	ppb
Zirconium	90-1	0.03	0.02	0.02	0.03	27.73	ppb
Zirconium	91-1	0.04	0.05	0.03	0.04	32.36	ppb

LB Number :	LB98267	Operator :	Jaswal
Lab Sample ID :	J5082-33	Instrumnet Name :	P7
Client Sample ID :	380912107	Dilution Factor :	1
Date & Time Acquired ::	2018-10-01 12:05:34	DataFile Name :	031SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	18.52	20.41	19.17	19.37	4.96	ppb
Antimony	121-1	2.24	2.22	1.97	2.14	7.06	ppb
Arsenic	75-1	7.94	7.70	8.71	8.12	6.53	ppb
Barium	135-1	1.19	1.31	1.29	1.26	5.02	ppb
Barium	137-1	1.29	1.20	1.29	1.26	3.90	ppb
Beryllium	9-1	0.04	0.05	0.05	0.04	16.25	ppb
Bismuth	209-1				112		%
Bismuth	209-2				102		%
Boron	11-1	392.89	398.04	406.46	399.13	1.72	ppb
Boron	10-1	377.40	388.41	404.03	389.95	3.43	ppb
Cadmium	106-1	-0.19	-0.36	-1.44	-0.66		ppb
Cadmium	108-1	0.03	0.06	0.10	0.06	50.26	ppb
Cadmium	111-1	0.04	0.02	-0.08	-0.01		ppb
Calcium	43-1	1005.37	963.74	983.51	984.21	2.12	ppb
Calcium	44-1	1010.50	1006.03	1023.20	1013.24	0.88	ppb
Chromium	52-2	0.23	0.23	0.28	0.25	11.66	ppb
Cobalt	59-2	0.02	0.01	0.02	0.02	14.21	ppb
Copper	63-2	48.54	47.58	49.10	48.41	1.58	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-2						cps
Erbium	164-1						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				123		%
Holmium	165-2				113		%
Indium	115-1				117		%
Indium	115-2				117		%
Iron	56-2	2.41	2.73	2.67	2.60	6.56	ppb
Iron	57-2	4.91	5.69	5.32	5.31	7.29	ppb
Krypton	83-1						cps
Lead	206-1	0.25	0.25	0.28	0.26	6.27	ppb
Lead	207-1	0.25	0.25	0.23	0.24	4.43	ppb
Lead	208-1	0.25	0.25	0.26	0.25	2.53	ppb
Lithium	6-1				126		%
Magnesium	24-2	1099.64	1087.57	1081.87	1089.70	0.83	ppb

LB Number :	LB98267	Operator :	Jaswal
Lab Sample ID :	J5082-33	Instrumnet Name :	P7
Client Sample ID :	380912107	Dilution Factor :	1
Date & Time Acquired ::	2018-10-01 12:05:34	DataFile Name :	031SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	0.44	0.36	0.44	0.41	10.56	ppb
Molybdenum	94-1	3.27	3.04	3.14	3.15	3.55	ppb
Molybdenum	95-1	4.27	4.45	4.60	4.44	3.71	ppb
Molybdenum	96-1	4.23	4.34	4.34	4.30	1.42	ppb
Molybdenum	97-1	4.53	4.44	4.60	4.52	1.75	ppb
Molybdenum	98-1	4.64	4.61	4.62	4.62	0.32	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.28	0.23	0.25	0.25	8.99	ppb
Phosphorus	31-2	58.46	42.52	72.47	57.82	25.92	ppb
Potassium	39-2	3241.21	3201.70	3226.78	3223.23	0.62	ppb
Rhodium	103-1				111		%
Rhodium	103-2				102		%
Scandium	45-1				120		%
Scandium	45-2				120		%
Selenium	77-2	1.59	3.17	1.57	2.11	43.28	ppb
Selenium	78-2	1.22	1.11	1.01	1.12	9.24	ppb
Selenium	82-1	1.22	1.36	0.63	1.07	36.39	ppb
Silicon	28-1	9327.59	9282.55	9406.37	9338.84	0.67	ppb
Silver	109-1	0.10	0.12	0.11	0.11	5.80	ppb
Silver	107-1	0.11	0.09	0.11	0.10	10.25	ppb
Sodium	23-2	254170.47	251988.29	253198.02	253118.93	0.43	ppb
Strontium	86-1	20.96	20.74	20.96	20.89	0.59	ppb
Strontium	88-1	20.64	20.45	20.66	20.58	0.58	ppb
Sulfur	34-1	152783.24	152358.86	153103.05	152748.38	0.24	ppb
Terbium	159-1				122		%
Terbium	159-2				113		%
Thallium	203-1	0.22	0.22	0.21	0.22	4.42	ppb
Thallium	205-1	0.23	0.22	0.20	0.22	6.52	ppb
Thorium	232-1	0.04	0.03	0.03	0.03	18.39	ppb
Tin	118-1	0.08	0.07	0.07	0.07	10.49	ppb
Titanium	47-1	0.74	0.67	0.59	0.67	11.85	ppb
Uranium	238-1	6.24	6.33	6.18	6.25	1.21	ppb
Vanadium	51-2	5.19	5.19	5.29	5.22	1.08	ppb
Yttrium	89-1				119		%
Yttrium	89-2				120		%

LB Number :	LB98267	Operator :	Jaswal
Lab Sample ID :	J5082-33	Instrumnet Name :	P7
Client Sample ID :	380912107	Dilution Factor :	1
Date & Time Acquired ::	2018-10-01 12:05:34	DataFile Name :	031SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zinc	66-2	10.63	10.71	11.06	10.80	2.12	ppb
Zirconium	90-1	0.03	0.02	0.01	0.02	31.74	ppb
Zirconium	91-1	0.04	0.03	0.03	0.03	20.15	ppb

LB Number :	LB98267	Operator :	Jaswal
Lab Sample ID :	J5082-34	Instrumnet Name :	P7
Client Sample ID :	380912112	Dilution Factor :	1
Date & Time Acquired ::	2018-10-01 12:09:13	DataFile Name :	032SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	17.22	17.69	18.83	17.91	4.63	ppb
Antimony	121-1	0.73	0.78	0.70	0.74	5.85	ppb
Arsenic	75-1	6.00	6.69	6.71	6.47	6.25	ppb
Barium	135-1	0.13	0.19	0.08	0.13	42.97	ppb
Barium	137-1	0.17	0.20	0.11	0.16	27.85	ppb
Beryllium	9-1	0.04	0.04	0.03	0.03	21.27	ppb
Bismuth	209-1				117		%
Bismuth	209-2				106		%
Boron	11-1	460.03	477.68	484.75	474.15	2.69	ppb
Boron	10-1	446.30	451.48	469.72	455.83	2.70	ppb
Cadmium	106-1	0.54	-1.15	-0.49	-0.37		ppb
Cadmium	108-1	0.00	-0.03	0.00	-0.01		ppb
Cadmium	111-1	0.07	-0.06	0.00	0.00	1785.58	ppb
Calcium	43-1	100716.55	100871.03	99191.08	100259.56	0.93	ppb
Calcium	44-1	98755.19	99571.00	98101.06	98809.08	0.75	ppb
Chromium	52-2	0.26	0.25	0.24	0.25	5.15	ppb
Cobalt	59-2	0.04	0.04	0.05	0.04	10.91	ppb
Copper	63-2	16.45	16.49	16.46	16.47	0.14	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-2						cps
Erbium	164-1						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				127		%
Holmium	165-2				115		%
Indium	115-1				122		%
Indium	115-2				120		%
Iron	56-2	2.09	2.22	2.15	2.15	3.04	ppb
Iron	57-2	241.42	248.94	229.35	239.90	4.12	ppb
Krypton	83-1						cps
Lead	206-1	0.91	0.90	0.89	0.90	1.08	ppb
Lead	207-1	0.82	0.89	0.81	0.84	5.29	ppb
Lead	208-1	0.87	0.89	0.86	0.87	1.62	ppb
Lithium	6-1				128		%
Magnesium	24-2	29828.25	30054.74	29808.14	29897.04	0.46	ppb

LB Number :	LB98267	Operator :	Jaswal
Lab Sample ID :	J5082-34	Instrumnet Name :	P7
Client Sample ID :	380912112	Dilution Factor :	1
Date & Time Acquired ::	2018-10-01 12:09:13	DataFile Name :	032SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	0.25	0.27	0.23	0.25	9.32	ppb
Molybdenum	94-1	0.04	0.09	0.06	0.06	42.69	ppb
Molybdenum	95-1	0.05	0.05	0.05	0.05	9.63	ppb
Molybdenum	96-1	0.06	0.05	0.06	0.06	6.50	ppb
Molybdenum	97-1	0.06	0.08	0.04	0.06	35.20	ppb
Molybdenum	98-1	0.05	0.06	0.06	0.06	7.35	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.19	0.22	0.19	0.20	8.91	ppb
Phosphorus	31-2	44.58	38.64	50.91	44.71	13.72	ppb
Potassium	39-2	910.71	908.40	894.80	904.64	0.95	ppb
Rhodium	103-1				117		%
Rhodium	103-2				106		%
Scandium	45-1				125		%
Scandium	45-2				122		%
Selenium	77-2	1.55	1.57	1.04	1.39	21.53	ppb
Selenium	78-2	0.20	0.22	0.56	0.33	61.57	ppb
Selenium	82-1	1.07	1.00	0.93	1.00	6.97	ppb
Silicon	28-1	4479.98	4473.81	4410.88	4454.89	0.86	ppb
Silver	109-1	0.11	0.11	0.12	0.11	5.88	ppb
Silver	107-1	0.11	0.11	0.11	0.11	3.58	ppb
Sodium	23-2	64669.25	64785.23	64505.81	64653.43	0.22	ppb
Strontium	86-1	3948.72	3933.88	3891.08	3924.56	0.76	ppb
Strontium	88-1	3938.45	3884.49	3879.68	3900.87	0.84	ppb
Sulfur	34-1	149965.89	150386.78	148217.88	149523.51	0.77	ppb
Terbium	159-1				125		%
Terbium	159-2				115		%
Thallium	203-1	0.08	0.08	0.07	0.08	8.99	ppb
Thallium	205-1	0.08	0.08	0.07	0.08	10.55	ppb
Thorium	232-1	0.03	0.02	0.02	0.02	24.45	ppb
Tin	118-1	0.08	0.08	0.09	0.08	9.13	ppb
Titanium	47-1	0.35	0.40	0.48	0.41	16.52	ppb
Uranium	238-1	0.01	0.01	0.00	0.01	15.45	ppb
Vanadium	51-2	0.11	0.14	0.12	0.12	12.99	ppb
Yttrium	89-1				124		%
Yttrium	89-2				121		%

LB Number :	LB98267	Operator :	Jaswal
Lab Sample ID :	J5082-34	Instrumnet Name :	P7
Client Sample ID :	380912112	Dilution Factor :	1
Date & Time Acquired ::	2018-10-01 12:09:13	DataFile Name :	032SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zinc	66-2	14.06	13.90	13.58	13.85	1.75	ppb
Zirconium	90-1	0.03	0.03	0.02	0.02	20.47	ppb
Zirconium	91-1	0.04	0.04	0.02	0.03	25.07	ppb

LB Number :	LB98267	Operator :	Jaswal
Lab Sample ID :	J5082-35	Instrumnet Name :	P7
Client Sample ID :	380912115	Dilution Factor :	1
Date & Time Acquired ::	2018-10-01 12:12:49	DataFile Name :	033SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	22.78	24.89	23.47	23.71	4.55	ppb
Antimony	121-1	0.59	0.58	0.62	0.59	3.65	ppb
Arsenic	75-1	17.35	17.56	18.61	17.84	3.79	ppb
Barium	135-1	0.31	0.31	0.31	0.31	0.62	ppb
Barium	137-1	0.36	0.39	0.33	0.36	9.10	ppb
Beryllium	9-1	0.02	0.05	0.04	0.04	43.10	ppb
Bismuth	209-1				120		%
Bismuth	209-2				108		%
Boron	11-1	119.73	116.54	121.06	119.11	1.95	ppb
Boron	10-1	115.65	114.31	113.39	114.45	0.99	ppb
Cadmium	106-1	0.95	-0.37	2.07	0.88	138.55	ppb
Cadmium	108-1	0.06	0.00	-0.03	0.01	626.91	ppb
Cadmium	111-1	0.08	0.00	0.17	0.08	104.08	ppb
Calcium	43-1	99.49	91.46	90.78	93.91	5.16	ppb
Calcium	44-1	128.48	123.17	125.18	125.61	2.14	ppb
Chromium	52-2	0.53	0.54	0.51	0.53	2.83	ppb
Cobalt	59-2	0.00	0.01	0.01	0.01	83.63	ppb
Copper	63-2	11.14	10.99	10.85	10.99	1.35	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-2						cps
Erbium	164-1						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				127		%
Holmium	165-2				115		%
Indium	115-1				123		%
Indium	115-2				121		%
Iron	56-2	2.59	2.62	2.47	2.56	3.14	ppb
Iron	57-2	2.20	2.33	3.09	2.54	18.90	ppb
Krypton	83-1						cps
Lead	206-1	0.08	0.09	0.07	0.08	10.54	ppb
Lead	207-1	0.06	0.06	0.06	0.06	3.95	ppb
Lead	208-1	0.06	0.07	0.07	0.07	6.92	ppb
Lithium	6-1				127		%
Magnesium	24-2	19.89	20.05	18.34	19.43	4.86	ppb

LB Number :	LB98267	Operator :	Jaswal
Lab Sample ID :	J5082-35	Instrumnet Name :	P7
Client Sample ID :	380912115	Dilution Factor :	1
Date & Time Acquired ::	2018-10-01 12:12:49	DataFile Name :	033SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	0.45	0.39	0.38	0.41	8.78	ppb
Molybdenum	94-1	1.13	1.10	1.13	1.12	1.61	ppb
Molybdenum	95-1	1.67	1.51	1.47	1.55	6.57	ppb
Molybdenum	96-1	1.58	1.42	1.50	1.50	5.23	ppb
Molybdenum	97-1	1.46	1.53	1.63	1.54	5.55	ppb
Molybdenum	98-1	1.61	1.51	1.53	1.55	3.55	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.24	0.27	0.28	0.26	8.29	ppb
Phosphorus	31-2	48.94	30.59	27.84	35.79	32.05	ppb
Potassium	39-2	70.17	68.51	64.71	67.79	4.13	ppb
Rhodium	103-1				120		%
Rhodium	103-2				108		%
Scandium	45-1				126		%
Scandium	45-2				123		%
Selenium	77-2	1.04	1.03	2.06	1.38	42.99	ppb
Selenium	78-2	0.73	0.88	0.63	0.75	17.15	ppb
Selenium	82-1	0.78	0.75	0.84	0.79	5.97	ppb
Silicon	28-1	9233.54	9044.66	9234.63	9170.94	1.19	ppb
Silver	109-1	0.08	0.12	0.10	0.10	21.78	ppb
Silver	107-1	0.09	0.10	0.10	0.10	9.68	ppb
Sodium	23-2	82312.04	82565.80	81416.94	82098.26	0.74	ppb
Strontium	86-1	2.37	2.30	2.13	2.27	5.47	ppb
Strontium	88-1	2.53	2.29	2.33	2.38	5.33	ppb
Sulfur	34-1	14626.62	14240.83	14563.92	14477.12	1.43	ppb
Terbium	159-1				125		%
Terbium	159-2				115		%
Thallium	203-1	0.07	0.05	0.05	0.06	18.84	ppb
Thallium	205-1	0.06	0.05	0.05	0.05	12.34	ppb
Thorium	232-1	0.01	0.01	0.01	0.01	2.32	ppb
Tin	118-1	0.14	0.10	0.10	0.11	17.76	ppb
Titanium	47-1	0.67	0.52	0.75	0.65	17.97	ppb
Uranium	238-1	2.49	2.41	2.56	2.49	2.99	ppb
Vanadium	51-2	6.32	6.38	6.44	6.38	0.95	ppb
Yttrium	89-1				125		%
Yttrium	89-2				122		%

LB Number :	LB98267	Operator :	Jaswal
Lab Sample ID :	J5082-35	Instrumnet Name :	P7
Client Sample ID :	380912115	Dilution Factor :	1
Date & Time Acquired ::	2018-10-01 12:12:49	DataFile Name :	033SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zinc	66-2	4.73	4.74	4.52	4.66	2.70	ppb
Zirconium	90-1	0.01	0.02	0.02	0.02	46.02	ppb
Zirconium	91-1	0.02	0.04	0.01	0.02	73.77	ppb

LB Number :	LB98267	Operator :	Jaswal
Lab Sample ID :	J5082-36	Instrumnet Name :	P7
Client Sample ID :	380912118	Dilution Factor :	1
Date & Time Acquired ::	2018-10-01 12:16:25	DataFile Name :	034SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	20.74	17.66	18.90	19.10	8.11	ppb
Antimony	121-1	0.42	0.46	0.43	0.44	4.99	ppb
Arsenic	75-1	8.39	9.61	8.76	8.92	7.05	ppb
Barium	135-1	0.37	0.36	0.23	0.32	23.23	ppb
Barium	137-1	0.33	0.35	0.27	0.32	14.46	ppb
Beryllium	9-1	0.03	0.02	0.04	0.03	40.00	ppb
Bismuth	209-1				121		%
Bismuth	209-2				110		%
Boron	11-1	185.17	191.63	191.73	189.51	1.98	ppb
Boron	10-1	177.52	186.28	185.20	183.00	2.61	ppb
Cadmium	106-1	-0.84	-0.14	0.31	-0.22		ppb
Cadmium	108-1	-0.06	0.06	-0.06	-0.02		ppb
Cadmium	111-1	-0.04	0.00	0.03	0.00		ppb
Calcium	43-1	4060.40	3996.53	4059.83	4038.92	0.91	ppb
Calcium	44-1	4002.42	4004.59	4031.24	4012.75	0.40	ppb
Chromium	52-2	0.48	0.50	0.55	0.51	6.91	ppb
Cobalt	59-2	0.01	0.22	0.00	0.08	160.64	ppb
Copper	63-2	9.10	9.13	9.04	9.09	0.52	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-2						cps
Erbium	164-1						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				129		%
Holmium	165-2				120		%
Indium	115-1				126		%
Indium	115-2				125		%
Iron	56-2	1.68	1.65	1.56	1.63	3.97	ppb
Iron	57-2	12.25	12.50	10.91	11.89	7.20	ppb
Krypton	83-1						cps
Lead	206-1	0.28	0.27	0.28	0.28	2.74	ppb
Lead	207-1	0.30	0.31	0.29	0.30	3.01	ppb
Lead	208-1	0.29	0.29	0.29	0.29	0.65	ppb
Lithium	6-1				129		%
Magnesium	24-2	88.71	90.57	89.71	89.66	1.04	ppb

LB Number :	LB98267	Operator :	Jaswal
Lab Sample ID :	J5082-36	Instrumnet Name :	P7
Client Sample ID :	380912118	Dilution Factor :	1
Date & Time Acquired ::	2018-10-01 12:16:25	DataFile Name :	034SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	0.38	0.34	0.35	0.36	6.03	ppb
Molybdenum	94-1	0.08	0.04	0.04	0.05	43.89	ppb
Molybdenum	95-1	0.08	0.08	0.06	0.07	16.18	ppb
Molybdenum	96-1	0.07	0.10	0.06	0.08	22.95	ppb
Molybdenum	97-1	0.07	0.05	0.12	0.08	41.90	ppb
Molybdenum	98-1	0.08	0.07	0.09	0.08	14.66	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.12	0.08	0.13	0.11	23.39	ppb
Phosphorus	31-2	-0.87	14.83	11.70	8.55	97.14	ppb
Potassium	39-2	82.24	83.14	83.53	82.97	0.80	ppb
Rhodium	103-1				122		%
Rhodium	103-2				112		%
Scandium	45-1				129		%
Scandium	45-2				129		%
Selenium	77-2	1.48	2.97	0.50	1.65	75.57	ppb
Selenium	78-2	2.01	0.71	1.29	1.34	48.84	ppb
Selenium	82-1	0.70	0.96	0.81	0.82	15.38	ppb
Silicon	28-1	12.75	12.99	12.71	12.82	1.18	ppb
Silver	109-1	0.09	0.08	0.08	0.08	7.06	ppb
Silver	107-1	0.07	0.08	0.09	0.08	14.74	ppb
Sodium	23-2	127644.46	127372.91	127604.43	127540.60	0.11	ppb
Strontium	86-1	5.79	5.72	5.97	5.83	2.26	ppb
Strontium	88-1	5.84	5.90	5.82	5.85	0.71	ppb
Sulfur	34-1	55966.06	55831.19	55856.46	55884.57	0.13	ppb
Terbium	159-1				128		%
Terbium	159-2				120		%
Thallium	203-1	0.03	0.04	0.03	0.04	25.70	ppb
Thallium	205-1	0.03	0.03	0.04	0.03	15.74	ppb
Thorium	232-1	0.01	0.01	0.01	0.01	6.31	ppb
Tin	118-1	0.11	0.13	0.10	0.11	14.26	ppb
Titanium	47-1	0.12	0.11	0.07	0.10	28.08	ppb
Uranium	238-1	0.00	0.00	0.00	0.00	105.94	ppb
Vanadium	51-2	0.10	0.08	0.07	0.08	19.94	ppb
Yttrium	89-1				128		%
Yttrium	89-2				128		%

LB Number :	LB98267	Operator :	Jaswal
Lab Sample ID :	J5082-36	Instrumnet Name :	P7
Client Sample ID :	380912118	Dilution Factor :	1
Date & Time Acquired ::	2018-10-01 12:16:25	DataFile Name :	034SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zinc	66-2	12.06	12.49	12.66	12.41	2.47	ppb
Zirconium	90-1	0.02	0.02	0.01	0.02	38.20	ppb
Zirconium	91-1	0.03	0.02	0.03	0.03	16.13	ppb

LB Number :	LB98267	Operator :	Jaswal
Lab Sample ID :	J5082-37	Instrumnet Name :	P7
Client Sample ID :	380912121	Dilution Factor :	1
Date & Time Acquired ::	2018-10-01 12:20:02	DataFile Name :	035SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	23.19	23.96	24.53	23.89	2.82	ppb
Antimony	121-1	0.36	0.39	0.42	0.39	7.21	ppb
Arsenic	75-1	9.90	10.45	11.38	10.58	7.08	ppb
Barium	135-1	0.32	0.28	0.21	0.27	20.28	ppb
Barium	137-1	0.27	0.28	0.24	0.26	7.06	ppb
Beryllium	9-1	0.03	0.03	0.04	0.03	27.77	ppb
Bismuth	209-1				118		%
Bismuth	209-2				105		%
Boron	11-1	162.42	167.36	170.20	166.66	2.36	ppb
Boron	10-1	155.86	163.63	163.97	161.15	2.85	ppb
Cadmium	106-1	-1.07	-0.24	-0.35	-0.55		ppb
Cadmium	108-1	0.03	0.03	0.00	0.02	92.92	ppb
Cadmium	111-1	-0.07	0.00	-0.01	-0.03		ppb
Calcium	43-1	1289.00	1279.14	1307.77	1291.97	1.13	ppb
Calcium	44-1	1297.49	1304.08	1310.41	1303.99	0.50	ppb
Chromium	52-2	0.28	0.30	0.30	0.29	4.32	ppb
Cobalt	59-2	0.02	0.02	0.02	0.02	16.10	ppb
Copper	63-2	14.02	14.03	14.29	14.12	1.10	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-2						cps
Erbium	164-1						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				125		%
Holmium	165-2				112		%
Indium	115-1				122		%
Indium	115-2				117		%
Iron	56-2	2.62	2.51	2.60	2.57	2.26	ppb
Iron	57-2	6.33	5.04	4.76	5.38	15.58	ppb
Krypton	83-1						cps
Lead	206-1	5.50	5.58	5.43	5.50	1.37	ppb
Lead	207-1	5.14	5.28	5.37	5.26	2.25	ppb
Lead	208-1	5.34	5.37	5.41	5.37	0.65	ppb
Lithium	6-1				127		%
Magnesium	24-2	838.87	860.04	855.37	851.43	1.31	ppb

LB Number :	LB98267	Operator :	Jaswal
Lab Sample ID :	J5082-37	Instrumnet Name :	P7
Client Sample ID :	380912121	Dilution Factor :	1
Date & Time Acquired ::	2018-10-01 12:20:02	DataFile Name :	035SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	0.44	0.46	0.46	0.45	2.43	ppb
Molybdenum	94-1	0.54	0.49	0.52	0.52	4.65	ppb
Molybdenum	95-1	0.76	0.74	0.73	0.74	2.01	ppb
Molybdenum	96-1	0.71	0.74	0.72	0.72	1.71	ppb
Molybdenum	97-1	0.82	0.71	0.85	0.79	8.79	ppb
Molybdenum	98-1	0.79	0.82	0.78	0.80	2.70	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.29	0.35	0.32	0.32	9.35	ppb
Phosphorus	31-2	5.29	-5.77	5.42	1.65	390.06	ppb
Potassium	39-2	5732.78	5780.06	5793.54	5768.80	0.55	ppb
Rhodium	103-1				118		%
Rhodium	103-2				105		%
Scandium	45-1				124		%
Scandium	45-2				120		%
Selenium	77-2	0.00	2.13	0.53	0.89	124.88	ppb
Selenium	78-2	-0.28	-0.37	0.43	-0.07		ppb
Selenium	82-1	0.38	0.07	-0.17	0.09	298.65	ppb
Silicon	28-1	7353.85	7404.77	7382.30	7380.31	0.35	ppb
Silver	109-1	0.08	0.07	0.09	0.08	13.26	ppb
Silver	107-1	0.07	0.08	0.09	0.08	13.73	ppb
Sodium	23-2	104411.53	106001.25	104527.29	104980.02	0.84	ppb
Strontium	86-1	19.02	19.62	19.82	19.49	2.13	ppb
Strontium	88-1	19.11	19.08	19.30	19.17	0.63	ppb
Sulfur	34-1	8734.00	8738.33	8816.83	8763.05	0.53	ppb
Terbium	159-1				124		%
Terbium	159-2				112		%
Thallium	203-1	0.03	0.04	0.03	0.03	19.68	ppb
Thallium	205-1	0.02	0.03	0.02	0.03	16.22	ppb
Thorium	232-1	0.00	0.00	0.00	0.00	3.69	ppb
Tin	118-1	4.55	4.79	4.58	4.64	2.78	ppb
Titanium	47-1	0.75	4.89	0.71	2.12	113.25	ppb
Uranium	238-1	0.04	0.03	0.03	0.03	12.76	ppb
Vanadium	51-2	0.37	0.41	0.43	0.40	7.32	ppb
Yttrium	89-1				123		%
Yttrium	89-2				118		%

LB Number :	LB98267	Operator :	Jaswal
Lab Sample ID :	J5082-37	Instrumnet Name :	P7
Client Sample ID :	380912121	Dilution Factor :	1
Date & Time Acquired ::	2018-10-01 12:20:02	DataFile Name :	035SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zinc	66-2	12.31	13.42	12.82	12.85	4.32	ppb
Zirconium	90-1	0.01	0.01	0.01	0.01	36.63	ppb
Zirconium	91-1	0.01	0.02	0.02	0.02	27.76	ppb

LB Number :	LB98267	Operator :	Jaswal
Lab Sample ID :	J5082-38	Instrumnet Name :	P7
Client Sample ID :	380913105-1	Dilution Factor :	1
Date & Time Acquired ::	2018-10-01 12:23:36	DataFile Name :	036SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	20.70	20.44	22.20	21.11	4.50	ppb
Antimony	121-1	0.29	0.35	0.35	0.33	10.40	ppb
Arsenic	75-1	11.31	12.51	13.93	12.59	10.41	ppb
Barium	135-1	0.26	0.24	0.22	0.24	9.21	ppb
Barium	137-1	0.24	0.26	0.28	0.26	7.15	ppb
Beryllium	9-1	0.02	0.02	0.02	0.02	13.50	ppb
Bismuth	209-1				114		%
Bismuth	209-2				105		%
Boron	11-1	985.18	1040.84	1077.35	1034.46	4.49	ppb
Boron	10-1	945.57	993.04	1034.04	990.88	4.47	ppb
Cadmium	106-1	-1.05	-0.18	-0.60	-0.61		ppb
Cadmium	108-1	0.06	2.39	0.27	0.90	142.34	ppb
Cadmium	111-1	-0.07	-0.13	-0.05	-0.09		ppb
Calcium	43-1	433.11	419.85	442.89	431.95	2.68	ppb
Calcium	44-1	463.85	484.23	492.39	480.16	3.06	ppb
Chromium	52-2	0.74	0.76	0.73	0.74	2.28	ppb
Cobalt	59-2	0.03	0.03	0.02	0.03	19.36	ppb
Copper	63-2	13.50	13.75	13.92	13.72	1.56	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-2						cps
Erbium	164-1						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				123		%
Holmium	165-2				115		%
Indium	115-1				118		%
Indium	115-2				119		%
Iron	56-2	4.28	4.37	4.37	4.34	1.17	ppb
Iron	57-2	5.37	4.97	4.17	4.84	12.72	ppb
Krypton	83-1						cps
Lead	206-1	0.50	0.50	0.54	0.51	4.87	ppb
Lead	207-1	0.49	0.49	0.53	0.50	5.25	ppb
Lead	208-1	0.48	0.49	0.53	0.50	5.46	ppb
Lithium	6-1				124		%
Magnesium	24-2	170.94	174.81	175.35	173.70	1.38	ppb

LB Number :	LB98267	Operator :	Jaswal
Lab Sample ID :	J5082-38	Instrumnet Name :	P7
Client Sample ID :	380913105-1	Dilution Factor :	1
Date & Time Acquired ::	2018-10-01 12:23:36	DataFile Name :	036SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	0.24	0.21	0.21	0.22	8.34	ppb
Molybdenum	94-1	0.05	0.07	0.05	0.05	21.73	ppb
Molybdenum	95-1	0.03	0.03	0.05	0.04	34.56	ppb
Molybdenum	96-1	0.02	0.03	0.06	0.04	46.63	ppb
Molybdenum	97-1	0.03	0.06	0.05	0.05	35.45	ppb
Molybdenum	98-1	0.04	0.04	0.05	0.04	7.43	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.20	0.14	0.43	0.26	59.74	ppb
Phosphorus	31-2	28.97	22.26	57.06	36.10	51.14	ppb
Potassium	39-2	99.34	96.08	103.28	99.56	3.62	ppb
Rhodium	103-1				114		%
Rhodium	103-2				106		%
Scandium	45-1				122		%
Scandium	45-2				124		%
Selenium	77-2	0.52	0.52	0.00	0.34	86.60	ppb
Selenium	78-2	0.80	0.03	-0.57	0.08	816.28	ppb
Selenium	82-1	0.02	-0.20	0.55	0.12	318.74	ppb
Silicon	28-1	15454.16	16148.40	16554.95	16052.50	3.47	ppb
Silver	109-1	0.07	0.07	0.10	0.08	17.56	ppb
Silver	107-1	0.08	0.08	0.10	0.09	13.47	ppb
Sodium	23-2	184000.95	184859.87	183354.57	184071.80	0.41	ppb
Strontium	86-1	0.96	1.07	1.17	1.07	9.64	ppb
Strontium	88-1	1.07	1.10	1.10	1.09	1.77	ppb
Sulfur	34-1	8238.79	8717.80	9058.46	8671.68	4.75	ppb
Terbium	159-1				121		%
Terbium	159-2				114		%
Thallium	203-1	0.02	0.02	0.02	0.02	23.07	ppb
Thallium	205-1	0.02	0.02	0.02	0.02	9.43	ppb
Thorium	232-1	0.00	0.00	0.00	0.00	34.22	ppb
Tin	118-1	0.27	0.28	0.32	0.29	9.45	ppb
Titanium	47-1	0.74	0.99	0.97	0.90	15.38	ppb
Uranium	238-1	0.04	0.04	0.04	0.04	6.63	ppb
Vanadium	51-2	12.10	11.81	11.75	11.89	1.54	ppb
Yttrium	89-1				120		%
Yttrium	89-2				122		%

LB Number :	LB98267	Operator :	Jaswal
Lab Sample ID :	J5082-38	Instrumnet Name :	P7
Client Sample ID :	380913105-1	Dilution Factor :	1
Date & Time Acquired ::	2018-10-01 12:23:36	DataFile Name :	036SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zinc	66-2	8.20	8.81	8.51	8.51	3.58	ppb
Zirconium	90-1	0.02	0.03	0.01	0.02	46.93	ppb
Zirconium	91-1	0.04	0.02	0.04	0.03	27.81	ppb

LB Number :	LB98267	Operator :	Jaswal
Lab Sample ID :	J5082-39	Instrumnet Name :	P7
Client Sample ID :	380914006	Dilution Factor :	1
Date & Time Acquired ::	2018-10-01 12:27:15	DataFile Name :	037SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	15.29	15.21	14.61	15.04	2.49	ppb
Antimony	121-1	0.29	0.28	0.28	0.28	2.40	ppb
Arsenic	75-1	10.03	10.07	10.26	10.12	1.23	ppb
Barium	135-1	0.15	0.18	0.18	0.17	11.20	ppb
Barium	137-1	0.17	0.18	0.22	0.19	13.24	ppb
Beryllium	9-1	0.02	0.02	0.03	0.02	12.85	ppb
Bismuth	209-1				123		%
Bismuth	209-2				109		%
Boron	11-1	61.32	60.09	58.45	59.95	2.40	ppb
Boron	10-1	58.21	57.05	56.67	57.31	1.41	ppb
Cadmium	106-1	0.18	-0.21	0.50	0.16	226.91	ppb
Cadmium	108-1	0.00	0.00	0.03	0.01	253.33	ppb
Cadmium	111-1	0.01	-0.01	0.05	0.02	158.57	ppb
Calcium	43-1	96.02	89.51	108.30	97.94	9.74	ppb
Calcium	44-1	100.20	98.77	105.76	101.57	3.63	ppb
Chromium	52-2	0.09	0.09	0.11	0.10	10.04	ppb
Cobalt	59-2	0.01	0.00	0.01	0.01	60.37	ppb
Copper	63-2	1.43	1.52	1.54	1.50	3.80	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-2						cps
Erbium	164-1						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				127		%
Holmium	165-2				113		%
Indium	115-1				126		%
Indium	115-2				120		%
Iron	56-2	1.50	1.46	1.53	1.50	2.29	ppb
Iron	57-2	0.60	0.81	1.47	0.96	47.26	ppb
Krypton	83-1						cps
Lead	206-1	0.15	0.13	0.13	0.14	9.45	ppb
Lead	207-1	0.13	0.15	0.15	0.14	6.73	ppb
Lead	208-1	0.13	0.14	0.15	0.14	4.19	ppb
Lithium	6-1				127		%
Magnesium	24-2	27.92	28.42	27.53	27.96	1.59	ppb

LB Number :	LB98267	Operator :	Jaswal
Lab Sample ID :	J5082-39	Instrumnet Name :	P7
Client Sample ID :	380914006	Dilution Factor :	1
Date & Time Acquired ::	2018-10-01 12:27:15	DataFile Name :	037SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	0.52	0.52	0.47	0.50	5.07	ppb
Molybdenum	94-1	0.01	0.00	0.02	0.01	150.41	ppb
Molybdenum	95-1	0.01	0.01	0.01	0.01	13.89	ppb
Molybdenum	96-1	0.00	0.00	0.00	0.00		ppb
Molybdenum	97-1	0.01	0.01	0.00	0.01	25.70	ppb
Molybdenum	98-1	0.02	0.01	0.01	0.01	61.02	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.16	0.16	0.18	0.17	5.09	ppb
Phosphorus	31-2	9.51	-2.19	7.59	4.97	126.26	ppb
Potassium	39-2	4.05	3.31	6.25	4.54	33.70	ppb
Rhodium	103-1				124		%
Rhodium	103-2				110		%
Scandium	45-1				125		%
Scandium	45-2				119		%
Selenium	77-2	0.53	1.05	0.00	0.53	99.86	ppb
Selenium	78-2	0.06	-0.03	0.33	0.12	158.03	ppb
Selenium	82-1	-0.14	-0.12	0.01	-0.08		ppb
Silicon	28-1	-4.41	-4.65	-3.64	-4.23		ppb
Silver	109-1	0.04	0.07	0.07	0.06	27.87	ppb
Silver	107-1	0.06	0.06	0.07	0.07	8.15	ppb
Sodium	23-2	85.75	81.44	82.83	83.34	2.64	ppb
Strontium	86-1	0.45	0.42	0.52	0.46	10.46	ppb
Strontium	88-1	0.50	0.51	0.53	0.51	3.17	ppb
Sulfur	34-1	-1197.00	-1095.95	-948.06	-1080.34		ppb
Terbium	159-1				125		%
Terbium	159-2				113		%
Thallium	203-1	0.03	0.01	0.02	0.02	39.39	ppb
Thallium	205-1	0.01	0.02	0.02	0.02	26.15	ppb
Thorium	232-1	0.00	0.00	0.00	0.00	38.73	ppb
Tin	118-1	0.30	0.33	0.38	0.34	12.58	ppb
Titanium	47-1	0.09	0.07	0.09	0.08	15.85	ppb
Uranium	238-1	0.00	0.00	0.00	0.00	2588.00	ppb
Vanadium	51-2	0.16	0.16	0.11	0.14	21.15	ppb
Yttrium	89-1				126		%
Yttrium	89-2				119		%

LB Number :	LB98267	Operator :	Jaswal
Lab Sample ID :	J5082-39	Instrumnet Name :	P7
Client Sample ID :	380914006	Dilution Factor :	1
Date & Time Acquired ::	2018-10-01 12:27:15	DataFile Name :	037SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zinc	66-2	2.42	2.51	2.48	2.47	1.78	ppb
Zirconium	90-1	0.01	0.00	0.01	0.00	95.38	ppb
Zirconium	91-1	-0.01	0.02	0.02	0.01	143.76	ppb

LB Number :	LB98267	Operator :	Jaswal
Lab Sample ID :	J5082-40	Instrumnet Name :	P7
Client Sample ID :	380914007	Dilution Factor :	1
Date & Time Acquired ::	2018-10-01 12:30:50	DataFile Name :	038SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	17.55	14.98	15.63	16.05	8.32	ppb
Antimony	121-1	0.28	0.36	0.31	0.31	12.63	ppb
Arsenic	75-1	11.66	12.74	12.12	12.17	4.44	ppb
Barium	135-1	141.56	144.96	144.78	143.77	1.33	ppb
Barium	137-1	141.81	143.82	144.87	143.50	1.09	ppb
Beryllium	9-1	0.02	0.04	0.02	0.03	34.99	ppb
Bismuth	209-1				120		%
Bismuth	209-2				106		%
Boron	11-1	146.06	151.24	153.83	150.37	2.63	ppb
Boron	10-1	141.73	146.82	148.83	145.79	2.51	ppb
Cadmium	106-1	-0.45	-0.92	-0.55	-0.64		ppb
Cadmium	108-1	0.15	0.15	0.06	0.12	43.63	ppb
Cadmium	111-1	-0.03	-0.07	-0.04	-0.05		ppb
Calcium	43-1	59180.09	60851.77	60498.04	60176.63	1.46	ppb
Calcium	44-1	61153.05	62079.05	61792.60	61674.90	0.77	ppb
Chromium	52-2	0.20	0.21	0.21	0.21	3.12	ppb
Cobalt	59-2	0.03	0.04	0.04	0.04	9.96	ppb
Copper	63-2	63.90	63.05	64.29	63.75	0.99	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-2						cps
Erbium	164-1						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				128		%
Holmium	165-2				115		%
Indium	115-1				123		%
Indium	115-2				118		%
Iron	56-2	34.32	33.91	34.48	34.23	0.86	ppb
Iron	57-2	180.25	189.35	188.28	185.96	2.67	ppb
Krypton	83-1						cps
Lead	206-1	0.27	0.28	0.27	0.27	2.93	ppb
Lead	207-1	0.28	0.24	0.24	0.25	9.02	ppb
Lead	208-1	0.27	0.26	0.27	0.26	3.30	ppb
Lithium	6-1				124		%
Magnesium	24-2	14577.55	14532.57	14583.77	14564.63	0.19	ppb

LB Number :	LB98267	Operator :	Jaswal
Lab Sample ID :	J5082-40	Instrumnet Name :	P7
Client Sample ID :	380914007	Dilution Factor :	1
Date & Time Acquired ::	2018-10-01 12:30:50	DataFile Name :	038SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	1.69	1.62	1.61	1.64	2.63	ppb
Molybdenum	94-1	0.44	0.38	0.37	0.40	10.17	ppb
Molybdenum	95-1	0.56	0.59	0.52	0.56	6.78	ppb
Molybdenum	96-1	0.55	0.57	0.51	0.54	5.65	ppb
Molybdenum	97-1	0.63	0.56	0.69	0.63	10.21	ppb
Molybdenum	98-1	0.55	0.59	0.57	0.57	2.93	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.72	0.67	0.70	0.70	4.02	ppb
Phosphorus	31-2	449.08	489.19	467.32	468.53	4.29	ppb
Potassium	39-2	1961.16	1946.82	1975.34	1961.11	0.73	ppb
Rhodium	103-1				118		%
Rhodium	103-2				106		%
Scandium	45-1				123		%
Scandium	45-2				118		%
Selenium	77-2	1.07	2.11	0.53	1.24	65.30	ppb
Selenium	78-2	1.05	0.41	-0.03	0.48	114.45	ppb
Selenium	82-1	0.59	0.69	0.78	0.69	14.20	ppb
Silicon	28-1	6147.51	6246.83	6204.54	6199.63	0.80	ppb
Silver	109-1	0.10	0.12	0.11	0.11	9.57	ppb
Silver	107-1	0.10	0.12	0.12	0.11	12.06	ppb
Sodium	23-2	51424.28	51133.83	51472.62	51343.58	0.36	ppb
Strontium	86-1	752.34	772.80	777.49	767.55	1.74	ppb
Strontium	88-1	787.50	794.94	799.17	793.87	0.74	ppb
Sulfur	34-1	16732.11	17465.49	17281.81	17159.80	2.22	ppb
Terbium	159-1				126		%
Terbium	159-2				115		%
Thallium	203-1	0.02	0.01	0.02	0.02	40.27	ppb
Thallium	205-1	0.02	0.02	0.01	0.02	30.30	ppb
Thorium	232-1	0.00	0.00	0.00	0.00	39.87	ppb
Tin	118-1	0.34	0.31	0.33	0.33	5.47	ppb
Titanium	47-1	0.60	0.68	0.62	0.63	6.37	ppb
Uranium	238-1	3.39	3.30	3.41	3.37	1.62	ppb
Vanadium	51-2	2.32	2.34	2.40	2.35	1.75	ppb
Yttrium	89-1				124		%
Yttrium	89-2				119		%

LB Number :	LB98267	Operator :	Jaswal
Lab Sample ID :	J5082-40	Instrumnet Name :	P7
Client Sample ID :	380914007	Dilution Factor :	1
Date & Time Acquired ::	2018-10-01 12:30:50	DataFile Name :	038SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zinc	66-2	313.01	311.39	309.07	311.15	0.64	ppb
Zirconium	90-1	0.02	0.01	0.01	0.01	33.65	ppb
Zirconium	91-1	0.05	0.02	0.03	0.03	58.01	ppb

LB Number :	LB98267	Operator :	Jaswal
Lab Sample ID :	J5082-41	Instrumnet Name :	P7
Client Sample ID :	380914008	Dilution Factor :	1
Date & Time Acquired ::	2018-10-01 12:34:25	DataFile Name :	039SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	19.16	17.86	21.30	19.44	8.95	ppb
Antimony	121-1	0.36	0.39	0.41	0.39	6.48	ppb
Arsenic	75-1	12.63	12.83	12.30	12.59	2.12	ppb
Barium	135-1	144.19	151.95	148.64	148.26	2.63	ppb
Barium	137-1	144.10	153.70	149.64	149.15	3.23	ppb
Beryllium	9-1	0.03	0.02	0.02	0.03	29.03	ppb
Bismuth	209-1				113		%
Bismuth	209-2				104		%
Boron	11-1	157.25	170.52	166.41	164.73	4.12	ppb
Boron	10-1	151.99	162.07	157.74	157.27	3.22	ppb
Cadmium	106-1	0.07	0.49	-2.11	-0.51		ppb
Cadmium	108-1	0.16	0.07	0.33	0.19	70.42	ppb
Cadmium	111-1	0.01	0.05	-0.15	-0.03		ppb
Calcium	43-1	59963.87	63766.07	60729.46	61486.47	3.27	ppb
Calcium	44-1	61359.99	65277.11	61856.03	62831.04	3.39	ppb
Chromium	52-2	0.26	0.18	0.24	0.23	19.03	ppb
Cobalt	59-2	0.05	0.04	0.04	0.04	5.20	ppb
Copper	63-2	131.82	126.18	137.22	131.74	4.19	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-2						cps
Erbium	164-1						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				119		%
Holmium	165-2				112		%
Indium	115-1				114		%
Indium	115-2				115		%
Iron	56-2	35.14	34.15	37.02	35.44	4.11	ppb
Iron	57-2	176.69	173.70	177.14	175.85	1.06	ppb
Krypton	83-1						cps
Lead	206-1	0.61	0.64	0.68	0.64	5.47	ppb
Lead	207-1	0.59	0.60	0.57	0.58	2.86	ppb
Lead	208-1	0.60	0.64	0.62	0.62	3.29	ppb
Lithium	6-1				116		%
Magnesium	24-2	14661.17	14063.69	15109.24	14611.37	3.59	ppb

LB Number :	LB98267	Operator :	Jaswal
Lab Sample ID :	J5082-41	Instrumnet Name :	P7
Client Sample ID :	380914008	Dilution Factor :	1
Date & Time Acquired ::	2018-10-01 12:34:25	DataFile Name :	039SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	1.98	1.81	2.12	1.97	7.80	ppb
Molybdenum	94-1	0.37	0.47	0.41	0.41	11.43	ppb
Molybdenum	95-1	0.69	0.74	0.61	0.68	9.56	ppb
Molybdenum	96-1	0.53	0.62	0.53	0.56	8.76	ppb
Molybdenum	97-1	0.55	0.72	0.58	0.62	14.91	ppb
Molybdenum	98-1	0.62	0.73	0.59	0.64	11.44	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.75	0.85	0.76	0.79	6.60	ppb
Phosphorus	31-2	564.04	511.58	494.38	523.33	6.93	ppb
Potassium	39-2	2000.88	1915.57	2043.44	1986.63	3.28	ppb
Rhodium	103-1				108		%
Rhodium	103-2				103		%
Scandium	45-1				113		%
Scandium	45-2				114		%
Selenium	77-2	0.00	1.59	0.56	0.72	112.13	ppb
Selenium	78-2	0.29	-0.03	0.45	0.24	102.01	ppb
Selenium	82-1	0.75	0.43	0.64	0.61	26.84	ppb
Silicon	28-1	6528.89	6848.70	6511.57	6629.72	2.86	ppb
Silver	109-1	0.13	0.13	0.11	0.12	9.68	ppb
Silver	107-1	0.11	0.13	0.11	0.12	7.68	ppb
Sodium	23-2	52122.98	49888.72	53549.09	51853.60	3.56	ppb
Strontium	86-1	755.77	809.85	768.29	777.97	3.64	ppb
Strontium	88-1	776.78	820.77	786.58	794.71	2.91	ppb
Sulfur	34-1	19631.30	20972.84	19652.80	20085.64	3.83	ppb
Terbium	159-1				117		%
Terbium	159-2				111		%
Thallium	203-1	0.01	0.02	0.02	0.02	7.44	ppb
Thallium	205-1	0.01	0.02	0.01	0.02	21.54	ppb
Thorium	232-1	0.00	0.01	0.00	0.00	35.99	ppb
Tin	118-1	0.48	0.42	0.50	0.46	8.74	ppb
Titanium	47-1	0.71	0.86	0.68	0.75	12.67	ppb
Uranium	238-1	3.15	3.37	3.28	3.26	3.29	ppb
Vanadium	51-2	2.56	2.40	2.67	2.54	5.23	ppb
Yttrium	89-1				114		%
Yttrium	89-2				116		%

LB Number :	LB98267	Operator :	Jaswal
Lab Sample ID :	J5082-41	Instrumnet Name :	P7
Client Sample ID :	380914008	Dilution Factor :	1
Date & Time Acquired ::	2018-10-01 12:34:25	DataFile Name :	039SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zinc	66-2	271.00	260.72	279.58	270.43	3.49	ppb
Zirconium	90-1	0.00	0.01	0.00	0.00	56.53	ppb
Zirconium	91-1	0.03	0.01	0.00	0.02	83.26	ppb

LB Number :	LB98267	Operator :	Jaswal
Lab Sample ID :	J5082-42	Instrumnet Name :	P7
Client Sample ID :	380914009	Dilution Factor :	1
Date & Time Acquired ::	2018-10-01 12:37:59	DataFile Name :	040SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	14.99	15.40	15.85	15.41	2.80	ppb
Antimony	121-1	0.32	0.33	0.36	0.34	6.75	ppb
Arsenic	75-1	10.80	10.97	12.57	11.45	8.51	ppb
Barium	135-1	150.54	147.60	152.28	150.14	1.57	ppb
Barium	137-1	150.20	150.47	153.41	151.36	1.18	ppb
Beryllium	9-1	0.03	0.03	0.01	0.02	61.45	ppb
Bismuth	209-1				118		%
Bismuth	209-2				107		%
Boron	11-1	146.31	150.04	152.29	149.55	2.02	ppb
Boron	10-1	139.23	145.79	144.82	143.28	2.47	ppb
Cadmium	106-1	-0.15	0.26	-1.90	-0.60		ppb
Cadmium	108-1	0.06	0.03	0.22	0.10	98.99	ppb
Cadmium	111-1	0.00	0.04	-0.14	-0.03		ppb
Calcium	43-1	61001.72	61551.60	61709.28	61420.87	0.60	ppb
Calcium	44-1	62534.50	62955.58	63079.31	62856.46	0.45	ppb
Chromium	52-2	0.33	0.36	0.33	0.34	4.66	ppb
Cobalt	59-2	0.04	0.05	0.05	0.04	11.35	ppb
Copper	63-2	105.48	104.24	101.21	103.64	2.12	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-2						cps
Erbium	164-1						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				125		%
Holmium	165-2				114		%
Indium	115-1				119		%
Indium	115-2				117		%
Iron	56-2	36.80	36.41	36.12	36.44	0.93	ppb
Iron	57-2	182.24	188.11	178.63	182.99	2.62	ppb
Krypton	83-1						cps
Lead	206-1	0.35	0.36	0.40	0.37	7.55	ppb
Lead	207-1	0.32	0.35	0.32	0.33	4.98	ppb
Lead	208-1	0.34	0.35	0.36	0.35	3.61	ppb
Lithium	6-1				119		%
Magnesium	24-2	14460.41	14141.89	13967.96	14190.09	1.76	ppb

LB Number :	LB98267	Operator :	Jaswal
Lab Sample ID :	J5082-42	Instrumnet Name :	P7
Client Sample ID :	380914009	Dilution Factor :	1
Date & Time Acquired ::	2018-10-01 12:37:59	DataFile Name :	040SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	1.84	1.92	1.81	1.86	2.94	ppb
Molybdenum	94-1	0.37	0.37	0.38	0.38	1.45	ppb
Molybdenum	95-1	0.59	0.58	0.55	0.57	3.98	ppb
Molybdenum	96-1	0.56	0.55	0.48	0.53	8.55	ppb
Molybdenum	97-1	0.53	0.62	0.45	0.53	15.52	ppb
Molybdenum	98-1	0.58	0.58	0.68	0.61	9.76	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.81	0.81	0.80	0.81	1.16	ppb
Phosphorus	31-2	462.63	493.03	499.56	485.07	4.06	ppb
Potassium	39-2	1953.67	1938.62	1897.22	1929.83	1.51	ppb
Rhodium	103-1				113		%
Rhodium	103-2				105		%
Scandium	45-1				118		%
Scandium	45-2				116		%
Selenium	77-2	0.54	0.00	1.05	0.53	99.03	ppb
Selenium	78-2	1.00	1.07	0.40	0.82	44.60	ppb
Selenium	82-1	0.63	0.41	0.49	0.51	21.63	ppb
Silicon	28-1	6198.89	6246.13	6259.95	6234.99	0.51	ppb
Silver	109-1	0.10	0.11	0.12	0.11	8.57	ppb
Silver	107-1	0.11	0.12	0.10	0.11	11.37	ppb
Sodium	23-2	51508.85	50634.92	49552.88	50565.55	1.94	ppb
Strontium	86-1	800.71	809.54	824.25	811.50	1.47	ppb
Strontium	88-1	825.35	829.72	840.38	831.82	0.93	ppb
Sulfur	34-1	17494.60	17830.05	18009.72	17778.12	1.47	ppb
Terbium	159-1				123		%
Terbium	159-2				114		%
Thallium	203-1	0.01	0.01	0.01	0.01	24.00	ppb
Thallium	205-1	0.01	0.02	0.01	0.01	46.09	ppb
Thorium	232-1	0.00	0.00	0.00	0.00	9.98	ppb
Tin	118-1	0.51	0.53	0.49	0.51	3.89	ppb
Titanium	47-1	0.63	0.64	0.57	0.61	5.56	ppb
Uranium	238-1	3.50	3.52	3.53	3.52	0.46	ppb
Vanadium	51-2	2.45	2.46	2.51	2.48	1.17	ppb
Yttrium	89-1				119		%
Yttrium	89-2				118		%

LB Number :	LB98267	Operator :	Jaswal
Lab Sample ID :	J5082-42	Instrumnet Name :	P7
Client Sample ID :	380914009	Dilution Factor :	1
Date & Time Acquired ::	2018-10-01 12:37:59	DataFile Name :	040SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zinc	66-2	274.32	268.58	265.94	269.61	1.59	ppb
Zirconium	90-1	0.01	0.01	0.00	0.01	48.34	ppb
Zirconium	91-1	0.01	0.05	0.01	0.02	107.34	ppb

LB Number :	LB98267	Operator :	Jaswal
Lab Sample ID :	CCV19	Instrumnet Name :	P7
Client Sample ID :	CCV19	Dilution Factor :	1
Date & Time Acquired ::	2018-10-01 12:41:33	DataFile Name :	041CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	52096.59	50892.47	50726.82	51238.63	1.46	ppb
Antimony	121-1	483.97	494.99	500.63	493.19	1.72	ppb
Arsenic	75-1	487.03	487.68	499.83	491.52	1.47	ppb
Barium	135-1	2628.03	2651.57	2654.71	2644.77	0.55	ppb
Barium	137-1	2615.78	2659.49	2662.49	2645.92	0.99	ppb
Beryllium	9-1	507.04	509.73	518.42	511.73	1.16	ppb
Bismuth	209-1				87		%
Bismuth	209-2				80		%
Boron	11-1	528.65	544.75	561.73	545.04	3.04	ppb
Boron	10-1	516.44	531.82	547.29	531.85	2.90	ppb
Cadmium	106-1	496.25	511.20	504.30	503.92	1.49	ppb
Cadmium	108-1	496.01	487.17	502.47	495.22	1.55	ppb
Cadmium	111-1	488.09	498.54	497.54	494.72	1.17	ppb
Calcium	43-1	238490.92	242064.15	245500.84	242018.64	1.45	ppb
Calcium	44-1	238370.54	241710.64	243061.53	241047.57	1.00	ppb
Chromium	52-2	537.34	536.89	533.38	535.87	0.41	ppb
Cobalt	59-2	507.39	502.77	502.32	504.16	0.56	ppb
Copper	63-2	958.30	951.00	952.23	953.84	0.41	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-2						cps
Erbium	164-1						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				102		%
Holmium	165-2				94		%
Indium	115-1				92		%
Indium	115-2				97		%
Iron	56-2	129487.55	126712.87	125896.99	127365.80	1.48	ppb
Iron	57-2	129112.66	127151.75	125849.62	127371.35	1.29	ppb
Krypton	83-1						cps
Lead	206-1	533.64	540.95	537.94	537.51	0.68	ppb
Lead	207-1	533.40	538.44	534.27	535.37	0.50	ppb
Lead	208-1	532.60	536.71	536.57	535.30	0.44	ppb
Lithium	6-1				95		%
Magnesium	24-2	253167.43	247131.44	246296.76	248865.21	1.51	ppb

LB Number :	LB98267	Operator :	Jaswal
Lab Sample ID :	CCV19	Instrumnet Name :	P7
Client Sample ID :	CCV19	Dilution Factor :	1
Date & Time Acquired ::	2018-10-01 12:41:33	DataFile Name :	041CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	1038.71	1026.55	1026.62	1030.63	0.68	ppb
Molybdenum	94-1	2615.37	2604.42	2641.98	2620.59	0.74	ppb
Molybdenum	95-1	2601.18	2606.28	2642.03	2616.50	0.85	ppb
Molybdenum	96-1	2615.14	2603.67	2653.86	2624.22	1.00	ppb
Molybdenum	97-1	2621.22	2606.63	2651.89	2626.58	0.88	ppb
Molybdenum	98-1	2611.28	2631.96	2660.37	2634.54	0.94	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	510.61	507.32	501.66	506.53	0.89	ppb
Phosphorus	31-2	10140.08	10046.34	9978.36	10054.93	0.81	ppb
Potassium	39-2	124489.63	121875.79	121333.03	122566.15	1.38	ppb
Rhodium	103-1				86		%
Rhodium	103-2				85		%
Scandium	45-1				97		%
Scandium	45-2				104		%
Selenium	77-2	453.26	520.30	460.40	477.99	7.70	ppb
Selenium	78-2	485.36	484.85	493.85	488.02	1.03	ppb
Selenium	82-1	484.21	481.46	490.18	485.28	0.92	ppb
Silicon	28-1	509.01	522.45	530.40	520.62	2.08	ppb
Silver	109-1	506.26	510.56	513.67	510.16	0.73	ppb
Silver	107-1	505.75	513.71	516.64	512.03	1.10	ppb
Sodium	23-2	253846.96	247607.38	247532.78	249662.37	1.45	ppb
Strontium	86-1	518.72	519.17	528.52	522.14	1.06	ppb
Strontium	88-1	519.33	521.03	527.22	522.52	0.79	ppb
Sulfur	34-1	11084.87	11078.72	11126.84	11096.81	0.24	ppb
Terbium	159-1				100		%
Terbium	159-2				94		%
Thallium	203-1	539.02	543.47	542.25	541.58	0.42	ppb
Thallium	205-1	542.48	543.37	546.02	543.96	0.34	ppb
Thorium	232-1	533.89	537.60	539.90	537.13	0.56	ppb
Tin	118-1	517.70	526.04	532.38	525.37	1.40	ppb
Titanium	47-1	2594.79	2630.44	2636.98	2620.74	0.87	ppb
Uranium	238-1	530.87	536.49	539.76	535.71	0.84	ppb
Vanadium	51-2	526.00	521.45	519.59	522.35	0.63	ppb
Yttrium	89-1				97		%
Yttrium	89-2				102		%

LB Number :	LB98267	Operator :	Jaswal
Lab Sample ID :	CCV19	Instrumnet Name :	P7
Client Sample ID :	CCV19	Dilution Factor :	1
Date & Time Acquired ::	2018-10-01 12:41:33	DataFile Name :	041CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zinc	66-2	803.04	800.20	798.10	800.44	0.31	ppb
Zirconium	90-1	523.57	529.62	528.18	527.12	0.60	ppb
Zirconium	91-1	507.23	513.84	517.69	512.92	1.03	ppb

LB Number :	LB98267	Operator :	Jaswal
Lab Sample ID :	CCB19	Instrumnet Name :	P7
Client Sample ID :	CCB19	Dilution Factor :	1
Date & Time Acquired ::	2018-10-01 12:45:13	DataFile Name :	042CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	1.37	7.35	1.31	3.34	103.78	ppb
Antimony	121-1	0.23	0.22	0.23	0.22	2.95	ppb
Arsenic	75-1	0.56	0.58	0.30	0.48	31.76	ppb
Barium	135-1	0.27	0.26	0.25	0.26	4.39	ppb
Barium	137-1	0.21	0.19	0.23	0.21	8.06	ppb
Beryllium	9-1	0.11	0.08	0.10	0.10	12.95	ppb
Bismuth	209-1				106		%
Bismuth	209-2				98		%
Boron	11-1	37.01	36.04	34.08	35.71	4.17	ppb
Boron	10-1	35.08	35.86	32.84	34.59	4.54	ppb
Cadmium	106-1	-0.44	-1.70	0.02	-0.71		ppb
Cadmium	108-1	0.08	-0.03	0.01	0.02	281.82	ppb
Cadmium	111-1	0.08	-0.02	0.13	0.06	125.34	ppb
Calcium	43-1	23.88	22.38	26.88	24.38	9.41	ppb
Calcium	44-1	25.09	27.09	24.14	25.44	5.93	ppb
Chromium	52-2	0.03	0.05	0.03	0.04	33.74	ppb
Cobalt	59-2	0.02	0.03	0.01	0.02	40.04	ppb
Copper	63-2	0.22	0.20	0.13	0.18	25.36	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-2						cps
Erbium	164-1						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				108		%
Holmium	165-2				100		%
Indium	115-1				107		%
Indium	115-2				106		%
Iron	56-2	6.56	8.91	3.76	6.41	40.25	ppb
Iron	57-2	6.82	8.65	5.51	6.99	22.57	ppb
Krypton	83-1						cps
Lead	206-1	0.06	0.06	0.07	0.06	6.81	ppb
Lead	207-1	0.06	0.06	0.06	0.06	2.86	ppb
Lead	208-1	0.06	0.07	0.06	0.06	8.26	ppb
Lithium	6-1				108		%
Magnesium	24-2	13.37	21.34	7.46	14.06	49.53	ppb

LB Number :	LB98267	Operator :	Jaswal
Lab Sample ID :	CCB19	Instrumnet Name :	P7
Client Sample ID :	CCB19	Dilution Factor :	1
Date & Time Acquired ::	2018-10-01 12:45:13	DataFile Name :	042CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	0.05	0.10	0.04	0.06	48.58	ppb
Molybdenum	94-1	0.41	0.44	0.44	0.43	4.13	ppb
Molybdenum	95-1	0.49	0.47	0.45	0.47	3.43	ppb
Molybdenum	96-1	0.55	0.50	0.50	0.52	6.11	ppb
Molybdenum	97-1	0.39	0.49	0.45	0.44	11.50	ppb
Molybdenum	98-1	0.56	0.48	0.49	0.51	8.83	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.02	0.01	0.01	0.01	84.71	ppb
Phosphorus	31-2	-3.50	1.62	-9.23	-3.70		ppb
Potassium	39-2	10.21	16.22	10.44	12.29	27.71	ppb
Rhodium	103-1				105		%
Rhodium	103-2				98		%
Scandium	45-1				107		%
Scandium	45-2				107		%
Selenium	77-2	0.00	0.00	0.59	0.20	173.21	ppb
Selenium	78-2	-0.08	-0.54	0.24	-0.12		ppb
Selenium	82-1	-0.52	-0.17	-0.22	-0.30		ppb
Silicon	28-1	0.81	-0.34	-1.08	-0.20		ppb
Silver	109-1	0.09	0.09	0.10	0.09	3.50	ppb
Silver	107-1	0.11	0.12	0.10	0.11	6.23	ppb
Sodium	23-2	34.75	44.72	27.99	35.82	23.49	ppb
Strontium	86-1	0.11	0.07	0.09	0.09	22.03	ppb
Strontium	88-1	0.10	0.10	0.10	0.10	2.03	ppb
Sulfur	34-1	-193.53	-203.05	-215.28	-203.96		ppb
Terbium	159-1				108		%
Terbium	159-2				101		%
Thallium	203-1	0.14	0.13	0.11	0.13	8.82	ppb
Thallium	205-1	0.16	0.14	0.13	0.14	10.17	ppb
Thorium	232-1	0.18	0.17	0.16	0.17	6.45	ppb
Tin	118-1	0.12	0.17	0.13	0.14	21.28	ppb
Titanium	47-1	0.22	0.27	0.14	0.21	31.88	ppb
Uranium	238-1	0.04	0.04	0.05	0.04	16.41	ppb
Vanadium	51-2	0.03	0.06	0.02	0.04	54.28	ppb
Yttrium	89-1				107		%
Yttrium	89-2				107		%

LB Number :	LB98267	Operator :	Jaswal
Lab Sample ID :	CCB19	Instrumnet Name :	P7
Client Sample ID :	CCB19	Dilution Factor :	1
Date & Time Acquired ::	2018-10-01 12:45:13	DataFile Name :	042CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zinc	66-2	-0.02	0.04	-0.11	-0.03		ppb
Zirconium	90-1	0.06	0.08	0.07	0.07	14.18	ppb
Zirconium	91-1	0.08	0.10	0.07	0.08	15.50	ppb

LB Number :	LB98267	Operator :	Jaswal
Lab Sample ID :	J5082-43	Instrumnet Name :	P7
Client Sample ID :	380914011	Dilution Factor :	1
Date & Time Acquired ::	2018-10-01 12:48:46	DataFile Name :	043SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	24.79	23.53	26.05	24.79	5.10	ppb
Antimony	121-1	0.66	0.72	0.66	0.68	5.18	ppb
Arsenic	75-1	3.67	3.75	4.08	3.83	5.69	ppb
Barium	135-1	0.22	0.20	0.21	0.21	6.36	ppb
Barium	137-1	0.24	0.23	0.17	0.22	17.60	ppb
Beryllium	9-1	0.03	0.02	0.02	0.02	23.43	ppb
Bismuth	209-1				119		%
Bismuth	209-2				106		%
Boron	11-1	20.30	20.48	19.80	20.19	1.75	ppb
Boron	10-1	18.45	17.96	19.34	18.58	3.77	ppb
Cadmium	106-1	1.45	-0.41	-0.35	0.23	454.51	ppb
Cadmium	108-1	-0.03	0.03	0.10	0.03	201.62	ppb
Cadmium	111-1	0.17	-0.01	0.01	0.06	173.10	ppb
Calcium	43-1	59.11	66.02	60.04	61.73	6.07	ppb
Calcium	44-1	69.86	66.39	68.81	68.35	2.60	ppb
Chromium	52-2	0.19	0.16	0.19	0.18	11.29	ppb
Cobalt	59-2	0.03	0.02	0.02	0.02	20.07	ppb
Copper	63-2	0.42	0.44	0.41	0.42	2.78	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-2						cps
Erbium	164-1						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				122		%
Holmium	165-2				110		%
Indium	115-1				120		%
Indium	115-2				115		%
Iron	56-2	4.52	4.71	4.81	4.68	3.19	ppb
Iron	57-2	5.32	4.44	3.57	4.44	19.73	ppb
Krypton	83-1						cps
Lead	206-1	0.15	0.15	0.16	0.15	6.04	ppb
Lead	207-1	0.16	0.14	0.15	0.15	6.13	ppb
Lead	208-1	0.16	0.15	0.16	0.16	3.65	ppb
Lithium	6-1				122		%
Magnesium	24-2	17.22	15.75	16.92	16.63	4.66	ppb

LB Number :	LB98267	Operator :	Jaswal
Lab Sample ID :	J5082-43	Instrumnet Name :	P7
Client Sample ID :	380914011	Dilution Factor :	1
Date & Time Acquired ::	2018-10-01 12:48:46	DataFile Name :	043SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	0.54	0.52	0.49	0.52	4.86	ppb
Molybdenum	94-1	0.07	0.08	0.09	0.08	14.42	ppb
Molybdenum	95-1	0.09	0.06	0.07	0.08	23.51	ppb
Molybdenum	96-1	0.09	0.06	0.09	0.08	18.74	ppb
Molybdenum	97-1	0.07	0.08	0.08	0.08	6.03	ppb
Molybdenum	98-1	0.08	0.07	0.08	0.08	4.11	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.16	0.13	0.12	0.13	14.95	ppb
Phosphorus	31-2	20.64	6.98	14.05	13.89	49.16	ppb
Potassium	39-2	7.97	8.62	12.02	9.54	22.79	ppb
Rhodium	103-1				117		%
Rhodium	103-2				106		%
Scandium	45-1				119		%
Scandium	45-2				114		%
Selenium	77-2	0.00	0.55	0.55	0.37	86.61	ppb
Selenium	78-2	0.21	0.03	-0.14	0.03	559.37	ppb
Selenium	82-1	-0.26	0.13	0.02	-0.03		ppb
Silicon	28-1	-10.93	-10.95	-10.83	-10.90		ppb
Silver	109-1	0.11	0.10	0.11	0.11	6.64	ppb
Silver	107-1	0.08	0.10	0.11	0.10	15.68	ppb
Sodium	23-2	61.82	61.28	66.41	63.17	4.46	ppb
Strontium	86-1	0.44	0.45	0.38	0.42	7.94	ppb
Strontium	88-1	0.46	0.42	0.46	0.45	5.57	ppb
Sulfur	34-1	-688.15	-719.58	-685.16	-697.63		ppb
Terbium	159-1				121		%
Terbium	159-2				110		%
Thallium	203-1	0.15	0.14	0.12	0.14	9.35	ppb
Thallium	205-1	0.15	0.15	0.13	0.14	8.41	ppb
Thorium	232-1	0.03	0.02	0.03	0.03	6.27	ppb
Tin	118-1	0.48	0.52	0.55	0.52	6.53	ppb
Titanium	47-1	0.15	0.19	0.06	0.13	47.58	ppb
Uranium	238-1	0.00	0.00	0.01	0.00	25.03	ppb
Vanadium	51-2	0.05	0.04	0.05	0.05	11.01	ppb
Yttrium	89-1				119		%
Yttrium	89-2				115		%

LB Number :	LB98267	Operator :	Jaswal
Lab Sample ID :	J5082-43	Instrumnet Name :	P7
Client Sample ID :	380914011	Dilution Factor :	1
Date & Time Acquired ::	2018-10-01 12:48:46	DataFile Name :	043SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zinc	66-2	4.14	4.39	4.46	4.33	3.87	ppb
Zirconium	90-1	0.01	0.02	0.02	0.02	34.29	ppb
Zirconium	91-1	0.00	0.01	0.02	0.01	67.36	ppb

LB Number :	LB98267	Operator :	Jaswal
Lab Sample ID :	J5082-44	Instrumnet Name :	P7
Client Sample ID :	380914012	Dilution Factor :	1
Date & Time Acquired ::	2018-10-01 12:52:20	DataFile Name :	044SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	21.55	20.02	16.59	19.39	13.11	ppb
Antimony	121-1	0.50	0.46	0.48	0.48	4.74	ppb
Arsenic	75-1	6.01	6.37	7.31	6.57	10.23	ppb
Barium	135-1	35.42	36.34	35.30	35.69	1.58	ppb
Barium	137-1	36.03	36.12	35.53	35.89	0.88	ppb
Beryllium	9-1	0.04	0.02	0.02	0.03	39.64	ppb
Bismuth	209-1				114		%
Bismuth	209-2				102		%
Boron	11-1	91.38	93.54	96.37	93.76	2.67	ppb
Boron	10-1	87.71	91.37	92.34	90.47	2.69	ppb
Cadmium	106-1	-0.34	-0.86	0.73	-0.16		ppb
Cadmium	108-1	0.03	0.03	0.26	0.11	122.78	ppb
Cadmium	111-1	0.00	-0.02	0.07	0.02	318.82	ppb
Calcium	43-1	66940.34	67027.32	66561.98	66843.22	0.37	ppb
Calcium	44-1	68900.66	68582.23	68701.59	68728.16	0.23	ppb
Chromium	52-2	0.27	0.34	0.33	0.31	12.45	ppb
Cobalt	59-2	0.19	0.18	0.17	0.18	4.88	ppb
Copper	63-2	418.22	414.19	417.00	416.47	0.50	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-2						cps
Erbium	164-1						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				123		%
Holmium	165-2				110		%
Indium	115-1				117		%
Indium	115-2				114		%
Iron	56-2	5.85	5.86	5.74	5.82	1.13	ppb
Iron	57-2	177.73	184.80	172.65	178.40	3.42	ppb
Krypton	83-1						cps
Lead	206-1	4.48	4.62	4.61	4.57	1.75	ppb
Lead	207-1	4.16	4.17	4.08	4.14	1.11	ppb
Lead	208-1	4.29	4.41	4.30	4.34	1.46	ppb
Lithium	6-1				120		%
Magnesium	24-2	27130.64	27000.82	26938.09	27023.18	0.36	ppb

LB Number :	LB98267	Operator :	Jaswal
Lab Sample ID :	J5082-44	Instrumnet Name :	P7
Client Sample ID :	380914012	Dilution Factor :	1
Date & Time Acquired ::	2018-10-01 12:52:20	DataFile Name :	044SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	2.07	1.94	2.03	2.01	3.35	ppb
Molybdenum	94-1	0.57	0.62	0.63	0.61	5.87	ppb
Molybdenum	95-1	0.74	0.79	0.79	0.77	3.43	ppb
Molybdenum	96-1	0.79	0.80	0.80	0.80	0.51	ppb
Molybdenum	97-1	0.71	0.79	0.69	0.73	7.03	ppb
Molybdenum	98-1	0.74	0.82	0.83	0.80	5.76	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	3.64	3.48	3.47	3.53	2.68	ppb
Phosphorus	31-2	318.88	257.63	325.83	300.78	12.48	ppb
Potassium	39-2	1795.02	1773.09	1774.36	1780.82	0.69	ppb
Rhodium	103-1				112		%
Rhodium	103-2				101		%
Scandium	45-1				117		%
Scandium	45-2				113		%
Selenium	77-2	0.00	0.55	0.55	0.36	86.60	ppb
Selenium	78-2	0.77	0.75	-0.07	0.48	98.62	ppb
Selenium	82-1	0.25	0.57	0.23	0.35	53.99	ppb
Silicon	28-1	6400.23	6415.38	6384.73	6400.11	0.24	ppb
Silver	109-1	0.11	0.11	0.12	0.11	6.91	ppb
Silver	107-1	0.12	0.14	0.11	0.12	14.10	ppb
Sodium	23-2	49477.67	49178.38	48917.91	49191.32	0.57	ppb
Strontium	86-1	280.26	279.22	279.23	279.57	0.21	ppb
Strontium	88-1	281.39	281.20	280.18	280.92	0.23	ppb
Sulfur	34-1	16955.31	17004.73	16834.64	16931.56	0.52	ppb
Terbium	159-1				121		%
Terbium	159-2				110		%
Thallium	203-1	0.03	0.04	0.03	0.03	11.59	ppb
Thallium	205-1	0.03	0.04	0.04	0.04	11.34	ppb
Thorium	232-1	0.01	0.02	0.02	0.02	20.89	ppb
Tin	118-1	0.45	0.48	0.54	0.49	8.67	ppb
Titanium	47-1	0.60	0.75	0.57	0.64	15.40	ppb
Uranium	238-1	1.73	1.72	1.73	1.73	0.24	ppb
Vanadium	51-2	1.02	0.98	1.02	1.01	2.53	ppb
Yttrium	89-1				118		%
Yttrium	89-2				115		%

LB Number :	LB98267	Operator :	Jaswal
Lab Sample ID :	J5082-44	Instrumnet Name :	P7
Client Sample ID :	380914012	Dilution Factor :	1
Date & Time Acquired ::	2018-10-01 12:52:20	DataFile Name :	044SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zinc	66-2	121.98	119.34	120.14	120.49	1.12	ppb
Zirconium	90-1	0.08	0.07	0.07	0.07	10.89	ppb
Zirconium	91-1	0.07	0.09	0.05	0.07	30.51	ppb

LB Number :	LB98267	Operator :	Jaswal
Lab Sample ID :	J5082-45	Instrumnet Name :	P7
Client Sample ID :	380914013	Dilution Factor :	1
Date & Time Acquired ::	2018-10-01 12:55:55	DataFile Name :	045SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	20.22	20.07	21.21	20.50	3.00	ppb
Antimony	121-1	0.29	0.33	0.36	0.33	10.20	ppb
Arsenic	75-1	8.35	9.31	9.14	8.93	5.70	ppb
Barium	135-1	38.69	38.17	38.02	38.29	0.92	ppb
Barium	137-1	39.65	39.26	38.90	39.27	0.96	ppb
Beryllium	9-1	0.03	0.04	0.03	0.03	12.50	ppb
Bismuth	209-1				113		%
Bismuth	209-2				100		%
Boron	11-1	95.25	98.33	100.34	97.97	2.62	ppb
Boron	10-1	93.96	92.72	99.98	95.56	4.06	ppb
Cadmium	106-1	-0.94	0.86	0.00	-0.03		ppb
Cadmium	108-1	0.13	0.13	0.10	0.12	14.84	ppb
Cadmium	111-1	-0.02	0.08	0.02	0.03	182.06	ppb
Calcium	43-1	71949.59	71878.47	70687.06	71505.04	0.99	ppb
Calcium	44-1	74124.15	73722.71	73008.76	73618.54	0.77	ppb
Chromium	52-2	0.32	0.38	0.31	0.34	11.72	ppb
Cobalt	59-2	0.09	0.08	0.07	0.08	11.80	ppb
Copper	63-2	459.37	462.76	460.93	461.02	0.37	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-2						cps
Erbium	164-1						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				122		%
Holmium	165-2				107		%
Indium	115-1				115		%
Indium	115-2				110		%
Iron	56-2	9.89	10.31	9.98	10.06	2.20	ppb
Iron	57-2	181.28	202.49	188.56	190.78	5.65	ppb
Krypton	83-1						cps
Lead	206-1	0.87	0.84	0.80	0.83	4.16	ppb
Lead	207-1	0.73	0.76	0.69	0.73	4.51	ppb
Lead	208-1	0.78	0.80	0.75	0.78	3.02	ppb
Lithium	6-1				117		%
Magnesium	24-2	27924.54	27976.82	27752.85	27884.74	0.42	ppb

LB Number :	LB98267	Operator :	Jaswal
Lab Sample ID :	J5082-45	Instrumnet Name :	P7
Client Sample ID :	380914013	Dilution Factor :	1
Date & Time Acquired ::	2018-10-01 12:55:55	DataFile Name :	045SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	0.84	0.91	0.91	0.89	4.54	ppb
Molybdenum	94-1	0.66	0.58	0.56	0.60	8.78	ppb
Molybdenum	95-1	0.71	0.84	0.84	0.80	9.73	ppb
Molybdenum	96-1	0.75	0.77	0.74	0.75	2.41	ppb
Molybdenum	97-1	0.77	0.83	0.82	0.81	4.33	ppb
Molybdenum	98-1	0.77	0.92	0.80	0.83	9.18	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	1.63	1.63	1.65	1.64	0.62	ppb
Phosphorus	31-2	323.48	369.45	334.33	342.42	7.02	ppb
Potassium	39-2	1753.93	1806.58	1776.05	1778.85	1.49	ppb
Rhodium	103-1				109		%
Rhodium	103-2				98		%
Scandium	45-1				114		%
Scandium	45-2				110		%
Selenium	77-2	0.00	0.00	1.14	0.38	173.21	ppb
Selenium	78-2	-0.29	0.08	0.18	-0.01		ppb
Selenium	82-1	0.53	0.39	0.12	0.35	59.33	ppb
Silicon	28-1	6825.12	6803.72	6758.51	6795.78	0.50	ppb
Silver	109-1	0.12	0.12	0.14	0.13	10.60	ppb
Silver	107-1	0.11	0.12	0.12	0.12	5.40	ppb
Sodium	23-2	48850.69	49046.13	48783.53	48893.45	0.28	ppb
Strontium	86-1	294.06	297.51	294.04	295.20	0.68	ppb
Strontium	88-1	297.32	298.15	295.38	296.95	0.48	ppb
Sulfur	34-1	16521.56	16579.80	16429.07	16510.14	0.46	ppb
Terbium	159-1				119		%
Terbium	159-2				107		%
Thallium	203-1	0.02	0.02	0.03	0.02	15.87	ppb
Thallium	205-1	0.02	0.02	0.02	0.02	6.21	ppb
Thorium	232-1	0.01	0.01	0.01	0.01	13.72	ppb
Tin	118-1	0.66	0.62	0.63	0.64	3.06	ppb
Titanium	47-1	0.62	0.66	0.67	0.65	4.49	ppb
Uranium	238-1	1.89	1.82	1.78	1.83	3.12	ppb
Vanadium	51-2	1.12	1.11	1.07	1.10	2.39	ppb
Yttrium	89-1				115		%
Yttrium	89-2				111		%

LB Number :	LB98267	Operator :	Jaswal
Lab Sample ID :	J5082-45	Instrumnet Name :	P7
Client Sample ID :	380914013	Dilution Factor :	1
Date & Time Acquired ::	2018-10-01 12:55:55	DataFile Name :	045SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zinc	66-2	111.60	115.18	111.44	112.74	1.87	ppb
Zirconium	90-1	0.02	0.02	0.02	0.02	14.65	ppb
Zirconium	91-1	0.05	0.02	0.01	0.03	68.03	ppb

LB Number :	LB98267	Operator :	Jaswal
Lab Sample ID :	J5082-46	Instrumnet Name :	P7
Client Sample ID :	380914019	Dilution Factor :	1
Date & Time Acquired ::	2018-10-01 12:59:29	DataFile Name :	046SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	13.48	15.13	10.85	13.15	16.41	ppb
Antimony	121-1	0.26	0.34	0.30	0.30	11.70	ppb
Arsenic	75-1	9.92	10.22	11.03	10.39	5.54	ppb
Barium	135-1	40.65	40.65	39.63	40.31	1.47	ppb
Barium	137-1	40.65	40.76	40.02	40.47	0.99	ppb
Beryllium	9-1	0.02	0.02	0.02	0.02	8.48	ppb
Bismuth	209-1				115		%
Bismuth	209-2				101		%
Boron	11-1	97.59	100.73	103.15	100.49	2.78	ppb
Boron	10-1	92.18	97.70	99.01	96.30	3.76	ppb
Cadmium	106-1	-0.34	-0.68	-1.00	-0.67		ppb
Cadmium	108-1	-0.03	0.10	0.06	0.04	157.26	ppb
Cadmium	111-1	0.01	-0.04	-0.05	-0.03		ppb
Calcium	43-1	69928.75	70435.03	70578.86	70314.21	0.49	ppb
Calcium	44-1	72394.91	71962.88	72443.19	72266.99	0.37	ppb
Chromium	52-2	0.18	0.20	0.22	0.20	9.33	ppb
Cobalt	59-2	0.23	0.24	0.23	0.23	1.83	ppb
Copper	63-2	655.41	656.10	663.78	658.43	0.71	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-2						cps
Erbium	164-1						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				123		%
Holmium	165-2				109		%
Indium	115-1				116		%
Indium	115-2				112		%
Iron	56-2	121.02	121.89	121.53	121.48	0.36	ppb
Iron	57-2	303.48	286.01	305.52	298.34	3.59	ppb
Krypton	83-1						cps
Lead	206-1	1.25	1.31	1.30	1.29	2.53	ppb
Lead	207-1	1.12	1.22	1.12	1.15	5.25	ppb
Lead	208-1	1.19	1.25	1.20	1.21	2.58	ppb
Lithium	6-1				117		%
Magnesium	24-2	27649.78	27636.32	27893.82	27726.64	0.52	ppb

LB Number :	LB98267	Operator :	Jaswal
Lab Sample ID :	J5082-46	Instrumnet Name :	P7
Client Sample ID :	380914019	Dilution Factor :	1
Date & Time Acquired ::	2018-10-01 12:59:29	DataFile Name :	046SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	11.91	11.78	11.89	11.86	0.57	ppb
Molybdenum	94-1	0.61	0.49	0.64	0.58	13.23	ppb
Molybdenum	95-1	0.84	0.87	0.87	0.86	2.15	ppb
Molybdenum	96-1	0.81	0.77	0.71	0.76	6.28	ppb
Molybdenum	97-1	0.71	0.80	0.81	0.77	7.05	ppb
Molybdenum	98-1	0.81	0.84	0.79	0.81	3.20	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	3.09	3.24	2.97	3.10	4.25	ppb
Phosphorus	31-2	301.95	364.47	285.67	317.36	13.11	ppb
Potassium	39-2	1811.30	1814.23	1824.32	1816.61	0.38	ppb
Rhodium	103-1				110		%
Rhodium	103-2				100		%
Scandium	45-1				115		%
Scandium	45-2				111		%
Selenium	77-2	0.56	0.56	0.56	0.56	0.60	ppb
Selenium	78-2	0.15	-0.22	0.61	0.18	228.77	ppb
Selenium	82-1	0.11	0.14	0.09	0.11	22.57	ppb
Silicon	28-1	6248.84	6257.55	6309.44	6271.95	0.52	ppb
Silver	109-1	0.09	0.08	0.09	0.09	7.41	ppb
Silver	107-1	0.07	0.09	0.09	0.08	17.68	ppb
Sodium	23-2	48589.48	48188.01	48467.77	48415.08	0.43	ppb
Strontium	86-1	302.94	301.14	300.29	301.46	0.45	ppb
Strontium	88-1	301.27	302.54	300.65	301.49	0.32	ppb
Sulfur	34-1	16773.19	17167.27	17380.25	17106.90	1.80	ppb
Terbium	159-1				121		%
Terbium	159-2				109		%
Thallium	203-1	0.01	0.01	0.01	0.01	4.01	ppb
Thallium	205-1	0.02	0.02	0.01	0.02	21.64	ppb
Thorium	232-1	0.01	0.01	0.01	0.01	7.40	ppb
Tin	118-1	0.80	0.76	0.82	0.79	4.22	ppb
Titanium	47-1	0.53	0.54	0.63	0.57	9.85	ppb
Uranium	238-1	1.86	1.87	1.89	1.87	0.80	ppb
Vanadium	51-2	0.83	0.77	0.77	0.79	4.19	ppb
Yttrium	89-1				116		%
Yttrium	89-2				113		%

LB Number :	LB98267	Operator :	Jaswal
Lab Sample ID :	J5082-46	Instrumnet Name :	P7
Client Sample ID :	380914019	Dilution Factor :	1
Date & Time Acquired ::	2018-10-01 12:59:29	DataFile Name :	046SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zinc	66-2	20.26	19.80	20.19	20.09	1.23	ppb
Zirconium	90-1	0.01	0.02	0.02	0.02	53.44	ppb
Zirconium	91-1	0.02	0.04	0.01	0.02	55.38	ppb

LB Number :	LB98267	Operator :	Jaswal
Lab Sample ID :	J5082-47	Instrumnet Name :	P7
Client Sample ID :	380914020	Dilution Factor :	1
Date & Time Acquired ::	2018-10-01 13:03:04	DataFile Name :	047SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	15.61	17.60	17.05	16.75	6.13	ppb
Antimony	121-1	0.35	0.35	0.37	0.36	2.74	ppb
Arsenic	75-1	10.28	11.69	11.56	11.18	7.00	ppb
Barium	135-1	39.80	39.51	39.81	39.71	0.44	ppb
Barium	137-1	40.69	40.11	39.99	40.26	0.93	ppb
Beryllium	9-1	0.03	0.02	0.02	0.02	31.21	ppb
Bismuth	209-1				114		%
Bismuth	209-2				101		%
Boron	11-1	95.42	98.64	100.87	98.31	2.79	ppb
Boron	10-1	89.44	95.89	95.45	93.59	3.85	ppb
Cadmium	106-1	-0.53	-0.70	-0.73	-0.65		ppb
Cadmium	108-1	1.03	0.42	0.75	0.73	41.55	ppb
Cadmium	111-1	0.31	0.33	0.34	0.33	4.59	ppb
Calcium	43-1	69082.78	69126.44	68819.37	69009.53	0.24	ppb
Calcium	44-1	70552.98	70637.70	70742.73	70644.47	0.13	ppb
Chromium	52-2	0.32	0.39	0.29	0.34	16.09	ppb
Cobalt	59-2	0.18	0.18	0.18	0.18	1.29	ppb
Copper	63-2	279.30	286.30	285.25	283.62	1.33	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-2						cps
Erbium	164-1						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				122		%
Holmium	165-2				108		%
Indium	115-1				115		%
Indium	115-2				112		%
Iron	56-2	15.94	15.52	15.51	15.66	1.56	ppb
Iron	57-2	185.10	188.65	190.98	188.24	1.57	ppb
Krypton	83-1						cps
Lead	206-1	15.06	14.96	15.23	15.08	0.92	ppb
Lead	207-1	14.13	13.86	14.26	14.08	1.43	ppb
Lead	208-1	14.57	14.45	14.60	14.54	0.51	ppb
Lithium	6-1				116		%
Magnesium	24-2	27207.54	27602.48	27392.69	27400.90	0.72	ppb

LB Number :	LB98267	Operator :	Jaswal
Lab Sample ID :	J5082-47	Instrumnet Name :	P7
Client Sample ID :	380914020	Dilution Factor :	1
Date & Time Acquired ::	2018-10-01 13:03:04	DataFile Name :	047SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	2.30	2.32	2.42	2.35	2.58	ppb
Molybdenum	94-1	0.53	0.53	0.56	0.54	2.81	ppb
Molybdenum	95-1	0.75	0.77	0.78	0.77	2.17	ppb
Molybdenum	96-1	0.73	0.65	0.71	0.70	5.48	ppb
Molybdenum	97-1	0.77	0.75	0.81	0.78	3.80	ppb
Molybdenum	98-1	0.72	0.82	0.77	0.77	6.44	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	26.20	26.84	26.25	26.43	1.35	ppb
Phosphorus	31-2	351.45	277.85	298.14	309.15	12.30	ppb
Potassium	39-2	1830.76	1844.35	1827.69	1834.27	0.48	ppb
Rhodium	103-1				110		%
Rhodium	103-2				99		%
Scandium	45-1				115		%
Scandium	45-2				110		%
Selenium	77-2	0.55	1.13	0.56	0.75	44.04	ppb
Selenium	78-2	-0.05	-0.31	0.63	0.09	535.54	ppb
Selenium	82-1	0.41	0.66	0.96	0.68	40.32	ppb
Silicon	28-1	6398.27	6400.56	6371.90	6390.24	0.25	ppb
Silver	109-1	0.09	0.09	0.09	0.09	2.81	ppb
Silver	107-1	0.09	0.09	0.11	0.10	13.13	ppb
Sodium	23-2	47664.81	48612.46	47921.90	48066.39	1.02	ppb
Strontium	86-1	292.36	293.09	295.64	293.70	0.59	ppb
Strontium	88-1	295.80	292.09	296.03	294.64	0.75	ppb
Sulfur	34-1	16902.92	16931.51	17109.39	16981.27	0.66	ppb
Terbium	159-1				120		%
Terbium	159-2				108		%
Thallium	203-1	0.02	0.02	0.02	0.02	21.58	ppb
Thallium	205-1	0.01	0.02	0.02	0.02	27.03	ppb
Thorium	232-1	0.01	0.01	0.01	0.01	24.29	ppb
Tin	118-1	0.91	0.88	0.93	0.91	3.16	ppb
Titanium	47-1	0.45	0.50	0.66	0.54	21.07	ppb
Uranium	238-1	1.78	1.75	1.79	1.77	1.30	ppb
Vanadium	51-2	1.02	1.02	1.14	1.06	6.57	ppb
Yttrium	89-1				116		%
Yttrium	89-2				113		%

LB Number :	LB98267	Operator :	Jaswal
Lab Sample ID :	J5082-47	Instrumnet Name :	P7
Client Sample ID :	380914020	Dilution Factor :	1
Date & Time Acquired ::	2018-10-01 13:03:04	DataFile Name :	047SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zinc	66-2	1096.22	1121.99	1108.53	1108.91	1.16	ppb
Zirconium	90-1	0.02	0.02	0.02	0.02	18.67	ppb
Zirconium	91-1	0.02	0.03	0.04	0.03	34.10	ppb

LB Number :	LB98267	Operator :	Jaswal
Lab Sample ID :	J5082-48	Instrumnet Name :	P7
Client Sample ID :	380917068-1	Dilution Factor :	1
Date & Time Acquired ::	2018-10-01 13:06:39	DataFile Name :	048SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	33.20	32.66	34.31	33.39	2.53	ppb
Antimony	121-1	0.38	0.40	0.38	0.38	3.24	ppb
Arsenic	75-1	12.47	12.56	12.36	12.46	0.81	ppb
Barium	135-1	0.66	0.48	0.54	0.56	15.55	ppb
Barium	137-1	0.66	0.58	0.61	0.62	6.37	ppb
Beryllium	9-1	0.05	0.03	0.02	0.03	37.62	ppb
Bismuth	209-1				114		%
Bismuth	209-2				101		%
Boron	11-1	37.32	37.15	37.88	37.45	1.03	ppb
Boron	10-1	34.72	36.54	35.78	35.68	2.57	ppb
Cadmium	106-1	0.59	-0.29	0.86	0.39	155.28	ppb
Cadmium	108-1	0.00	0.10	-0.06	0.01	627.08	ppb
Cadmium	111-1	0.07	-0.01	0.09	0.05	109.33	ppb
Calcium	43-1	305.33	295.80	298.71	299.95	1.63	ppb
Calcium	44-1	311.47	311.34	311.55	311.45	0.03	ppb
Chromium	52-2	1.32	1.27	1.28	1.29	2.14	ppb
Cobalt	59-2	0.27	0.27	0.25	0.26	5.10	ppb
Copper	63-2	151.79	151.67	152.48	151.98	0.29	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-2						cps
Erbium	164-1						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				118		%
Holmium	165-2				105		%
Indium	115-1				112		%
Indium	115-2				108		%
Iron	56-2	20.06	20.42	20.43	20.31	1.03	ppb
Iron	57-2	21.05	23.43	17.89	20.79	13.37	ppb
Krypton	83-1						cps
Lead	206-1	1.91	1.88	1.88	1.89	0.88	ppb
Lead	207-1	1.69	1.77	1.69	1.71	2.75	ppb
Lead	208-1	1.77	1.79	1.76	1.77	0.67	ppb
Lithium	6-1				112		%
Magnesium	24-2	372.59	368.39	379.24	373.41	1.46	ppb

LB Number :	LB98267	Operator :	Jaswal
Lab Sample ID :	J5082-48	Instrumnet Name :	P7
Client Sample ID :	380917068-1	Dilution Factor :	1
Date & Time Acquired ::	2018-10-01 13:06:39	DataFile Name :	048SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	2.09	2.01	1.95	2.02	3.49	ppb
Molybdenum	94-1	0.06	0.10	0.07	0.08	26.46	ppb
Molybdenum	95-1	0.03	0.04	0.03	0.03	22.97	ppb
Molybdenum	96-1	0.04	0.02	0.07	0.04	64.02	ppb
Molybdenum	97-1	0.05	0.03	0.02	0.04	37.23	ppb
Molybdenum	98-1	0.03	0.06	0.04	0.04	38.61	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	2.00	1.97	1.87	1.95	3.53	ppb
Phosphorus	31-2	114.06	132.47	109.37	118.63	10.29	ppb
Potassium	39-2	4536.57	4478.16	4517.71	4510.81	0.66	ppb
Rhodium	103-1				109		%
Rhodium	103-2				99		%
Scandium	45-1				110		%
Scandium	45-2				105		%
Selenium	77-2	1.18	0.00	0.59	0.59	100.26	ppb
Selenium	78-2	-0.35	-0.36	0.43	-0.10		ppb
Selenium	82-1	-0.11	-0.03	-0.60	-0.25		ppb
Silicon	28-1	1057.30	1064.04	1061.95	1061.10	0.33	ppb
Silver	109-1	0.06	0.08	0.06	0.07	13.25	ppb
Silver	107-1	0.06	0.07	0.07	0.07	4.86	ppb
Sodium	23-2	38075.33	37786.24	38098.97	37986.85	0.46	ppb
Strontium	86-1	1.18	0.91	1.01	1.03	13.23	ppb
Strontium	88-1	1.00	1.02	1.03	1.02	1.34	ppb
Sulfur	34-1	-114.75	-78.29	-91.38	-94.81		ppb
Terbium	159-1				116		%
Terbium	159-2				104		%
Thallium	203-1	0.02	0.02	0.02	0.02	10.71	ppb
Thallium	205-1	0.02	0.02	0.02	0.02	14.45	ppb
Thorium	232-1	0.01	0.01	0.01	0.01	17.16	ppb
Tin	118-1	0.87	0.92	0.84	0.88	4.99	ppb
Titanium	47-1	0.43	0.38	0.40	0.40	6.37	ppb
Uranium	238-1	0.00	0.00	0.00	0.00	16.38	ppb
Vanadium	51-2	0.24	0.23	0.22	0.23	3.42	ppb
Yttrium	89-1				112		%
Yttrium	89-2				107		%

LB Number :	LB98267	Operator :	Jaswal
Lab Sample ID :	J5082-48	Instrumnet Name :	P7
Client Sample ID :	380917068-1	Dilution Factor :	1
Date & Time Acquired ::	2018-10-01 13:06:39	DataFile Name :	048SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zinc	66-2	41.89	42.15	41.44	41.82	0.86	ppb
Zirconium	90-1	0.05	0.05	0.04	0.05	19.14	ppb
Zirconium	91-1	0.05	0.07	0.08	0.06	25.59	ppb

LB Number :	LB98267	Operator :	Jaswal
Lab Sample ID :	J5082-49	Instrumnet Name :	P7
Client Sample ID :	380917130	Dilution Factor :	1
Date & Time Acquired ::	2018-10-01 13:10:13	DataFile Name :	049SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	15.02	15.97	12.00	14.33	14.46	ppb
Antimony	121-1	0.27	0.27	0.25	0.26	4.17	ppb
Arsenic	75-1	9.12	9.43	9.39	9.31	1.79	ppb
Barium	135-1	79.49	80.00	80.17	79.89	0.45	ppb
Barium	137-1	81.86	80.85	81.58	81.43	0.64	ppb
Beryllium	9-1	0.00	0.04	0.04	0.03	72.64	ppb
Bismuth	209-1				112		%
Bismuth	209-2				99		%
Boron	11-1	31.36	30.95	32.03	31.45	1.72	ppb
Boron	10-1	28.01	30.64	30.73	29.79	5.18	ppb
Cadmium	106-1	1.38	0.57	1.33	1.09	41.89	ppb
Cadmium	108-1	1.22	1.21	1.10	1.18	5.76	ppb
Cadmium	111-1	0.06	0.01	0.07	0.05	66.82	ppb
Calcium	43-1	69319.47	69056.76	69165.07	69180.43	0.19	ppb
Calcium	44-1	71644.87	71164.21	71400.41	71403.16	0.34	ppb
Chromium	52-2	0.27	0.26	0.20	0.24	15.46	ppb
Cobalt	59-2	0.06	0.05	0.05	0.05	2.36	ppb
Copper	63-2	54.51	59.46	52.14	55.37	6.75	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-2						cps
Erbium	164-1						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				120		%
Holmium	165-2				106		%
Indium	115-1				114		%
Indium	115-2				109		%
Iron	56-2	3.48	3.62	3.45	3.52	2.60	ppb
Iron	57-2	171.77	204.64	166.29	180.90	11.47	ppb
Krypton	83-1						cps
Lead	206-1	1.40	1.34	1.37	1.37	2.09	ppb
Lead	207-1	1.27	1.22	1.22	1.23	2.30	ppb
Lead	208-1	1.31	1.29	1.30	1.30	0.55	ppb
Lithium	6-1				114		%
Magnesium	24-2	29579.98	32193.58	28200.22	29991.26	6.76	ppb

LB Number :	LB98267	Operator :	Jaswal
Lab Sample ID :	J5082-49	Instrumnet Name :	P7
Client Sample ID :	380917130	Dilution Factor :	1
Date & Time Acquired ::	2018-10-01 13:10:13	DataFile Name :	049SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	0.42	0.48	0.49	0.46	8.87	ppb
Molybdenum	94-1	0.21	0.28	0.28	0.26	15.09	ppb
Molybdenum	95-1	0.16	0.18	0.15	0.16	8.11	ppb
Molybdenum	96-1	0.17	0.20	0.13	0.17	21.34	ppb
Molybdenum	97-1	0.14	0.19	0.15	0.16	15.53	ppb
Molybdenum	98-1	0.14	0.15	0.16	0.15	7.17	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	1.05	1.23	1.02	1.10	10.39	ppb
Phosphorus	31-2	2.88	-3.59	-2.49	-1.07		ppb
Potassium	39-2	2134.37	2324.39	2048.99	2169.25	6.50	ppb
Rhodium	103-1				109		%
Rhodium	103-2				98		%
Scandium	45-1				113		%
Scandium	45-2				108		%
Selenium	77-2	0.57	0.00	0.00	0.19	173.21	ppb
Selenium	78-2	-0.10	0.40	1.48	0.59	136.57	ppb
Selenium	82-1	0.07	0.15	0.03	0.08	77.04	ppb
Silicon	28-1	2584.57	2576.02	2597.53	2586.04	0.42	ppb
Silver	109-1	0.07	0.06	0.09	0.07	15.62	ppb
Silver	107-1	0.09	0.11	0.08	0.09	13.13	ppb
Sodium	23-2	24098.34	26130.28	22860.58	24363.07	6.78	ppb
Strontium	86-1	283.25	285.08	286.89	285.07	0.64	ppb
Strontium	88-1	285.37	283.41	285.68	284.82	0.43	ppb
Sulfur	34-1	4157.35	4263.84	4294.12	4238.44	1.69	ppb
Terbium	159-1				118		%
Terbium	159-2				106		%
Thallium	203-1	0.01	0.02	0.00	0.01	67.77	ppb
Thallium	205-1	0.01	0.01	0.02	0.01	37.79	ppb
Thorium	232-1	0.00	0.01	0.01	0.01	29.94	ppb
Tin	118-1	0.36	0.36	0.35	0.36	0.59	ppb
Titanium	47-1	0.18	0.28	0.24	0.23	21.76	ppb
Uranium	238-1	0.36	0.36	0.38	0.37	4.11	ppb
Vanadium	51-2	0.11	0.13	0.10	0.11	12.73	ppb
Yttrium	89-1				115		%
Yttrium	89-2				110		%

LB Number :	LB98267	Operator :	Jaswal
Lab Sample ID :	J5082-49	Instrumnet Name :	P7
Client Sample ID :	380917130	Dilution Factor :	1
Date & Time Acquired ::	2018-10-01 13:10:13	DataFile Name :	049SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zinc	66-2	3178.22	3469.78	3070.45	3239.49	6.38	ppb
Zirconium	90-1	0.11	0.11	0.09	0.10	12.99	ppb
Zirconium	91-1	0.11	0.09	0.10	0.10	6.88	ppb

LB Number :	LB98267	Operator :	Jaswal
Lab Sample ID :	J5082-50	Instrumnet Name :	P7
Client Sample ID :	380917131	Dilution Factor :	1
Date & Time Acquired ::	2018-10-01 13:13:49	DataFile Name :	050SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	19.51	15.92	16.27	17.23	11.48	ppb
Antimony	121-1	0.32	0.26	0.31	0.30	10.73	ppb
Arsenic	75-1	10.03	9.82	11.60	10.48	9.30	ppb
Barium	135-1	81.92	75.11	81.59	79.54	4.83	ppb
Barium	137-1	82.92	75.97	84.63	81.17	5.65	ppb
Beryllium	9-1	0.02	0.03	0.01	0.02	33.41	ppb
Bismuth	209-1				113		%
Bismuth	209-2				99		%
Boron	11-1	29.61	28.47	30.47	29.52	3.40	ppb
Boron	10-1	29.36	28.25	29.41	29.01	2.26	ppb
Cadmium	106-1	1.04	0.08	-0.35	0.25	280.81	ppb
Cadmium	108-1	1.72	1.46	0.81	1.33	34.95	ppb
Cadmium	111-1	0.03	-0.03	-0.01	0.00		ppb
Calcium	43-1	71508.54	65338.40	70801.04	69215.99	4.88	ppb
Calcium	44-1	73333.04	66869.15	72310.66	70837.62	4.91	ppb
Chromium	52-2	0.28	0.27	0.29	0.28	3.17	ppb
Cobalt	59-2	0.06	0.07	0.05	0.06	16.41	ppb
Copper	63-2	475.94	482.94	483.46	480.78	0.87	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-2						cps
Erbium	164-1						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				121		%
Holmium	165-2				106		%
Indium	115-1				114		%
Indium	115-2				110		%
Iron	56-2	23.18	22.84	22.62	22.88	1.23	ppb
Iron	57-2	193.21	199.94	201.81	198.32	2.28	ppb
Krypton	83-1						cps
Lead	206-1	12.61	11.89	12.75	12.41	3.73	ppb
Lead	207-1	12.29	11.19	12.04	11.84	4.88	ppb
Lead	208-1	12.36	11.60	12.38	12.11	3.70	ppb
Lithium	6-1				115		%
Magnesium	24-2	29776.59	29669.96	29602.90	29683.15	0.30	ppb

LB Number :	LB98267	Operator :	Jaswal
Lab Sample ID :	J5082-50	Instrumnet Name :	P7
Client Sample ID :	380917131	Dilution Factor :	1
Date & Time Acquired ::	2018-10-01 13:13:49	DataFile Name :	050SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	0.54	0.53	0.56	0.54	2.80	ppb
Molybdenum	94-1	0.15	0.13	0.13	0.14	9.01	ppb
Molybdenum	95-1	0.13	0.17	0.16	0.15	14.48	ppb
Molybdenum	96-1	0.18	0.17	0.14	0.16	13.39	ppb
Molybdenum	97-1	0.15	0.12	0.13	0.13	10.68	ppb
Molybdenum	98-1	0.18	0.14	0.17	0.16	13.24	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	1.10	1.35	1.27	1.24	10.36	ppb
Phosphorus	31-2	13.07	-5.36	9.06	5.59	173.39	ppb
Potassium	39-2	2164.57	2174.73	2167.43	2168.91	0.24	ppb
Rhodium	103-1				110		%
Rhodium	103-2				98		%
Scandium	45-1				114		%
Scandium	45-2				109		%
Selenium	77-2	0.57	0.58	1.14	0.76	42.87	ppb
Selenium	78-2	-0.01	-1.06	0.55	-0.17		ppb
Selenium	82-1	0.22	0.57	-0.07	0.24	134.45	ppb
Silicon	28-1	2677.19	2432.31	2635.87	2581.79	5.08	ppb
Silver	109-1	0.07	0.06	0.06	0.06	9.42	ppb
Silver	107-1	0.08	0.06	0.10	0.08	23.25	ppb
Sodium	23-2	24391.89	24372.98	24276.20	24347.03	0.25	ppb
Strontium	86-1	294.05	272.32	295.35	287.24	4.50	ppb
Strontium	88-1	295.31	271.36	292.13	286.26	4.54	ppb
Sulfur	34-1	4396.68	3744.22	4315.15	4152.02	8.56	ppb
Terbium	159-1				119		%
Terbium	159-2				106		%
Thallium	203-1	0.02	0.01	0.01	0.01	50.16	ppb
Thallium	205-1	0.01	0.01	0.01	0.01	18.76	ppb
Thorium	232-1	0.01	0.00	0.00	0.00	52.24	ppb
Tin	118-1	1.32	1.20	1.38	1.30	6.95	ppb
Titanium	47-1	0.36	0.21	0.21	0.26	32.48	ppb
Uranium	238-1	0.41	0.37	0.41	0.40	5.66	ppb
Vanadium	51-2	0.15	0.14	0.15	0.15	3.12	ppb
Yttrium	89-1				115		%
Yttrium	89-2				110		%

LB Number :	LB98267	Operator :	Jaswal
Lab Sample ID :	J5082-50	Instrumnet Name :	P7
Client Sample ID :	380917131	Dilution Factor :	1
Date & Time Acquired ::	2018-10-01 13:13:49	DataFile Name :	050SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zinc	66-2	4074.99	4123.67	4118.21	4105.62	0.65	ppb
Zirconium	90-1	0.01	0.01	0.01	0.01	27.95	ppb
Zirconium	91-1	0.03	0.03	0.03	0.03	6.80	ppb

LB Number :	LB98267	Operator :	Jaswal
Lab Sample ID :	J5082-32	Instrumnet Name :	P7
Client Sample ID :	380912104	Dilution Factor :	1
Date & Time Acquired ::	2018-10-01 13:17:24	DataFile Name :	051SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	35.62	34.83	39.11	36.52	6.23	ppb
Antimony	121-1	0.34	0.27	0.29	0.30	12.16	ppb
Arsenic	75-1	10.11	10.07	9.38	9.85	4.14	ppb
Barium	135-1	0.35	0.37	0.31	0.34	9.12	ppb
Barium	137-1	0.34	0.40	0.34	0.36	10.48	ppb
Beryllium	9-1	0.04	0.04	0.01	0.03	46.95	ppb
Bismuth	209-1				99		%
Bismuth	209-2				88		%
Boron	11-1	1763.52	1830.38	1852.03	1815.31	2.54	ppb
Boron	10-1	1680.31	1742.91	1760.79	1728.00	2.45	ppb
Cadmium	106-1	-0.81	-1.45	-0.76	-1.01		ppb
Cadmium	108-1	0.15	0.08	0.18	0.13	40.64	ppb
Cadmium	111-1	-0.07	-0.09	-0.04	-0.07		ppb
Calcium	43-1	2071.02	2051.29	2047.60	2056.64	0.61	ppb
Calcium	44-1	2098.84	2101.35	2083.64	2094.61	0.46	ppb
Chromium	52-2	0.36	0.33	0.34	0.34	5.56	ppb
Cobalt	59-2	0.04	0.04	0.04	0.04	10.56	ppb
Copper	63-2	50.02	51.04	51.39	50.82	1.40	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-2						cps
Erbium	164-1						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				113		%
Holmium	165-2				102		%
Indium	115-1				103		%
Indium	115-2				103		%
Iron	56-2	131.69	133.92	134.03	133.21	0.99	ppb
Iron	57-2	134.84	139.38	147.82	140.68	4.68	ppb
Krypton	83-1						cps
Lead	206-1	0.84	0.86	0.92	0.87	4.35	ppb
Lead	207-1	0.83	0.73	0.80	0.79	6.72	ppb
Lead	208-1	0.82	0.81	0.84	0.83	2.08	ppb
Lithium	6-1				102		%
Magnesium	24-2	173.02	176.12	175.68	174.94	0.96	ppb

LB Number :	LB98267	Operator :	Jaswal
Lab Sample ID :	J5082-32	Instrumnet Name :	P7
Client Sample ID :	380912104	Dilution Factor :	1
Date & Time Acquired ::	2018-10-01 13:17:24	DataFile Name :	051SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	19.81	20.64	20.29	20.25	2.08	ppb
Molybdenum	94-1	9.39	9.33	9.44	9.39	0.57	ppb
Molybdenum	95-1	13.52	13.57	13.79	13.63	1.06	ppb
Molybdenum	96-1	13.52	13.20	13.00	13.24	2.00	ppb
Molybdenum	97-1	13.60	13.78	13.35	13.58	1.59	ppb
Molybdenum	98-1	13.72	13.80	13.79	13.77	0.35	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	3.68	3.63	3.57	3.63	1.42	ppb
Phosphorus	31-2	6.28	-2.69	-4.88	-0.43		ppb
Potassium	39-2	235.75	242.19	236.03	237.99	1.53	ppb
Rhodium	103-1				96		%
Rhodium	103-2				89		%
Scandium	45-1				105		%
Scandium	45-2				106		%
Selenium	77-2	0.00	0.00	0.59	0.20	173.21	ppb
Selenium	78-2	0.85	0.12	0.13	0.37	114.07	ppb
Selenium	82-1	0.12	0.34	1.57	0.68	115.36	ppb
Silicon	28-1	6485.76	6541.19	6533.58	6520.18	0.46	ppb
Silver	109-1	0.07	0.07	0.07	0.07	3.34	ppb
Silver	107-1	0.07	0.07	0.07	0.07	6.95	ppb
Sodium	23-2	796267.54	797805.45	801637.91	798570.30	0.35	ppb
Strontium	86-1	39.88	40.76	39.18	39.94	1.98	ppb
Strontium	88-1	39.57	39.88	39.80	39.75	0.40	ppb
Sulfur	34-1	548182.37	556925.29	552670.33	552592.66	0.79	ppb
Terbium	159-1				111		%
Terbium	159-2				102		%
Thallium	203-1	0.01	0.00	0.01	0.01	76.12	ppb
Thallium	205-1	0.01	0.01	0.00	0.01	41.83	ppb
Thorium	232-1	0.01	0.01	0.01	0.01	4.18	ppb
Tin	118-1	0.14	0.20	0.21	0.18	19.22	ppb
Titanium	47-1	1.53	1.39	1.37	1.43	6.22	ppb
Uranium	238-1	0.38	0.38	0.38	0.38	0.77	ppb
Vanadium	51-2	0.24	0.24	0.27	0.25	7.91	ppb
Yttrium	89-1				107		%
Yttrium	89-2				107		%

LB Number :	LB98267	Operator :	Jaswal
Lab Sample ID :	J5082-32	Instrumnet Name :	P7
Client Sample ID :	380912104	Dilution Factor :	1
Date & Time Acquired ::	2018-10-01 13:17:24	DataFile Name :	051SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zinc	66-2	323.56	324.72	330.64	326.31	1.16	ppb
Zirconium	90-1	0.02	0.02	0.03	0.02	24.44	ppb
Zirconium	91-1	0.06	0.03	0.04	0.04	34.01	ppb

LB Number :	LB98267	Operator :	Jaswal
Lab Sample ID :	CCV20	Instrumnet Name :	P7
Client Sample ID :	CCV20	Dilution Factor :	1
Date & Time Acquired ::	2018-10-01 13:24:57	DataFile Name :	053CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	51338.79	51053.51	49930.63	50774.31	1.47	ppb
Antimony	121-1	501.04	498.81	504.73	501.52	0.60	ppb
Arsenic	75-1	475.69	481.02	484.85	480.52	0.96	ppb
Barium	135-1	2624.38	2609.37	2613.26	2615.67	0.30	ppb
Barium	137-1	2616.66	2597.18	2597.40	2603.75	0.43	ppb
Beryllium	9-1	507.03	504.21	514.16	508.47	1.01	ppb
Bismuth	209-1				90		%
Bismuth	209-2				83		%
Boron	11-1	564.59	573.21	586.47	574.76	1.92	ppb
Boron	10-1	550.32	563.48	573.20	562.33	2.04	ppb
Cadmium	106-1	489.71	492.88	481.62	488.07	1.19	ppb
Cadmium	108-1	490.64	497.04	492.32	493.33	0.67	ppb
Cadmium	111-1	482.35	487.89	491.70	487.31	0.97	ppb
Calcium	43-1	238884.30	238302.61	237725.63	238304.18	0.24	ppb
Calcium	44-1	236722.30	237162.80	237179.53	237021.54	0.11	ppb
Chromium	52-2	536.14	535.58	525.72	532.48	1.10	ppb
Cobalt	59-2	501.01	505.24	491.40	499.22	1.42	ppb
Copper	63-2	950.22	954.64	931.55	945.47	1.30	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-2						cps
Erbium	164-1						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				105		%
Holmium	165-2				99		%
Indium	115-1				97		%
Indium	115-2				102		%
Iron	56-2	127645.09	126980.18	123629.44	126084.90	1.71	ppb
Iron	57-2	128107.59	127051.26	123714.51	126291.12	1.82	ppb
Krypton	83-1						cps
Lead	206-1	526.47	523.82	526.74	525.68	0.31	ppb
Lead	207-1	526.01	522.52	523.30	523.95	0.35	ppb
Lead	208-1	524.08	522.19	521.67	522.65	0.24	ppb
Lithium	6-1				97		%
Magnesium	24-2	247771.28	246874.57	241667.22	245437.69	1.34	ppb

LB Number :	LB98267	Operator :	Jaswal
Lab Sample ID :	CCV20	Instrumnet Name :	P7
Client Sample ID :	CCV20	Dilution Factor :	1
Date & Time Acquired ::	2018-10-01 13:24:57	DataFile Name :	053CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	1030.60	1030.08	1008.85	1023.17	1.21	ppb
Molybdenum	94-1	2573.78	2570.71	2581.93	2575.48	0.23	ppb
Molybdenum	95-1	2566.50	2567.18	2569.22	2567.63	0.06	ppb
Molybdenum	96-1	2577.00	2559.28	2586.10	2574.13	0.53	ppb
Molybdenum	97-1	2565.51	2571.56	2582.77	2573.28	0.34	ppb
Molybdenum	98-1	2578.37	2592.47	2588.54	2586.46	0.28	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	506.20	509.31	498.16	504.55	1.14	ppb
Phosphorus	31-2	10227.46	10189.12	9985.83	10134.14	1.28	ppb
Potassium	39-2	123237.87	123353.97	120996.60	122529.48	1.08	ppb
Rhodium	103-1				91		%
Rhodium	103-2				86		%
Scandium	45-1				102		%
Scandium	45-2				110		%
Selenium	77-2	491.46	465.03	465.77	474.09	3.17	ppb
Selenium	78-2	483.91	476.01	472.50	477.47	1.22	ppb
Selenium	82-1	467.13	471.08	477.10	471.77	1.07	ppb
Silicon	28-1	507.77	515.51	516.43	513.24	0.93	ppb
Silver	109-1	507.54	501.51	505.34	504.80	0.60	ppb
Silver	107-1	501.83	505.15	503.47	503.48	0.33	ppb
Sodium	23-2	248766.38	249073.08	242212.24	246683.90	1.57	ppb
Strontium	86-1	511.78	513.16	517.20	514.05	0.55	ppb
Strontium	88-1	516.07	511.42	514.57	514.02	0.46	ppb
Sulfur	34-1	10288.12	10466.00	10313.34	10355.82	0.93	ppb
Terbium	159-1				104		%
Terbium	159-2				98		%
Thallium	203-1	519.06	527.99	527.18	524.74	0.94	ppb
Thallium	205-1	529.06	529.05	529.30	529.14	0.03	ppb
Thorium	232-1	518.02	517.10	516.25	517.12	0.17	ppb
Tin	118-1	514.56	516.33	520.26	517.05	0.56	ppb
Titanium	47-1	2572.25	2577.50	2543.07	2564.27	0.72	ppb
Uranium	238-1	512.77	516.43	511.78	513.66	0.48	ppb
Vanadium	51-2	522.63	522.40	514.56	519.87	0.88	ppb
Yttrium	89-1				101		%
Yttrium	89-2				108		%

LB Number :	LB98267	Operator :	Jaswal
Lab Sample ID :	CCV20	Instrumnet Name :	P7
Client Sample ID :	CCV20	Dilution Factor :	1
Date & Time Acquired ::	2018-10-01 13:24:57	DataFile Name :	053CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zinc	66-2	794.56	802.02	773.81	790.13	1.85	ppb
Zirconium	90-1	515.59	514.93	518.08	516.20	0.32	ppb
Zirconium	91-1	501.77	502.56	507.37	503.90	0.60	ppb

LB Number :	LB98267	Operator :	Jaswal
Lab Sample ID :	CCB20	Instrumnet Name :	P7
Client Sample ID :	CCB20	Dilution Factor :	1
Date & Time Acquired ::	2018-10-01 13:28:37	DataFile Name :	054CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	1.94	1.71	0.53	1.39	54.53	ppb
Antimony	121-1	0.25	0.26	0.20	0.24	12.67	ppb
Arsenic	75-1	0.25	0.21	0.16	0.21	22.96	ppb
Barium	135-1	0.16	0.15	0.14	0.15	7.23	ppb
Barium	137-1	0.17	0.11	0.10	0.13	30.66	ppb
Beryllium	9-1	0.08	0.06	0.08	0.07	12.50	ppb
Bismuth	209-1				108		%
Bismuth	209-2				97		%
Boron	11-1	55.73	54.85	47.41	52.66	8.69	ppb
Boron	10-1	53.19	52.02	45.75	50.32	7.95	ppb
Cadmium	106-1	-0.22	-1.14	0.07	-0.43		ppb
Cadmium	108-1	0.01	0.08	0.10	0.06	78.86	ppb
Cadmium	111-1	0.07	-0.02	0.06	0.04	128.00	ppb
Calcium	43-1	9.29	10.39	8.25	9.31	11.49	ppb
Calcium	44-1	12.61	10.47	7.44	10.17	25.55	ppb
Chromium	52-2	0.00	0.04	0.03	0.03	80.35	ppb
Cobalt	59-2	0.02	0.01	0.02	0.02	35.81	ppb
Copper	63-2	0.19	0.23	0.26	0.23	14.70	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-2						cps
Erbium	164-1						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				111		%
Holmium	165-2				100		%
Indium	115-1				110		%
Indium	115-2				107		%
Iron	56-2	3.89	3.41	3.29	3.53	8.88	ppb
Iron	57-2	3.26	1.73	2.51	2.50	30.66	ppb
Krypton	83-1						cps
Lead	206-1	0.05	0.05	0.05	0.05	7.52	ppb
Lead	207-1	0.03	0.05	0.04	0.04	19.48	ppb
Lead	208-1	0.05	0.04	0.05	0.05	7.87	ppb
Lithium	6-1				109		%
Magnesium	24-2	6.75	6.57	6.24	6.52	3.92	ppb

LB Number :	LB98267	Operator :	Jaswal
Lab Sample ID :	CCB20	Instrumnet Name :	P7
Client Sample ID :	CCB20	Dilution Factor :	1
Date & Time Acquired ::	2018-10-01 13:28:37	DataFile Name :	054CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	0.03	0.02	0.04	0.03	22.22	ppb
Molybdenum	94-1	0.42	0.42	0.33	0.39	12.16	ppb
Molybdenum	95-1	0.63	0.55	0.43	0.54	18.66	ppb
Molybdenum	96-1	0.57	0.50	0.39	0.49	18.11	ppb
Molybdenum	97-1	0.52	0.45	0.39	0.45	13.93	ppb
Molybdenum	98-1	0.56	0.46	0.39	0.47	17.35	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.01	-0.03	-0.03	-0.01		ppb
Phosphorus	31-2	-11.47	0.95	-7.54	-6.02		ppb
Potassium	39-2	13.34	11.16	11.26	11.92	10.36	ppb
Rhodium	103-1				109		%
Rhodium	103-2				99		%
Scandium	45-1				111		%
Scandium	45-2				108		%
Selenium	77-2	0.00	0.00	0.00	0.00	N/A	ppb
Selenium	78-2	0.31	-0.66	0.02	-0.11		ppb
Selenium	82-1	0.15	-0.13	0.34	0.12	196.79	ppb
Silicon	28-1	0.56	0.34	-2.13	-0.41		ppb
Silver	109-1	0.10	0.10	0.08	0.09	14.34	ppb
Silver	107-1	0.11	0.08	0.07	0.09	22.12	ppb
Sodium	23-2	35.66	34.27	33.80	34.58	2.79	ppb
Strontium	86-1	0.01	0.05	0.03	0.03	61.21	ppb
Strontium	88-1	0.03	0.03	0.03	0.03	14.47	ppb
Sulfur	34-1	-352.06	-350.20	-573.28	-425.18		ppb
Terbium	159-1				110		%
Terbium	159-2				100		%
Thallium	203-1	0.18	0.13	0.14	0.15	16.55	ppb
Thallium	205-1	0.18	0.16	0.13	0.15	15.04	ppb
Thorium	232-1	0.17	0.16	0.13	0.16	13.77	ppb
Tin	118-1	0.15	0.16	0.11	0.14	18.35	ppb
Titanium	47-1	0.23	0.14	0.12	0.16	38.14	ppb
Uranium	238-1	0.02	0.02	0.02	0.02	13.64	ppb
Vanadium	51-2	0.02	0.02	0.02	0.02	11.67	ppb
Yttrium	89-1				110		%
Yttrium	89-2				108		%

LB Number :	LB98267	Operator :	Jaswal
Lab Sample ID :	CCB20	Instrumnet Name :	P7
Client Sample ID :	CCB20	Dilution Factor :	1
Date & Time Acquired ::	2018-10-01 13:28:37	DataFile Name :	054CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zinc	66-2	-0.03	0.13	-0.03	0.02	384.60	ppb
Zirconium	90-1	0.06	0.06	0.04	0.06	20.89	ppb
Zirconium	91-1	0.07	0.09	0.08	0.08	16.59	ppb

LB Number : LB98267 Operator : Jaswal
 Lab Sample ID : S0 Instrumnet Name : P7
 Client Sample ID : S0 Dilution Factor : 1
 Date & Time Acquired :: 2018-10-01 10:22:00 DataFile Name : 003CALB.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	75	42	92	69	36.66	cps
Antimony	121-1	33	17	33	28	34.63	cps
Arsenic	75-1	-311	-418	-287	-339	-20.64	cps
Barium	135-1	8	8	17	11	43.34	cps
Barium	137-1	25	17	25	22	21.64	cps
Beryllium	9-1	6	11	28	15	78.05	cps
Bismuth	209-1	4211654	4208482	4225282	4215140	0.21	cps
Bismuth	209-2	2879546	2880856	2866102	2875501	0.28	cps
Boron	11-1	1392	1117	1483	1331	14.34	cps
Boron	10-1	358	367	358	361	1.33	cps
Cadmium	106-1	1658	1742	1684	1695	2.52	cps
Cadmium	108-1	8	0	13	7	91.66	cps
Cadmium	111-1	1155	1223	1174	1184	2.98	cps
Calcium	43-1	133	133	133	133	0.00	cps
Calcium	44-1	4559	4109	4459	4376	5.40	cps
Chromium	52-2	350	337	340	342	2.03	cps
Cobalt	59-2	27	10	20	19	44.42	cps
Copper	63-2	587	630	633	617	4.22	cps
Dysprosium	156-1	17	0	8	8	100.02	cps
Dysprosium	156-2	3	10	3	6	69.34	cps
Erbium	164-2	10	10	20	13	43.30	cps
Erbium	164-1	17	17	17	17	0.00	cps
Gadolinium	160-1	58	33	50	47	26.97	cps
Gadolinium	160-2	97	113	117	109	9.84	cps
Holmium	165-1	6472385	6539787	6507480	6506551	0.52	cps
Holmium	165-2	3859103	3874155	3874058	3869106	0.22	cps
Indium	115-1	5045549	5085899	5062285	5064578	0.40	cps
Indium	115-2	1024012	1029982	1032742	1028912	0.43	cps
Iron	56-2	2111	2117	2045	2091	1.92	cps
Iron	57-2	94	83	106	94	11.76	cps
Krypton	83-1	180	180	183	181	1.06	cps
Lead	206-1	117	117	117	117	0.00	cps
Lead	207-1	56	161	161	126	48.39	cps
Lead	208-1	439	500	511	483	8.05	cps
Lithium	6-1	2901483	2904637	2887208	2897776	0.32	cps
Magnesium	24-2	117	75	67	86	31.11	cps

LB Number :	LB98267	Operator :	Jaswal
Lab Sample ID :	S0	Instrumnet Name :	P7
Client Sample ID :	S0	Dilution Factor :	1
Date & Time Acquired ::	2018-10-01 10:22:00	DataFile Name :	003CALB.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	27	17	27	23	24.74	cps
Molybdenum	94-1	267	142	167	192	34.51	cps
Molybdenum	95-1	8	17	25	17	50.01	cps
Molybdenum	96-1	67	67	108	81	29.86	cps
Molybdenum	97-1	25	17	17	19	24.73	cps
Molybdenum	98-1	33	75	58	56	37.75	cps
Neodymium	150-1	7	0	0	2	173.21	cps
Neodymium	150-2	0	0	3	1	173.21	cps
Nickel	60-2	50	47	23	40	36.33	cps
Phosphorus	31-2	92	83	117	97	17.84	cps
Potassium	39-2	6960	6593	7169	6907	4.22	cps
Rhodium	103-1	4788663	4809563	4819264	4805830	0.33	cps
Rhodium	103-2	2455569	2437503	2442652	2445241	0.38	cps
Scandium	45-1	3769839	3745842	3745340	3753673	0.37	cps
Scandium	45-2	160184	160899	162641	161241	0.78	cps
Selenium	77-2	0	0	0	0	0.00	cps
Selenium	78-2	28	19	30	25	23.52	cps
Selenium	82-1	-2	37	31	22	96.17	cps
Silicon	28-1	158624	161807	161040	160491	1.03	cps
Silver	109-1	33	0	25	19	89.21	cps
Silver	107-1	50	33	33	39	24.74	cps
Sodium	23-2	4451	4759	4259	4490	5.62	cps
Strontium	86-1	292	375	300	322	14.24	cps
Strontium	88-1	267	250	333	283	15.56	cps
Sulfur	34-1	141288	139784	140843	140638	0.55	cps
Terbium	159-1	6846100	6850839	6914612	6870517	0.56	cps
Terbium	159-2	3879959	3887477	3890004	3885813	0.13	cps
Thallium	203-1	67	25	17	36	74.18	cps
Thallium	205-1	133	67	92	97	34.64	cps
Thorium	232-1	50	44	89	61	39.62	cps
Tin	118-1	575	667	783	675	15.47	cps
Titanium	47-1	50	42	25	39	32.73	cps
Uranium	238-1	50	50	33	44	21.66	cps
Vanadium	51-2	7	0	7	4	86.60	cps
Yttrium	89-1	5577329	5525648	5584430	5562469	0.58	cps
Yttrium	89-2	823178	821700	830290	825056	0.56	cps

LB Number :	LB98267	Operator :	Jaswal
Lab Sample ID :	S0	Instrumnet Name :	P7
Client Sample ID :	S0	Dilution Factor :	1
Date & Time Acquired ::	2018-10-01 10:22:00	DataFile Name :	003CALB.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zinc	66-2	223	230	210	221	4.61	cps
Zirconium	90-1	492	533	342	456	22.13	cps
Zirconium	91-1	33	92	92	72	46.64	cps

LB Number :	LB98267	Operator :	Jaswal
Lab Sample ID :	S2	Instrumnet Name :	P7
Client Sample ID :	S2	Dilution Factor :	1
Date & Time Acquired ::	2018-10-01 10:30:10	DataFile Name :	005CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	1458	1592	1350	1467	8.25	cps
Antimony	121-1	10413	10846	10563	10607	2.08	cps
Arsenic	75-1	822	876	1476	1058	34.33	cps
Barium	135-1	14266	13866	14541	14224	2.39	cps
Barium	137-1	23563	24906	24581	24350	2.88	cps
Beryllium	9-1	2250	2328	2106	2228	5.06	cps
Bismuth	209-1	4038227	4033969	4054531	4042242	0.27	cps
Bismuth	209-2	2768103	2798090	2753110	2773101	0.83	cps
Boron	11-1	33739	35534	34265	34513	2.67	cps
Boron	10-1	7619	8403	7952	7991	4.92	cps
Cadmium	106-1	2092	2134	2100	2109	1.05	cps
Cadmium	108-1	104	117	104	108	6.66	cps
Cadmium	111-1	2871	2958	3027	2952	2.65	cps
Calcium	43-1	10879	10613	11196	10896	2.68	cps
Calcium	44-1	173775	174081	176737	174864	0.93	cps
Chromium	52-2	4711	4707	4464	4627	3.06	cps
Cobalt	59-2	2957	3224	3144	3108	4.40	cps
Copper	63-2	4918	5048	5041	5002	1.46	cps
Dysprosium	156-1	0	0	0	0	0.00	cps
Dysprosium	156-2	0	0	0	0	0.00	cps
Erbium	164-2	20	20	20	20	0.00	cps
Erbium	164-1	17	33	42	31	41.66	cps
Gadolinium	160-1	25	25	92	47	81.51	cps
Gadolinium	160-2	93	127	113	111	15.10	cps
Holmium	165-1	6418524	6340271	6353035	6370610	0.66	cps
Holmium	165-2	3788578	3794843	3768927	3784116	0.36	cps
Indium	115-1	4960877	4922573	4948332	4943927	0.39	cps
Indium	115-2	1058116	1073224	1059231	1063524	0.79	cps
Iron	56-2	85620	87219	86442	86427	0.93	cps
Iron	57-2	2150	2306	2184	2213	3.70	cps
Krypton	83-1	177	140	183	167	14.00	cps
Lead	206-1	4834	4807	4907	4849	1.07	cps
Lead	207-1	4451	4545	4490	4495	1.06	cps
Lead	208-1	19762	19829	20062	19884	0.79	cps
Lithium	6-1	2873740	2895332	2871775	2880283	0.45	cps
Magnesium	24-2	82678	80609	81286	81524	1.29	cps

LB Number :	LB98267	Operator :	Jaswal
Lab Sample ID :	S2	Instrumnet Name :	P7
Client Sample ID :	S2	Dilution Factor :	1
Date & Time Acquired ::	2018-10-01 10:30:10	DataFile Name :	005CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	1367	1253	1290	1303	4.44	cps
Molybdenum	94-1	13448	12773	12164	12795	5.02	cps
Molybdenum	95-1	15542	15417	14383	15114	4.21	cps
Molybdenum	96-1	17203	17695	16485	17128	3.55	cps
Molybdenum	97-1	9637	9745	9120	9501	3.52	cps
Molybdenum	98-1	25039	24405	24330	24591	1.59	cps
Neodymium	150-1	7	0	20	9	114.55	cps
Neodymium	150-2	0	0	0	0	0.00	cps
Nickel	60-2	1000	873	997	957	7.55	cps
Phosphorus	31-2	125	158	108	131	19.50	cps
Potassium	39-2	80476	80385	80200	80354	0.17	cps
Rhodium	103-1	4713290	4705464	4704647	4707800	0.10	cps
Rhodium	103-2	2278432	2303531	2273992	2285318	0.70	cps
Scandium	45-1	3743442	3743328	3739869	3742213	0.05	cps
Scandium	45-2	165903	165974	164198	165358	0.61	cps
Selenium	77-2	23	43	40	36	30.14	cps
Selenium	78-2	131	115	130	125	7.29	cps
Selenium	82-1	623	704	577	635	10.15	cps
Silicon	28-1	229832	229546	227521	228966	0.55	cps
Silver	109-1	7110	7594	7269	7324	3.37	cps
Silver	107-1	7494	7677	7886	7686	2.55	cps
Sodium	23-2	162881	158452	164946	162093	2.05	cps
Strontium	86-1	2275	2075	2417	2256	7.61	cps
Strontium	88-1	17678	17620	18780	18026	3.62	cps
Sulfur	34-1	148188	150157	149863	149403	0.71	cps
Terbium	159-1	6705943	6659714	6632043	6665900	0.56	cps
Terbium	159-2	3811612	3815739	3778106	3801819	0.54	cps
Thallium	203-1	5618	6252	6085	5985	5.49	cps
Thallium	205-1	13683	13708	13399	13596	1.26	cps
Thorium	232-1	19760	20205	20060	20008	1.14	cps
Tin	118-1	24923	24422	24848	24731	1.09	cps
Titanium	47-1	4893	4584	5143	4873	5.74	cps
Uranium	238-1	20867	20083	20701	20550	2.01	cps
Vanadium	51-2	7996	8182	7685	7954	3.16	cps
Yttrium	89-1	5457857	5486709	5448168	5464245	0.37	cps
Yttrium	89-2	850152	857381	845568	851033	0.70	cps

LB Number :	LB98267	Operator :	Jaswal
Lab Sample ID :	S2	Instrumnet Name :	P7
Client Sample ID :	S2	Dilution Factor :	1
Date & Time Acquired ::	2018-10-01 10:30:10	DataFile Name :	005CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zinc	66-2	900	1060	910	957	9.37	cps
Zirconium	90-1	11130	11522	11305	11319	1.74	cps
Zirconium	91-1	2575	2609	2584	2589	0.67	cps

LB Number :	LB98267	Operator :	Jaswal
Lab Sample ID :	S3	Instrumnet Name :	P7
Client Sample ID :	S3	Dilution Factor :	1
Date & Time Acquired ::	2018-10-01 10:34:05	DataFile Name :	006CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	70516	69989	71463	70656	1.06	cps
Antimony	121-1	282363	282664	283770	282932	0.26	cps
Arsenic	75-1	67547	65914	66558	66673	1.23	cps
Barium	135-1	368885	368228	372646	369920	0.64	cps
Barium	137-1	645676	631773	646802	641417	1.31	cps
Beryllium	9-1	111506	113499	110862	111956	1.23	cps
Bismuth	209-1	3978102	3979277	4039460	3998946	0.88	cps
Bismuth	209-2	2657205	2624412	2676117	2652578	0.99	cps
Boron	11-1	73294	74736	76477	74836	2.13	cps
Boron	10-1	16001	16084	17160	16415	3.94	cps
Cadmium	106-1	10021	10663	10054	10246	3.53	cps
Cadmium	108-1	6035	5701	5910	5882	2.86	cps
Cadmium	111-1	81545	80616	80990	81050	0.58	cps
Calcium	43-1	110218	108420	109134	109257	0.83	cps
Calcium	44-1	1727642	1717123	1723838	1722868	0.31	cps
Chromium	52-2	99103	99208	99335	99215	0.12	cps
Cobalt	59-2	153429	153055	151717	152734	0.59	cps
Copper	63-2	209273	207867	205984	207708	0.79	cps
Dysprosium	156-1	0	0	0	0	0.00	cps
Dysprosium	156-2	7	10	20	12	56.76	cps
Erbium	164-2	3	17	23	14	70.51	cps
Erbium	164-1	17	17	17	17	0.00	cps
Gadolinium	160-1	8	58	25	31	83.33	cps
Gadolinium	160-2	67	87	110	88	24.71	cps
Holmium	165-1	6290603	6267861	6381348	6313271	0.95	cps
Holmium	165-2	3667995	3605889	3656757	3643547	0.91	cps
Indium	115-1	4792330	4766882	4854834	4804682	0.94	cps
Indium	115-2	1029427	1007222	1029016	1021888	1.24	cps
Iron	56-2	4098980	4114222	4088365	4100522	0.32	cps
Iron	57-2	99620	101213	99367	100067	1.00	cps
Krypton	83-1	137	150	180	156	14.27	cps
Lead	206-1	242318	240763	243472	242184	0.56	cps
Lead	207-1	222156	222791	221277	222075	0.34	cps
Lead	208-1	991516	985956	994629	990700	0.44	cps
Lithium	6-1	2868749	2830089	2876614	2858484	0.87	cps
Magnesium	24-2	819189	820949	811062	817067	0.65	cps

LB Number :	LB98267	Operator :	Jaswal
Lab Sample ID :	S3	Instrumnet Name :	P7
Client Sample ID :	S3	Dilution Factor :	1
Date & Time Acquired ::	2018-10-01 10:34:05	DataFile Name :	006CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	119896	119608	118493	119332	0.62	cps
Molybdenum	94-1	638303	641862	636823	638996	0.41	cps
Molybdenum	95-1	776613	779018	770592	775408	0.56	cps
Molybdenum	96-1	859300	855434	857080	857271	0.23	cps
Molybdenum	97-1	488094	487902	486668	487555	0.16	cps
Molybdenum	98-1	1235554	1234065	1232077	1233899	0.14	cps
Neodymium	150-1	20	40	40	33	34.64	cps
Neodymium	150-2	7	7	7	7	0.00	cps
Nickel	60-2	39761	39206	39563	39510	0.71	cps
Phosphorus	31-2	3942	4009	4317	4090	4.89	cps
Potassium	39-2	365394	364044	361470	363636	0.55	cps
Rhodium	103-1	4544675	4513967	4555245	4537962	0.47	cps
Rhodium	103-2	2157517	2111873	2148831	2139407	1.13	cps
Scandium	45-1	3658594	3611466	3661515	3643858	0.77	cps
Scandium	45-2	155533	154152	156264	155316	0.69	cps
Selenium	77-2	310	303	287	300	4.01	cps
Selenium	78-2	1041	932	957	977	5.85	cps
Selenium	82-1	6080	6106	6008	6064	0.84	cps
Silicon	28-1	402907	404934	401190	403010	0.47	cps
Silver	109-1	382920	385656	381598	383391	0.54	cps
Silver	107-1	396853	397211	400433	398166	0.50	cps
Sodium	23-2	1563862	1550992	1553771	1556208	0.44	cps
Strontium	86-1	103244	101607	104261	103037	1.30	cps
Strontium	88-1	874595	876423	874896	875305	0.11	cps
Sulfur	34-1	182015	179872	180413	180767	0.62	cps
Terbium	159-1	6589238	6601914	6662251	6617801	0.59	cps
Terbium	159-2	3651350	3614610	3657426	3641129	0.64	cps
Thallium	203-1	290869	290722	294685	292092	0.77	cps
Thallium	205-1	686357	697837	706505	696899	1.45	cps
Thorium	232-1	1049474	1044085	1038883	1044148	0.51	cps
Tin	118-1	246908	246820	246304	246678	0.13	cps
Titanium	47-1	242671	241281	239894	241282	0.58	cps
Uranium	238-1	1012294	1020390	1007199	1013294	0.66	cps
Vanadium	51-2	80448	80873	79221	80181	1.07	cps
Yttrium	89-1	5333230	5315421	5386116	5344922	0.69	cps
Yttrium	89-2	823874	803769	819124	815589	1.29	cps

LB Number :	LB98267	Operator :	Jaswal
Lab Sample ID :	S3	Instrumnet Name :	P7
Client Sample ID :	S3	Dilution Factor :	1
Date & Time Acquired ::	2018-10-01 10:34:05	DataFile Name :	006CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zinc	66-2	55716	55836	55636	55729	0.18	cps
Zirconium	90-1	531984	533475	532768	532742	0.14	cps
Zirconium	91-1	122034	119848	119663	120515	1.09	cps

LB Number :	LB98267	Operator :	Jaswal
Lab Sample ID :	S4	Instrumnet Name :	P7
Client Sample ID :	S4	Dilution Factor :	1
Date & Time Acquired ::	2018-10-01 10:38:18	DataFile Name :	007CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	162809	162633	164426	163289	0.61	cps
Antimony	121-1	684615	689397	688149	687387	0.36	cps
Arsenic	75-1	161731	159586	161395	160904	0.72	cps
Barium	135-1	903459	892855	893953	896756	0.65	cps
Barium	137-1	1535044	1542440	1535588	1537691	0.27	cps
Beryllium	9-1	267251	265622	265260	266044	0.40	cps
Bismuth	209-1	3892842	3920454	3910646	3907981	0.36	cps
Bismuth	209-2	2571126	2584593	2598584	2584768	0.53	cps
Boron	11-1	176190	175963	179994	177382	1.28	cps
Boron	10-1	39452	40630	42377	40820	3.60	cps
Cadmium	106-1	22135	22619	23061	22605	2.05	cps
Cadmium	108-1	14816	14846	14462	14708	1.45	cps
Cadmium	111-1	195188	198901	201173	198421	1.52	cps
Calcium	43-1	262165	262124	257700	260663	0.98	cps
Calcium	44-1	4028620	4014176	3999683	4014160	0.36	cps
Chromium	52-2	230360	228833	228458	229217	0.44	cps
Cobalt	59-2	352051	352310	354655	353006	0.41	cps
Copper	63-2	477862	481144	479101	479369	0.35	cps
Dysprosium	156-1	42	8	0	17	132.30	cps
Dysprosium	156-2	3	13	30	16	86.63	cps
Erbium	164-2	10	17	10	12	31.50	cps
Erbium	164-1	0	33	0	11	173.21	cps
Gadolinium	160-1	25	25	33	28	17.31	cps
Gadolinium	160-2	93	103	100	99	5.15	cps
Holmium	165-1	6179045	6124093	6178671	6160603	0.51	cps
Holmium	165-2	3568839	3546531	3616243	3577204	1.00	cps
Indium	115-1	4558058	4567624	4555165	4560282	0.14	cps
Indium	115-2	985039	993023	994888	990983	0.53	cps
Iron	56-2	9526383	9514916	9532144	9524481	0.09	cps
Iron	57-2	233854	234916	234872	234548	0.26	cps
Krypton	83-1	183	183	197	188	4.10	cps
Lead	206-1	602881	602765	607014	604220	0.40	cps
Lead	207-1	551836	553941	558528	554768	0.62	cps
Lead	208-1	2447804	2458020	2463059	2456294	0.32	cps
Lithium	6-1	2719446	2698231	2683760	2700479	0.66	cps
Magnesium	24-2	1884541	1870343	1877369	1877418	0.38	cps

LB Number :	LB98267	Operator :	Jaswal
Lab Sample ID :	S4	Instrumnet Name :	P7
Client Sample ID :	S4	Dilution Factor :	1
Date & Time Acquired ::	2018-10-01 10:38:18	DataFile Name :	007CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	278708	280926	280728	280121	0.44	cps
Molybdenum	94-1	1524695	1527761	1531304	1527920	0.22	cps
Molybdenum	95-1	1868794	1838602	1840140	1849178	0.92	cps
Molybdenum	96-1	2038229	2040947	2017594	2032257	0.63	cps
Molybdenum	97-1	1168220	1162706	1169516	1166814	0.31	cps
Molybdenum	98-1	2920279	2907787	2886481	2904849	0.59	cps
Neodymium	150-1	47	60	67	58	17.62	cps
Neodymium	150-2	0	3	13	6	124.93	cps
Nickel	60-2	91053	90292	91396	90914	0.62	cps
Phosphorus	31-2	9212	8745	8903	8953	2.65	cps
Potassium	39-2	834704	835657	835111	835157	0.06	cps
Rhodium	103-1	4272913	4230189	4207076	4236726	0.79	cps
Rhodium	103-2	2102982	2011073	2025279	2046444	2.42	cps
Scandium	45-1	3407264	3399550	3372302	3393039	0.54	cps
Scandium	45-2	145711	144842	145875	145476	0.38	cps
Selenium	77-2	733	703	640	692	6.88	cps
Selenium	78-2	2309	2293	2285	2296	0.54	cps
Selenium	82-1	14527	14689	14449	14555	0.84	cps
Silicon	28-1	719189	710973	712302	714155	0.62	cps
Silver	109-1	916597	920673	914624	917298	0.34	cps
Silver	107-1	949801	939809	958097	949236	0.96	cps
Sodium	23-2	3628640	3619778	3628542	3625653	0.14	cps
Strontium	86-1	246413	247097	245638	246383	0.30	cps
Strontium	88-1	2051120	2074024	2064921	2063355	0.56	cps
Sulfur	34-1	227003	225707	224550	225753	0.54	cps
Terbium	159-1	6480939	6466022	6433734	6460232	0.37	cps
Terbium	159-2	3564003	3578031	3614942	3585659	0.73	cps
Thallium	203-1	725763	726862	735487	729371	0.73	cps
Thallium	205-1	1701769	1712959	1717826	1710851	0.48	cps
Thorium	232-1	2601229	2601661	2599775	2600888	0.04	cps
Tin	118-1	600830	602450	600571	601284	0.17	cps
Titanium	47-1	569140	569516	568477	569044	0.09	cps
Uranium	238-1	2509460	2500442	2501206	2503703	0.20	cps
Vanadium	51-2	187508	186063	187420	186997	0.43	cps
Yttrium	89-1	5049556	5056355	5029458	5045123	0.28	cps
Yttrium	89-2	769148	775558	784385	776364	0.99	cps

LB Number :	LB98267	Operator :	Jaswal
Lab Sample ID :	S4	Instrumnet Name :	P7
Client Sample ID :	S4	Dilution Factor :	1
Date & Time Acquired ::	2018-10-01 10:38:18	DataFile Name :	007CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zinc	66-2	190317	191929	190615	190954	0.45	cps
Zirconium	90-1	1284751	1274818	1279115	1279561	0.39	cps
Zirconium	91-1	295175	294749	293320	294415	0.33	cps

LB Number :	LB98267	Operator :	Jaswal
Lab Sample ID :	S5	Instrumnet Name :	P7
Client Sample ID :	S5	Dilution Factor :	1
Date & Time Acquired ::	2018-10-01 10:42:09	DataFile Name :	008CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	311093	313317	311841	312084	0.36	cps
Antimony	121-1	1293521	1304186	1319392	1305700	1.00	cps
Arsenic	75-1	297762	299444	301073	299427	0.55	cps
Barium	135-1	1681155	1707862	1711813	1700276	0.98	cps
Barium	137-1	2937663	2952399	2980513	2956858	0.74	cps
Beryllium	9-1	494717	501516	500069	498767	0.72	cps
Bismuth	209-1	3816782	3897501	3880903	3865062	1.10	cps
Bismuth	209-2	2527818	2541443	2523468	2530909	0.37	cps
Boron	11-1	326963	337836	341456	335418	2.25	cps
Boron	10-1	75832	75372	78084	76429	1.90	cps
Cadmium	106-1	40701	40701	41394	40932	0.98	cps
Cadmium	108-1	27398	27920	28132	27817	1.36	cps
Cadmium	111-1	369245	372003	374891	372046	0.76	cps
Calcium	43-1	488713	490787	494843	491448	0.63	cps
Calcium	44-1	7680850	7630869	7677011	7662910	0.36	cps
Chromium	52-2	433707	440025	437116	436949	0.72	cps
Cobalt	59-2	668532	672952	672307	671264	0.36	cps
Copper	63-2	893938	901063	906381	900461	0.69	cps
Dysprosium	156-1	33	67	50	50	33.34	cps
Dysprosium	156-2	37	17	27	27	37.50	cps
Erbium	164-2	13	13	7	11	34.61	cps
Erbium	164-1	50	42	33	42	20.00	cps
Gadolinium	160-1	75	50	83	69	24.98	cps
Gadolinium	160-2	107	133	63	101	34.95	cps
Holmium	165-1	6122892	6169300	6161900	6151364	0.41	cps
Holmium	165-2	3550995	3555531	3557982	3554836	0.10	cps
Indium	115-1	4405917	4456113	4426497	4429509	0.57	cps
Indium	115-2	962116	968006	963292	964471	0.32	cps
Iron	56-2	18348677	18332074	18312875	18331209	0.10	cps
Iron	57-2	445756	449055	451125	448645	0.60	cps
Krypton	83-1	163	140	157	153	7.84	cps
Lead	206-1	1128220	1155452	1154522	1146065	1.35	cps
Lead	207-1	1053355	1074405	1076279	1068013	1.19	cps
Lead	208-1	4672149	4753882	4759692	4728574	1.04	cps
Lithium	6-1	2591038	2574846	2581963	2582616	0.31	cps
Magnesium	24-2	3632419	3644604	3632671	3636565	0.19	cps

LB Number :	LB98267	Operator :	Jaswal
Lab Sample ID :	S5	Instrumnet Name :	P7
Client Sample ID :	S5	Dilution Factor :	1
Date & Time Acquired ::	2018-10-01 10:42:09	DataFile Name :	008CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	536347	537457	535723	536509	0.16	cps
Molybdenum	94-1	2901709	2908274	2911177	2907054	0.17	cps
Molybdenum	95-1	3530229	3550511	3551832	3544191	0.34	cps
Molybdenum	96-1	3895411	3914339	3924953	3911568	0.38	cps
Molybdenum	97-1	2224064	2223819	2232187	2226690	0.21	cps
Molybdenum	98-1	5630847	5632977	5653235	5639020	0.22	cps
Neodymium	150-1	127	107	100	111	12.49	cps
Neodymium	150-2	7	23	13	14	58.06	cps
Nickel	60-2	173104	175172	173094	173790	0.69	cps
Phosphorus	31-2	17469	16860	17278	17202	1.81	cps
Potassium	39-2	1560071	1580989	1562988	1568016	0.72	cps
Rhodium	103-1	4071037	4119941	4087809	4092929	0.61	cps
Rhodium	103-2	2032078	2052227	2052164	2045489	0.57	cps
Scandium	45-1	3269752	3256036	3269648	3265145	0.24	cps
Scandium	45-2	140811	141689	141542	141347	0.33	cps
Selenium	77-2	1230	1383	1220	1278	7.16	cps
Selenium	78-2	4232	4323	4308	4288	1.14	cps
Selenium	82-1	27529	27769	27562	27620	0.47	cps
Silicon	28-1	1193512	1196010	1196696	1195406	0.14	cps
Silver	109-1	1682277	1697652	1714910	1698280	0.96	cps
Silver	107-1	1731206	1756111	1780491	1755936	1.40	cps
Sodium	23-2	7001083	6969584	6980413	6983693	0.23	cps
Strontium	86-1	464068	474453	473980	470834	1.25	cps
Strontium	88-1	3973708	4000857	3966344	3980303	0.46	cps
Sulfur	34-1	293606	299018	294311	295645	1.00	cps
Terbium	159-1	6416363	6422247	6426856	6421822	0.08	cps
Terbium	159-2	3532374	3541992	3554641	3543002	0.32	cps
Thallium	203-1	1384713	1413362	1428378	1408818	1.57	cps
Thallium	205-1	3299342	3325637	3353464	3326148	0.81	cps
Thorium	232-1	5174342	5200243	5239780	5204788	0.63	cps
Tin	118-1	1143331	1146782	1169646	1153253	1.24	cps
Titanium	47-1	1059015	1079900	1076070	1071661	1.04	cps
Uranium	238-1	4976673	5011765	5037241	5008560	0.61	cps
Vanadium	51-2	359716	361274	360499	360496	0.22	cps
Yttrium	89-1	4924989	4912554	4904546	4914030	0.21	cps
Yttrium	89-2	753785	757991	758496	756757	0.34	cps

LB Number :	LB98267	Operator :	Jaswal
Lab Sample ID :	S5	Instrumnet Name :	P7
Client Sample ID :	S5	Dilution Factor :	1
Date & Time Acquired ::	2018-10-01 10:42:09	DataFile Name :	008CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zinc	66-2	272125	273264	273906	273098	0.33	cps
Zirconium	90-1	2470916	2479165	2489057	2479713	0.37	cps
Zirconium	91-1	547889	550531	555886	551435	0.74	cps

LB Number :	LB98267	Operator :	Jaswal
Lab Sample ID :	S6	Instrumnet Name :	P7
Client Sample ID :	S6	Dilution Factor :	1
Date & Time Acquired ::	2018-10-01 10:45:57	DataFile Name :	009CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	606915	610666	613187	610256	0.52	cps
Antimony	121-1	2517263	2569869	2562090	2549741	1.11	cps
Arsenic	75-1	570686	577534	574037	574086	0.60	cps
Barium	135-1	3330508	3405967	3388030	3374835	1.17	cps
Barium	137-1	5766202	5847064	5852698	5821988	0.83	cps
Beryllium	9-1	918312	926140	922920	922457	0.43	cps
Bismuth	209-1	4259635	3722855	3917800	3966763	6.85	cps
Bismuth	209-2	2509938	2521863	2498748	2510183	0.46	cps
Boron	11-1	621560	641475	645109	636048	1.99	cps
Boron	10-1	142289	147175	146166	145210	1.78	cps
Cadmium	106-1	76791	74923	77177	76297	1.58	cps
Cadmium	108-1	51795	52614	51761	52057	0.93	cps
Cadmium	111-1	684017	696137	699693	693282	1.19	cps
Calcium	43-1	935240	946522	957552	946438	1.18	cps
Calcium	44-1	14833629	15051727	15116493	15000616	0.99	cps
Chromium	52-2	849937	861797	863416	858383	0.86	cps
Cobalt	59-2	1285041	1289797	1294577	1289805	0.37	cps
Copper	63-2	1691536	1730640	1726241	1716139	1.25	cps
Dysprosium	156-1	83	75	67	75	11.11	cps
Dysprosium	156-2	63	53	23	47	44.61	cps
Erbium	164-2	20	27	27	24	15.75	cps
Erbium	164-1	33	25	50	36	35.25	cps
Gadolinium	160-1	67	67	67	67	0.00	cps
Gadolinium	160-2	70	140	103	104	33.52	cps
Holmium	165-1	6896033	6066807	6384732	6449191	6.49	cps
Holmium	165-2	3599128	3597568	3586678	3594458	0.19	cps
Indium	115-1	4958034	4316918	4545972	4606975	7.05	cps
Indium	115-2	957735	972696	975578	968670	0.99	cps
Iron	56-2	35861026	35864644	36002772	35909480	0.23	cps
Iron	57-2	863556	876012	876635	872068	0.85	cps
Krypton	83-1	160	140	193	164	16.39	cps
Lead	206-1	2235544	2265826	2268424	2256598	0.81	cps
Lead	207-1	2044295	2090713	2083448	2072819	1.20	cps
Lead	208-1	9150415	9328053	9259845	9246104	0.97	cps
Lithium	6-1	2807050	2496493	2580579	2628041	6.11	cps
Magnesium	24-2	7122098	7112546	7094677	7109774	0.20	cps

LB Number :	LB98267	Operator :	Jaswal
Lab Sample ID :	S6	Instrumnet Name :	P7
Client Sample ID :	S6	Dilution Factor :	1
Date & Time Acquired ::	2018-10-01 10:45:57	DataFile Name :	009CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	1033905	1048777	1051324	1044668	0.90	cps
Molybdenum	94-1	5657717	5790962	5734517	5727732	1.17	cps
Molybdenum	95-1	6889798	7081201	6999444	6990147	1.37	cps
Molybdenum	96-1	7627313	7794161	7701945	7707807	1.08	cps
Molybdenum	97-1	4371922	4434568	4430153	4412214	0.79	cps
Molybdenum	98-1	11066429	11133456	11174428	11124771	0.49	cps
Neodymium	150-1	220	227	167	204	16.09	cps
Neodymium	150-2	20	10	30	20	50.00	cps
Nickel	60-2	331788	338797	337604	336063	1.12	cps
Phosphorus	31-2	32495	32595	32979	32690	0.78	cps
Potassium	39-2	3113897	3115175	3097333	3108802	0.32	cps
Rhodium	103-1	4541302	3929437	4131860	4200866	7.42	cps
Rhodium	103-2	2030595	2052263	2044353	2042403	0.54	cps
Scandium	45-1	3731500	3229097	3332521	3431039	7.73	cps
Scandium	45-2	142373	143267	142982	142874	0.32	cps
Selenium	77-2	2550	2497	2487	2511	1.36	cps
Selenium	78-2	8289	8454	8286	8343	1.15	cps
Selenium	82-1	52011	53302	53064	52793	1.30	cps
Silicon	28-1	2414017	2460556	2462477	2445683	1.12	cps
Silver	109-1	3283773	3298105	3294275	3292051	0.23	cps
Silver	107-1	3406076	3443786	3447036	3432299	0.66	cps
Sodium	23-2	13696157	13736342	13679250	13703916	0.21	cps
Strontium	86-1	897092	924887	927608	916529	1.84	cps
Strontium	88-1	7771846	7890117	7860588	7840850	0.79	cps
Sulfur	34-1	437795	442894	443233	441307	0.69	cps
Terbium	159-1	7260599	6358724	6647134	6755486	6.82	cps
Terbium	159-2	3576247	3599109	3579610	3584988	0.34	cps
Thallium	203-1	2800922	2821628	2807817	2810122	0.38	cps
Thallium	205-1	6482426	6490867	6542668	6505321	0.50	cps
Thorium	232-1	10177532	10270077	10298232	10248614	0.62	cps
Tin	118-1	2246699	2290877	2281186	2272921	1.02	cps
Titanium	47-1	2035997	2064066	2073175	2057746	0.94	cps
Uranium	238-1	9921371	9882368	9936344	9913361	0.28	cps
Vanadium	51-2	703721	710918	708318	707652	0.52	cps
Yttrium	89-1	5553809	4811173	5070903	5145295	7.32	cps
Yttrium	89-2	764488	780182	779974	774881	1.16	cps

LB Number :	LB98267	Operator :	Jaswal
Lab Sample ID :	S6	Instrumnet Name :	P7
Client Sample ID :	S6	Dilution Factor :	1
Date & Time Acquired ::	2018-10-01 10:45:57	DataFile Name :	009CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zinc	66-2	369769	375485	376425	373893	0.96	cps
Zirconium	90-1	4862514	4883361	4900490	4882122	0.39	cps
Zirconium	91-1	1056215	1070441	1077416	1068024	1.01	cps

LB Number :	LB98267	Operator :	Jaswal
Lab Sample ID :	S7	Instrumnet Name :	P7
Client Sample ID :	S7	Dilution Factor :	1
Date & Time Acquired ::	2018-10-01 10:49:43	DataFile Name :	010CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	1229741	1227142	1245869	1234250	0.82	cps
Antimony	121-1	5065870	5112826	5116275	5098324	0.55	cps
Arsenic	75-1	1102403	1125539	1137501	1121814	1.59	cps
Barium	135-1	6760113	6758369	6831453	6783312	0.61	cps
Barium	137-1	11652342	11693115	11755433	11700297	0.44	cps
Beryllium	9-1	1757462	1765969	1783861	1769097	0.76	cps
Bismuth	209-1	3727625	3755844	3761012	3748160	0.48	cps
Bismuth	209-2	2461198	2453655	2449906	2454920	0.23	cps
Boron	11-1	1243983	1268075	1300294	1270784	2.22	cps
Boron	10-1	280961	287807	295178	287982	2.47	cps
Cadmium	106-1	144320	147038	149176	146844	1.66	cps
Cadmium	108-1	99144	101804	103042	101330	1.97	cps
Cadmium	111-1	1322000	1341259	1359659	1340973	1.40	cps
Calcium	43-1	1863128	1888080	1895006	1882071	0.89	cps
Calcium	44-1	30076347	30361681	30514127	30317385	0.73	cps
Chromium	52-2	1703940	1722745	1733734	1720139	0.88	cps
Cobalt	59-2	2579881	2582443	2596089	2586138	0.34	cps
Copper	63-2	3456760	3455863	3489225	3467283	0.55	cps
Dysprosium	156-1	108	83	92	94	13.48	cps
Dysprosium	156-2	147	77	100	108	33.07	cps
Erbium	164-2	20	17	7	14	48.02	cps
Erbium	164-1	75	8	25	36	96.08	cps
Gadolinium	160-1	75	42	75	64	30.12	cps
Gadolinium	160-2	107	117	127	117	8.57	cps
Holmium	165-1	6260889	6336131	6286072	6294364	0.61	cps
Holmium	165-2	3621154	3621522	3626864	3623180	0.09	cps
Indium	115-1	4329997	4387783	4390564	4369448	0.78	cps
Indium	115-2	949664	964408	975401	963157	1.34	cps
Iron	56-2	72045793	72458377	73087552	72530574	0.72	cps
Iron	57-2	1745963	1768924	1784499	1766462	1.10	cps
Krypton	83-1	153	197	143	164	17.24	cps
Lead	206-1	4480346	4440732	4468625	4463234	0.46	cps
Lead	207-1	4099392	4063977	4111653	4091674	0.61	cps
Lead	208-1	18286863	18192936	18339340	18273046	0.41	cps
Lithium	6-1	2510663	2542283	2538352	2530433	0.68	cps
Magnesium	24-2	14570235	14553845	14604068	14576049	0.18	cps

LB Number :	LB98267	Operator :	Jaswal
Lab Sample ID :	S7	Instrumnet Name :	P7
Client Sample ID :	S7	Dilution Factor :	1
Date & Time Acquired ::	2018-10-01 10:49:43	DataFile Name :	010CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	2049871	2068527	2098715	2072371	1.19	cps
Molybdenum	94-1	11623384	11539165	11736034	11632861	0.85	cps
Molybdenum	95-1	14118060	14180146	14218003	14172070	0.36	cps
Molybdenum	96-1	15545844	15644425	15631844	15607371	0.34	cps
Molybdenum	97-1	8876648	8902858	8913377	8897627	0.21	cps
Molybdenum	98-1	22338824	22357298	22461083	22385735	0.29	cps
Neodymium	150-1	400	340	313	351	12.64	cps
Neodymium	150-2	43	43	60	49	19.69	cps
Nickel	60-2	657073	664526	670783	664127	1.03	cps
Phosphorus	31-2	68282	68750	68692	68575	0.37	cps
Potassium	39-2	6420375	6377463	6471613	6423150	0.73	cps
Rhodium	103-1	3953473	4003162	4024322	3993652	0.91	cps
Rhodium	103-2	2035695	2055032	2071532	2054087	0.87	cps
Scandium	45-1	3275647	3345651	3356668	3325989	1.32	cps
Scandium	45-2	148916	148942	151785	149881	1.10	cps
Selenium	77-2	4951	5054	5048	5018	1.15	cps
Selenium	78-2	16749	16713	16795	16752	0.24	cps
Selenium	82-1	101486	103129	103656	102757	1.10	cps
Silicon	28-1	4676922	4745243	4778497	4733554	1.09	cps
Silver	109-1	6296348	6288479	6326075	6303634	0.31	cps
Silver	107-1	6502074	6615942	6587764	6568593	0.90	cps
Sodium	23-2	28360194	28206729	28596934	28387952	0.69	cps
Strontium	86-1	1793212	1816921	1820114	1810082	0.81	cps
Strontium	88-1	15823566	15942141	15858549	15874752	0.38	cps
Sulfur	34-1	753869	766262	767690	762607	1.00	cps
Terbium	159-1	6520483	6573840	6608602	6567642	0.68	cps
Terbium	159-2	3631222	3614726	3622247	3622732	0.23	cps
Thallium	203-1	5619799	5627835	5606049	5617894	0.20	cps
Thallium	205-1	12914239	12838538	12851268	12868015	0.32	cps
Thorium	232-1	20673284	20626004	20705687	20668325	0.19	cps
Tin	118-1	4536731	4547133	4565909	4549924	0.33	cps
Titanium	47-1	4275927	4320370	4349183	4315160	0.86	cps
Uranium	238-1	19761232	19732078	19803760	19765690	0.18	cps
Vanadium	51-2	1422648	1433273	1448787	1434903	0.92	cps
Yttrium	89-1	4967192	5033350	5047326	5015956	0.85	cps
Yttrium	89-2	787887	788635	797853	791458	0.70	cps

LB Number :	LB98267	Operator :	Jaswal
Lab Sample ID :	S7	Instrumnet Name :	P7
Client Sample ID :	S7	Dilution Factor :	1
Date & Time Acquired ::	2018-10-01 10:49:43	DataFile Name :	010CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zinc	66-2	553886	558674	570859	561140	1.56	cps
Zirconium	90-1	9930760	9906473	9952522	9929918	0.23	cps
Zirconium	91-1	2199790	2188056	2211943	2199929	0.54	cps

LB Number :	LB98267	Operator :	Jaswal
Lab Sample ID :	S8	Instrumnet Name :	P7
Client Sample ID :	S8	Dilution Factor :	1
Date & Time Acquired ::	2018-10-01 10:53:30	DataFile Name :	011CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	7053592	7148915	7296955	7166487	1.71	cps
Antimony	121-1	16310	16861	16969	16713	2.11	cps
Arsenic	75-1	1540	1366	1527	1478	6.56	cps
Barium	135-1	2825	2684	2959	2823	4.87	cps
Barium	137-1	4684	5251	5043	4993	5.74	cps
Beryllium	9-1	494	478	561	511	8.63	cps
Bismuth	209-1	3189816	3182089	3190539	3187481	0.15	cps
Bismuth	209-2	2113125	2094017	2122391	2109844	0.69	cps
Boron	11-1	87302	80707	73990	80666	8.25	cps
Boron	10-1	19513	18670	16601	18262	8.21	cps
Cadmium	106-1	1508	1742	1717	1656	7.74	cps
Cadmium	108-1	71	54	25	50	46.40	cps
Cadmium	111-1	1394	1627	1651	1557	9.12	cps
Calcium	43-1	10298802	10405772	10549333	10417969	1.21	cps
Calcium	44-1	163560045	164921108	167094875	165192009	1.08	cps
Chromium	52-2	87169	88661	90432	88754	1.84	cps
Cobalt	59-2	35413	35520	36629	35854	1.88	cps
Copper	63-2	9583	9730	9720	9678	0.85	cps
Dysprosium	156-1	83	92	17	64	64.34	cps
Dysprosium	156-2	37	73	33	48	46.46	cps
Erbium	164-2	37	33	23	31	22.31	cps
Erbium	164-1	17	17	17	17	0.00	cps
Gadolinium	160-1	108	75	92	92	18.18	cps
Gadolinium	160-2	107	127	117	117	8.57	cps
Holmium	165-1	5892306	5908727	5977463	5926165	0.76	cps
Holmium	165-2	3450503	3422328	3480324	3451052	0.84	cps
Indium	115-1	4184470	4225068	4231269	4213603	0.60	cps
Indium	115-2	930915	934782	953288	939662	1.27	cps
Iron	56-2	388712775	388774309	393714475	390400520	0.74	cps
Iron	57-2	9209421	9308780	9430878	9316360	1.19	cps
Krypton	83-1	157	240	217	204	21.03	cps
Lead	206-1	5084	4790	5140	5005	3.76	cps
Lead	207-1	4256	4340	4390	4329	1.56	cps
Lead	208-1	19356	19756	20090	19734	1.86	cps
Lithium	6-1	2500780	2555785	2595705	2550756	1.87	cps
Magnesium	24-2	80437481	81420758	82734546	81530928	1.41	cps

LB Number :	LB98267	Operator :	Jaswal
Lab Sample ID :	S8	Instrumnet Name :	P7
Client Sample ID :	S8	Dilution Factor :	1
Date & Time Acquired ::	2018-10-01 10:53:30	DataFile Name :	011CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	15188	14798	15418	15135	2.07	cps
Molybdenum	94-1	15776	16143	16443	16121	2.07	cps
Molybdenum	95-1	26668	26425	26476	26523	0.48	cps
Molybdenum	96-1	32421	34000	34183	33535	2.89	cps
Molybdenum	97-1	15801	15659	16485	15982	2.76	cps
Molybdenum	98-1	40767	40968	41946	41227	1.53	cps
Neodymium	150-1	47	87	73	69	29.56	cps
Neodymium	150-2	17	33	43	31	43.29	cps
Nickel	60-2	24925	25729	25699	25451	1.79	cps
Phosphorus	31-2	233	150	225	203	22.63	cps
Potassium	39-2	36617659	36784415	37462136	36954737	1.21	cps
Rhodium	103-1	3650306	3662983	3726570	3679953	1.11	cps
Rhodium	103-2	1835305	1844296	1888299	1855967	1.53	cps
Scandium	45-1	3352852	3386697	3426470	3388673	1.09	cps
Scandium	45-2	157685	159194	162332	159737	1.48	cps
Selenium	77-2	0	0	0	0	0.00	cps
Selenium	78-2	48	39	35	41	16.39	cps
Selenium	82-1	103	69	106	92	22.23	cps
Silicon	28-1	313778	318357	322661	318265	1.40	cps
Silver	109-1	1208	1142	1292	1214	6.19	cps
Silver	107-1	1058	1250	1308	1206	10.85	cps
Sodium	23-2	158914537	160472524	162182804	160523288	1.02	cps
Strontium	86-1	8937	8953	9654	9181	4.46	cps
Strontium	88-1	76328	77744	76470	76847	1.01	cps
Sulfur	34-1	120240	126265	129443	125316	3.73	cps
Terbium	159-1	6167383	6206442	6237719	6203848	0.57	cps
Terbium	159-2	3455843	3445061	3475738	3458881	0.45	cps
Thallium	203-1	2892	2492	2575	2653	7.96	cps
Thallium	205-1	6419	6385	6569	6457	1.51	cps
Thorium	232-1	4896	5012	5457	5122	5.78	cps
Tin	118-1	6969	6535	6527	6677	3.79	cps
Titanium	47-1	2326	2017	1900	2081	10.57	cps
Uranium	238-1	4484	4826	5101	4804	6.43	cps
Vanadium	51-2	1157	1097	1040	1098	5.31	cps
Yttrium	89-1	4856271	4914396	4959471	4910046	1.05	cps
Yttrium	89-2	785301	788337	806855	793498	1.47	cps

LB Number :	LB98267	Operator :	Jaswal
Lab Sample ID :	S8	Instrumnet Name :	P7
Client Sample ID :	S8	Dilution Factor :	1
Date & Time Acquired ::	2018-10-01 10:53:30	DataFile Name :	011CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zinc	66-2	104776	105947	107005	105909	1.05	cps
Zirconium	90-1	2600	3175	3226	3000	11.58	cps
Zirconium	91-1	692	683	525	633	14.83	cps

LB Number : LB98267 Operator : Jaswal
 Lab Sample ID : ICV01 Instrumnet Name : P7
 Client Sample ID : ICV01 Dilution Factor : 1
 Date & Time Acquired :: 2018-10-01 10:57:22 DataFile Name : 012ICV01.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	38767	37331	36763	37620	2.75	cps
Antimony	121-1	1120612	1128190	1123404	1124069	0.34	cps
Arsenic	75-1	278446	273944	284213	278867	1.85	cps
Barium	135-1	155299	155326	153640	154755	0.62	cps
Barium	137-1	268017	268821	269271	268703	0.24	cps
Beryllium	9-1	237654	234168	234866	235563	0.78	cps
Bismuth	209-1	4278270	4237878	4257711	4257953	0.47	cps
Bismuth	209-2	2401502	2635769	2757775	2598349	6.97	cps
Boron	11-1	37314	33547	34950	35270	5.40	cps
Boron	10-1	8394	8119	7552	8022	5.35	cps
Cadmium	106-1	16502	16994	16810	16769	1.48	cps
Cadmium	108-1	11392	11313	10679	11128	3.51	cps
Cadmium	111-1	166868	166999	169768	167878	0.98	cps
Calcium	43-1	47519	47536	49074	48043	1.86	cps
Calcium	44-1	767345	771829	767821	768998	0.32	cps
Chromium	52-2	209975	211902	209847	210575	0.55	cps
Cobalt	59-2	327471	327894	328675	328014	0.19	cps
Copper	63-2	222539	222807	224975	223440	0.60	cps
Dysprosium	156-1	0	0	17	6	173.21	cps
Dysprosium	156-2	0	10	3	4	114.60	cps
Erbium	164-2	20	37	27	28	30.20	cps
Erbium	164-1	25	42	50	39	32.73	cps
Gadolinium	160-1	58	33	75	56	37.75	cps
Gadolinium	160-2	63	103	73	80	26.03	cps
Holmium	165-1	6780870	6673014	6670827	6708237	0.94	cps
Holmium	165-2	3326247	3600417	3800338	3575667	6.66	cps
Indium	115-1	5227810	5254183	5244923	5242305	0.26	cps
Indium	115-2	960119	1045119	1100719	1035319	6.84	cps
Iron	56-2	1767064	1768329	1755982	1763792	0.39	cps
Iron	57-2	46084	45337	45621	45681	0.82	cps
Krypton	83-1	160	210	217	196	15.84	cps
Lead	206-1	966268	964660	969524	966817	0.26	cps
Lead	207-1	876844	869423	873141	873136	0.42	cps
Lead	208-1	3954810	3926925	3946381	3942705	0.36	cps
Lithium	6-1	3160559	3159545	3164112	3161405	0.08	cps
Magnesium	24-2	225157	221833	220963	222651	0.99	cps

LB Number :	LB98267	Operator :	Jaswal
Lab Sample ID :	ICV01	Instrumnet Name :	P7
Client Sample ID :	ICV01	Dilution Factor :	1
Date & Time Acquired ::	2018-10-01 10:57:22	DataFile Name :	012ICV01.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	127819	126027	126458	126768	0.74	cps
Molybdenum	94-1	975	917	783	892	11.02	cps
Molybdenum	95-1	917	1117	842	958	14.83	cps
Molybdenum	96-1	1092	958	925	992	8.89	cps
Molybdenum	97-1	617	567	467	550	13.89	cps
Molybdenum	98-1	1375	1683	1450	1503	10.70	cps
Neodymium	150-1	0	7	20	9	114.55	cps
Neodymium	150-2	0	3	3	2	86.60	cps
Nickel	60-2	85102	86077	84967	85382	0.71	cps
Phosphorus	31-2	125	275	308	236	41.36	cps
Potassium	39-2	329438	327204	326043	327562	0.53	cps
Rhodium	103-1	4927736	4920990	4913222	4920649	0.15	cps
Rhodium	103-2	2022979	2184059	2290133	2165724	6.21	cps
Scandium	45-1	4027029	3992962	4004181	4008057	0.43	cps
Scandium	45-2	150889	163109	173728	162575	7.03	cps
Selenium	77-2	1300	1207	1190	1232	4.81	cps
Selenium	78-2	4162	4397	4158	4239	3.23	cps
Selenium	82-1	25961	25864	26236	26020	0.74	cps
Silicon	28-1	180719	175308	178181	178070	1.52	cps
Silver	109-1	759495	763387	762986	761956	0.28	cps
Silver	107-1	787913	797688	793573	793058	0.62	cps
Sodium	23-2	723577	710687	710034	714766	1.07	cps
Strontium	86-1	5401	4976	5351	5243	4.43	cps
Strontium	88-1	43249	42146	43985	43127	2.15	cps
Sulfur	34-1	142189	141457	139539	141062	0.97	cps
Terbium	159-1	7103790	7087978	7091368	7094379	0.12	cps
Terbium	159-2	3349023	3645700	3816885	3603870	6.57	cps
Thallium	203-1	1198560	1193636	1190876	1194357	0.33	cps
Thallium	205-1	2832157	2821319	2796597	2816691	0.65	cps
Thorium	232-1	1422	1561	1528	1504	4.82	cps
Tin	118-1	1117	1142	1233	1164	5.28	cps
Titanium	47-1	175	192	167	178	7.16	cps
Uranium	238-1	11076407	11007179	11048237	11043941	0.32	cps
Vanadium	51-2	170549	174717	172731	172666	1.21	cps
Yttrium	89-1	5756262	5794857	5795770	5782296	0.39	cps
Yttrium	89-2	768224	835778	880855	828286	6.84	cps

LB Number :	LB98267	Operator :	Jaswal
Lab Sample ID :	ICV01	Instrumnet Name :	P7
Client Sample ID :	ICV01	Dilution Factor :	1
Date & Time Acquired ::	2018-10-01 10:57:22	DataFile Name :	012ICV01.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zinc	66-2	68252	68506	69096	68618	0.63	cps
Zirconium	90-1	950	783	950	895	10.76	cps
Zirconium	91-1	275	342	250	289	16.40	cps

LB Number :	LB98267	Operator :	Jaswal
Lab Sample ID :	LLICV01	Instrumnet Name :	P7
Client Sample ID :	LLICV01	Dilution Factor :	1
Date & Time Acquired ::	2018-10-01 11:00:56	DataFile Name :	013LLIC.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	1709	1683	1675	1689	1.03	cps
Antimony	121-1	12139	11705	12298	12047	2.55	cps
Arsenic	75-1	814	957	1142	971	16.93	cps
Barium	135-1	14533	14450	14792	14591	1.22	cps
Barium	137-1	25816	25324	25775	25638	1.07	cps
Beryllium	9-1	2467	2217	2450	2378	5.88	cps
Bismuth	209-1	4220339	4248606	4262414	4243786	0.51	cps
Bismuth	209-2	2826197	2820944	2831767	2826302	0.19	cps
Boron	11-1	56004	55603	55453	55686	0.51	cps
Boron	10-1	12514	13048	13031	12864	2.36	cps
Cadmium	106-1	2050	2159	1942	2050	5.29	cps
Cadmium	108-1	142	133	146	140	4.54	cps
Cadmium	111-1	2932	3051	2832	2938	3.73	cps
Calcium	43-1	11421	11105	11013	11180	1.92	cps
Calcium	44-1	185416	183255	182437	183703	0.84	cps
Chromium	52-2	4671	4838	4758	4755	1.75	cps
Cobalt	59-2	3394	3314	3290	3333	1.63	cps
Copper	63-2	5138	5084	5264	5162	1.79	cps
Dysprosium	156-1	0	8	8	6	86.60	cps
Dysprosium	156-2	7	0	3	3	100.05	cps
Erbium	164-2	13	20	17	17	20.01	cps
Erbium	164-1	67	42	25	44	47.19	cps
Gadolinium	160-1	58	33	17	36	58.08	cps
Gadolinium	160-2	113	107	73	98	21.92	cps
Holmium	165-1	6629710	6699661	6682498	6670623	0.55	cps
Holmium	165-2	3888062	3883144	3898604	3889937	0.20	cps
Indium	115-1	5204218	5183243	5214145	5200535	0.30	cps
Indium	115-2	1089494	1096090	1099754	1095113	0.47	cps
Iron	56-2	95990	97309	97667	96989	0.91	cps
Iron	57-2	2328	2467	2389	2395	2.91	cps
Krypton	83-1	173	203	177	184	8.92	cps
Lead	206-1	5090	5207	5018	5105	1.87	cps
Lead	207-1	4540	4618	4918	4692	4.25	cps
Lead	208-1	20740	20690	21024	20818	0.86	cps
Lithium	6-1	3150543	3173889	3150515	3158316	0.43	cps
Magnesium	24-2	89165	89525	89433	89374	0.21	cps

LB Number :	LB98267	Operator :	Jaswal
Lab Sample ID :	LLICV01	Instrumnet Name :	P7
Client Sample ID :	LLICV01	Dilution Factor :	1
Date & Time Acquired ::	2018-10-01 11:00:56	DataFile Name :	013LLIC.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	1240	1343	1413	1332	6.55	cps
Molybdenum	94-1	13465	13465	13824	13585	1.52	cps
Molybdenum	95-1	15984	16593	16493	16357	2.00	cps
Molybdenum	96-1	17995	18079	17828	17967	0.71	cps
Molybdenum	97-1	10196	9462	9962	9873	3.80	cps
Molybdenum	98-1	26292	25766	25975	26011	1.02	cps
Neodymium	150-1	0	7	0	2	173.21	cps
Neodymium	150-2	0	0	0	0	0.00	cps
Nickel	60-2	983	940	897	940	4.61	cps
Phosphorus	31-2	167	200	150	172	14.78	cps
Potassium	39-2	84867	85177	85855	85300	0.59	cps
Rhodium	103-1	4954755	4925549	4938550	4939618	0.30	cps
Rhodium	103-2	2355531	2338853	2359176	2351186	0.46	cps
Scandium	45-1	3993618	3979452	4021252	3998108	0.53	cps
Scandium	45-2	173377	173341	175113	173944	0.58	cps
Selenium	77-2	40	37	23	33	26.47	cps
Selenium	78-2	128	167	117	137	19.16	cps
Selenium	82-1	653	604	649	635	4.27	cps
Silicon	28-1	233019	233648	233554	233407	0.15	cps
Silver	109-1	7636	8136	7711	7827	3.45	cps
Silver	107-1	8086	8144	7727	7986	2.83	cps
Sodium	23-2	184949	183921	186123	184998	0.60	cps
Strontium	86-1	2667	2492	2475	2545	4.17	cps
Strontium	88-1	18262	18654	18387	18435	1.09	cps
Sulfur	34-1	136824	136730	136032	136529	0.32	cps
Terbium	159-1	7018286	7014932	7038137	7023785	0.18	cps
Terbium	159-2	3899507	3902126	3898756	3900130	0.05	cps
Thallium	203-1	6635	6852	6152	6546	5.48	cps
Thallium	205-1	15093	15284	14984	15120	1.01	cps
Thorium	232-1	20789	22008	21257	21351	2.88	cps
Tin	118-1	25107	25891	25424	25474	1.55	cps
Titanium	47-1	4834	5360	5151	5115	5.17	cps
Uranium	238-1	21093	20759	20968	20940	0.81	cps
Vanadium	51-2	8329	8406	8549	8428	1.33	cps
Yttrium	89-1	5780966	5775175	5758238	5771460	0.20	cps
Yttrium	89-2	879026	878405	884632	880688	0.39	cps

LB Number :	LB98267	Operator :	Jaswal
Lab Sample ID :	LLICV01	Instrumnet Name :	P7
Client Sample ID :	LLICV01	Dilution Factor :	1
Date & Time Acquired ::	2018-10-01 11:00:56	DataFile Name :	013LLIC.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zinc	66-2	1140	1073	987	1067	7.21	cps
Zirconium	90-1	12231	11564	11780	11858	2.87	cps
Zirconium	91-1	2675	2642	2517	2611	3.20	cps

LB Number : LB98267 Operator : Jaswal
 Lab Sample ID : ICB01 Instrumnet Name : P7
 Client Sample ID : ICB01 Dilution Factor : 1
 Date & Time Acquired :: 2018-10-01 11:04:31 DataFile Name : 014CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	150	108	175	144	23.32	cps
Antimony	121-1	233	350	275	286	20.66	cps
Arsenic	75-1	-130	-412	-320	-287	-50.10	cps
Barium	135-1	25	50	8	28	75.51	cps
Barium	137-1	75	100	75	83	17.32	cps
Beryllium	9-1	106	72	122	100	25.46	cps
Bismuth	209-1	4174857	4186542	4227532	4196310	0.66	cps
Bismuth	209-2	2846516	2865896	2884927	2865780	0.67	cps
Boron	11-1	17920	17369	17920	17736	1.79	cps
Boron	10-1	4042	4001	3651	3898	5.52	cps
Cadmium	106-1	1892	1725	1834	1817	4.66	cps
Cadmium	108-1	4	4	13	7	69.23	cps
Cadmium	111-1	1363	1213	1300	1292	5.83	cps
Calcium	43-1	208	258	292	253	16.59	cps
Calcium	44-1	6785	6969	6760	6838	1.66	cps
Chromium	52-2	333	413	353	367	11.36	cps
Cobalt	59-2	27	70	43	47	46.84	cps
Copper	63-2	813	777	773	788	2.82	cps
Dysprosium	156-1	0	0	8	3	173.21	cps
Dysprosium	156-2	7	3	3	4	43.40	cps
Erbium	164-2	10	10	10	10	0.00	cps
Erbium	164-1	33	17	42	31	41.66	cps
Gadolinium	160-1	25	8	33	22	57.29	cps
Gadolinium	160-2	127	97	107	110	13.89	cps
Holmium	165-1	6602157	6665908	6658957	6642340	0.53	cps
Holmium	165-2	3893951	3935022	3975748	3934907	1.04	cps
Indium	115-1	5121992	5163426	5219089	5168169	0.94	cps
Indium	115-2	1100214	1109059	1118258	1109177	0.81	cps
Iron	56-2	6279	6185	5968	6144	2.60	cps
Iron	57-2	161	161	272	198	32.37	cps
Krypton	83-1	170	173	177	173	1.92	cps
Lead	206-1	300	217	267	261	16.06	cps
Lead	207-1	239	217	194	217	10.26	cps
Lead	208-1	1067	1150	1083	1100	4.01	cps
Lithium	6-1	3132404	3147753	3145338	3141832	0.26	cps
Magnesium	24-2	967	775	850	864	11.18	cps

LB Number :	LB98267	Operator :	Jaswal
Lab Sample ID :	ICB01	Instrumnet Name :	P7
Client Sample ID :	ICB01	Dilution Factor :	1
Date & Time Acquired ::	2018-10-01 11:04:31	DataFile Name :	014CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	20	23	27	23	14.29	cps
Molybdenum	94-1	308	300	258	289	9.27	cps
Molybdenum	95-1	142	225	242	203	26.42	cps
Molybdenum	96-1	225	192	167	194	15.05	cps
Molybdenum	97-1	100	133	133	122	15.74	cps
Molybdenum	98-1	317	258	283	286	10.23	cps
Neodymium	150-1	0	0	0	0	0.00	cps
Neodymium	150-2	0	0	3	1	173.21	cps
Nickel	60-2	53	30	23	36	44.31	cps
Phosphorus	31-2	108	158	117	128	20.96	cps
Potassium	39-2	8111	8411	8136	8219	2.03	cps
Rhodium	103-1	4857817	4919984	4938249	4905350	0.86	cps
Rhodium	103-2	2399308	2399069	2418133	2405503	0.45	cps
Scandium	45-1	3952528	3985559	3989313	3975800	0.51	cps
Scandium	45-2	176028	178267	177758	177351	0.66	cps
Selenium	77-2	0	0	0	0	0.00	cps
Selenium	78-2	33	33	28	31	10.18	cps
Selenium	82-1	3	41	36	27	78.14	cps
Silicon	28-1	163037	162507	164562	163369	0.65	cps
Silver	109-1	142	150	100	131	20.52	cps
Silver	107-1	117	92	158	122	27.56	cps
Sodium	23-2	12139	12114	12939	12397	3.79	cps
Strontium	86-1	308	292	350	317	9.49	cps
Strontium	88-1	442	492	358	431	15.65	cps
Sulfur	34-1	136908	137537	139783	138076	1.09	cps
Terbium	159-1	6865779	6940477	7047969	6951409	1.32	cps
Terbium	159-2	3924076	3947024	4009682	3960261	1.12	cps
Thallium	203-1	342	358	233	311	21.82	cps
Thallium	205-1	758	833	850	814	6.00	cps
Thorium	232-1	1106	1089	1045	1080	2.93	cps
Tin	118-1	850	1117	833	933	17.04	cps
Titanium	47-1	58	75	42	58	28.57	cps
Uranium	238-1	333	417	350	367	12.02	cps
Vanadium	51-2	13	23	17	18	28.64	cps
Yttrium	89-1	5678487	5679319	5765400	5707735	0.87	cps
Yttrium	89-2	892490	897410	900438	896779	0.45	cps

LB Number :	LB98267	Operator :	Jaswal
Lab Sample ID :	ICB01	Instrumnet Name :	P7
Client Sample ID :	ICB01	Dilution Factor :	1
Date & Time Acquired ::	2018-10-01 11:04:31	DataFile Name :	014CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zinc	66-2	300	263	287	283	6.55	cps
Zirconium	90-1	575	433	642	550	19.34	cps
Zirconium	91-1	100	158	125	128	22.90	cps

LB Number : LB98267 Operator : Jaswal
 Lab Sample ID : ICSA01 Instrumnet Name : P7
 Client Sample ID : ICSA01 Dilution Factor : 1
 Date & Time Acquired :: 2018-10-01 11:08:07 DataFile Name : 015ICSA01.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	6625888	6673545	6705919	6668451	0.60	cps
Antimony	121-1	6093	6735	7119	6649	7.79	cps
Arsenic	75-1	1210	1928	1869	1669	23.89	cps
Barium	135-1	2184	2209	2292	2228	2.55	cps
Barium	137-1	3684	3767	3767	3740	1.29	cps
Beryllium	9-1	683	750	678	704	5.71	cps
Bismuth	209-1	3751368	3815342	3843773	3803495	1.24	cps
Bismuth	209-2	2505912	2515726	2522719	2514786	0.34	cps
Boron	11-1	17819	16793	17286	17299	2.97	cps
Boron	10-1	3709	3709	3626	3681	1.31	cps
Cadmium	106-1	1600	1625	1650	1625	1.54	cps
Cadmium	108-1	1208	1188	1163	1186	1.93	cps
Cadmium	111-1	1678	1769	1750	1732	2.75	cps
Calcium	43-1	2013466	2046040	2069093	2042867	1.37	cps
Calcium	44-1	33264151	33692442	34149908	33702167	1.31	cps
Chromium	52-2	39700	40322	40065	40029	0.78	cps
Cobalt	59-2	3464	3554	3794	3604	4.73	cps
Copper	63-2	15805	16333	16373	16170	1.96	cps
Dysprosium	156-1	50	50	17	39	49.48	cps
Dysprosium	156-2	10	7	17	11	45.82	cps
Erbium	164-2	17	13	27	19	36.75	cps
Erbium	164-1	17	33	42	31	41.66	cps
Gadolinium	160-1	67	75	25	56	48.22	cps
Gadolinium	160-2	120	100	123	114	11.03	cps
Holmium	165-1	6478775	6572112	6713132	6588006	1.79	cps
Holmium	165-2	3808503	3798963	3831725	3813064	0.44	cps
Indium	115-1	4697555	4769611	4867991	4778386	1.79	cps
Indium	115-2	1022869	1029661	1040971	1031167	0.89	cps
Iron	56-2	164399654	165316965	165275804	164997474	0.31	cps
Iron	57-2	3912757	3934150	3929679	3925529	0.29	cps
Krypton	83-1	193	173	173	180	6.41	cps
Lead	206-1	21490	21412	22141	21681	1.85	cps
Lead	207-1	17390	17679	17940	17670	1.56	cps
Lead	208-1	81894	82451	83815	82720	1.19	cps
Lithium	6-1	2882421	2909143	2934923	2908829	0.90	cps
Magnesium	24-2	16672627	16661521	16841137	16725095	0.60	cps

LB Number :	LB98267	Operator :	Jaswal
Lab Sample ID :	ICSA01	Instrumnet Name :	P7
Client Sample ID :	ICSA01	Dilution Factor :	1
Date & Time Acquired ::	2018-10-01 11:08:07	DataFile Name :	015ICSA01.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	9443	9687	9653	9594	1.38	cps
Molybdenum	94-1	3390001	3398268	3440913	3409727	0.80	cps
Molybdenum	95-1	5993730	5973477	6070480	6012562	0.85	cps
Molybdenum	96-1	6355357	6374114	6468071	6399181	0.94	cps
Molybdenum	97-1	3760969	3766498	3823052	3783506	0.91	cps
Molybdenum	98-1	9420939	9548098	9590205	9519747	0.93	cps
Neodymium	150-1	40	27	33	33	20.00	cps
Neodymium	150-2	23	7	17	16	53.90	cps
Nickel	60-2	4301	4471	4234	4335	2.82	cps
Phosphorus	31-2	372590	371348	376856	373598	0.77	cps
Potassium	39-2	14747358	14820306	14831834	14799833	0.31	cps
Rhodium	103-1	4269180	4315715	4375451	4320115	1.23	cps
Rhodium	103-2	2106513	2116150	2126923	2116529	0.48	cps
Scandium	45-1	3685039	3715234	3787078	3729117	1.41	cps
Scandium	45-2	165584	167181	167154	166639	0.55	cps
Selenium	77-2	0	0	3	1	173.21	cps
Selenium	78-2	26	30	24	27	10.66	cps
Selenium	82-1	31	32	41	35	16.60	cps
Silicon	28-1	241148	247188	245956	244764	1.30	cps
Silver	109-1	192	258	283	244	19.38	cps
Silver	107-1	350	217	292	286	23.36	cps
Sodium	23-2	32519452	32671027	33002034	32730838	0.75	cps
Strontium	86-1	65634	68413	68522	67523	2.42	cps
Strontium	88-1	577954	579238	590832	582675	1.22	cps
Sulfur	34-1	3771834	3795866	3823324	3797008	0.68	cps
Terbium	159-1	6773745	6836026	6963926	6857899	1.41	cps
Terbium	159-2	3812850	3836525	3838168	3829181	0.37	cps
Thallium	203-1	642	708	600	650	8.41	cps
Thallium	205-1	1358	1784	1700	1614	13.96	cps
Thorium	232-1	989	928	883	933	5.68	cps
Tin	118-1	1617	1400	1542	1520	7.24	cps
Titanium	47-1	1843041	1859186	1881164	1861130	1.03	cps
Uranium	238-1	500	567	525	531	6.35	cps
Vanadium	51-2	283	280	323	296	8.16	cps
Yttrium	89-1	5400403	5421099	5531742	5451081	1.30	cps
Yttrium	89-2	850485	851795	857316	853199	0.42	cps

LB Number :	LB98267	Operator :	Jaswal
Lab Sample ID :	ICSA01	Instrumnet Name :	P7
Client Sample ID :	ICSA01	Dilution Factor :	1
Date & Time Acquired ::	2018-10-01 11:08:07	DataFile Name :	015ICSA01.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zinc	66-2	3631	3604	3440	3558	2.89	cps
Zirconium	90-1	692	767	908	789	13.95	cps
Zirconium	91-1	200	242	175	206	16.38	cps

LB Number :	LB98267	Operator :	Jaswal
Lab Sample ID :	ICSAB01	Instrumnet Name :	P7
Client Sample ID :	ICSAB01	Dilution Factor :	1
Date & Time Acquired ::	2018-10-01 11:11:43	DataFile Name :	016ICSB.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	6726615	6745913	6781872	6751467	0.42	cps
Antimony	121-1	116656	118951	116462	117356	1.18	cps
Arsenic	75-1	27715	26830	29469	28005	4.80	cps
Barium	135-1	32129	33349	32196	32558	2.11	cps
Barium	137-1	56474	56424	57679	56859	1.25	cps
Beryllium	9-1	46070	44460	44220	44917	2.24	cps
Bismuth	209-1	3962410	3978886	3977494	3972930	0.23	cps
Bismuth	209-2	2547130	2555609	2519103	2540614	0.75	cps
Boron	11-1	14916	14199	13999	14371	3.36	cps
Boron	10-1	3267	2925	3134	3109	5.54	cps
Cadmium	106-1	4251	4359	4434	4348	2.12	cps
Cadmium	108-1	2971	3159	3209	3113	4.02	cps
Cadmium	111-1	30970	30417	30590	30659	0.92	cps
Calcium	43-1	2204014	2199357	2195427	2199599	0.20	cps
Calcium	44-1	34868248	34800821	35024321	34897796	0.33	cps
Chromium	52-2	80545	80733	80883	80720	0.21	cps
Cobalt	59-2	63510	63232	63681	63474	0.36	cps
Copper	63-2	55328	56208	57242	56259	1.70	cps
Dysprosium	156-1	58	50	33	47	26.97	cps
Dysprosium	156-2	20	20	23	21	9.11	cps
Erbium	164-2	10	33	17	20	60.08	cps
Erbium	164-1	42	25	33	33	25.01	cps
Gadolinium	160-1	75	42	58	58	28.57	cps
Gadolinium	160-2	120	137	123	127	6.96	cps
Holmium	165-1	6795654	6866514	6825772	6829314	0.52	cps
Holmium	165-2	3852188	3878852	3802184	3844408	1.01	cps
Indium	115-1	4976543	5024795	5030532	5010623	0.59	cps
Indium	115-2	1037211	1047637	1041912	1042253	0.50	cps
Iron	56-2	165402859	165157037	167311476	165957124	0.71	cps
Iron	57-2	3937693	3930121	3966256	3944690	0.48	cps
Krypton	83-1	197	193	210	200	4.41	cps
Lead	206-1	118534	120025	122166	120242	1.52	cps
Lead	207-1	100365	102173	100885	101141	0.92	cps
Lead	208-1	461826	466672	471822	466773	1.07	cps
Lithium	6-1	3044816	3085139	3081977	3070644	0.73	cps
Magnesium	24-2	16926068	16968303	17009885	16968085	0.25	cps

LB Number :	LB98267	Operator :	Jaswal
Lab Sample ID :	ICSAB01	Instrumnet Name :	P7
Client Sample ID :	ICSAB01	Dilution Factor :	1
Date & Time Acquired ::	2018-10-01 11:11:43	DataFile Name :	016ICSB.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	32780	32566	33889	33078	2.15	cps
Molybdenum	94-1	3486596	3547432	3492405	3508811	0.96	cps
Molybdenum	95-1	6138729	6218777	6158120	6171875	0.68	cps
Molybdenum	96-1	6534577	6553996	6571729	6553434	0.28	cps
Molybdenum	97-1	3880772	3875191	3878015	3877993	0.07	cps
Molybdenum	98-1	9768802	9768842	9863850	9800498	0.56	cps
Neodymium	150-1	27	40	20	29	35.25	cps
Neodymium	150-2	23	10	10	14	53.28	cps
Nickel	60-2	18959	19797	19453	19403	2.17	cps
Phosphorus	31-2	369664	377784	378065	375171	1.27	cps
Potassium	39-2	14878473	14973111	14992609	14948065	0.41	cps
Rhodium	103-1	4496397	4520921	4530103	4515807	0.39	cps
Rhodium	103-2	2142240	2159097	2122502	2141280	0.86	cps
Scandium	45-1	3899601	3948865	3937947	3928804	0.66	cps
Scandium	45-2	168660	170785	167545	168997	0.97	cps
Selenium	77-2	100	80	77	86	14.75	cps
Selenium	78-2	370	398	415	394	5.69	cps
Selenium	82-1	2404	2337	2324	2355	1.82	cps
Silicon	28-1	259056	259987	260175	259740	0.23	cps
Silver	109-1	132111	133877	134812	133600	1.03	cps
Silver	107-1	136400	139699	138051	138050	1.19	cps
Sodium	23-2	33270829	33334784	33436658	33347424	0.25	cps
Strontium	86-1	70406	71512	71746	71221	1.00	cps
Strontium	88-1	600984	609566	608174	606241	0.76	cps
Sulfur	34-1	3886498	3890218	3908937	3895218	0.31	cps
Terbium	159-1	7094157	7210857	7121145	7142053	0.86	cps
Terbium	159-2	3860882	3875968	3792647	3843166	1.16	cps
Thallium	203-1	119289	117162	117416	117956	0.98	cps
Thallium	205-1	278439	282495	283113	281349	0.90	cps
Thorium	232-1	678	644	756	693	8.23	cps
Tin	118-1	1317	1458	1735	1503	14.14	cps
Titanium	47-1	1923435	1913388	1935345	1924056	0.57	cps
Uranium	238-1	425	392	417	411	4.22	cps
Vanadium	51-2	32643	32934	32743	32773	0.45	cps
Yttrium	89-1	5654241	5734210	5703980	5697477	0.71	cps
Yttrium	89-2	857648	870492	854468	860869	0.99	cps

LB Number :	LB98267	Operator :	Jaswal
Lab Sample ID :	ICSAB01	Instrumnet Name :	P7
Client Sample ID :	ICSAB01	Dilution Factor :	1
Date & Time Acquired ::	2018-10-01 11:11:43	DataFile Name :	016ICSB.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zinc	66-2	9203	9653	9463	9440	2.39	cps
Zirconium	90-1	792	942	708	814	14.53	cps
Zirconium	91-1	150	183	117	150	22.22	cps

LB Number :	LB98267	Operator :	Jaswal
Lab Sample ID :	CCV17	Instrumnet Name :	P7
Client Sample ID :	CCV17	Dilution Factor :	1
Date & Time Acquired ::	2018-10-01 11:15:19	DataFile Name :	017CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	4115777	4082524	4129479	4109260	0.59	cps
Antimony	121-1	2752627	2742440	2755478	2750182	0.25	cps
Arsenic	75-1	625094	622908	631554	626519	0.72	cps
Barium	135-1	3787999	3802205	3780539	3790247	0.29	cps
Barium	137-1	6527971	6566259	6547919	6547383	0.29	cps
Beryllium	9-1	1079678	1083601	1077480	1080253	0.29	cps
Bismuth	209-1	3751391	3768891	3679141	3733141	1.27	cps
Bismuth	209-2	2380652	2365346	2370689	2372229	0.33	cps
Boron	11-1	748147	765839	779369	764452	2.05	cps
Boron	10-1	167037	171352	173332	170574	1.89	cps
Cadmium	106-1	80219	80763	79849	80277	0.57	cps
Cadmium	108-1	54898	53998	54337	54411	0.84	cps
Cadmium	111-1	710719	714514	716844	714026	0.43	cps
Calcium	43-1	5618705	5710239	5645256	5658067	0.83	cps
Calcium	44-1	89534558	90131065	89146764	89604129	0.55	cps
Chromium	52-2	1076917	1077278	1095726	1083307	0.99	cps
Cobalt	59-2	1498773	1523657	1528822	1517084	1.06	cps
Copper	63-2	1897965	1922178	1936128	1918757	1.01	cps
Dysprosium	156-1	67	58	100	75	29.40	cps
Dysprosium	156-2	103	77	87	89	15.16	cps
Erbium	164-2	23	13	10	16	44.60	cps
Erbium	164-1	17	33	58	36	58.08	cps
Gadolinium	160-1	50	100	75	75	33.34	cps
Gadolinium	160-2	133	103	127	121	13.01	cps
Holmium	165-1	6771025	6797730	6678779	6749178	0.92	cps
Holmium	165-2	3779359	3729685	3724351	3744465	0.81	cps
Indium	115-1	4903007	4884597	4805091	4864232	1.07	cps
Indium	115-2	1003227	1022096	1035953	1020425	1.61	cps
Iron	56-2	215604399	215381516	216836427	215940781	0.36	cps
Iron	57-2	5130881	5174672	5141374	5148976	0.44	cps
Krypton	83-1	190	183	213	196	8.06	cps
Lead	206-1	2305177	2310618	2314684	2310160	0.21	cps
Lead	207-1	2126345	2108532	2114372	2116416	0.43	cps
Lead	208-1	9419862	9442049	9404801	9422237	0.20	cps
Lithium	6-1	3034175	3052770	2992477	3026474	1.02	cps
Magnesium	24-2	44105056	44546542	44328360	44326653	0.50	cps

LB Number :	LB98267	Operator :	Jaswal
Lab Sample ID :	CCV17	Instrumnet Name :	P7
Client Sample ID :	CCV17	Dilution Factor :	1
Date & Time Acquired ::	2018-10-01 11:15:19	DataFile Name :	017CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	1243254	1252655	1272149	1256019	1.17	cps
Molybdenum	94-1	6687525	6683729	6703161	6691472	0.15	cps
Molybdenum	95-1	8124424	8133964	8143843	8134077	0.12	cps
Molybdenum	96-1	8993466	8960546	8966070	8973361	0.20	cps
Molybdenum	97-1	5136799	5139613	5100362	5125591	0.43	cps
Molybdenum	98-1	12965933	12942760	12908118	12938937	0.22	cps
Neodymium	150-1	267	173	233	224	21.07	cps
Neodymium	150-2	37	50	43	43	15.38	cps
Nickel	60-2	393167	395317	399213	395899	0.77	cps
Phosphorus	31-2	39603	41358	41500	40821	2.59	cps
Potassium	39-2	19800406	19750838	19865495	19805580	0.29	cps
Rhodium	103-1	4394806	4416181	4305113	4372033	1.35	cps
Rhodium	103-2	2025956	2018994	2039663	2028205	0.52	cps
Scandium	45-1	3961876	3927993	3884689	3924853	0.99	cps
Scandium	45-2	173189	173027	174679	173631	0.52	cps
Selenium	77-2	2610	2554	2624	2596	1.43	cps
Selenium	78-2	8508	9073	8860	8814	3.24	cps
Selenium	82-1	54604	55065	54492	54720	0.55	cps
Silicon	28-1	2844666	2883518	2895529	2874571	0.92	cps
Silver	109-1	3482460	3486094	3455372	3474642	0.48	cps
Silver	107-1	3638028	3634560	3620052	3630880	0.26	cps
Sodium	23-2	87017896	87930150	87418458	87455501	0.52	cps
Strontium	86-1	1049787	1055488	1049255	1051510	0.33	cps
Strontium	88-1	9147193	9152408	9156014	9151872	0.05	cps
Sulfur	34-1	528925	527775	529798	528833	0.19	cps
Terbium	159-1	7081556	7112606	6921152	7038438	1.46	cps
Terbium	159-2	3751445	3732901	3761240	3748529	0.38	cps
Thallium	203-1	2893900	2916072	2899769	2903247	0.40	cps
Thallium	205-1	6711542	6708026	6699154	6706241	0.10	cps
Thorium	232-1	10707736	10789352	10807296	10768128	0.49	cps
Tin	118-1	2532238	2535103	2533086	2533476	0.06	cps
Titanium	47-1	2596351	2582197	2583176	2587241	0.31	cps
Uranium	238-1	10254965	10182329	10347590	10261628	0.81	cps
Vanadium	51-2	878726	876315	885215	880085	0.52	cps
Yttrium	89-1	5681425	5707416	5612305	5667049	0.87	cps
Yttrium	89-2	863441	866398	878986	869608	0.95	cps

LB Number :	LB98267	Operator :	Jaswal
Lab Sample ID :	CCV17	Instrumnet Name :	P7
Client Sample ID :	CCV17	Dilution Factor :	1
Date & Time Acquired ::	2018-10-01 11:15:19	DataFile Name :	017CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zinc	66-2	283469	288180	287919	286523	0.92	cps
Zirconium	90-1	5726411	5739611	5693170	5719731	0.42	cps
Zirconium	91-1	1233731	1238304	1240336	1237457	0.27	cps

LB Number : LB98267 Operator : Jaswal
 Lab Sample ID : CCB17 Instrumnet Name : P7
 Client Sample ID : CCB17 Dilution Factor : 1
 Date & Time Acquired :: 2018-10-01 11:18:59 DataFile Name : 018CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	350	208	208	256	32.01	cps
Antimony	121-1	1325	1533	1433	1431	7.28	cps
Arsenic	75-1	-33	-61	-295	-130	-111.13	cps
Barium	135-1	450	625	583	553	16.54	cps
Barium	137-1	925	1225	1108	1086	13.92	cps
Beryllium	9-1	256	356	311	307	16.30	cps
Bismuth	209-1	4433150	4449060	4426221	4436144	0.26	cps
Bismuth	209-2	2917794	2906992	2902626	2909137	0.27	cps
Boron	11-1	42812	39319	38065	40065	6.14	cps
Boron	10-1	9403	8961	8027	8797	7.98	cps
Cadmium	106-1	1792	2092	2234	2039	11.06	cps
Cadmium	108-1	8	21	42	24	71.34	cps
Cadmium	111-1	1440	1704	1772	1639	10.69	cps
Calcium	43-1	933	1092	1058	1028	8.12	cps
Calcium	44-1	19055	21575	19489	20039	6.72	cps
Chromium	52-2	550	403	417	457	17.76	cps
Cobalt	59-2	100	90	80	90	11.11	cps
Copper	63-2	1190	1160	1097	1149	4.15	cps
Dysprosium	156-1	0	8	0	3	173.21	cps
Dysprosium	156-2	3	0	0	1	173.21	cps
Erbium	164-2	13	17	13	14	13.35	cps
Erbium	164-1	33	8	0	14	124.91	cps
Gadolinium	160-1	67	67	8	47	71.33	cps
Gadolinium	160-2	83	123	97	101	20.14	cps
Holmium	165-1	6983724	7042640	7064435	7030266	0.59	cps
Holmium	165-2	4056903	4023483	4000716	4027034	0.70	cps
Indium	115-1	5524612	5501805	5533018	5519812	0.29	cps
Indium	115-2	1154817	1150186	1160558	1155187	0.45	cps
Iron	56-2	14491	11961	10198	12217	17.66	cps
Iron	57-2	339	200	361	300	29.10	cps
Krypton	83-1	190	173	203	189	7.96	cps
Lead	206-1	633	800	678	704	12.26	cps
Lead	207-1	617	672	722	670	7.88	cps
Lead	208-1	2800	3322	3111	3078	8.54	cps
Lithium	6-1	3302240	3307001	3301280	3303507	0.09	cps
Magnesium	24-2	2409	1884	1558	1950	22.00	cps

LB Number :	LB98267	Operator :	Jaswal
Lab Sample ID :	CCB17	Instrumnet Name :	P7
Client Sample ID :	CCB17	Dilution Factor :	1
Date & Time Acquired ::	2018-10-01 11:18:59	DataFile Name :	018CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	80	107	80	89	17.32	cps
Molybdenum	94-1	1984	2200	1834	2006	9.19	cps
Molybdenum	95-1	2759	2567	2384	2570	7.30	cps
Molybdenum	96-1	2950	2984	2434	2789	11.06	cps
Molybdenum	97-1	1650	1800	1575	1675	6.84	cps
Molybdenum	98-1	4026	4593	4251	4290	6.65	cps
Neodymium	150-1	0	7	0	2	173.21	cps
Neodymium	150-2	0	0	0	0	0.00	cps
Nickel	60-2	57	57	67	60	9.62	cps
Phosphorus	31-2	158	117	133	136	15.41	cps
Potassium	39-2	11296	10137	11130	10854	5.77	cps
Rhodium	103-1	5176571	5235871	5233159	5215200	0.64	cps
Rhodium	103-2	2502280	2488470	2501299	2497350	0.31	cps
Scandium	45-1	4217013	4247612	4234756	4233127	0.36	cps
Scandium	45-2	186804	187155	188401	187454	0.45	cps
Selenium	77-2	0	0	0	0	0.00	cps
Selenium	78-2	31	26	31	30	10.81	cps
Selenium	82-1	-11	45	24	19	146.62	cps
Silicon	28-1	178865	177651	177549	178022	0.41	cps
Silver	109-1	750	833	733	772	6.94	cps
Silver	107-1	775	833	850	820	4.81	cps
Sodium	23-2	22493	21700	20640	21611	4.30	cps
Strontium	86-1	550	508	467	508	8.20	cps
Strontium	88-1	1709	1784	1925	1806	6.09	cps
Sulfur	34-1	146042	148828	150325	148398	1.46	cps
Terbium	159-1	7411161	7429852	7401704	7414239	0.19	cps
Terbium	159-2	4073539	4039562	4053989	4055696	0.42	cps
Thallium	203-1	1142	1308	1125	1192	8.51	cps
Thallium	205-1	3209	2892	2942	3014	5.65	cps
Thorium	232-1	3206	3589	3206	3334	6.64	cps
Tin	118-1	1809	1475	1333	1539	15.85	cps
Titanium	47-1	500	625	508	544	12.84	cps
Uranium	238-1	1483	1959	1667	1703	14.07	cps
Vanadium	51-2	37	40	30	36	14.32	cps
Yttrium	89-1	6094826	6130993	6140999	6122273	0.40	cps
Yttrium	89-2	934195	925958	940281	933478	0.77	cps

LB Number :	LB98267	Operator :	Jaswal
Lab Sample ID :	CCB17	Instrumnet Name :	P7
Client Sample ID :	CCB17	Dilution Factor :	1
Date & Time Acquired ::	2018-10-01 11:18:59	DataFile Name :	018CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zinc	66-2	300	310	307	306	1.67	cps
Zirconium	90-1	1650	1809	1642	1700	5.52	cps
Zirconium	91-1	325	450	367	381	16.72	cps

LB Number :	LB98267	Operator :	Jaswal
Lab Sample ID :	PB113293BL	Instrumnet Name :	P7
Client Sample ID :	PB113293BL	Dilution Factor :	1
Date & Time Acquired ::	2018-10-01 11:22:33	DataFile Name :	019LLCC.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	108	150	117	125	17.64	cps
Antimony	121-1	292	358	375	342	12.91	cps
Arsenic	75-1	-290	-187	-163	-213	-31.89	cps
Barium	135-1	58	33	25	39	44.62	cps
Barium	137-1	100	67	42	69	42.14	cps
Beryllium	9-1	111	133	106	117	12.60	cps
Bismuth	209-1	4422799	4472147	4435560	4443502	0.58	cps
Bismuth	209-2	2967720	2957224	2943765	2956236	0.41	cps
Boron	11-1	21908	20957	19864	20910	4.89	cps
Boron	10-1	4959	4543	4676	4726	4.50	cps
Cadmium	106-1	2292	1917	1967	2059	9.89	cps
Cadmium	108-1	13	4	17	11	57.27	cps
Cadmium	111-1	1616	1372	1390	1460	9.33	cps
Calcium	43-1	200	217	158	192	15.68	cps
Calcium	44-1	6594	6027	6143	6255	4.79	cps
Chromium	52-2	393	353	350	366	6.60	cps
Cobalt	59-2	23	27	13	21	32.88	cps
Copper	63-2	977	983	1020	993	2.35	cps
Dysprosium	156-1	0	0	0	0	0.00	cps
Dysprosium	156-2	3	0	0	1	173.21	cps
Erbium	164-2	7	10	23	13	66.12	cps
Erbium	164-1	25	8	25	19	49.50	cps
Gadolinium	160-1	25	83	25	44	75.78	cps
Gadolinium	160-2	90	97	163	117	34.76	cps
Holmium	165-1	7027949	7049471	7047135	7041518	0.17	cps
Holmium	165-2	4105920	4070257	4073680	4083286	0.48	cps
Indium	115-1	5589392	5597230	5582888	5589837	0.13	cps
Indium	115-2	1155380	1167095	1167878	1163451	0.60	cps
Iron	56-2	4934	4584	4601	4706	4.20	cps
Iron	57-2	139	89	161	130	28.54	cps
Krypton	83-1	233	177	183	198	15.66	cps
Lead	206-1	378	417	339	378	10.29	cps
Lead	207-1	428	356	394	393	9.21	cps
Lead	208-1	1561	1683	1595	1613	3.92	cps
Lithium	6-1	3296899	3315441	3338370	3316903	0.63	cps
Magnesium	24-2	525	433	392	450	15.16	cps

LB Number :	LB98267	Operator :	Jaswal
Lab Sample ID :	PB113293BL	Instrumnet Name :	P7
Client Sample ID :	PB113293BL	Dilution Factor :	1
Date & Time Acquired ::	2018-10-01 11:22:33	DataFile Name :	019LLCC.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	53	47	43	48	10.66	cps
Molybdenum	94-1	300	425	525	417	27.06	cps
Molybdenum	95-1	375	375	392	381	2.53	cps
Molybdenum	96-1	508	483	475	489	3.55	cps
Molybdenum	97-1	242	200	225	222	9.44	cps
Molybdenum	98-1	783	658	508	650	21.18	cps
Neodymium	150-1	0	0	0	0	0.00	cps
Neodymium	150-2	0	0	0	0	0.00	cps
Nickel	60-2	47	37	50	44	15.61	cps
Phosphorus	31-2	142	125	150	139	9.16	cps
Potassium	39-2	9403	9353	9904	9553	3.19	cps
Rhodium	103-1	5328854	5289563	5298071	5305496	0.39	cps
Rhodium	103-2	2544687	2562706	2556299	2554564	0.36	cps
Scandium	45-1	4316416	4313855	4328760	4319677	0.18	cps
Scandium	45-2	190480	189435	191929	190614	0.66	cps
Selenium	77-2	0	0	0	0	0.00	cps
Selenium	78-2	33	39	28	33	16.67	cps
Selenium	82-1	12	31	18	20	46.43	cps
Silicon	28-1	174810	175559	173722	174697	0.53	cps
Silver	109-1	183	150	200	178	14.32	cps
Silver	107-1	233	167	158	186	22.09	cps
Sodium	23-2	13565	13206	13331	13368	1.36	cps
Strontium	86-1	300	375	358	344	11.43	cps
Strontium	88-1	458	408	375	414	10.13	cps
Sulfur	34-1	158197	156016	155503	156572	0.91	cps
Terbium	159-1	7461952	7424210	7527184	7471116	0.70	cps
Terbium	159-2	4137251	4098339	4147834	4127808	0.63	cps
Thallium	203-1	367	325	317	336	7.97	cps
Thallium	205-1	1033	1075	1033	1047	2.30	cps
Thorium	232-1	872	711	689	757	13.21	cps
Tin	118-1	767	1017	1025	936	15.68	cps
Titanium	47-1	42	100	92	78	40.56	cps
Uranium	238-1	133	75	133	114	29.57	cps
Vanadium	51-2	7	20	13	13	49.99	cps
Yttrium	89-1	6185209	6162797	6209051	6185686	0.37	cps
Yttrium	89-2	946505	948564	952988	949352	0.35	cps

LB Number :	LB98267	Operator :	Jaswal
Lab Sample ID :	PB113293BL	Instrumnet Name :	P7
Client Sample ID :	PB113293BL	Dilution Factor :	1
Date & Time Acquired ::	2018-10-01 11:22:33	DataFile Name :	019LLCC.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zinc	66-2	187	223	297	236	23.78	cps
Zirconium	90-1	800	667	742	736	9.08	cps
Zirconium	91-1	92	142	117	117	21.43	cps

LB Number :	LB98267	Operator :	Jaswal
Lab Sample ID :	PB113293BS	Instrumnet Name :	P7
Client Sample ID :	PB113293BS	Dilution Factor :	1
Date & Time Acquired ::	2018-10-01 11:26:07	DataFile Name :	020CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	748041	743949	751420	747803	0.50	cps
Antimony	121-1	2922993	2930049	2921126	2924723	0.16	cps
Arsenic	75-1	685676	678584	679695	681318	0.56	cps
Barium	135-1	3851103	3867184	3854779	3857689	0.22	cps
Barium	137-1	6633510	6679254	6646356	6653040	0.35	cps
Beryllium	9-1	1128716	1128182	1132686	1129861	0.22	cps
Bismuth	209-1	4058962	4080898	4094803	4078221	0.44	cps
Bismuth	209-2	2678129	2663669	2766964	2702921	2.07	cps
Boron	11-1	758864	776402	782223	772496	1.57	cps
Boron	10-1	171453	172769	175339	173187	1.14	cps
Cadmium	106-1	86647	87998	87009	87218	0.80	cps
Cadmium	108-1	59420	58575	59186	59060	0.74	cps
Cadmium	111-1	794096	794561	790851	793170	0.25	cps
Calcium	43-1	1145098	1150714	1140717	1145510	0.44	cps
Calcium	44-1	18470579	18440886	18317196	18409554	0.44	cps
Chromium	52-2	1035064	1036972	1038778	1036938	0.18	cps
Cobalt	59-2	1543639	1549035	1560856	1551177	0.57	cps
Copper	63-2	2029019	2040885	2045884	2038596	0.42	cps
Dysprosium	156-1	58	50	33	47	26.97	cps
Dysprosium	156-2	60	50	67	59	14.25	cps
Erbium	164-2	23	13	13	17	34.65	cps
Erbium	164-1	50	17	33	33	50.00	cps
Gadolinium	160-1	83	58	58	67	21.65	cps
Gadolinium	160-2	140	110	173	141	22.45	cps
Holmium	165-1	6839626	6835394	6844191	6839737	0.06	cps
Holmium	165-2	3908272	3871880	4075850	3952001	2.75	cps
Indium	115-1	5040636	5038422	5054262	5044440	0.17	cps
Indium	115-2	1069698	1080630	1133418	1094582	3.11	cps
Iron	56-2	43904423	43660755	43533040	43699406	0.43	cps
Iron	57-2	1042267	1052822	1048549	1047879	0.51	cps
Krypton	83-1	220	173	160	184	17.08	cps
Lead	206-1	2400345	2405852	2433275	2413157	0.73	cps
Lead	207-1	2219603	2208504	2221655	2216587	0.32	cps
Lead	208-1	9867045	9907279	9902058	9892127	0.22	cps
Lithium	6-1	3128104	3113975	3140788	3127622	0.43	cps
Magnesium	24-2	8994401	8950213	8894366	8946327	0.56	cps

LB Number :	LB98267	Operator :	Jaswal
Lab Sample ID :	PB113293BS	Instrumnet Name :	P7
Client Sample ID :	PB113293BS	Dilution Factor :	1
Date & Time Acquired ::	2018-10-01 11:26:07	DataFile Name :	020CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	1245116	1244709	1252921	1247582	0.37	cps
Molybdenum	94-1	6733124	6705267	6709869	6716087	0.22	cps
Molybdenum	95-1	8170137	8180290	8226743	8192390	0.37	cps
Molybdenum	96-1	9075734	9062278	9021827	9053279	0.31	cps
Molybdenum	97-1	5199430	5160773	5128372	5162859	0.69	cps
Molybdenum	98-1	13092334	13045939	13041026	13059766	0.22	cps
Neodymium	150-1	200	213	233	216	7.78	cps
Neodymium	150-2	40	13	27	27	50.01	cps
Nickel	60-2	402435	404481	404951	403956	0.33	cps
Phosphorus	31-2	41584	42169	41910	41888	0.70	cps
Potassium	39-2	3923879	3860958	3887643	3890827	0.81	cps
Rhodium	103-1	4748725	4702774	4702573	4718024	0.56	cps
Rhodium	103-2	2258670	2235845	2341091	2278535	2.43	cps
Scandium	45-1	3977912	3997214	4006736	3993954	0.37	cps
Scandium	45-2	177491	176372	184297	179387	2.39	cps
Selenium	77-2	2944	2917	3030	2964	2.00	cps
Selenium	78-2	9913	9844	9948	9902	0.53	cps
Selenium	82-1	62762	62930	62885	62859	0.14	cps
Silicon	28-1	3223764	3265050	3309483	3266099	1.31	cps
Silver	109-1	3852563	3830487	3842388	3841813	0.29	cps
Silver	107-1	4021105	3991192	3980331	3997543	0.53	cps
Sodium	23-2	17434186	17413025	17144532	17330581	0.93	cps
Strontium	86-1	1050226	1059218	1058697	1056047	0.48	cps
Strontium	88-1	9331866	9246791	9248026	9275561	0.53	cps
Sulfur	34-1	545560	543002	538741	542434	0.63	cps
Terbium	159-1	7146460	7152826	7146366	7148551	0.05	cps
Terbium	159-2	3911308	3885096	4076113	3957506	2.62	cps
Thallium	203-1	3026008	3036079	3031706	3031265	0.17	cps
Thallium	205-1	7006301	6964806	7039076	7003394	0.53	cps
Thorium	232-1	10780151	10674226	10748832	10734403	0.51	cps
Tin	118-1	2603913	2604720	2606135	2604923	0.04	cps
Titanium	47-1	2632468	2610226	2600375	2614357	0.63	cps
Uranium	238-1	10295316	10179128	10238551	10237665	0.57	cps
Vanadium	51-2	860833	854669	859574	858358	0.38	cps
Yttrium	89-1	5796951	5783639	5801541	5794044	0.16	cps
Yttrium	89-2	887361	893659	937231	906084	3.00	cps

LB Number :	LB98267	Operator :	Jaswal
Lab Sample ID :	PB113293BS	Instrumnet Name :	P7
Client Sample ID :	PB113293BS	Dilution Factor :	1
Date & Time Acquired ::	2018-10-01 11:26:07	DataFile Name :	020CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zinc	66-2	318291	323391	325546	322409	1.16	cps
Zirconium	90-1	5751394	5747471	5716874	5738580	0.33	cps
Zirconium	91-1	1230027	1234070	1235800	1233299	0.24	cps

LB Number :	LB98267	Operator :	Jaswal
Lab Sample ID :	CRI	Instrumnet Name :	P7
Client Sample ID :	CRI	Dilution Factor :	1
Date & Time Acquired ::	2018-10-01 11:33:17	DataFile Name :	022LLCC.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	1884	1700	1850	1811	5.39	cps
Antimony	121-1	12398	11989	12139	12175	1.70	cps
Arsenic	75-1	1351	800	755	969	34.27	cps
Barium	135-1	15493	15401	15701	15531	0.99	cps
Barium	137-1	25625	27136	26944	26568	3.10	cps
Beryllium	9-1	2611	2450	2284	2448	6.70	cps
Bismuth	209-1	4411097	4397049	4379528	4395891	0.36	cps
Bismuth	209-2	2882030	2910653	2880504	2891062	0.59	cps
Boron	11-1	61141	60330	61409	60960	0.92	cps
Boron	10-1	13548	13640	13740	13643	0.70	cps
Cadmium	106-1	2150	2200	2017	2122	4.47	cps
Cadmium	108-1	142	138	113	131	12.08	cps
Cadmium	111-1	3110	2986	3012	3036	2.16	cps
Calcium	43-1	11872	11964	11997	11944	0.54	cps
Calcium	44-1	190538	191592	196336	192822	1.60	cps
Chromium	52-2	5221	5411	5214	5282	2.11	cps
Cobalt	59-2	3334	3324	3474	3377	2.48	cps
Copper	63-2	5841	5408	5731	5660	3.98	cps
Dysprosium	156-1	0	8	0	3	173.21	cps
Dysprosium	156-2	3	3	3	3	0.00	cps
Erbium	164-2	17	20	30	22	31.22	cps
Erbium	164-1	25	33	25	28	17.31	cps
Gadolinium	160-1	33	8	25	22	57.29	cps
Gadolinium	160-2	117	97	70	94	24.79	cps
Holmium	165-1	7029198	7036375	7008656	7024743	0.20	cps
Holmium	165-2	4032550	4004571	3994541	4010554	0.49	cps
Indium	115-1	5513679	5505787	5483545	5501004	0.28	cps
Indium	115-2	1133142	1140488	1160078	1144569	1.22	cps
Iron	56-2	96252	96571	98388	97070	1.19	cps
Iron	57-2	2478	2623	2467	2523	3.44	cps
Krypton	83-1	227	197	220	214	7.35	cps
Lead	206-1	5301	5318	5340	5320	0.37	cps
Lead	207-1	5051	4907	4795	4918	2.61	cps
Lead	208-1	21774	21407	21769	21650	0.97	cps
Lithium	6-1	3340679	3328703	3337525	3335636	0.19	cps
Magnesium	24-2	93826	94605	94758	94396	0.53	cps

LB Number :	LB98267	Operator :	Jaswal
Lab Sample ID :	CRI	Instrumnet Name :	P7
Client Sample ID :	CRI	Dilution Factor :	1
Date & Time Acquired ::	2018-10-01 11:33:17	DataFile Name :	022LLCC.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	1383	1503	1403	1430	4.50	cps
Molybdenum	94-1	13841	13932	13915	13896	0.35	cps
Molybdenum	95-1	17294	16377	17069	16913	2.83	cps
Molybdenum	96-1	19339	18329	18963	18877	2.70	cps
Molybdenum	97-1	10604	11255	11163	11007	3.20	cps
Molybdenum	98-1	27937	26993	28404	27778	2.59	cps
Neodymium	150-1	0	0	0	0	0.00	cps
Neodymium	150-2	0	0	0	0	0.00	cps
Nickel	60-2	897	1080	1110	1029	11.22	cps
Phosphorus	31-2	192	183	192	189	2.55	cps
Potassium	39-2	90828	90400	92344	91191	1.12	cps
Rhodium	103-1	5279289	5227549	5245775	5250871	0.50	cps
Rhodium	103-2	2498348	2501003	2492714	2497355	0.17	cps
Scandium	45-1	4271863	4287644	4292273	4283926	0.25	cps
Scandium	45-2	186466	186811	188769	187349	0.66	cps
Selenium	77-2	37	30	33	33	10.01	cps
Selenium	78-2	139	137	152	143	5.66	cps
Selenium	82-1	623	655	660	646	3.15	cps
Silicon	28-1	253281	251870	248081	251078	1.07	cps
Silver	109-1	8269	7903	7961	8044	2.45	cps
Silver	107-1	8712	8361	8611	8561	2.11	cps
Sodium	23-2	193472	192132	192065	192556	0.41	cps
Strontium	86-1	2817	2500	2517	2611	6.83	cps
Strontium	88-1	19522	19264	19297	19361	0.73	cps
Sulfur	34-1	145185	145647	146212	145681	0.35	cps
Terbium	159-1	7373158	7434506	7384716	7397460	0.44	cps
Terbium	159-2	4054200	4076916	4058518	4063212	0.30	cps
Thallium	203-1	6368	6510	5943	6274	4.70	cps
Thallium	205-1	15760	15443	14826	15343	3.10	cps
Thorium	232-1	22331	22063	21501	21965	1.93	cps
Tin	118-1	27269	26718	27453	27147	1.41	cps
Titanium	47-1	5276	5526	5676	5493	3.68	cps
Uranium	238-1	21302	21535	20467	21101	2.66	cps
Vanadium	51-2	8733	9236	9260	9076	3.28	cps
Yttrium	89-1	6147670	6103014	6156091	6135592	0.46	cps
Yttrium	89-2	933155	937854	940853	937287	0.41	cps

LB Number :	LB98267	Operator :	Jaswal
Lab Sample ID :	CRI	Instrumnet Name :	P7
Client Sample ID :	CRI	Dilution Factor :	1
Date & Time Acquired ::	2018-10-01 11:33:17	DataFile Name :	022LLCC.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zinc	66-2	1063	1033	1053	1050	1.46	cps
Zirconium	90-1	12439	12364	12339	12381	0.42	cps
Zirconium	91-1	3184	2684	2809	2892	9.00	cps

LB Number :	LB98267	Operator :	Jaswal
Lab Sample ID :	J5082-31	Instrumnet Name :	P7
Client Sample ID :	380912101	Dilution Factor :	1
Date & Time Acquired ::	2018-10-01 11:36:51	DataFile Name :	023SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	1467	1683	1500	1550	7.53	cps
Antimony	121-1	742	983	983	903	15.46	cps
Arsenic	75-1	11298	12411	11895	11868	4.69	cps
Barium	135-1	1117	958	892	989	11.69	cps
Barium	137-1	1700	1892	1734	1775	5.77	cps
Beryllium	9-1	94	89	78	87	9.75	cps
Bismuth	209-1	4821821	4783722	4770376	4791973	0.56	cps
Bismuth	209-2	3047793	3070030	3046313	3054712	0.43	cps
Boron	11-1	309037	309302	319776	312705	1.96	cps
Boron	10-1	69585	68356	70256	69399	1.39	cps
Cadmium	106-1	2134	2084	2192	2136	2.54	cps
Cadmium	108-1	4	13	8	8	49.98	cps
Cadmium	111-1	1599	1521	1591	1570	2.75	cps
Calcium	43-1	10187	10362	10129	10226	1.19	cps
Calcium	44-1	177140	174163	174181	175161	0.98	cps
Chromium	52-2	827	850	853	843	1.72	cps
Cobalt	59-2	177	170	190	179	5.69	cps
Copper	63-2	77899	78556	78288	78248	0.42	cps
Dysprosium	156-1	0	0	0	0	0.00	cps
Dysprosium	156-2	3	7	0	3	100.05	cps
Erbium	164-2	20	13	23	19	26.96	cps
Erbium	164-1	17	42	50	36	48.03	cps
Gadolinium	160-1	50	50	67	56	17.32	cps
Gadolinium	160-2	100	110	123	111	10.54	cps
Holmium	165-1	7933171	7895845	7774904	7867973	1.05	cps
Holmium	165-2	4362815	4396401	4380522	4379913	0.38	cps
Indium	115-1	6074783	5980061	5919899	5991581	1.30	cps
Indium	115-2	1203722	1217293	1213055	1211356	0.57	cps
Iron	56-2	109068	105059	102462	105530	3.15	cps
Iron	57-2	2634	2667	2545	2615	2.42	cps
Krypton	83-1	203	190	220	204	7.35	cps
Lead	206-1	2623	2584	2450	2552	3.54	cps
Lead	207-1	2400	2222	1984	2202	9.50	cps
Lead	208-1	10557	10113	9413	10028	5.76	cps
Lithium	6-1	3701789	3649799	3595791	3649126	1.45	cps
Magnesium	24-2	23202	23736	23219	23386	1.30	cps

LB Number :	LB98267	Operator :	Jaswal
Lab Sample ID :	J5082-31	Instrumnet Name :	P7
Client Sample ID :	380912101	Dilution Factor :	1
Date & Time Acquired ::	2018-10-01 11:36:51	DataFile Name :	023SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	853	913	977	914	6.75	cps
Molybdenum	94-1	12047	11663	10971	11561	4.72	cps
Molybdenum	95-1	20424	19439	19698	19853	2.57	cps
Molybdenum	96-1	21625	21475	20841	21314	1.95	cps
Molybdenum	97-1	13073	12398	12464	12645	2.94	cps
Molybdenum	98-1	31895	32563	31243	31900	2.07	cps
Neodymium	150-1	7	7	13	9	43.25	cps
Neodymium	150-2	0	3	0	1	173.21	cps
Nickel	60-2	220	230	230	227	2.55	cps
Phosphorus	31-2	325	225	333	294	20.47	cps
Potassium	39-2	29288	29463	27777	28843	3.21	cps
Rhodium	103-1	5583140	5525592	5433501	5514078	1.37	cps
Rhodium	103-2	2582616	2569054	2575916	2575862	0.26	cps
Scandium	45-1	4703973	4607041	4526224	4612413	1.93	cps
Scandium	45-2	193529	193700	194516	193915	0.27	cps
Selenium	77-2	3	0	3	2	86.60	cps
Selenium	78-2	28	44	28	33	28.86	cps
Selenium	82-1	34	8	-39	1	4063.18	cps
Silicon	28-1	43622536	42757315	42753744	43044532	1.16	cps
Silver	109-1	292	433	275	333	26.10	cps
Silver	107-1	333	383	392	369	8.54	cps
Sodium	23-2	39632706	39479985	39371664	39494785	0.33	cps
Strontium	86-1	12056	11588	11955	11866	2.07	cps
Strontium	88-1	101624	98721	96281	98875	2.71	cps
Sulfur	34-1	791944	772338	765576	776619	1.76	cps
Terbium	159-1	8291562	8241715	8158186	8230488	0.82	cps
Terbium	159-2	4445989	4432224	4384734	4420982	0.73	cps
Thallium	203-1	592	575	667	611	7.99	cps
Thallium	205-1	1417	1467	1592	1492	6.04	cps
Thorium	232-1	411	433	417	420	2.75	cps
Tin	118-1	1250	1325	1275	1283	2.98	cps
Titanium	47-1	642	767	758	722	9.68	cps
Uranium	238-1	34940	34923	34522	34795	0.68	cps
Vanadium	51-2	35433	35834	36067	35778	0.90	cps
Yttrium	89-1	6756349	6662711	6567028	6662030	1.42	cps
Yttrium	89-2	986068	986323	984012	985468	0.13	cps

LB Number :	LB98267	Operator :	Jaswal
Lab Sample ID :	J5082-31	Instrumnet Name :	P7
Client Sample ID :	380912101	Dilution Factor :	1
Date & Time Acquired ::	2018-10-01 11:36:51	DataFile Name :	023SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zinc	66-2	5444	5248	5564	5419	2.95	cps
Zirconium	90-1	783	817	642	747	12.44	cps
Zirconium	91-1	267	142	183	197	32.27	cps

LB Number :	LB98267	Operator :	Jaswal
Lab Sample ID :	J5082-31DUP	Instrumnet Name :	P7
Client Sample ID :	380912101DUP	Dilution Factor :	1
Date & Time Acquired ::	2018-10-01 11:40:26	DataFile Name :	024SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	1650	1408	1850	1636	13.52	cps
Antimony	121-1	833	1050	1000	961	11.80	cps
Arsenic	75-1	12856	13453	13215	13175	2.28	cps
Barium	135-1	958	975	767	900	12.86	cps
Barium	137-1	1817	1617	1800	1745	6.36	cps
Beryllium	9-1	61	100	100	87	25.80	cps
Bismuth	209-1	4849973	4817995	4780836	4816268	0.72	cps
Bismuth	209-2	3018338	3058574	3028035	3034983	0.69	cps
Boron	11-1	326334	330229	335522	330695	1.39	cps
Boron	10-1	73044	73814	75104	73987	1.41	cps
Cadmium	106-1	2017	1692	2075	1928	10.72	cps
Cadmium	108-1	13	0	4	6	114.53	cps
Cadmium	111-1	1424	1263	1512	1400	9.01	cps
Calcium	43-1	10462	10462	10562	10496	0.55	cps
Calcium	44-1	178186	176683	175107	176659	0.87	cps
Chromium	52-2	937	993	977	969	3.01	cps
Cobalt	59-2	180	160	147	162	10.34	cps
Copper	63-2	80007	80513	80077	80199	0.34	cps
Dysprosium	156-1	8	17	8	11	43.34	cps
Dysprosium	156-2	7	3	0	3	100.05	cps
Erbium	164-2	3	20	20	14	66.64	cps
Erbium	164-1	25	42	42	36	26.65	cps
Gadolinium	160-1	33	42	33	36	13.33	cps
Gadolinium	160-2	90	117	123	110	16.04	cps
Holmium	165-1	7949099	7922044	7827098	7899414	0.81	cps
Holmium	165-2	4337989	4383747	4344899	4355545	0.57	cps
Indium	115-1	6003282	5943119	5919983	5955461	0.72	cps
Indium	115-2	1199185	1209763	1213313	1207420	0.61	cps
Iron	56-2	108188	105941	103456	105862	2.24	cps
Iron	57-2	2673	2806	2923	2800	4.47	cps
Krypton	83-1	153	140	163	152	7.69	cps
Lead	206-1	2172	2350	2189	2237	4.39	cps
Lead	207-1	1900	2172	1922	1998	7.57	cps
Lead	208-1	8696	9157	8729	8861	2.90	cps
Lithium	6-1	3657678	3615436	3600224	3624446	0.82	cps
Magnesium	24-2	24797	24863	23686	24448	2.70	cps

LB Number :	LB98267	Operator :	Jaswal
Lab Sample ID :	J5082-31DUP	Instrumnet Name :	P7
Client Sample ID :	380912101DUP	Dilution Factor :	1
Date & Time Acquired ::	2018-10-01 11:40:26	DataFile Name :	024SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	907	933	950	930	2.35	cps
Molybdenum	94-1	12473	11897	11197	11855	5.39	cps
Molybdenum	95-1	20148	20407	20056	20204	0.90	cps
Molybdenum	96-1	21868	22109	20949	21642	2.83	cps
Molybdenum	97-1	12906	13207	13098	13070	1.16	cps
Molybdenum	98-1	32430	32287	33065	32594	1.27	cps
Neodymium	150-1	20	27	20	22	17.33	cps
Neodymium	150-2	10	7	10	9	21.63	cps
Nickel	60-2	183	207	130	173	22.67	cps
Phosphorus	31-2	333	333	283	317	9.12	cps
Potassium	39-2	29138	29848	28194	29060	2.85	cps
Rhodium	103-1	5474588	5471322	5422354	5456088	0.54	cps
Rhodium	103-2	2536380	2566673	2551732	2551595	0.59	cps
Scandium	45-1	4598121	4576435	4518437	4564331	0.90	cps
Scandium	45-2	191091	193052	192698	192281	0.54	cps
Selenium	77-2	3	0	0	1	173.21	cps
Selenium	78-2	19	33	30	27	28.38	cps
Selenium	82-1	60	46	3	37	80.96	cps
Silicon	28-1	43894165	43290018	43112025	43432069	0.94	cps
Silver	109-1	367	417	517	433	17.62	cps
Silver	107-1	442	408	525	458	13.11	cps
Sodium	23-2	40784956	40897479	40303636	40662024	0.78	cps
Strontium	86-1	11822	11847	11980	11883	0.72	cps
Strontium	88-1	101734	101650	99200	100861	1.43	cps
Sulfur	34-1	772663	773847	768105	771538	0.39	cps
Terbium	159-1	8336561	8232456	8146589	8238536	1.15	cps
Terbium	159-2	4358531	4395143	4372469	4375381	0.42	cps
Thallium	203-1	442	483	383	436	11.52	cps
Thallium	205-1	925	1058	1275	1086	16.26	cps
Thorium	232-1	456	417	428	433	4.62	cps
Tin	118-1	1317	1300	1258	1292	2.33	cps
Titanium	47-1	733	733	825	764	6.93	cps
Uranium	238-1	36661	35182	36352	36065	2.16	cps
Vanadium	51-2	37227	38340	37785	37784	1.47	cps
Yttrium	89-1	6662475	6632351	6598686	6631171	0.48	cps
Yttrium	89-2	967075	981514	977346	975312	0.76	cps

LB Number :	LB98267	Operator :	Jaswal
Lab Sample ID :	J5082-31DUP	Instrumnet Name :	P7
Client Sample ID :	380912101DUP	Dilution Factor :	1
Date & Time Acquired ::	2018-10-01 11:40:26	DataFile Name :	024SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zinc	66-2	5304	5438	5434	5392	1.41	cps
Zirconium	90-1	725	850	592	722	17.89	cps
Zirconium	91-1	225	183	158	189	17.83	cps

LB Number :	LB98267	Operator :	Jaswal
Lab Sample ID :	J5082-31LX5	Instrumnet Name :	P7
Client Sample ID :	380912101L	Dilution Factor :	5
Date & Time Acquired ::	2018-10-01 11:44:01	DataFile Name :	025SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	408	308	258	325	23.50	cps
Antimony	121-1	258	258	267	261	1.84	cps
Arsenic	75-1	2797	2691	2759	2749	1.96	cps
Barium	135-1	217	208	250	225	9.80	cps
Barium	137-1	408	325	408	381	12.64	cps
Beryllium	9-1	72	100	72	81	19.68	cps
Bismuth	209-1	4305993	4319141	4334625	4319919	0.33	cps
Bismuth	209-2	2825459	2808953	2802014	2812142	0.43	cps
Boron	11-1	87570	87487	87604	87554	0.07	cps
Boron	10-1	19572	19246	19296	19371	0.90	cps
Cadmium	106-1	2067	1792	1625	1828	12.20	cps
Cadmium	108-1	17	0	8	8	100.02	cps
Cadmium	111-1	1448	1254	1165	1289	11.21	cps
Calcium	43-1	1917	2084	2109	2036	5.12	cps
Calcium	44-1	36989	35686	36479	36385	1.80	cps
Chromium	52-2	633	553	547	578	8.35	cps
Cobalt	59-2	30	63	77	57	42.42	cps
Copper	63-2	15408	15472	15435	15438	0.21	cps
Dysprosium	156-1	0	17	0	6	173.21	cps
Dysprosium	156-2	0	0	0	0	0.00	cps
Erbium	164-2	17	17	7	13	43.29	cps
Erbium	164-1	8	8	0	6	86.60	cps
Gadolinium	160-1	42	33	25	33	25.01	cps
Gadolinium	160-2	123	83	127	111	21.71	cps
Holmium	165-1	6924818	6999379	6896259	6940152	0.77	cps
Holmium	165-2	3952272	3931816	3920332	3934807	0.41	cps
Indium	115-1	5356859	5333813	5363539	5351404	0.29	cps
Indium	115-2	1098990	1099552	1112297	1103613	0.68	cps
Iron	56-2	21511	22529	22284	22108	2.40	cps
Iron	57-2	550	561	594	569	4.07	cps
Krypton	83-1	157	177	143	159	10.56	cps
Lead	206-1	822	706	733	754	8.09	cps
Lead	207-1	711	650	694	685	4.61	cps
Lead	208-1	3061	2711	3017	2930	6.50	cps
Lithium	6-1	3211310	3219280	3195069	3208553	0.38	cps
Magnesium	24-2	4284	4584	4526	4465	3.56	cps

LB Number :	LB98267	Operator :	Jaswal
Lab Sample ID :	J5082-31LX5	Instrumnet Name :	P7
Client Sample ID :	380912101L	Dilution Factor :	5
Date & Time Acquired ::	2018-10-01 11:44:01	DataFile Name :	025SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	317	253	253	274	13.32	cps
Molybdenum	94-1	2400	2067	2192	2220	7.59	cps
Molybdenum	95-1	3509	3476	3217	3401	4.70	cps
Molybdenum	96-1	3842	3484	3767	3698	5.11	cps
Molybdenum	97-1	2092	2392	2342	2275	7.07	cps
Molybdenum	98-1	5935	5952	5760	5882	1.81	cps
Neodymium	150-1	13	0	7	7	99.98	cps
Neodymium	150-2	7	0	3	3	100.05	cps
Nickel	60-2	83	67	60	70	17.17	cps
Phosphorus	31-2	142	158	175	158	10.53	cps
Potassium	39-2	11738	11805	12047	11863	1.37	cps
Rhodium	103-1	5038021	5032922	5031692	5034211	0.07	cps
Rhodium	103-2	2403787	2383182	2407033	2398001	0.54	cps
Scandium	45-1	4090751	4093140	4107166	4097019	0.22	cps
Scandium	45-2	178274	176818	177718	177603	0.41	cps
Selenium	77-2	0	3	0	1	173.21	cps
Selenium	78-2	31	33	15	27	38.43	cps
Selenium	82-1	40	15	22	25	50.29	cps
Silicon	28-1	7576484	7594645	7643999	7605042	0.46	cps
Silver	109-1	217	267	233	239	10.66	cps
Silver	107-1	183	300	233	239	24.50	cps
Sodium	23-2	7234545	7185077	7187781	7202468	0.39	cps
Strontium	86-1	2484	2200	2450	2378	6.51	cps
Strontium	88-1	18237	17636	18104	17992	1.75	cps
Sulfur	34-1	228660	226944	224737	226780	0.87	cps
Terbium	159-1	7306951	7287058	7322408	7305472	0.24	cps
Terbium	159-2	3976500	3976124	3968312	3973645	0.12	cps
Thallium	203-1	133	125	158	139	12.49	cps
Thallium	205-1	467	433	408	436	6.71	cps
Thorium	232-1	372	472	494	446	14.59	cps
Tin	118-1	1317	1133	1342	1264	9.00	cps
Titanium	47-1	242	225	325	264	20.30	cps
Uranium	238-1	6010	6052	5810	5957	2.17	cps
Vanadium	51-2	6798	6728	6452	6659	2.75	cps
Yttrium	89-1	5940207	5932505	5965377	5946030	0.29	cps
Yttrium	89-2	887865	893927	894347	892046	0.41	cps

LB Number :	LB98267	Operator :	Jaswal
Lab Sample ID :	J5082-31LX5	Instrumnet Name :	P7
Client Sample ID :	380912101L	Dilution Factor :	5
Date & Time Acquired ::	2018-10-01 11:44:01	DataFile Name :	025SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zinc	66-2	1393	1343	1257	1331	5.19	cps
Zirconium	90-1	750	500	575	608	21.09	cps
Zirconium	91-1	108	133	108	117	12.37	cps

LB Number :	LB98267	Operator :	Jaswal
Lab Sample ID :	J5082-31MS	Instrumnet Name :	P7
Client Sample ID :	380912101MS	Dilution Factor :	1
Date & Time Acquired ::	2018-10-01 11:47:35	DataFile Name :	026SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	164175	168767	164933	165959	1.48	cps
Antimony	121-1	4786890	4694564	4640528	4707327	1.57	cps
Arsenic	75-1	1247138	1241963	1244121	1244407	0.21	cps
Barium	135-1	353670	348484	352043	351399	0.75	cps
Barium	137-1	611418	613384	613213	612671	0.18	cps
Beryllium	9-1	529228	528502	530678	529469	0.21	cps
Bismuth	209-1	4807831	4719466	4681119	4736139	1.37	cps
Bismuth	209-2	2999846	2993788	2986357	2993330	0.23	cps
Boron	11-1	807286	834016	854949	832084	2.87	cps
Boron	10-1	181636	186661	192635	186977	2.95	cps
Cadmium	106-1	35237	34209	33983	34476	1.94	cps
Cadmium	108-1	24968	24726	24755	24816	0.53	cps
Cadmium	111-1	370438	366972	368777	368729	0.47	cps
Calcium	43-1	44234	45554	44994	44927	1.48	cps
Calcium	44-1	694835	693627	695397	694620	0.13	cps
Chromium	52-2	909710	908308	910474	909497	0.12	cps
Cobalt	59-2	705913	701368	702755	703345	0.33	cps
Copper	63-2	792551	804793	797888	798411	0.77	cps
Dysprosium	156-1	278052	278282	278798	278378	0.14	cps
Dysprosium	156-2	100118	102656	100870	101215	1.29	cps
Erbium	164-2	67	57	47	57	17.65	cps
Erbium	164-1	58	117	117	97	34.64	cps
Gadolinium	160-1	175	233	158	189	20.85	cps
Gadolinium	160-2	177	150	217	181	18.53	cps
Holmium	165-1	7926027	7787353	7672719	7795366	1.63	cps
Holmium	165-2	4301375	4298414	4285630	4295140	0.19	cps
Indium	115-1	5943132	5793868	5795569	5844190	1.47	cps
Indium	115-2	1195727	1209774	1211121	1205541	0.71	cps
Iron	56-2	5961815	5940415	5924075	5942101	0.32	cps
Iron	57-2	143656	147095	144043	144931	1.30	cps
Krypton	83-1	197	203	243	214	11.77	cps
Lead	206-1	5631945	5538854	5516471	5562424	1.10	cps
Lead	207-1	5046510	4988162	4956880	4997184	0.91	cps
Lead	208-1	22673753	22385885	22343834	22467824	0.80	cps
Lithium	6-1	3632836	3584541	3563184	3593521	0.99	cps
Magnesium	24-2	437798	441156	432811	437255	0.96	cps

LB Number :	LB98267	Operator :	Jaswal
Lab Sample ID :	J5082-31MS	Instrumnet Name :	P7
Client Sample ID :	380912101MS	Dilution Factor :	1
Date & Time Acquired ::	2018-10-01 11:47:35	DataFile Name :	026SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	281115	280825	281470	281136	0.11	cps
Molybdenum	94-1	844289	843887	847485	845220	0.23	cps
Molybdenum	95-1	1469852	1454819	1462238	1462303	0.51	cps
Molybdenum	96-1	1560191	1553220	1553452	1555621	0.25	cps
Molybdenum	97-1	923341	923796	923377	923505	0.03	cps
Molybdenum	98-1	2380808	2338784	2324980	2348191	1.24	cps
Neodymium	150-1	100	113	87	100	13.33	cps
Neodymium	150-2	37	27	23	29	24.03	cps
Nickel	60-2	448003	451118	447552	448891	0.43	cps
Phosphorus	31-2	28085	27535	27234	27618	1.56	cps
Potassium	39-2	1716088	1723153	1700298	1713180	0.68	cps
Rhodium	103-1	5530789	5366359	5314414	5403854	2.09	cps
Rhodium	103-2	2502881	2526235	2510203	2513107	0.48	cps
Scandium	45-1	4599209	4485459	4478334	4521000	1.50	cps
Scandium	45-2	192840	194008	191104	192651	0.76	cps
Selenium	77-2	14958	14681	14931	14857	1.03	cps
Selenium	78-2	49293	49294	49224	49270	0.08	cps
Selenium	82-1	309201	312970	314527	312233	0.88	cps
Silicon	28-1	47817729	47737988	47254742	47603486	0.64	cps
Silver	109-1	612615	610982	620217	614605	0.80	cps
Silver	107-1	634685	638372	638680	637246	0.35	cps
Sodium	23-2	40552093	40275561	40013417	40280357	0.67	cps
Strontium	86-1	487019	485168	483469	485218	0.37	cps
Strontium	88-1	4199655	4162552	4143050	4168419	0.69	cps
Sulfur	34-1	745936	752650	749305	749297	0.45	cps
Terbium	159-1	8297941	8128313	8053013	8159756	1.54	cps
Terbium	159-2	4323074	4331190	4331029	4328431	0.11	cps
Thallium	203-1	13661878	13616228	13474171	13584092	0.72	cps
Thallium	205-1	31760326	31404991	31408203	31524507	0.65	cps
Thorium	232-1	800	978	956	911	10.63	cps
Tin	118-1	4162036	4147603	4054094	4121244	1.42	cps
Titanium	47-1	235847	235942	237294	236361	0.34	cps
Uranium	238-1	35642	36285	35374	35767	1.31	cps
Vanadium	51-2	600011	601948	598206	600055	0.31	cps
Yttrium	89-1	6725969	6496537	6483467	6568658	2.08	cps
Yttrium	89-2	975296	983077	981402	979925	0.42	cps

LB Number :	LB98267	Operator :	Jaswal
Lab Sample ID :	J5082-31MS	Instrumnet Name :	P7
Client Sample ID :	380912101MS	Dilution Factor :	1
Date & Time Acquired ::	2018-10-01 11:47:35	DataFile Name :	026SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zinc	66-2	97006	96623	95952	96527	0.55	cps
Zirconium	90-1	4468	4017	4284	4256	5.32	cps
Zirconium	91-1	1450	1500	1383	1445	4.05	cps

LB Number :	LB98267	Operator :	Jaswal
Lab Sample ID :	J5082-31MSD	Instrumnet Name :	P7
Client Sample ID :	380912101MSD	Dilution Factor :	1
Date & Time Acquired ::	2018-10-01 11:51:10	DataFile Name :	027SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	162176	164233	162770	163060	0.65	cps
Antimony	121-1	4757043	4712443	4678921	4716136	0.83	cps
Arsenic	75-1	1274852	1282684	1286284	1281273	0.46	cps
Barium	135-1	361607	356757	362720	360361	0.88	cps
Barium	137-1	629018	624276	621757	625017	0.59	cps
Beryllium	9-1	530734	523292	522677	525568	0.85	cps
Bismuth	209-1	4732662	4693777	4703561	4710000	0.43	cps
Bismuth	209-2	3000690	3018602	3007089	3008794	0.30	cps
Boron	11-1	848269	863243	874610	862041	1.53	cps
Boron	10-1	187862	194257	195979	192699	2.22	cps
Cadmium	106-1	36824	36306	36181	36437	0.94	cps
Cadmium	108-1	25582	25640	25590	25604	0.12	cps
Cadmium	111-1	380874	382606	383622	382367	0.36	cps
Calcium	43-1	39838	40097	39596	39844	0.63	cps
Calcium	44-1	624161	619558	623740	622486	0.41	cps
Chromium	52-2	920296	922530	931309	924712	0.63	cps
Cobalt	59-2	722469	728637	723614	724907	0.45	cps
Copper	63-2	814575	825596	823577	821249	0.71	cps
Dysprosium	156-1	293749	294393	294825	294323	0.18	cps
Dysprosium	156-2	104440	106306	104725	105157	0.96	cps
Erbium	164-2	43	37	50	43	15.38	cps
Erbium	164-1	67	83	58	69	18.33	cps
Gadolinium	160-1	167	117	133	139	18.33	cps
Gadolinium	160-2	157	153	183	164	10.00	cps
Holmium	165-1	7791808	7689873	7720275	7733986	0.68	cps
Holmium	165-2	4326325	4334189	4343297	4334603	0.20	cps
Indium	115-1	5825797	5819335	5834907	5826680	0.13	cps
Indium	115-2	1220313	1226465	1221785	1222855	0.26	cps
Iron	56-2	6032691	5997060	5956581	5995444	0.64	cps
Iron	57-2	146383	148632	147258	147424	0.77	cps
Krypton	83-1	200	240	230	223	9.32	cps
Lead	206-1	5599882	5590790	5562090	5584254	0.35	cps
Lead	207-1	5035348	4995492	4994634	5008491	0.46	cps
Lead	208-1	22676956	22520990	22483799	22560581	0.45	cps
Lithium	6-1	3488712	3463032	3450103	3467283	0.57	cps
Magnesium	24-2	421156	418139	425888	421728	0.93	cps

LB Number :	LB98267	Operator :	Jaswal
Lab Sample ID :	J5082-31MSD	Instrumnet Name :	P7
Client Sample ID :	380912101MSD	Dilution Factor :	1
Date & Time Acquired ::	2018-10-01 11:51:10	DataFile Name :	027SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	282532	280318	283820	282224	0.63	cps
Molybdenum	94-1	854302	867670	867057	863010	0.87	cps
Molybdenum	95-1	1484886	1485284	1511567	1493912	1.02	cps
Molybdenum	96-1	1587386	1594818	1594935	1592380	0.27	cps
Molybdenum	97-1	941101	949558	947532	946064	0.47	cps
Molybdenum	98-1	2401011	2381959	2362935	2381968	0.80	cps
Neodymium	150-1	73	93	60	76	22.21	cps
Neodymium	150-2	30	20	23	24	20.83	cps
Nickel	60-2	460026	461413	462837	461425	0.30	cps
Phosphorus	31-2	28445	28144	28261	28283	0.54	cps
Potassium	39-2	1744947	1749767	1753249	1749321	0.24	cps
Rhodium	103-1	5427710	5388728	5381978	5399472	0.46	cps
Rhodium	103-2	2542393	2548137	2540778	2543769	0.15	cps
Scandium	45-1	4474535	4410848	4409282	4431555	0.84	cps
Scandium	45-2	195853	195481	194369	195234	0.40	cps
Selenium	77-2	15572	15562	15228	15454	1.27	cps
Selenium	78-2	50669	50664	51114	50816	0.51	cps
Selenium	82-1	322120	322600	322380	322367	0.07	cps
Silicon	28-1	47860738	47263428	47452523	47525563	0.64	cps
Silver	109-1	624840	628687	628191	627239	0.33	cps
Silver	107-1	651598	658744	656465	655602	0.56	cps
Sodium	23-2	40130996	39948737	40026683	40035472	0.23	cps
Strontium	86-1	488629	494314	493871	492271	0.64	cps
Strontium	88-1	4236925	4213264	4155468	4201886	1.00	cps
Sulfur	34-1	753537	750445	753612	752531	0.24	cps
Terbium	159-1	8153332	8031025	8032234	8072197	0.87	cps
Terbium	159-2	4379603	4375464	4338734	4364600	0.52	cps
Thallium	203-1	13774471	13707556	13714175	13732067	0.27	cps
Thallium	205-1	31801581	31841618	31793473	31812224	0.08	cps
Thorium	232-1	606	622	667	632	5.00	cps
Tin	118-1	4198700	4146396	4126545	4157214	0.90	cps
Titanium	47-1	238953	239355	234789	237699	1.06	cps
Uranium	238-1	35082	37129	36452	36221	2.88	cps
Vanadium	51-2	611324	616517	617333	615058	0.53	cps
Yttrium	89-1	6542040	6456826	6478490	6492452	0.68	cps
Yttrium	89-2	995243	1005437	1001030	1000570	0.51	cps

LB Number :	LB98267	Operator :	Jaswal
Lab Sample ID :	J5082-31MSD	Instrumnet Name :	P7
Client Sample ID :	380912101MSD	Dilution Factor :	1
Date & Time Acquired ::	2018-10-01 11:51:10	DataFile Name :	027SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zinc	66-2	86253	86725	86383	86454	0.28	cps
Zirconium	90-1	1767	2009	1892	1889	6.40	cps
Zirconium	91-1	992	950	892	945	5.32	cps

LB Number :	LB98267	Operator :	Jaswal
Lab Sample ID :	J5082-31A	Instrumnet Name :	P7
Client Sample ID :	380912101A	Dilution Factor :	1
Date & Time Acquired ::	2018-10-01 11:54:46	DataFile Name :	028SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	165261	167528	166535	166442	0.68	cps
Antimony	121-1	4856055	4807185	4746536	4803259	1.14	cps
Arsenic	75-1	1320727	1317117	1325967	1321270	0.34	cps
Barium	135-1	366595	368056	369771	368141	0.43	cps
Barium	137-1	635200	639348	651540	642030	1.32	cps
Beryllium	9-1	524692	527156	526234	526027	0.24	cps
Bismuth	209-1	4817728	4803327	4833809	4818288	0.32	cps
Bismuth	209-2	3006027	3006308	3047445	3019927	0.79	cps
Boron	11-1	861849	872164	892022	875345	1.75	cps
Boron	10-1	191052	195768	198005	194942	1.82	cps
Cadmium	106-1	36481	37091	37759	37111	1.72	cps
Cadmium	108-1	26028	26179	25786	25998	0.76	cps
Cadmium	111-1	386340	391941	393344	390542	0.95	cps
Calcium	43-1	43841	42729	43766	43445	1.43	cps
Calcium	44-1	677859	680871	680946	679892	0.26	cps
Chromium	52-2	938094	934722	935429	936082	0.19	cps
Cobalt	59-2	730040	726980	726206	727742	0.28	cps
Copper	63-2	832685	833443	827141	831090	0.41	cps
Dysprosium	156-1	303033	308948	301220	304400	1.33	cps
Dysprosium	156-2	106381	104527	105662	105523	0.89	cps
Erbium	164-2	63	40	63	56	24.25	cps
Erbium	164-1	117	75	67	86	31.11	cps
Gadolinium	160-1	133	200	125	153	26.91	cps
Gadolinium	160-2	157	170	180	169	6.93	cps
Holmium	165-1	7956147	7925950	8028692	7970263	0.66	cps
Holmium	165-2	4330328	4319089	4416871	4355429	1.23	cps
Indium	115-1	5961496	5968682	6028072	5986084	0.61	cps
Indium	115-2	1224777	1225298	1240724	1230266	0.74	cps
Iron	56-2	6122212	6067855	6093254	6094440	0.45	cps
Iron	57-2	148796	150120	148174	149030	0.67	cps
Krypton	83-1	280	257	243	260	7.14	cps
Lead	206-1	5762182	5701760	5680389	5714777	0.74	cps
Lead	207-1	5179183	5126205	5081316	5128902	0.96	cps
Lead	208-1	23322864	23105447	22928321	23118877	0.85	cps
Lithium	6-1	3473979	3462208	3485706	3473964	0.34	cps
Magnesium	24-2	438237	434164	434799	435734	0.50	cps

LB Number :	LB98267	Operator :	Jaswal
Lab Sample ID :	J5082-31A	Instrumnet Name :	P7
Client Sample ID :	380912101A	Dilution Factor :	1
Date & Time Acquired ::	2018-10-01 11:54:46	DataFile Name :	028SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	287460	286809	286077	286782	0.24	cps
Molybdenum	94-1	881511	886799	879164	882491	0.44	cps
Molybdenum	95-1	1514239	1533667	1542289	1530065	0.94	cps
Molybdenum	96-1	1623992	1623212	1636537	1627914	0.46	cps
Molybdenum	97-1	969975	970753	968755	969828	0.10	cps
Molybdenum	98-1	2466867	2443406	2416783	2442352	1.03	cps
Neodymium	150-1	87	113	80	93	18.90	cps
Neodymium	150-2	17	30	47	31	48.31	cps
Nickel	60-2	465892	467542	467584	467006	0.21	cps
Phosphorus	31-2	29188	28278	29046	28837	1.70	cps
Potassium	39-2	1762682	1764182	1763921	1763595	0.05	cps
Rhodium	103-1	5554693	5502880	5516070	5524548	0.49	cps
Rhodium	103-2	2552150	2560286	2587979	2566805	0.73	cps
Scandium	45-1	4573757	4536042	4580608	4563469	0.53	cps
Scandium	45-2	194890	195144	198842	196292	1.13	cps
Selenium	77-2	15782	15405	15445	15544	1.33	cps
Selenium	78-2	51430	51377	51946	51584	0.61	cps
Selenium	82-1	327857	333373	330632	330621	0.83	cps
Silicon	28-1	48921638	48356681	48185230	48487850	0.79	cps
Silver	109-1	640025	640991	646391	642469	0.53	cps
Silver	107-1	663378	670208	673594	669060	0.78	cps
Sodium	23-2	40834968	40827648	40484109	40715575	0.49	cps
Strontium	86-1	510881	504552	508785	508073	0.63	cps
Strontium	88-1	4337969	4313986	4320625	4324193	0.29	cps
Sulfur	34-1	776653	773789	771733	774058	0.32	cps
Terbium	159-1	8323400	8307066	8321704	8317390	0.11	cps
Terbium	159-2	4371539	4388781	4449397	4403239	0.93	cps
Thallium	203-1	14036770	14004458	14038179	14026469	0.14	cps
Thallium	205-1	32383076	32495498	32264461	32381011	0.36	cps
Thorium	232-1	661	639	650	650	1.71	cps
Tin	118-1	4279796	4258283	4265366	4267815	0.26	cps
Titanium	47-1	245486	242807	244630	244308	0.56	cps
Uranium	238-1	37589	36176	38007	37257	2.57	cps
Vanadium	51-2	620710	617920	620246	619625	0.24	cps
Yttrium	89-1	6720132	6665530	6749767	6711810	0.64	cps
Yttrium	89-2	997577	998440	1015775	1003931	1.02	cps

LB Number :	LB98267	Operator :	Jaswal
Lab Sample ID :	J5082-31A	Instrumnet Name :	P7
Client Sample ID :	380912101A	Dilution Factor :	1
Date & Time Acquired ::	2018-10-01 11:54:46	DataFile Name :	028SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zinc	66-2	94852	96047	94258	95052	0.96	cps
Zirconium	90-1	2759	2809	2709	2759	1.81	cps
Zirconium	91-1	1083	1208	1083	1125	6.42	cps

LB Number :	LB98267	Operator :	Jaswal
Lab Sample ID :	CCV18	Instrumnet Name :	P7
Client Sample ID :	CCV18	Dilution Factor :	1
Date & Time Acquired ::	2018-10-01 11:58:20	DataFile Name :	029CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	4035969	4018340	4021908	4025405	0.23	cps
Antimony	121-1	2723054	2724142	2756146	2734447	0.69	cps
Arsenic	75-1	620620	627237	636657	628171	1.28	cps
Barium	135-1	3825961	3823843	3843923	3831242	0.29	cps
Barium	137-1	6588654	6567115	6612965	6589578	0.35	cps
Beryllium	9-1	1066459	1063783	1082969	1071070	0.97	cps
Bismuth	209-1	3743691	3788779	3772480	3768317	0.61	cps
Bismuth	209-2	2369831	2397056	2391776	2386221	0.61	cps
Boron	11-1	809906	832531	834161	825533	1.64	cps
Boron	10-1	179958	185119	189649	184909	2.62	cps
Cadmium	106-1	80445	81576	81451	81157	0.76	cps
Cadmium	108-1	54103	56010	56152	55422	2.06	cps
Cadmium	111-1	719231	724858	728075	724055	0.62	cps
Calcium	43-1	5642699	5628596	5607848	5626381	0.31	cps
Calcium	44-1	88941367	88696094	89814869	89150776	0.66	cps
Chromium	52-2	1071428	1078514	1081482	1077141	0.48	cps
Cobalt	59-2	1512782	1524473	1524744	1520666	0.45	cps
Copper	63-2	1903969	1935103	1926851	1921974	0.84	cps
Dysprosium	156-1	225	158	158	181	21.32	cps
Dysprosium	156-2	120	123	93	112	14.65	cps
Erbium	164-2	33	37	17	29	37.08	cps
Erbium	164-1	58	42	42	47	20.38	cps
Gadolinium	160-1	133	83	108	108	23.08	cps
Gadolinium	160-2	137	127	110	124	10.83	cps
Holmium	165-1	6850652	6807894	6804440	6820995	0.38	cps
Holmium	165-2	3745287	3806144	3782011	3777814	0.81	cps
Indium	115-1	4809462	4831203	4864710	4835125	0.58	cps
Indium	115-2	1025422	1028825	1043592	1032613	0.94	cps
Iron	56-2	213621727	213527683	214841983	213997131	0.34	cps
Iron	57-2	5142107	5143535	5113841	5133161	0.33	cps
Krypton	83-1	173	217	163	184	15.37	cps
Lead	206-1	2351153	2350089	2387675	2362972	0.91	cps
Lead	207-1	2147283	2148466	2160247	2151999	0.33	cps
Lead	208-1	9576592	9593360	9668687	9612880	0.51	cps
Lithium	6-1	2942469	2987756	2983796	2971340	0.84	cps
Magnesium	24-2	44119821	44121852	44073209	44104961	0.06	cps

LB Number :	LB98267	Operator :	Jaswal
Lab Sample ID :	CCV18	Instrumnet Name :	P7
Client Sample ID :	CCV18	Dilution Factor :	1
Date & Time Acquired ::	2018-10-01 11:58:20	DataFile Name :	029CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	1241100	1250697	1262811	1251536	0.87	cps
Molybdenum	94-1	6684998	6701980	6757873	6714950	0.57	cps
Molybdenum	95-1	8148108	8174454	8174142	8165568	0.19	cps
Molybdenum	96-1	8993654	9046918	9018956	9019843	0.30	cps
Molybdenum	97-1	5129589	5156799	5140556	5142315	0.27	cps
Molybdenum	98-1	12933283	13046670	13051546	13010500	0.51	cps
Neodymium	150-1	293	333	347	324	8.55	cps
Neodymium	150-2	43	67	73	61	25.78	cps
Nickel	60-2	388553	395128	395792	393158	1.02	cps
Phosphorus	31-2	40781	41116	40874	40924	0.42	cps
Potassium	39-2	19678686	19617656	19728040	19674794	0.28	cps
Rhodium	103-1	4338387	4351967	4353387	4347914	0.19	cps
Rhodium	103-2	2045420	2066849	2061513	2057928	0.54	cps
Scandium	45-1	3866962	3868433	3874978	3870124	0.11	cps
Scandium	45-2	172922	174848	175778	174516	0.83	cps
Selenium	77-2	2654	2747	2554	2651	3.65	cps
Selenium	78-2	8762	9092	9070	8974	2.05	cps
Selenium	82-1	55501	55911	55921	55778	0.43	cps
Silicon	28-1	2933242	2985810	2996991	2972014	1.15	cps
Silver	109-1	3489802	3476833	3503270	3489968	0.38	cps
Silver	107-1	3639937	3631558	3669087	3646860	0.54	cps
Sodium	23-2	86130319	87321127	86860877	86770774	0.69	cps
Strontium	86-1	1043276	1049209	1059832	1050772	0.80	cps
Strontium	88-1	9138435	9242304	9144649	9175130	0.63	cps
Sulfur	34-1	532118	536341	536389	534949	0.46	cps
Terbium	159-1	7050804	7064047	7097262	7070704	0.34	cps
Terbium	159-2	3769672	3785373	3782057	3779034	0.22	cps
Thallium	203-1	2963166	2963173	2965231	2963856	0.04	cps
Thallium	205-1	6880880	6814935	6922768	6872861	0.79	cps
Thorium	232-1	10886902	10757422	10831989	10825438	0.60	cps
Tin	118-1	2538692	2517335	2545166	2533731	0.57	cps
Titanium	47-1	2570370	2574429	2566385	2570395	0.16	cps
Uranium	238-1	10411677	10279567	10395921	10362388	0.70	cps
Vanadium	51-2	865608	873111	877434	872051	0.69	cps
Yttrium	89-1	5608170	5663410	5618310	5629963	0.52	cps
Yttrium	89-2	862663	874768	876009	871146	0.85	cps

LB Number :	LB98267	Operator :	Jaswal
Lab Sample ID :	CCV18	Instrumnet Name :	P7
Client Sample ID :	CCV18	Dilution Factor :	1
Date & Time Acquired ::	2018-10-01 11:58:20	DataFile Name :	029CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zinc	66-2	293915	296917	296815	295883	0.58	cps
Zirconium	90-1	5766328	5735051	5733105	5744828	0.32	cps
Zirconium	91-1	1234601	1248507	1248963	1244024	0.66	cps

LB Number : LB98267 Operator : Jaswal
 Lab Sample ID : CCB18 Instrumnet Name : P7
 Client Sample ID : CCB18 Dilution Factor : 1
 Date & Time Acquired :: 2018-10-01 12:02:00 DataFile Name : 030CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	200	167	125	164	22.93	cps
Antimony	121-1	1850	2042	1775	1889	7.28	cps
Arsenic	75-1	101	181	-95	62	227.70	cps
Barium	135-1	150	175	108	144	23.32	cps
Barium	137-1	175	317	217	236	30.84	cps
Beryllium	9-1	144	161	222	176	23.28	cps
Bismuth	209-1	4286840	4628416	4362421	4425892	4.05	cps
Bismuth	209-2	2839587	2789829	2880257	2836558	1.60	cps
Boron	11-1	73286	68606	63016	68303	7.53	cps
Boron	10-1	15750	14958	14349	15019	4.68	cps
Cadmium	106-1	1759	2075	1825	1886	8.85	cps
Cadmium	108-1	8	8	17	11	43.34	cps
Cadmium	111-1	1363	1555	1387	1435	7.31	cps
Calcium	43-1	308	367	275	317	14.65	cps
Calcium	44-1	7727	7903	7394	7675	3.37	cps
Chromium	52-2	407	457	420	428	6.05	cps
Cobalt	59-2	67	80	73	73	9.09	cps
Copper	63-2	1080	1093	1047	1073	2.24	cps
Dysprosium	156-1	8	25	8	14	69.31	cps
Dysprosium	156-2	0	0	0	0	0.00	cps
Erbium	164-2	0	40	20	20	100.00	cps
Erbium	164-1	8	33	8	17	86.62	cps
Gadolinium	160-1	33	75	33	47	50.95	cps
Gadolinium	160-2	83	150	80	104	37.81	cps
Holmium	165-1	6778064	7393430	7030682	7067392	4.38	cps
Holmium	165-2	3941529	3894274	4009034	3948279	1.46	cps
Indium	115-1	5184320	5716597	5363250	5421389	5.00	cps
Indium	115-2	1113679	1098825	1137846	1116784	1.76	cps
Iron	56-2	8275	8164	8108	8182	1.04	cps
Iron	57-2	239	222	206	222	7.50	cps
Krypton	83-1	180	187	193	187	3.57	cps
Lead	206-1	539	422	406	456	15.95	cps
Lead	207-1	411	428	500	446	10.59	cps
Lead	208-1	1900	1922	1895	1906	0.77	cps
Lithium	6-1	3199778	3410078	3260452	3290103	3.29	cps
Magnesium	24-2	983	1233	1233	1150	12.55	cps

LB Number :	LB98267	Operator :	Jaswal
Lab Sample ID :	CCB18	Instrumnet Name :	P7
Client Sample ID :	CCB18	Dilution Factor :	1
Date & Time Acquired ::	2018-10-01 12:02:00	DataFile Name :	030CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	107	43	67	72	44.35	cps
Molybdenum	94-1	1242	942	867	1017	19.52	cps
Molybdenum	95-1	1559	1367	1267	1397	10.61	cps
Molybdenum	96-1	1875	1533	1600	1670	10.85	cps
Molybdenum	97-1	967	1008	767	914	14.14	cps
Molybdenum	98-1	2367	2425	1817	2203	15.24	cps
Neodymium	150-1	7	0	13	7	99.98	cps
Neodymium	150-2	0	0	0	0	0.00	cps
Nickel	60-2	53	33	67	51	32.83	cps
Phosphorus	31-2	108	133	133	125	11.55	cps
Potassium	39-2	9604	9387	9537	9509	1.17	cps
Rhodium	103-1	4925992	5381310	5026224	5111175	4.68	cps
Rhodium	103-2	2425065	2391916	2493367	2436783	2.12	cps
Scandium	45-1	3978085	4324010	4094378	4132158	4.26	cps
Scandium	45-2	179476	173227	182961	178554	2.76	cps
Selenium	77-2	0	3	0	1	173.21	cps
Selenium	78-2	44	24	26	31	35.79	cps
Selenium	82-1	15	-1	7	7	122.58	cps
Silicon	28-1	187266	186432	180999	184899	1.84	cps
Silver	109-1	458	642	517	539	17.38	cps
Silver	107-1	600	550	583	578	4.41	cps
Sodium	23-2	19163	19989	18437	19196	4.05	cps
Strontium	86-1	342	400	292	344	15.74	cps
Strontium	88-1	808	700	675	728	9.74	cps
Sulfur	34-1	143173	141599	142524	142432	0.56	cps
Terbium	159-1	7072442	7744824	7312578	7376614	4.62	cps
Terbium	159-2	3956395	3917622	4044429	3972815	1.64	cps
Thallium	203-1	1458	1425	1308	1397	5.64	cps
Thallium	205-1	3326	3426	2842	3198	9.76	cps
Thorium	232-1	1834	1822	1622	1759	6.75	cps
Tin	118-1	1267	1317	1258	1281	2.46	cps
Titanium	47-1	258	175	142	192	31.35	cps
Uranium	238-1	433	300	250	328	28.91	cps
Vanadium	51-2	37	50	57	48	21.31	cps
Yttrium	89-1	5777725	6261082	5922596	5987134	4.14	cps
Yttrium	89-2	895374	887947	926010	903110	2.23	cps

LB Number :	LB98267	Operator :	Jaswal
Lab Sample ID :	CCB18	Instrumnet Name :	P7
Client Sample ID :	CCB18	Dilution Factor :	1
Date & Time Acquired ::	2018-10-01 12:02:00	DataFile Name :	030CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zinc	66-2	290	277	253	273	6.79	cps
Zirconium	90-1	867	808	725	800	8.90	cps
Zirconium	91-1	175	217	142	178	21.14	cps

LB Number :	LB98267	Operator :	Jaswal
Lab Sample ID :	J5082-33	Instrumnet Name :	P7
Client Sample ID :	380912107	Dilution Factor :	1
Date & Time Acquired ::	2018-10-01 12:05:34	DataFile Name :	031SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	1675	1859	1750	1761	5.23	cps
Antimony	121-1	14466	14500	12781	13916	7.06	cps
Arsenic	75-1	11766	11474	12801	12014	5.81	cps
Barium	135-1	2050	2267	2234	2184	5.34	cps
Barium	137-1	3834	3609	3842	3762	3.52	cps
Beryllium	9-1	111	139	144	131	13.58	cps
Bismuth	209-1	4696725	4715485	4703058	4705089	0.20	cps
Bismuth	209-2	2916748	2942767	2954854	2938123	0.66	cps
Boron	11-1	723271	732865	740947	732361	1.21	cps
Boron	10-1	157766	162388	167233	162462	2.91	cps
Cadmium	106-1	2017	2000	1792	1936	6.48	cps
Cadmium	108-1	13	17	21	17	24.99	cps
Cadmium	111-1	1499	1484	1306	1430	7.50	cps
Calcium	43-1	28011	27026	27076	27371	2.03	cps
Calcium	44-1	449344	450180	449458	449661	0.10	cps
Chromium	52-2	927	927	1043	966	6.98	cps
Cobalt	59-2	83	73	90	82	10.20	cps
Copper	63-2	110224	109287	112692	110735	1.59	cps
Dysprosium	156-1	25	58	25	36	53.30	cps
Dysprosium	156-2	10	7	3	7	50.03	cps
Erbium	164-2	7	17	10	11	45.82	cps
Erbium	164-1	33	33	33	33	0.00	cps
Gadolinium	160-1	100	17	75	64	66.93	cps
Gadolinium	160-2	110	97	97	101	7.61	cps
Holmium	165-1	7956447	8057913	7977178	7997179	0.67	cps
Holmium	165-2	4359992	4333254	4398590	4363945	0.75	cps
Indium	115-1	5909510	5927518	5899077	5912035	0.24	cps
Indium	115-2	1201171	1206410	1217776	1208452	0.70	cps
Iron	56-2	7030	7724	7591	7448	4.95	cps
Iron	57-2	333	372	356	354	5.52	cps
Krypton	83-1	173	173	270	206	27.15	cps
Lead	206-1	1522	1522	1678	1574	5.71	cps
Lead	207-1	1395	1395	1300	1363	4.00	cps
Lead	208-1	6329	6140	6401	6290	2.14	cps
Lithium	6-1	3676835	3677516	3641222	3665191	0.57	cps
Magnesium	24-2	215636	215662	214432	215243	0.33	cps

LB Number :	LB98267	Operator :	Jaswal
Lab Sample ID :	J5082-33	Instrumnet Name :	P7
Client Sample ID :	380912107	Dilution Factor :	1
Date & Time Acquired ::	2018-10-01 12:05:34	DataFile Name :	031SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	620	527	633	593	9.79	cps
Molybdenum	94-1	10154	9512	9754	9806	3.31	cps
Molybdenum	95-1	15818	16560	17027	16468	3.70	cps
Molybdenum	96-1	17353	17853	17770	17659	1.52	cps
Molybdenum	97-1	10563	10388	10713	10554	1.54	cps
Molybdenum	98-1	27235	27160	27126	27174	0.20	cps
Neodymium	150-1	20	7	0	9	114.55	cps
Neodymium	150-2	3	3	3	3	0.00	cps
Nickel	60-2	287	250	270	269	6.83	cps
Phosphorus	31-2	392	325	458	392	17.02	cps
Potassium	39-2	583169	582622	586844	584212	0.39	cps
Rhodium	103-1	5328587	5370841	5355604	5351677	0.40	cps
Rhodium	103-2	2487904	2502274	2509749	2499976	0.44	cps
Scandium	45-1	4523495	4551772	4469103	4514790	0.93	cps
Scandium	45-2	192391	194549	194457	193799	0.63	cps
Selenium	77-2	10	20	10	13	43.30	cps
Selenium	78-2	56	54	52	54	3.45	cps
Selenium	82-1	192	212	111	172	30.95	cps
Silicon	28-1	57977941	58059626	57762958	57933508	0.26	cps
Silver	109-1	858	967	933	920	6.03	cps
Silver	107-1	967	825	983	925	9.41	cps
Sodium	23-2	98025881	98274315	98699577	98333258	0.35	cps
Strontium	86-1	50289	49963	50272	50175	0.37	cps
Strontium	88-1	428553	426034	428752	427780	0.35	cps
Sulfur	34-1	6740664	6764449	6673189	6726100	0.70	cps
Terbium	159-1	8316549	8384553	8346682	8349261	0.41	cps
Terbium	159-2	4359756	4376722	4393802	4376760	0.39	cps
Thallium	203-1	1592	1592	1475	1553	4.34	cps
Thallium	205-1	3751	3701	3334	3595	6.33	cps
Thorium	232-1	1033	767	800	867	16.77	cps
Tin	118-1	1283	1242	1200	1242	3.36	cps
Titanium	47-1	908	833	717	820	11.79	cps
Uranium	238-1	153000	155764	151650	153471	1.37	cps
Vanadium	51-2	9667	9780	9957	9801	1.49	cps
Yttrium	89-1	6584756	6608806	6582140	6591901	0.22	cps
Yttrium	89-2	981083	987114	992553	986917	0.58	cps

LB Number :	LB98267	Operator :	Jaswal
Lab Sample ID :	J5082-33	Instrumnet Name :	P7
Client Sample ID :	380912107	Dilution Factor :	1
Date & Time Acquired ::	2018-10-01 12:05:34	DataFile Name :	031SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zinc	66-2	4654	4741	4884	4760	2.44	cps
Zirconium	90-1	883	808	717	803	10.40	cps
Zirconium	91-1	192	167	158	172	10.07	cps

LB Number :	LB98267	Operator :	Jaswal
Lab Sample ID :	J5082-34	Instrumnet Name :	P7
Client Sample ID :	380912112	Dilution Factor :	1
Date & Time Acquired ::	2018-10-01 12:09:13	DataFile Name :	032SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	1617	1625	1742	1661	4.21	cps
Antimony	121-1	4909	5260	4693	4954	5.77	cps
Arsenic	75-1	9181	10184	10265	9877	6.12	cps
Barium	135-1	242	350	150	247	40.50	cps
Barium	137-1	542	633	367	514	26.36	cps
Beryllium	9-1	128	111	89	109	17.86	cps
Bismuth	209-1	4949224	4934720	4943859	4942601	0.15	cps
Bismuth	209-2	3097913	3016208	3033259	3049127	1.41	cps
Boron	11-1	855659	881632	896428	877906	2.35	cps
Boron	10-1	188485	189212	197227	191641	2.53	cps
Cadmium	106-1	2234	1900	2025	2053	8.20	cps
Cadmium	108-1	8	4	8	7	34.59	cps
Cadmium	111-1	1616	1373	1483	1491	8.16	cps
Calcium	43-1	2911841	2888663	2852890	2884465	1.03	cps
Calcium	44-1	45297444	45238672	44764420	45100178	0.65	cps
Chromium	52-2	1033	983	963	993	3.63	cps
Cobalt	59-2	170	157	190	172	9.74	cps
Copper	63-2	39122	38444	38748	38771	0.88	cps
Dysprosium	156-1	25	17	8	17	50.01	cps
Dysprosium	156-2	7	3	13	8	65.47	cps
Erbium	164-2	10	10	23	14	53.28	cps
Erbium	164-1	42	17	8	22	78.07	cps
Gadolinium	160-1	58	42	33	44	28.65	cps
Gadolinium	160-2	117	97	83	99	16.97	cps
Holmium	165-1	8313136	8240463	8223952	8259184	0.57	cps
Holmium	165-2	4522695	4430837	4424969	4459500	1.23	cps
Indium	115-1	6186247	6194958	6225661	6202289	0.33	cps
Indium	115-2	1243864	1219865	1237560	1233763	1.01	cps
Iron	56-2	6635	6752	6691	6692	0.87	cps
Iron	57-2	11332	11449	10660	11147	3.82	cps
Krypton	83-1	200	183	210	198	6.81	cps
Lead	206-1	5451	5401	5335	5396	1.09	cps
Lead	207-1	4573	4912	4468	4651	4.99	cps
Lead	208-1	21519	21785	21146	21483	1.49	cps
Lithium	6-1	3716278	3687878	3695174	3699776	0.40	cps
Magnesium	24-2	6044796	5969492	5977955	5997414	0.69	cps

LB Number :	LB98267	Operator :	Jaswal
Lab Sample ID :	J5082-34	Instrumnet Name :	P7
Client Sample ID :	380912112	Dilution Factor :	1
Date & Time Acquired ::	2018-10-01 12:09:13	DataFile Name :	032SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	383	400	340	374	8.27	cps
Molybdenum	94-1	350	508	417	425	18.70	cps
Molybdenum	95-1	233	233	200	222	8.66	cps
Molybdenum	96-1	367	333	350	350	4.76	cps
Molybdenum	97-1	158	225	125	169	30.05	cps
Molybdenum	98-1	383	408	433	408	6.12	cps
Neodymium	150-1	13	27	13	18	43.33	cps
Neodymium	150-2	3	10	0	4	114.60	cps
Nickel	60-2	220	240	213	224	6.18	cps
Phosphorus	31-2	342	308	367	339	8.64	cps
Potassium	39-2	175542	171632	170830	172668	1.46	cps
Rhodium	103-1	5625262	5621549	5580403	5609071	0.44	cps
Rhodium	103-2	2618657	2573893	2585161	2592570	0.90	cps
Scandium	45-1	4720810	4676060	4696362	4697744	0.48	cps
Scandium	45-2	198915	194957	196848	196907	1.01	cps
Selenium	77-2	10	10	7	9	21.63	cps
Selenium	78-2	35	35	43	38	11.35	cps
Selenium	82-1	180	170	160	170	5.84	cps
Silicon	28-1	29165961	28849981	28570544	28862162	1.03	cps
Silver	109-1	933	917	1017	956	5.61	cps
Silver	107-1	1042	1033	975	1017	3.57	cps
Sodium	23-2	25790896	25322993	25458428	25524106	0.94	cps
Strontium	86-1	9858472	9797944	9716211	9790876	0.73	cps
Strontium	88-1	85643121	84267829	84379306	84763419	0.90	cps
Sulfur	34-1	6908338	6861550	6794574	6854821	0.83	cps
Terbium	159-1	8635708	8596617	8593565	8608630	0.27	cps
Terbium	159-2	4537415	4435235	4444590	4472414	1.26	cps
Thallium	203-1	658	592	558	603	8.45	cps
Thallium	205-1	1467	1483	1242	1397	9.66	cps
Thorium	232-1	767	539	533	613	21.72	cps
Tin	118-1	1300	1333	1384	1339	3.14	cps
Titanium	47-1	467	525	625	539	14.86	cps
Uranium	238-1	192	208	167	189	11.10	cps
Vanadium	51-2	217	273	240	243	11.70	cps
Yttrium	89-1	6903083	6886582	6904243	6897969	0.14	cps
Yttrium	89-2	1005466	994529	997872	999289	0.56	cps

LB Number :	LB98267	Operator :	Jaswal
Lab Sample ID :	J5082-34	Instrumnet Name :	P7
Client Sample ID :	380912112	Dilution Factor :	1
Date & Time Acquired ::	2018-10-01 12:09:13	DataFile Name :	032SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zinc	66-2	6278	6085	6011	6125	2.25	cps
Zirconium	90-1	958	917	825	900	7.58	cps
Zirconium	91-1	200	200	158	186	12.93	cps

LB Number :	LB98267	Operator :	Jaswal
Lab Sample ID :	J5082-35	Instrumnet Name :	P7
Client Sample ID :	380912115	Dilution Factor :	1
Date & Time Acquired ::	2018-10-01 12:12:49	DataFile Name :	033SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	2092	2275	2184	2184	4.20	cps
Antimony	121-1	3984	3942	4076	4001	1.71	cps
Arsenic	75-1	27404	28072	29016	28164	2.88	cps
Barium	135-1	567	575	558	567	1.47	cps
Barium	137-1	1142	1250	1008	1133	10.68	cps
Beryllium	9-1	67	144	117	109	36.07	cps
Bismuth	209-1	5072964	5129125	4923305	5041798	2.11	cps
Bismuth	209-2	3122569	3092536	3110049	3108385	0.49	cps
Boron	11-1	221704	217655	219955	219771	0.92	cps
Boron	10-1	48687	48537	46857	48027	2.12	cps
Cadmium	106-1	2317	2084	2467	2289	8.44	cps
Cadmium	108-1	17	8	4	10	65.47	cps
Cadmium	111-1	1635	1503	1749	1629	7.57	cps
Calcium	43-1	3050	2850	2759	2887	5.17	cps
Calcium	44-1	64567	62843	62165	63191	1.96	cps
Chromium	52-2	1623	1660	1617	1633	1.43	cps
Cobalt	59-2	30	70	43	48	42.63	cps
Copper	63-2	26514	26113	26190	26273	0.81	cps
Dysprosium	156-1	25	50	33	36	35.25	cps
Dysprosium	156-2	17	0	10	9	94.38	cps
Erbium	164-2	17	17	23	19	20.36	cps
Erbium	164-1	33	25	50	36	35.25	cps
Gadolinium	160-1	33	92	33	53	63.82	cps
Gadolinium	160-2	83	83	100	89	10.82	cps
Holmium	165-1	8311451	8450644	8086723	8282939	2.22	cps
Holmium	165-2	4430698	4439096	4455584	4441793	0.29	cps
Indium	115-1	6271055	6333384	6148097	6250846	1.51	cps
Indium	115-2	1235900	1245499	1252408	1244603	0.67	cps
Iron	56-2	7552	7597	7419	7522	1.23	cps
Iron	57-2	217	222	261	233	10.38	cps
Krypton	83-1	183	170	180	178	3.90	cps
Lead	206-1	594	683	567	615	9.91	cps
Lead	207-1	456	483	444	461	4.34	cps
Lead	208-1	2128	2378	2139	2215	6.38	cps
Lithium	6-1	3678686	3709808	3610055	3666183	1.39	cps
Magnesium	24-2	4101	4126	3842	4023	3.90	cps

LB Number :	LB98267	Operator :	Jaswal
Lab Sample ID :	J5082-35	Instrumnet Name :	P7
Client Sample ID :	380912115	Dilution Factor :	1
Date & Time Acquired ::	2018-10-01 12:12:49	DataFile Name :	033SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	647	573	560	593	7.87	cps
Molybdenum	94-1	3842	3809	3792	3815	0.67	cps
Molybdenum	95-1	6510	6001	5668	6060	7.00	cps
Molybdenum	96-1	6877	6302	6435	6538	4.61	cps
Molybdenum	97-1	3601	3826	3951	3792	4.68	cps
Molybdenum	98-1	10021	9529	9353	9634	3.59	cps
Neodymium	150-1	20	7	0	9	114.55	cps
Neodymium	150-2	7	3	7	6	34.70	cps
Nickel	60-2	260	290	300	283	7.35	cps
Phosphorus	31-2	358	275	267	300	16.90	cps
Potassium	39-2	21199	20866	20490	20851	1.70	cps
Rhodium	103-1	5814549	5829969	5640845	5761787	1.82	cps
Rhodium	103-2	2639946	2657448	2658032	2651809	0.39	cps
Scandium	45-1	4730925	4785686	4664462	4727024	1.28	cps
Scandium	45-2	197146	196852	199909	197969	0.85	cps
Selenium	77-2	7	7	13	9	43.25	cps
Selenium	78-2	46	50	44	47	6.03	cps
Selenium	82-1	139	137	146	141	3.23	cps
Silicon	28-1	60027220	59484141	59190924	59567428	0.71	cps
Silver	109-1	675	1050	850	858	21.86	cps
Silver	107-1	800	967	892	886	9.42	cps
Sodium	23-2	32533624	32585177	32630838	32583213	0.15	cps
Strontium	86-1	6343	6252	5643	6079	6.26	cps
Strontium	88-1	55542	51125	50465	52377	5.27	cps
Sulfur	34-1	840444	832632	825859	832978	0.88	cps
Terbium	159-1	8654061	8739746	8425592	8606466	1.89	cps
Terbium	159-2	4469496	4468599	4459889	4465995	0.12	cps
Thallium	203-1	550	450	383	461	18.19	cps
Thallium	205-1	1117	908	1017	1014	10.28	cps
Thorium	232-1	344	361	339	348	3.32	cps
Tin	118-1	1659	1450	1433	1514	8.28	cps
Titanium	47-1	858	692	950	833	15.72	cps
Uranium	238-1	65875	64594	65817	65429	1.11	cps
Vanadium	51-2	12058	12152	12462	12224	1.73	cps
Yttrium	89-1	6929187	7039293	6816772	6928417	1.61	cps
Yttrium	89-2	999844	1010773	1009451	1006689	0.59	cps

LB Number :	LB98267	Operator :	Jaswal
Lab Sample ID :	J5082-35	Instrumnet Name :	P7
Client Sample ID :	380912115	Dilution Factor :	1
Date & Time Acquired ::	2018-10-01 12:12:49	DataFile Name :	033SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zinc	66-2	2274	2274	2214	2254	1.54	cps
Zirconium	90-1	675	883	792	783	13.33	cps
Zirconium	91-1	142	200	108	150	30.93	cps

LB Number :	LB98267	Operator :	Jaswal
Lab Sample ID :	J5082-36	Instrumnet Name :	P7
Client Sample ID :	380912118	Dilution Factor :	1
Date & Time Acquired ::	2018-10-01 12:16:25	DataFile Name :	034SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	2034	1742	1842	1872	7.92	cps
Antimony	121-1	2942	3192	2942	3025	4.77	cps
Arsenic	75-1	13461	15390	13833	14228	7.19	cps
Barium	135-1	683	658	433	592	23.27	cps
Barium	137-1	1058	1133	850	1014	14.48	cps
Beryllium	9-1	89	61	117	89	31.25	cps
Bismuth	209-1	5135181	5127705	5044895	5102594	0.98	cps
Bismuth	209-2	3194535	3174975	3156443	3175318	0.60	cps
Boron	11-1	351598	358784	359258	356547	1.20	cps
Boron	10-1	76594	79240	78848	78227	1.83	cps
Cadmium	106-1	2017	2134	2209	2120	4.56	cps
Cadmium	108-1	0	17	0	6	173.21	cps
Cadmium	111-1	1445	1511	1563	1506	3.91	cps
Calcium	43-1	121731	119018	119596	120115	1.19	cps
Calcium	44-1	1906576	1894862	1886848	1896095	0.52	cps
Chromium	52-2	1627	1653	1770	1683	4.53	cps
Cobalt	59-2	53	833	37	308	147.90	cps
Copper	63-2	23169	23185	22771	23042	1.02	cps
Dysprosium	156-1	25	0	0	8	173.21	cps
Dysprosium	156-2	3	7	3	4	43.40	cps
Erbium	164-2	7	20	3	10	88.20	cps
Erbium	164-1	25	25	75	42	69.28	cps
Gadolinium	160-1	92	42	33	56	56.79	cps
Gadolinium	160-2	133	127	103	121	13.01	cps
Holmium	165-1	8463848	8404454	8375203	8414501	0.54	cps
Holmium	165-2	4670952	4638376	4620255	4643195	0.55	cps
Indium	115-1	6384541	6409272	6406795	6400203	0.21	cps
Indium	115-2	1284948	1282471	1285598	1284339	0.13	cps
Iron	56-2	6163	6079	5846	6029	2.72	cps
Iron	57-2	722	733	650	702	6.45	cps
Krypton	83-1	207	163	230	200	16.91	cps
Lead	206-1	1867	1772	1789	1809	2.79	cps
Lead	207-1	1806	1856	1728	1796	3.58	cps
Lead	208-1	7757	7696	7662	7705	0.62	cps
Lithium	6-1	3782568	3730398	3733374	3748780	0.78	cps
Magnesium	24-2	19054	19413	19071	19180	1.06	cps

LB Number :	LB98267	Operator :	Jaswal
Lab Sample ID :	J5082-36	Instrumnet Name :	P7
Client Sample ID :	380912118	Dilution Factor :	1
Date & Time Acquired ::	2018-10-01 12:16:25	DataFile Name :	034SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	590	527	543	553	5.93	cps
Molybdenum	94-1	500	367	375	414	18.05	cps
Molybdenum	95-1	342	342	258	314	15.33	cps
Molybdenum	96-1	400	525	383	436	17.76	cps
Molybdenum	97-1	208	158	325	231	37.10	cps
Molybdenum	98-1	575	492	633	567	12.56	cps
Neodymium	150-1	7	20	0	9	114.55	cps
Neodymium	150-2	0	7	3	3	100.05	cps
Nickel	60-2	163	127	170	153	15.22	cps
Phosphorus	31-2	142	217	200	186	21.16	cps
Potassium	39-2	24872	24997	24863	24911	0.30	cps
Rhodium	103-1	5881923	5875992	5828229	5862048	0.50	cps
Rhodium	103-2	2776138	2735980	2730476	2747531	0.91	cps
Scandium	45-1	4888623	4855961	4803562	4849382	0.88	cps
Scandium	45-2	209606	209191	207457	208752	0.55	cps
Selenium	77-2	10	20	3	11	75.52	cps
Selenium	78-2	78	48	61	62	23.82	cps
Selenium	82-1	132	169	147	149	12.55	cps
Silicon	28-1	294388	294013	288991	292464	1.03	cps
Silver	109-1	758	667	667	697	7.59	cps
Silver	107-1	650	733	842	742	12.96	cps
Sodium	23-2	53636561	53416556	53070062	53374393	0.54	cps
Strontium	86-1	15300	15125	15701	15375	1.92	cps
Strontium	88-1	131171	132650	130177	131333	0.95	cps
Sulfur	34-1	2788354	2763502	2734835	2762230	0.97	cps
Terbium	159-1	8850417	8763430	8706965	8773604	0.82	cps
Terbium	159-2	4680940	4675006	4602785	4652910	0.94	cps
Thallium	203-1	308	383	242	311	22.78	cps
Thallium	205-1	600	617	742	653	11.86	cps
Thorium	232-1	239	228	244	237	3.58	cps
Tin	118-1	1517	1650	1458	1542	6.37	cps
Titanium	47-1	200	192	133	175	20.76	cps
Uranium	238-1	50	83	92	75	29.40	cps
Vanadium	51-2	217	160	153	177	19.70	cps
Yttrium	89-1	7110249	7117451	7079892	7102531	0.28	cps
Yttrium	89-2	1058807	1053721	1049499	1054009	0.44	cps

LB Number :	LB98267	Operator :	Jaswal
Lab Sample ID :	J5082-36	Instrumnet Name :	P7
Client Sample ID :	380912118	Dilution Factor :	1
Date & Time Acquired ::	2018-10-01 12:16:25	DataFile Name :	034SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zinc	66-2	5718	5898	5925	5847	1.92	cps
Zirconium	90-1	817	908	725	817	11.22	cps
Zirconium	91-1	183	158	175	172	7.39	cps

LB Number :	LB98267	Operator :	Jaswal
Lab Sample ID :	J5082-37	Instrumnet Name :	P7
Client Sample ID :	380912121	Dilution Factor :	1
Date & Time Acquired ::	2018-10-01 12:20:02	DataFile Name :	035SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	2092	2142	2200	2145	2.53	cps
Antimony	121-1	2467	2600	2792	2620	6.24	cps
Arsenic	75-1	15371	16051	17436	16286	6.46	cps
Barium	135-1	583	508	383	492	20.55	cps
Barium	137-1	858	867	758	828	7.28	cps
Beryllium	9-1	89	89	128	102	22.04	cps
Bismuth	209-1	4995656	4960067	4942752	4966158	0.54	cps
Bismuth	209-2	3033066	2997409	2991310	3007262	0.75	cps
Boron	11-1	303186	308618	312838	308214	1.57	cps
Boron	10-1	66120	68564	68489	67725	2.05	cps
Cadmium	106-1	1917	2042	2017	1992	3.32	cps
Cadmium	108-1	13	13	8	11	21.67	cps
Cadmium	111-1	1366	1454	1435	1418	3.25	cps
Calcium	43-1	37323	36563	37222	37036	1.12	cps
Calcium	44-1	598815	594095	594476	595795	0.44	cps
Chromium	52-2	1040	1080	1087	1069	2.36	cps
Cobalt	59-2	107	100	83	97	12.43	cps
Copper	63-2	32593	32373	33097	32688	1.14	cps
Dysprosium	156-1	25	8	25	19	49.50	cps
Dysprosium	156-2	10	0	17	9	94.38	cps
Erbium	164-2	17	7	20	14	48.02	cps
Erbium	164-1	8	58	25	31	83.33	cps
Gadolinium	160-1	50	42	33	42	20.00	cps
Gadolinium	160-2	87	143	117	116	24.53	cps
Holmium	165-1	8233979	8114006	8108020	8152001	0.87	cps
Holmium	165-2	4332516	4350607	4342322	4341815	0.21	cps
Indium	115-1	6232437	6163647	6115888	6170657	0.95	cps
Indium	115-2	1203692	1202018	1205869	1203860	0.16	cps
Iron	56-2	7469	7208	7408	7361	1.86	cps
Iron	57-2	400	339	328	356	10.94	cps
Krypton	83-1	160	190	217	189	15.01	cps
Lead	206-1	32613	32835	31839	32429	1.61	cps
Lead	207-1	27997	28570	28960	28509	1.70	cps
Lead	208-1	129666	129446	129961	129691	0.20	cps
Lithium	6-1	3715999	3671664	3660050	3682571	0.80	cps
Magnesium	24-2	165697	168570	168350	167539	0.95	cps

LB Number :	LB98267	Operator :	Jaswal
Lab Sample ID :	J5082-37	Instrumnet Name :	P7
Client Sample ID :	380912121	Dilution Factor :	1
Date & Time Acquired ::	2018-10-01 12:20:02	DataFile Name :	035SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	627	650	647	641	1.97	cps
Molybdenum	94-1	1967	1792	1850	1870	4.77	cps
Molybdenum	95-1	2975	2867	2775	2873	3.49	cps
Molybdenum	96-1	3159	3226	3117	3167	1.73	cps
Molybdenum	97-1	2025	1750	2034	1936	8.33	cps
Molybdenum	98-1	4951	5093	4759	4934	3.39	cps
Neodymium	150-1	0	20	27	16	89.22	cps
Neodymium	150-2	3	17	0	7	132.33	cps
Nickel	60-2	303	353	330	329	7.61	cps
Phosphorus	31-2	158	108	158	142	20.38	cps
Potassium	39-2	1032430	1032879	1039557	1034955	0.39	cps
Rhodium	103-1	5692542	5655667	5595540	5647916	0.87	cps
Rhodium	103-2	2590865	2560678	2559206	2570250	0.70	cps
Scandium	45-1	4707016	4646542	4627277	4660278	0.89	cps
Scandium	45-2	193762	192273	193069	193035	0.39	cps
Selenium	77-2	0	13	3	6	124.93	cps
Selenium	78-2	24	22	39	28	32.18	cps
Selenium	82-1	82	37	3	41	97.11	cps
Silicon	28-1	47606766	47319150	46980548	47302155	0.66	cps
Silver	109-1	717	583	750	683	12.91	cps
Silver	107-1	625	692	792	703	11.94	cps
Sodium	23-2	40558477	40859528	40458360	40625455	0.51	cps
Strontium	86-1	48098	48993	48600	48564	0.92	cps
Strontium	88-1	417680	412014	409335	413010	1.03	cps
Sulfur	34-1	572697	565530	566636	568288	0.68	cps
Terbium	159-1	8598720	8462611	8441967	8501099	1.00	cps
Terbium	159-2	4379446	4327733	4338420	4348533	0.63	cps
Thallium	203-1	233	325	283	281	16.36	cps
Thallium	205-1	525	633	500	553	12.82	cps
Thorium	232-1	200	194	189	194	2.86	cps
Tin	118-1	27904	28847	27570	28107	2.36	cps
Titanium	47-1	959	5866	892	2572	110.91	cps
Uranium	238-1	1017	858	800	892	12.57	cps
Vanadium	51-2	700	760	807	756	7.08	cps
Yttrium	89-1	6932692	6847792	6725948	6835477	1.52	cps
Yttrium	89-2	975683	976102	974915	975567	0.06	cps

LB Number :	LB98267	Operator :	Jaswal
Lab Sample ID :	J5082-37	Instrumnet Name :	P7
Client Sample ID :	380912121	Dilution Factor :	1
Date & Time Acquired ::	2018-10-01 12:20:02	DataFile Name :	035SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zinc	66-2	5388	5805	5581	5591	3.73	cps
Zirconium	90-1	717	642	725	694	6.61	cps
Zirconium	91-1	125	150	142	139	9.16	cps

LB Number :	LB98267	Operator :	Jaswal
Lab Sample ID :	J5082-38	Instrumnet Name :	P7
Client Sample ID :	380913105-1	Dilution Factor :	1
Date & Time Acquired ::	2018-10-01 12:23:36	DataFile Name :	036SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	1959	1917	2067	1981	3.91	cps
Antimony	121-1	1992	2267	2242	2167	7.02	cps
Arsenic	75-1	17920	18912	20234	19022	6.10	cps
Barium	135-1	483	425	375	428	12.67	cps
Barium	137-1	775	792	825	797	3.19	cps
Beryllium	9-1	83	67	67	72	13.33	cps
Bismuth	209-1	5002519	4778515	4620472	4800502	4.00	cps
Bismuth	209-2	3035752	3018364	3008713	3020943	0.45	cps
Boron	11-1	1836507	1875283	1852895	1854895	1.05	cps
Boron	10-1	400135	406149	403699	403328	0.75	cps
Cadmium	106-1	1934	2017	1875	1942	3.67	cps
Cadmium	108-1	17	317	42	125	133.21	cps
Cadmium	111-1	1367	1202	1300	1290	6.41	cps
Calcium	43-1	12856	11872	11997	12242	4.38	cps
Calcium	44-1	221115	219563	213949	218209	1.73	cps
Chromium	52-2	2174	2197	2110	2160	2.08	cps
Cobalt	59-2	133	113	97	114	16.04	cps
Copper	63-2	32780	33074	33355	33070	0.87	cps
Dysprosium	156-1	17	0	17	11	86.60	cps
Dysprosium	156-2	13	13	10	12	15.73	cps
Erbium	164-2	13	7	13	11	34.61	cps
Erbium	164-1	33	25	50	36	35.25	cps
Gadolinium	160-1	42	17	33	31	41.65	cps
Gadolinium	160-2	143	83	103	110	27.77	cps
Holmium	165-1	8362172	8018573	7714105	8031617	4.04	cps
Holmium	165-2	4470438	4432923	4414419	4439260	0.64	cps
Indium	115-1	6207426	5960587	5776279	5981431	3.62	cps
Indium	115-2	1228568	1224961	1221843	1225124	0.27	cps
Iron	56-2	11088	11160	11116	11121	0.33	cps
Iron	57-2	372	350	311	344	8.98	cps
Krypton	83-1	217	200	133	183	24.05	cps
Lead	206-1	3106	2928	3084	3039	3.19	cps
Lead	207-1	2789	2689	2817	2765	2.43	cps
Lead	208-1	12291	11902	12486	12227	2.43	cps
Lithium	6-1	3728485	3603800	3440183	3590823	4.03	cps
Magnesium	24-2	35326	35794	35769	35629	0.74	cps

LB Number :	LB98267	Operator :	Jaswal
Lab Sample ID :	J5082-38	Instrumnet Name :	P7
Client Sample ID :	380913105-1	Dilution Factor :	1
Date & Time Acquired ::	2018-10-01 12:23:36	DataFile Name :	036SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	370	320	323	338	8.28	cps
Molybdenum	94-1	392	433	358	394	9.53	cps
Molybdenum	95-1	133	150	217	167	26.46	cps
Molybdenum	96-1	208	225	325	253	24.96	cps
Molybdenum	97-1	92	158	142	131	26.57	cps
Molybdenum	98-1	317	308	325	317	2.63	cps
Neodymium	150-1	20	7	0	9	114.55	cps
Neodymium	150-2	7	7	7	7	0.00	cps
Nickel	60-2	230	180	440	283	48.74	cps
Phosphorus	31-2	275	242	400	306	27.32	cps
Potassium	39-2	27184	26333	27560	27025	2.33	cps
Rhodium	103-1	5697087	5458642	5247398	5467709	4.11	cps
Rhodium	103-2	2621984	2596774	2581714	2600157	0.78	cps
Scandium	45-1	4783078	4554406	4366173	4567886	4.57	cps
Scandium	45-2	202226	200377	199628	200744	0.67	cps
Selenium	77-2	3	3	0	2	86.60	cps
Selenium	78-2	48	31	19	33	45.40	cps
Selenium	82-1	30	-1	99	43	120.03	cps
Silicon	28-1	101437267	100917923	99177942	100511044	1.18	cps
Silver	109-1	608	617	767	664	13.42	cps
Silver	107-1	717	750	850	772	8.99	cps
Sodium	23-2	74592910	74255979	73375789	74074893	0.85	cps
Strontium	86-1	2834	2967	3084	2962	4.23	cps
Strontium	88-1	23845	23320	22661	23275	2.55	cps
Sulfur	34-1	559449	553428	544685	552521	1.34	cps
Terbium	159-1	8662154	8313945	8036180	8337426	3.76	cps
Terbium	159-2	4476281	4440080	4423716	4446692	0.60	cps
Thallium	203-1	158	217	175	183	16.39	cps
Thallium	205-1	425	467	433	442	4.99	cps
Thorium	232-1	133	167	183	161	15.80	cps
Tin	118-1	2484	2400	2575	2486	3.52	cps
Titanium	47-1	958	1208	1125	1097	11.60	cps
Uranium	238-1	1150	1075	942	1056	10.00	cps
Vanadium	51-2	23672	22908	22708	23096	2.20	cps
Yttrium	89-1	6983604	6647454	6423151	6684736	4.22	cps
Yttrium	89-2	1010528	1006302	1005204	1007345	0.28	cps

LB Number :	LB98267	Operator :	Jaswal
Lab Sample ID :	J5082-38	Instrumnet Name :	P7
Client Sample ID :	380913105-1	Dilution Factor :	1
Date & Time Acquired ::	2018-10-01 12:23:36	DataFile Name :	036SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zinc	66-2	3837	4064	3924	3942	2.90	cps
Zirconium	90-1	892	958	667	839	18.22	cps
Zirconium	91-1	200	150	192	181	14.84	cps

LB Number :	LB98267	Operator :	Jaswal
Lab Sample ID :	J5082-39	Instrumnet Name :	P7
Client Sample ID :	380914006	Dilution Factor :	1
Date & Time Acquired ::	2018-10-01 12:27:15	DataFile Name :	037SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	1392	1400	1333	1375	2.64	cps
Antimony	121-1	2025	1909	1834	1922	5.03	cps
Arsenic	75-1	15938	15755	15287	15660	2.15	cps
Barium	135-1	283	333	325	314	8.53	cps
Barium	137-1	567	600	675	614	9.04	cps
Beryllium	9-1	78	72	83	78	7.15	cps
Bismuth	209-1	5281137	5296373	4989996	5189169	3.33	cps
Bismuth	209-2	3149899	3138944	3138422	3142421	0.21	cps
Boron	11-1	117270	112657	104996	111641	5.55	cps
Boron	10-1	25363	24371	23185	24306	4.49	cps
Cadmium	106-1	2217	2109	2134	2153	2.64	cps
Cadmium	108-1	8	8	13	10	24.77	cps
Cadmium	111-1	1550	1487	1506	1514	2.15	cps
Calcium	43-1	3000	2767	3150	2973	6.50	cps
Calcium	44-1	52452	51014	51582	51683	1.40	cps
Chromium	52-2	610	610	643	621	3.10	cps
Cobalt	59-2	43	30	53	42	27.72	cps
Copper	63-2	3947	4184	4191	4107	3.38	cps
Dysprosium	156-1	33	17	17	22	43.28	cps
Dysprosium	156-2	13	7	7	9	43.25	cps
Erbium	164-2	33	23	10	22	52.68	cps
Erbium	164-1	25	58	17	33	66.14	cps
Gadolinium	160-1	25	25	50	33	43.30	cps
Gadolinium	160-2	67	93	117	92	27.13	cps
Holmium	165-1	8448901	8360246	7956153	8255100	3.18	cps
Holmium	165-2	4367025	4379658	4355713	4367465	0.27	cps
Indium	115-1	6476349	6457110	6160283	6364580	2.78	cps
Indium	115-2	1236702	1235678	1229399	1233926	0.32	cps
Iron	56-2	5301	5284	5357	5314	0.71	cps
Iron	57-2	139	150	178	156	12.88	cps
Krypton	83-1	183	207	180	190	7.65	cps
Lead	206-1	1095	967	895	985	10.28	cps
Lead	207-1	922	1028	956	969	5.57	cps
Lead	208-1	4045	4200	4106	4117	1.90	cps
Lithium	6-1	3772030	3696904	3540499	3669811	3.22	cps
Magnesium	24-2	5551	5710	5476	5579	2.14	cps

LB Number :	LB98267	Operator :	Jaswal
Lab Sample ID :	J5082-39	Instrumnet Name :	P7
Client Sample ID :	380914006	Dilution Factor :	1
Date & Time Acquired ::	2018-10-01 12:27:15	DataFile Name :	037SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	727	733	667	709	5.18	cps
Molybdenum	94-1	267	233	292	264	11.09	cps
Molybdenum	95-1	50	58	50	53	9.12	cps
Molybdenum	96-1	92	108	92	97	9.90	cps
Molybdenum	97-1	42	42	33	39	12.38	cps
Molybdenum	98-1	167	108	100	125	29.07	cps
Neodymium	150-1	13	0	0	4	173.21	cps
Neodymium	150-2	3	7	10	7	50.03	cps
Nickel	60-2	187	190	200	192	3.61	cps
Phosphorus	31-2	175	125	167	156	17.22	cps
Potassium	39-2	8920	8886	9312	9039	2.62	cps
Rhodium	103-1	6081736	6044261	5752330	5959443	3.03	cps
Rhodium	103-2	2708817	2707208	2685814	2700613	0.48	cps
Scandium	45-1	4812124	4740563	4508937	4687208	3.38	cps
Scandium	45-2	191537	193637	191591	192255	0.62	cps
Selenium	77-2	3	7	0	3	100.05	cps
Selenium	78-2	31	30	37	33	11.79	cps
Selenium	82-1	8	11	29	16	71.26	cps
Silicon	28-1	176697	172473	170308	173159	1.88	cps
Silver	109-1	392	658	592	547	25.36	cps
Silver	107-1	592	617	642	617	4.05	cps
Sodium	23-2	38258	37005	37146	37470	1.83	cps
Strontium	86-1	1575	1492	1650	1572	5.04	cps
Strontium	88-1	11697	11647	11663	11669	0.22	cps
Sulfur	34-1	131485	134080	133864	133143	1.08	cps
Terbium	159-1	8840557	8716271	8273771	8610200	3.46	cps
Terbium	159-2	4417387	4427147	4372227	4405587	0.67	cps
Thallium	203-1	300	158	208	222	32.33	cps
Thallium	205-1	392	408	517	439	15.46	cps
Thorium	232-1	194	128	167	163	20.55	cps
Tin	118-1	2692	2817	2992	2834	5.32	cps
Titanium	47-1	167	133	150	150	11.11	cps
Uranium	238-1	17	67	83	56	62.45	cps
Vanadium	51-2	297	313	207	272	21.08	cps
Yttrium	89-1	7141207	7074737	6739124	6985023	3.09	cps
Yttrium	89-2	984253	989958	982987	985733	0.38	cps

LB Number :	LB98267	Operator :	Jaswal
Lab Sample ID :	J5082-39	Instrumnet Name :	P7
Client Sample ID :	380914006	Dilution Factor :	1
Date & Time Acquired ::	2018-10-01 12:27:15	DataFile Name :	037SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zinc	66-2	1260	1310	1283	1285	1.95	cps
Zirconium	90-1	667	575	650	631	7.74	cps
Zirconium	91-1	75	142	133	117	31.14	cps

LB Number :	LB98267	Operator :	Jaswal
Lab Sample ID :	J5082-40	Instrumnet Name :	P7
Client Sample ID :	380914007	Dilution Factor :	1
Date & Time Acquired ::	2018-10-01 12:30:50	DataFile Name :	038SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	1575	1367	1408	1450	7.60	cps
Antimony	121-1	1934	2400	2084	2139	11.14	cps
Arsenic	75-1	18205	19291	18330	18609	3.19	cps
Barium	135-1	257629	256281	256440	256783	0.29	cps
Barium	137-1	445290	438743	442768	442267	0.75	cps
Beryllium	9-1	78	111	67	85	27.15	cps
Bismuth	209-1	5131933	5064471	5014994	5070466	1.16	cps
Bismuth	209-2	3048690	3066086	3029667	3048148	0.60	cps
Boron	11-1	269190	271654	273824	271556	0.85	cps
Boron	10-1	59367	59937	60212	59839	0.72	cps
Cadmium	106-1	2092	1942	2017	2017	3.72	cps
Cadmium	108-1	29	29	17	25	28.86	cps
Cadmium	111-1	1477	1347	1417	1414	4.60	cps
Calcium	43-1	1707313	1699705	1689620	1698879	0.52	cps
Calcium	44-1	27990933	27511054	27380797	27627595	1.16	cps
Chromium	52-2	847	880	867	864	1.94	cps
Cobalt	59-2	137	143	160	147	8.19	cps
Copper	63-2	143340	142492	143909	143247	0.50	cps
Dysprosium	156-1	50	50	33	44	21.66	cps
Dysprosium	156-2	17	20	10	16	32.73	cps
Erbium	164-2	20	20	23	21	9.11	cps
Erbium	164-1	50	33	42	42	19.99	cps
Gadolinium	160-1	117	67	67	83	34.64	cps
Gadolinium	160-2	97	127	77	100	25.17	cps
Holmium	165-1	8505135	8320352	8175371	8333619	1.98	cps
Holmium	165-2	4444969	4457715	4393990	4432225	0.76	cps
Indium	115-1	6333432	6167178	6165412	6222007	1.55	cps
Indium	115-2	1218107	1217786	1216990	1217628	0.05	cps
Iron	56-2	66338	66054	66494	66295	0.34	cps
Iron	57-2	8125	8592	8464	8393	2.87	cps
Krypton	83-1	197	210	177	194	8.63	cps
Lead	206-1	1750	1822	1767	1780	2.12	cps
Lead	207-1	1700	1450	1461	1537	9.19	cps
Lead	208-1	7173	6845	7201	7073	2.80	cps
Lithium	6-1	3666596	3574285	3542514	3594465	1.79	cps
Magnesium	24-2	2826913	2838881	2822149	2829314	0.30	cps

LB Number :	LB98267	Operator :	Jaswal
Lab Sample ID :	J5082-40	Instrumnet Name :	P7
Client Sample ID :	380914007	Dilution Factor :	1
Date & Time Acquired ::	2018-10-01 12:30:50	DataFile Name :	038SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	2284	2207	2174	2221	2.54	cps
Molybdenum	94-1	1684	1433	1383	1500	10.72	cps
Molybdenum	95-1	2234	2292	1975	2167	7.78	cps
Molybdenum	96-1	2484	2525	2234	2414	6.53	cps
Molybdenum	97-1	1600	1375	1659	1545	9.69	cps
Molybdenum	98-1	3542	3651	3484	3559	2.38	cps
Neodymium	150-1	33	27	27	29	13.31	cps
Neodymium	150-2	3	10	0	4	114.60	cps
Nickel	60-2	670	627	650	649	3.34	cps
Phosphorus	31-2	2092	2284	2167	2181	4.43	cps
Potassium	39-2	352321	352371	354059	352917	0.28	cps
Rhodium	103-1	5764948	5576233	5613315	5651499	1.77	cps
Rhodium	103-2	2579161	2597339	2573144	2583215	0.49	cps
Scandium	45-1	4710528	4560723	4560167	4610472	1.88	cps
Scandium	45-2	190342	191739	189940	190673	0.50	cps
Selenium	77-2	7	13	3	8	65.47	cps
Selenium	78-2	52	39	30	40	27.82	cps
Selenium	82-1	113	125	136	124	9.03	cps
Silicon	28-1	39859952	39212672	38943798	39338807	1.20	cps
Silver	109-1	850	983	967	933	7.78	cps
Silver	107-1	925	1125	1075	1042	9.99	cps
Sodium	23-2	19625781	19658229	19602751	19628920	0.14	cps
Strontium	86-1	1913807	1913173	1897098	1908026	0.50	cps
Strontium	88-1	17445305	17138265	16981733	17188434	1.37	cps
Sulfur	34-1	931042	933208	925137	929795	0.45	cps
Terbium	159-1	8838304	8586252	8602197	8675584	1.63	cps
Terbium	159-2	4464782	4473197	4413900	4450626	0.72	cps
Thallium	203-1	217	117	208	181	30.73	cps
Thallium	205-1	400	542	358	433	22.18	cps
Thorium	232-1	133	139	100	124	16.95	cps
Tin	118-1	2942	2659	2825	2809	5.07	cps
Titanium	47-1	775	842	775	797	4.83	cps
Uranium	238-1	90758	87360	89197	89105	1.91	cps
Vanadium	51-2	4277	4347	4414	4346	1.57	cps
Yttrium	89-1	7032276	6843875	6745499	6873883	2.12	cps
Yttrium	89-2	976613	985948	989644	984068	0.68	cps

LB Number :	LB98267	Operator :	Jaswal
Lab Sample ID :	J5082-40	Instrumnet Name :	P7
Client Sample ID :	380914007	Dilution Factor :	1
Date & Time Acquired ::	2018-10-01 12:30:50	DataFile Name :	038SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zinc	66-2	128196	128472	126320	127663	0.92	cps
Zirconium	90-1	792	667	700	719	9.00	cps
Zirconium	91-1	258	142	167	189	32.52	cps

LB Number :	LB98267	Operator :	Jaswal
Lab Sample ID :	J5082-41	Instrumnet Name :	P7
Client Sample ID :	380914008	Dilution Factor :	1
Date & Time Acquired ::	2018-10-01 12:34:25	DataFile Name :	039SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	1650	1608	1759	1672	4.63	cps
Antimony	121-1	2350	2417	2575	2448	4.72	cps
Arsenic	75-1	18192	17388	17399	17660	2.61	cps
Barium	135-1	247168	243968	246465	245867	0.68	cps
Barium	137-1	426204	425802	428145	426717	0.29	cps
Beryllium	9-1	100	67	67	78	24.74	cps
Bismuth	209-1	4863717	4628342	4801483	4764514	2.56	cps
Bismuth	209-2	2999790	3072389	2914564	2995581	2.64	cps
Boron	11-1	270533	278982	280972	276829	2.00	cps
Boron	10-1	59426	60263	60532	60073	0.96	cps
Cadmium	106-1	2067	2009	1608	1895	13.17	cps
Cadmium	108-1	29	17	50	32	52.71	cps
Cadmium	111-1	1460	1432	1133	1341	13.52	cps
Calcium	43-1	1593648	1593922	1585774	1591115	0.29	cps
Calcium	44-1	25873204	25887957	25626296	25795819	0.57	cps
Chromium	52-2	950	803	863	872	8.45	cps
Cobalt	59-2	170	167	150	162	6.61	cps
Copper	63-2	284323	283617	284945	284295	0.23	cps
Dysprosium	156-1	17	17	8	14	34.67	cps
Dysprosium	156-2	13	27	13	18	43.33	cps
Erbium	164-2	20	10	17	16	32.73	cps
Erbium	164-1	50	42	25	39	32.73	cps
Gadolinium	160-1	58	33	67	53	32.88	cps
Gadolinium	160-2	80	110	177	122	40.48	cps
Holmium	165-1	7938400	7441915	7820991	7733769	3.36	cps
Holmium	165-2	4333593	4445702	4197438	4325578	2.87	cps
Indium	115-1	5916861	5575196	5762151	5751403	2.97	cps
Indium	115-2	1181201	1214938	1150636	1182258	2.72	cps
Iron	56-2	65434	66327	66244	66002	0.75	cps
Iron	57-2	7680	7869	7413	7654	2.99	cps
Krypton	83-1	157	207	170	178	14.56	cps
Lead	206-1	3645	3623	3995	3754	5.56	cps
Lead	207-1	3256	3139	3089	3162	2.71	cps
Lead	208-1	14598	14787	15026	14804	1.45	cps
Lithium	6-1	3424167	3257886	3361626	3347893	2.51	cps
Magnesium	24-2	2740913	2739571	2719707	2733397	0.43	cps

LB Number :	LB98267	Operator :	Jaswal
Lab Sample ID :	J5082-41	Instrumnet Name :	P7
Client Sample ID :	380914008	Dilution Factor :	1
Date & Time Acquired ::	2018-10-01 12:34:25	DataFile Name :	039SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	2587	2460	2654	2567	3.83	cps
Molybdenum	94-1	1342	1517	1408	1422	6.21	cps
Molybdenum	95-1	2534	2550	2200	2428	8.13	cps
Molybdenum	96-1	2250	2409	2167	2275	5.40	cps
Molybdenum	97-1	1283	1575	1333	1397	11.16	cps
Molybdenum	98-1	3634	4009	3401	3681	8.34	cps
Neodymium	150-1	27	13	53	31	65.48	cps
Neodymium	150-2	13	3	3	7	86.65	cps
Nickel	60-2	670	780	653	701	9.82	cps
Phosphorus	31-2	2500	2375	2125	2334	8.18	cps
Potassium	39-2	346374	345873	340434	344227	0.96	cps
Rhodium	103-1	5366958	5039020	5215596	5207191	3.15	cps
Rhodium	103-2	2521516	2601517	2423639	2515557	3.54	cps
Scandium	45-1	4339458	4081431	4263586	4228159	3.14	cps
Scandium	45-2	183498	191200	176679	183793	3.95	cps
Selenium	77-2	0	10	3	4	114.60	cps
Selenium	78-2	35	30	37	34	11.36	cps
Selenium	82-1	127	79	109	105	23.48	cps
Silicon	28-1	38986532	38456008	38203760	38548767	1.04	cps
Silver	109-1	1092	1000	883	992	10.53	cps
Silver	107-1	958	1033	967	986	4.17	cps
Sodium	23-2	19177199	19125799	18969599	19090866	0.57	cps
Strontium	86-1	1781927	1784419	1766589	1777645	0.54	cps
Strontium	88-1	15949520	15749360	15750851	15816577	0.73	cps
Sulfur	34-1	977219	971129	961004	969784	0.84	cps
Terbium	159-1	8324934	7797553	8053046	8058511	3.27	cps
Terbium	159-2	4299446	4455073	4187697	4314072	3.11	cps
Thallium	203-1	142	150	150	147	3.27	cps
Thallium	205-1	358	425	333	372	12.73	cps
Thorium	232-1	189	200	133	174	20.52	cps
Tin	118-1	3567	3025	3559	3384	9.17	cps
Titanium	47-1	833	942	792	856	9.05	cps
Uranium	238-1	80030	81320	82134	81161	1.31	cps
Vanadium	51-2	4551	4447	4561	4520	1.39	cps
Yttrium	89-1	6518028	6091342	6356644	6322005	3.41	cps
Yttrium	89-2	953807	985368	921458	953545	3.35	cps

LB Number :	LB98267	Operator :	Jaswal
Lab Sample ID :	J5082-41	Instrumnet Name :	P7
Client Sample ID :	380914008	Dilution Factor :	1
Date & Time Acquired ::	2018-10-01 12:34:25	DataFile Name :	039SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zinc	66-2	107035	107307	106314	106885	0.48	cps
Zirconium	90-1	558	575	567	567	1.47	cps
Zirconium	91-1	167	117	92	125	30.55	cps

LB Number :	LB98267	Operator :	Jaswal
Lab Sample ID :	J5082-42	Instrumnet Name :	P7
Client Sample ID :	380914009	Dilution Factor :	1
Date & Time Acquired ::	2018-10-01 12:37:59	DataFile Name :	040SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	1325	1367	1433	1375	3.97	cps
Antimony	121-1	2159	2209	2409	2259	5.86	cps
Arsenic	75-1	16093	16074	18321	16830	7.68	cps
Barium	135-1	264452	257798	263376	261875	1.36	cps
Barium	137-1	455246	453454	457838	455512	0.48	cps
Beryllium	9-1	94	89	33	72	46.80	cps
Bismuth	209-1	5032296	4953555	4957084	4980978	0.89	cps
Bismuth	209-2	3039228	3057141	3113555	3069974	1.26	cps
Boron	11-1	254603	260037	261665	258768	1.43	cps
Boron	10-1	55076	57426	56557	56353	2.11	cps
Cadmium	106-1	2075	2142	1717	1978	11.56	cps
Cadmium	108-1	17	13	38	22	60.27	cps
Cadmium	111-1	1462	1528	1213	1401	11.86	cps
Calcium	43-1	1682932	1668905	1659817	1670551	0.70	cps
Calcium	44-1	27371930	27082413	26918911	27124418	0.85	cps
Chromium	52-2	1117	1183	1147	1149	2.91	cps
Cobalt	59-2	143	173	173	163	10.60	cps
Copper	63-2	230563	229107	227070	228914	0.77	cps
Dysprosium	156-1	17	42	50	36	48.03	cps
Dysprosium	156-2	23	10	10	14	53.28	cps
Erbium	164-2	17	13	17	16	12.40	cps
Erbium	164-1	58	33	25	39	44.62	cps
Gadolinium	160-1	42	42	58	47	20.38	cps
Gadolinium	160-2	147	100	80	109	31.42	cps
Holmium	165-1	8166119	8146050	8084263	8132144	0.52	cps
Holmium	165-2	4376933	4389335	4480977	4415748	1.29	cps
Indium	115-1	6097297	5993728	5969041	6020022	1.13	cps
Indium	115-2	1183696	1208379	1226837	1206304	1.79	cps
Iron	56-2	69274	68956	69833	69354	0.64	cps
Iron	57-2	8019	8319	8069	8136	1.98	cps
Krypton	83-1	203	187	213	201	6.70	cps
Lead	206-1	2234	2234	2500	2322	6.63	cps
Lead	207-1	1917	2017	1850	1928	4.35	cps
Lead	208-1	8751	9051	9202	9001	2.55	cps
Lithium	6-1	3462089	3448588	3419084	3443254	0.64	cps
Magnesium	24-2	2737961	2692323	2714285	2714856	0.84	cps

LB Number :	LB98267	Operator :	Jaswal
Lab Sample ID :	J5082-42	Instrumnet Name :	P7
Client Sample ID :	380914009	Dilution Factor :	1
Date & Time Acquired ::	2018-10-01 12:37:59	DataFile Name :	040SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	2427	2547	2460	2478	2.50	cps
Molybdenum	94-1	1392	1358	1375	1375	1.21	cps
Molybdenum	95-1	2250	2184	2034	2156	5.15	cps
Molybdenum	96-1	2425	2342	2025	2264	9.32	cps
Molybdenum	97-1	1283	1467	1067	1272	15.74	cps
Molybdenum	98-1	3551	3459	4042	3684	8.52	cps
Neodymium	150-1	53	13	33	33	60.02	cps
Neodymium	150-2	3	3	17	8	99.04	cps
Nickel	60-2	727	733	733	731	0.53	cps
Phosphorus	31-2	2100	2242	2317	2220	4.96	cps
Potassium	39-2	342714	341999	341801	342171	0.14	cps
Rhodium	103-1	5507334	5424317	5379461	5437037	1.19	cps
Rhodium	103-2	2520656	2570178	2596604	2562479	1.50	cps
Scandium	45-1	4504617	4427166	4391809	4441198	1.30	cps
Scandium	45-2	185846	186864	190734	187814	1.37	cps
Selenium	77-2	3	0	7	3	100.05	cps
Selenium	78-2	50	52	39	47	14.94	cps
Selenium	82-1	114	82	93	96	16.64	cps
Silicon	28-1	38434575	38060145	37839286	38111335	0.79	cps
Silver	109-1	875	933	1017	942	7.56	cps
Silver	107-1	1033	1108	883	1008	11.36	cps
Sodium	23-2	19193713	18971519	18950726	19038653	0.71	cps
Strontium	86-1	1944863	1939472	1951322	1945219	0.31	cps
Strontium	88-1	17458430	17311374	17326101	17365301	0.47	cps
Sulfur	34-1	922973	921213	921352	921846	0.11	cps
Terbium	159-1	8531276	8482477	8399911	8471221	0.78	cps
Terbium	159-2	4345714	4401486	4493444	4413548	1.69	cps
Thallium	203-1	142	108	150	133	16.54	cps
Thallium	205-1	225	383	275	294	27.49	cps
Thorium	232-1	156	150	139	148	5.73	cps
Tin	118-1	3826	3917	3651	3798	3.57	cps
Titanium	47-1	775	767	692	744	6.16	cps
Uranium	238-1	92025	90975	91479	91493	0.57	cps
Vanadium	51-2	4417	4461	4634	4504	2.55	cps
Yttrium	89-1	6714853	6623195	6544751	6627600	1.28	cps
Yttrium	89-2	961467	970071	991710	974416	1.60	cps

LB Number :	LB98267	Operator :	Jaswal
Lab Sample ID :	J5082-42	Instrumnet Name :	P7
Client Sample ID :	380914009	Dilution Factor :	1
Date & Time Acquired ::	2018-10-01 12:37:59	DataFile Name :	040SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zinc	66-2	109732	108026	109184	108981	0.80	cps
Zirconium	90-1	683	625	583	631	7.97	cps
Zirconium	91-1	108	217	108	144	43.30	cps

LB Number :	LB98267	Operator :	Jaswal
Lab Sample ID :	CCV19	Instrumnet Name :	P7
Client Sample ID :	CCV19	Dilution Factor :	1
Date & Time Acquired ::	2018-10-01 12:41:33	DataFile Name :	041CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	3819839	3833753	3839788	3831127	0.27	cps
Antimony	121-1	2572474	2625662	2666752	2621629	1.80	cps
Arsenic	75-1	596519	601237	619521	605759	2.01	cps
Barium	135-1	3708679	3734235	3754352	3732422	0.61	cps
Barium	137-1	6369250	6462411	6496876	6442846	1.02	cps
Beryllium	9-1	973290	993642	1014922	993951	2.09	cps
Bismuth	209-1	3674646	3665488	3682615	3674250	0.23	cps
Bismuth	209-2	2305948	2319050	2313989	2312995	0.29	cps
Boron	11-1	720560	753995	780809	751788	4.02	cps
Boron	10-1	159820	167124	172717	166554	3.88	cps
Cadmium	106-1	77487	79608	78886	78660	1.37	cps
Cadmium	108-1	52903	51853	53706	52820	1.76	cps
Cadmium	111-1	690720	704029	705575	700108	1.17	cps
Calcium	43-1	5278002	5392242	5498047	5389430	2.04	cps
Calcium	44-1	83691379	85421062	86357900	85156780	1.59	cps
Chromium	52-2	1025623	1052839	1051011	1043157	1.46	cps
Cobalt	59-2	1457912	1484194	1490034	1477380	1.16	cps
Copper	63-2	1843693	1879777	1891325	1871598	1.33	cps
Dysprosium	156-1	100	100	117	106	9.11	cps
Dysprosium	156-2	97	107	70	91	20.80	cps
Erbium	164-2	37	43	43	41	9.35	cps
Erbium	164-1	50	58	25	44	39.04	cps
Gadolinium	160-1	92	67	133	97	34.64	cps
Gadolinium	160-2	103	150	143	132	19.09	cps
Holmium	165-1	6574562	6640910	6597478	6604317	0.51	cps
Holmium	165-2	3652596	3663769	3637830	3651398	0.36	cps
Indium	115-1	4636690	4646604	4661898	4648398	0.27	cps
Indium	115-2	977896	1005204	1008907	997336	1.70	cps
Iron	56-2	207671866	208787810	208448488	208302721	0.27	cps
Iron	57-2	4946343	5004637	4977384	4976121	0.59	cps
Krypton	83-1	160	230	190	193	18.17	cps
Lead	206-1	2317717	2343621	2341466	2334268	0.62	cps
Lead	207-1	2126344	2141057	2134421	2133941	0.35	cps
Lead	208-1	9474686	9523909	9566022	9521539	0.48	cps
Lithium	6-1	2724020	2766315	2778226	2756187	1.03	cps
Magnesium	24-2	42305908	42428322	42489880	42408037	0.22	cps

LB Number :	LB98267	Operator :	Jaswal
Lab Sample ID :	CCV19	Instrumnet Name :	P7
Client Sample ID :	CCV19	Dilution Factor :	1
Date & Time Acquired ::	2018-10-01 12:41:33	DataFile Name :	041CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	1197884	1216281	1222257	1212141	1.05	cps
Molybdenum	94-1	6454380	6500187	6580408	6511658	0.98	cps
Molybdenum	95-1	7822690	7926839	8019084	7922871	1.24	cps
Molybdenum	96-1	8663691	8723467	8873345	8753501	1.23	cps
Molybdenum	97-1	4954237	4982492	5058601	4998444	1.08	cps
Molybdenum	98-1	12424180	12664470	12774872	12621174	1.42	cps
Neodymium	150-1	307	280	320	302	6.74	cps
Neodymium	150-2	63	70	63	66	5.87	cps
Nickel	60-2	378011	385856	383401	382423	1.05	cps
Phosphorus	31-2	38242	38927	38852	38673	0.97	cps
Potassium	39-2	18833496	18943200	18950236	18908978	0.35	cps
Rhodium	103-1	4117633	4156931	4184169	4152911	0.81	cps
Rhodium	103-2	2058176	2104716	2091340	2084744	1.15	cps
Scandium	45-1	3613780	3637501	3656957	3636080	0.59	cps
Scandium	45-2	164026	168519	169335	167293	1.71	cps
Selenium	77-2	2404	2820	2474	2566	8.70	cps
Selenium	78-2	8593	8775	8858	8742	1.55	cps
Selenium	82-1	53451	53749	54610	53937	1.12	cps
Silicon	28-1	2673688	2758195	2812745	2748209	2.55	cps
Silver	109-1	3366574	3388160	3423123	3392619	0.84	cps
Silver	107-1	3503178	3551012	3586283	3546824	1.18	cps
Sodium	23-2	83467448	83645773	84025689	83712970	0.34	cps
Strontium	86-1	1003663	1015904	1032087	1017218	1.40	cps
Strontium	88-1	8749949	8877998	8965077	8864341	1.22	cps
Sulfur	34-1	520392	523596	528068	524019	0.74	cps
Terbium	159-1	6853908	6839874	6868582	6854121	0.21	cps
Terbium	159-2	3643286	3655561	3663415	3654087	0.28	cps
Thallium	203-1	2935925	2952790	2959929	2949548	0.42	cps
Thallium	205-1	6793024	6787168	6852159	6810784	0.53	cps
Thorium	232-1	10679508	10726924	10823097	10743176	0.68	cps
Tin	118-1	2453454	2487859	2528406	2489906	1.51	cps
Titanium	47-1	2402987	2451990	2471237	2442071	1.44	cps
Uranium	238-1	10179543	10261750	10372480	10271258	0.94	cps
Vanadium	51-2	834784	850227	851288	845433	1.09	cps
Yttrium	89-1	5348425	5409034	5397933	5385130	0.60	cps
Yttrium	89-2	828893	847295	839819	838669	1.10	cps

LB Number :	LB98267	Operator :	Jaswal
Lab Sample ID :	CCV19	Instrumnet Name :	P7
Client Sample ID :	CCV19	Dilution Factor :	1
Date & Time Acquired ::	2018-10-01 12:41:33	DataFile Name :	041CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zinc	66-2	283074	289798	290439	287770	1.42	cps
Zirconium	90-1	5511250	5638032	5611242	5586841	1.20	cps
Zirconium	91-1	1181038	1209988	1216562	1202529	1.57	cps

LB Number : LB98267 Operator : Jaswal
 Lab Sample ID : CCB19 Instrumnet Name : P7
 Client Sample ID : CCB19 Dilution Factor : 1
 Date & Time Acquired :: 2018-10-01 12:45:13 DataFile Name : 042CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	183	634	175	331	79.37	cps
Antimony	121-1	1325	1275	1342	1314	2.64	cps
Arsenic	75-1	395	423	52	290	71.20	cps
Barium	135-1	417	417	392	408	3.53	cps
Barium	137-1	567	533	625	575	8.07	cps
Beryllium	9-1	256	200	239	231	12.32	cps
Bismuth	209-1	4406861	4476326	4474306	4452498	0.89	cps
Bismuth	209-2	2855251	2787051	2802317	2814873	1.27	cps
Boron	11-1	59334	57561	54977	57291	3.82	cps
Boron	10-1	12848	13064	12097	12670	4.01	cps
Cadmium	106-1	1734	1550	1842	1709	8.63	cps
Cadmium	108-1	17	4	8	10	65.47	cps
Cadmium	111-1	1381	1245	1484	1370	8.75	cps
Calcium	43-1	725	692	808	742	8.10	cps
Calcium	44-1	14374	15225	14182	14594	3.80	cps
Chromium	52-2	440	467	423	443	4.93	cps
Cobalt	59-2	97	107	57	87	30.53	cps
Copper	63-2	1127	1057	923	1036	9.98	cps
Dysprosium	156-1	0	8	0	3	173.21	cps
Dysprosium	156-2	0	0	0	0	0.00	cps
Erbium	164-2	10	10	7	9	21.63	cps
Erbium	164-1	17	25	25	22	21.64	cps
Gadolinium	160-1	25	50	50	42	34.64	cps
Gadolinium	160-2	110	97	73	93	19.89	cps
Holmium	165-1	6976974	7086856	7075112	7046314	0.86	cps
Holmium	165-2	3940188	3869632	3847518	3885779	1.25	cps
Indium	115-1	5360404	5420107	5449674	5410061	0.84	cps
Indium	115-2	1107455	1086293	1088903	1094217	1.05	cps
Iron	56-2	13579	17067	8553	13066	32.76	cps
Iron	57-2	383	445	322	383	15.95	cps
Krypton	83-1	223	213	207	214	3.91	cps
Lead	206-1	433	450	483	456	5.59	cps
Lead	207-1	417	433	417	422	2.28	cps
Lead	208-1	1822	2022	1806	1883	6.40	cps
Lithium	6-1	3132079	3117914	3144357	3131450	0.42	cps
Magnesium	24-2	2492	3798	1400	2563	46.84	cps

LB Number :	LB98267	Operator :	Jaswal
Lab Sample ID :	CCB19	Instrumnet Name :	P7
Client Sample ID :	CCB19	Dilution Factor :	1
Date & Time Acquired ::	2018-10-01 12:45:13	DataFile Name :	042CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	87	140	73	100	35.28	cps
Molybdenum	94-1	1317	1425	1417	1386	4.35	cps
Molybdenum	95-1	1625	1609	1542	1592	2.77	cps
Molybdenum	96-1	2100	1934	1925	1986	4.97	cps
Molybdenum	97-1	825	1050	958	945	11.98	cps
Molybdenum	98-1	2984	2600	2634	2739	7.75	cps
Neodymium	150-1	0	0	0	0	0.00	cps
Neodymium	150-2	0	3	0	1	173.21	cps
Nickel	60-2	60	47	47	51	15.06	cps
Phosphorus	31-2	108	125	83	106	19.87	cps
Potassium	39-2	9195	9855	9028	9359	4.67	cps
Rhodium	103-1	5026775	5046169	5127445	5066796	1.05	cps
Rhodium	103-2	2422374	2385984	2372807	2393722	1.07	cps
Scandium	45-1	3989329	4008786	4039460	4012525	0.63	cps
Scandium	45-2	175994	170542	172094	172877	1.62	cps
Selenium	77-2	0	0	3	1	173.21	cps
Selenium	78-2	26	17	31	25	30.30	cps
Selenium	82-1	-39	3	-3	-13	-172.90	cps
Silicon	28-1	174995	169561	166737	170431	2.46	cps
Silver	109-1	683	675	725	694	3.86	cps
Silver	107-1	858	925	825	870	5.86	cps
Sodium	23-2	17160	20037	14449	17216	16.23	cps
Strontium	86-1	567	492	542	533	7.16	cps
Strontium	88-1	2159	2117	2167	2147	1.25	cps
Sulfur	34-1	147033	147388	148046	147489	0.35	cps
Terbium	159-1	7315914	7425696	7457145	7399585	1.00	cps
Terbium	159-2	3976380	3875184	3868954	3906839	1.54	cps
Thallium	203-1	933	883	800	872	7.72	cps
Thallium	205-1	2525	2209	2150	2295	8.80	cps
Thorium	232-1	4445	4095	4017	4186	5.45	cps
Tin	118-1	1325	1625	1383	1445	11.01	cps
Titanium	47-1	267	317	183	256	26.36	cps
Uranium	238-1	867	1008	1200	1025	16.32	cps
Vanadium	51-2	57	103	40	67	49.25	cps
Yttrium	89-1	5873680	5961152	5961206	5932013	0.85	cps
Yttrium	89-2	892427	872639	878504	881190	1.15	cps

LB Number :	LB98267	Operator :	Jaswal
Lab Sample ID :	CCB19	Instrumnet Name :	P7
Client Sample ID :	CCB19	Dilution Factor :	1
Date & Time Acquired ::	2018-10-01 12:45:13	DataFile Name :	042CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zinc	66-2	233	250	197	227	12.04	cps
Zirconium	90-1	1175	1425	1308	1303	9.60	cps
Zirconium	91-1	292	325	258	292	11.43	cps

LB Number :	LB98267	Operator :	Jaswal
Lab Sample ID :	J5082-43	Instrumnet Name :	P7
Client Sample ID :	380914011	Dilution Factor :	1
Date & Time Acquired ::	2018-10-01 12:48:46	DataFile Name :	043SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	2134	2025	2175	2111	3.67	cps
Antimony	121-1	4301	4659	4276	4412	4.86	cps
Arsenic	75-1	5199	5276	5718	5398	5.18	cps
Barium	135-1	400	350	375	375	6.67	cps
Barium	137-1	750	708	533	664	17.32	cps
Beryllium	9-1	94	67	72	78	18.90	cps
Bismuth	209-1	5049993	5005767	4940547	4998769	1.10	cps
Bismuth	209-2	3056175	3069681	3023576	3049811	0.78	cps
Boron	11-1	37907	37865	36111	37294	2.75	cps
Boron	10-1	7927	7652	8086	7888	2.78	cps
Cadmium	106-1	2334	1967	1975	2092	10.01	cps
Cadmium	108-1	4	13	21	13	66.64	cps
Cadmium	111-1	1743	1410	1443	1532	11.99	cps
Calcium	43-1	1792	1967	1784	1847	5.60	cps
Calcium	44-1	35845	34057	34725	34876	2.59	cps
Chromium	52-2	810	733	790	778	5.11	cps
Cobalt	59-2	117	97	83	99	16.97	cps
Copper	63-2	1630	1653	1560	1615	3.01	cps
Dysprosium	156-1	0	8	8	6	86.60	cps
Dysprosium	156-2	3	0	13	6	124.93	cps
Erbium	164-2	13	17	23	18	28.64	cps
Erbium	164-1	17	25	33	25	33.32	cps
Gadolinium	160-1	33	50	33	39	24.75	cps
Gadolinium	160-2	133	113	107	118	11.78	cps
Holmium	165-1	8021094	7882974	7824635	7909568	1.28	cps
Holmium	165-2	4269405	4279019	4181894	4243439	1.26	cps
Indium	115-1	6146743	6063348	6029114	6079735	1.00	cps
Indium	115-2	1185881	1189580	1173940	1183134	0.69	cps
Iron	56-2	10599	10927	10815	10780	1.55	cps
Iron	57-2	339	300	256	298	13.98	cps
Krypton	83-1	190	163	187	180	8.07	cps
Lead	206-1	1050	1000	1095	1048	4.51	cps
Lead	207-1	1022	917	978	972	5.45	cps
Lead	208-1	4523	4212	4334	4356	3.60	cps
Lithium	6-1	3576939	3541938	3489448	3536108	1.25	cps
Magnesium	24-2	3351	3067	3200	3206	4.42	cps

LB Number :	LB98267	Operator :	Jaswal
Lab Sample ID :	J5082-43	Instrumnet Name :	P7
Client Sample ID :	380914011	Dilution Factor :	1
Date & Time Acquired ::	2018-10-01 12:48:46	DataFile Name :	043SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	730	707	647	694	6.19	cps
Molybdenum	94-1	450	467	508	475	6.33	cps
Molybdenum	95-1	375	242	283	300	22.74	cps
Molybdenum	96-1	458	350	450	419	14.37	cps
Molybdenum	97-1	192	200	208	200	4.16	cps
Molybdenum	98-1	542	500	517	519	4.04	cps
Neodymium	150-1	0	7	13	7	99.98	cps
Neodymium	150-2	10	7	13	10	33.30	cps
Nickel	60-2	177	153	140	157	11.85	cps
Phosphorus	31-2	217	158	183	186	15.73	cps
Potassium	39-2	9303	9395	9712	9470	2.26	cps
Rhodium	103-1	5685252	5659821	5590315	5645129	0.87	cps
Rhodium	103-2	2612840	2608601	2570223	2597221	0.90	cps
Scandium	45-1	4507434	4472022	4423241	4467566	0.95	cps
Scandium	45-2	185376	185002	180126	183501	1.60	cps
Selenium	77-2	0	3	3	2	86.60	cps
Selenium	78-2	33	30	26	30	12.49	cps
Selenium	82-1	-9	44	29	22	125.37	cps
Silicon	28-1	125279	124128	123506	124304	0.72	cps
Silver	109-1	908	817	925	883	6.60	cps
Silver	107-1	750	908	1000	886	14.27	cps
Sodium	23-2	28135	27877	28996	28336	2.07	cps
Strontium	86-1	1442	1450	1283	1392	6.75	cps
Strontium	88-1	10104	9053	9737	9631	5.54	cps
Sulfur	34-1	144949	142475	142367	143264	1.02	cps
Terbium	159-1	8365560	8277183	8267797	8303513	0.65	cps
Terbium	159-2	4297999	4294759	4202830	4265196	1.27	cps
Thallium	203-1	1142	1058	933	1045	10.04	cps
Thallium	205-1	2750	2659	2309	2573	9.06	cps
Thorium	232-1	811	728	794	778	5.67	cps
Tin	118-1	3601	3776	3942	3773	4.53	cps
Titanium	47-1	225	258	117	200	37.03	cps
Uranium	238-1	142	142	183	156	15.47	cps
Vanadium	51-2	93	83	100	92	9.10	cps
Yttrium	89-1	6681398	6620659	6527481	6609846	1.17	cps
Yttrium	89-2	948649	947911	939480	945347	0.54	cps

LB Number :	LB98267	Operator :	Jaswal
Lab Sample ID :	J5082-43	Instrumnet Name :	P7
Client Sample ID :	380914011	Dilution Factor :	1
Date & Time Acquired ::	2018-10-01 12:48:46	DataFile Name :	043SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zinc	66-2	1903	1997	1974	1958	2.48	cps
Zirconium	90-1	675	775	792	747	8.45	cps
Zirconium	91-1	100	125	150	125	20.00	cps

LB Number :	LB98267	Operator :	Jaswal
Lab Sample ID :	J5082-44	Instrumnet Name :	P7
Client Sample ID :	380914012	Dilution Factor :	1
Date & Time Acquired ::	2018-10-01 12:52:20	DataFile Name :	044SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	1834	1717	1433	1661	12.38	cps
Antimony	121-1	3309	2984	3075	3123	5.37	cps
Arsenic	75-1	8655	9079	10418	9384	9.81	cps
Barium	135-1	61294	62223	59930	61149	1.89	cps
Barium	137-1	107556	106725	104080	106120	1.71	cps
Beryllium	9-1	106	56	78	80	31.46	cps
Bismuth	209-1	4851192	4788695	4773526	4804471	0.86	cps
Bismuth	209-2	2953859	2922866	2934825	2937183	0.53	cps
Boron	11-1	161798	163552	168117	164489	1.98	cps
Boron	10-1	35334	36336	36645	36105	1.90	cps
Cadmium	106-1	2009	1892	2167	2022	6.83	cps
Cadmium	108-1	13	13	42	22	75.78	cps
Cadmium	111-1	1447	1391	1546	1461	5.38	cps
Calcium	43-1	1821251	1799715	1777364	1799443	1.22	cps
Calcium	44-1	29741462	29216013	29105439	29354305	1.16	cps
Chromium	52-2	957	1120	1080	1052	8.09	cps
Cobalt	59-2	617	587	563	589	4.54	cps
Copper	63-2	894062	889679	894033	892591	0.28	cps
Dysprosium	156-1	17	42	8	22	78.07	cps
Dysprosium	156-2	10	13	3	9	57.30	cps
Erbium	164-2	23	37	20	27	33.08	cps
Erbium	164-1	25	8	33	22	57.29	cps
Gadolinium	160-1	58	67	67	64	7.53	cps
Gadolinium	160-2	113	120	137	123	9.74	cps
Holmium	165-1	8065782	7973537	7957059	7998793	0.73	cps
Holmium	165-2	4282625	4255963	4240488	4259692	0.50	cps
Indium	115-1	5972786	5932602	5899808	5935065	0.62	cps
Indium	115-2	1163713	1173140	1169792	1168881	0.41	cps
Iron	56-2	12784	12856	12622	12754	0.94	cps
Iron	57-2	7669	8008	7474	7717	3.50	cps
Krypton	83-1	187	160	203	183	11.92	cps
Lead	206-1	25826	26304	26165	26098	0.94	cps
Lead	207-1	22024	21802	21295	21707	1.72	cps
Lead	208-1	101386	102729	100014	101376	1.34	cps
Lithium	6-1	3509413	3466445	3459586	3478481	0.78	cps
Magnesium	24-2	5035491	5035332	5014226	5028350	0.24	cps

LB Number :	LB98267	Operator :	Jaswal
Lab Sample ID :	J5082-44	Instrumnet Name :	P7
Client Sample ID :	380914012	Dilution Factor :	1
Date & Time Acquired ::	2018-10-01 12:52:20	DataFile Name :	044SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	2680	2524	2637	2614	3.10	cps
Molybdenum	94-1	1967	2084	2134	2061	4.15	cps
Molybdenum	95-1	2800	2925	2900	2875	2.30	cps
Molybdenum	96-1	3367	3317	3334	3339	0.76	cps
Molybdenum	97-1	1692	1834	1608	1711	6.65	cps
Molybdenum	98-1	4476	4818	4876	4723	4.58	cps
Neodymium	150-1	33	0	0	11	173.21	cps
Neodymium	150-2	7	3	10	7	50.03	cps
Nickel	60-2	3040	2924	2910	2958	2.42	cps
Phosphorus	31-2	1458	1208	1492	1386	11.17	cps
Potassium	39-2	309303	307079	306718	307700	0.45	cps
Rhodium	103-1	5459172	5338876	5365317	5387788	1.17	cps
Rhodium	103-2	2472281	2475939	2472815	2473679	0.08	cps
Scandium	45-1	4442411	4384184	4360005	4395534	0.96	cps
Scandium	45-2	182177	183048	182705	182643	0.24	cps
Selenium	77-2	0	3	3	2	86.60	cps
Selenium	78-2	44	44	28	39	24.74	cps
Selenium	82-1	61	103	57	74	34.24	cps
Silicon	28-1	39128720	38706830	38310320	38715290	1.06	cps
Silver	109-1	925	900	1008	945	6.01	cps
Silver	107-1	1108	1225	925	1086	13.92	cps
Sodium	23-2	18073141	18049652	17920454	18014416	0.46	cps
Strontium	86-1	674996	659379	659266	664547	1.36	cps
Strontium	88-1	5900000	5781096	5758858	5813318	1.31	cps
Sulfur	34-1	887468	877894	866007	877123	1.23	cps
Terbium	159-1	8401750	8315024	8243155	8319976	0.95	cps
Terbium	159-2	4298376	4281774	4256217	4278789	0.50	cps
Thallium	203-1	250	300	283	278	9.17	cps
Thallium	205-1	675	808	733	739	9.05	cps
Thorium	232-1	422	600	506	509	17.47	cps
Tin	118-1	3459	3576	3867	3634	5.79	cps
Titanium	47-1	725	892	683	767	14.38	cps
Uranium	238-1	43791	43055	43097	43315	0.95	cps
Vanadium	51-2	1800	1737	1817	1785	2.37	cps
Yttrium	89-1	6655774	6526019	6524656	6568816	1.15	cps
Yttrium	89-2	946539	951201	950470	949403	0.26	cps

LB Number :	LB98267	Operator :	Jaswal
Lab Sample ID :	J5082-44	Instrumnet Name :	P7
Client Sample ID :	380914012	Dilution Factor :	1
Date & Time Acquired ::	2018-10-01 12:52:20	DataFile Name :	044SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zinc	66-2	47969	47159	47387	47505	0.88	cps
Zirconium	90-1	1634	1400	1458	1497	8.11	cps
Zirconium	91-1	283	333	217	278	21.07	cps

LB Number :	LB98267	Operator :	Jaswal
Lab Sample ID :	J5082-45	Instrumnet Name :	P7
Client Sample ID :	380914013	Dilution Factor :	1
Date & Time Acquired ::	2018-10-01 12:55:55	DataFile Name :	045SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	1684	1650	1759	1697	3.27	cps
Antimony	121-1	1917	2117	2317	2117	9.45	cps
Arsenic	75-1	11793	13169	12914	12625	5.80	cps
Barium	135-1	65614	64568	63729	64637	1.46	cps
Barium	137-1	116023	114586	112520	114376	1.54	cps
Beryllium	9-1	89	106	89	94	10.19	cps
Bismuth	209-1	4803311	4756500	4750833	4770215	0.60	cps
Bismuth	209-2	2887282	2851351	2863661	2867431	0.64	cps
Boron	11-1	163721	167460	169272	166817	1.70	cps
Boron	10-1	36729	35927	38350	37002	3.34	cps
Cadmium	106-1	1859	2184	2009	2017	8.07	cps
Cadmium	108-1	25	25	21	24	10.20	cps
Cadmium	111-1	1388	1553	1437	1459	5.80	cps
Calcium	43-1	1894753	1890750	1858174	1881226	1.07	cps
Calcium	44-1	30969803	30767437	30449237	30728826	0.85	cps
Chromium	52-2	1037	1153	1017	1069	6.91	cps
Cobalt	59-2	293	277	237	269	10.83	cps
Copper	63-2	958119	952945	959737	956933	0.37	cps
Dysprosium	156-1	42	25	25	31	31.50	cps
Dysprosium	156-2	23	27	17	22	22.91	cps
Erbium	164-2	7	40	17	21	81.01	cps
Erbium	164-1	17	25	33	25	33.32	cps
Gadolinium	160-1	108	50	83	81	36.33	cps
Gadolinium	160-2	147	107	113	122	17.53	cps
Holmium	165-1	7973267	7913650	7853032	7913316	0.76	cps
Holmium	165-2	4153577	4144790	4145430	4147932	0.12	cps
Indium	115-1	5852510	5814627	5774862	5814000	0.67	cps
Indium	115-2	1131422	1131587	1141490	1134833	0.51	cps
Iron	56-2	19497	19969	19613	19693	1.25	cps
Iron	57-2	7630	8403	7919	7984	4.89	cps
Krypton	83-1	200	173	187	187	7.14	cps
Lead	206-1	5062	4829	4618	4836	4.60	cps
Lead	207-1	3962	4045	3706	3904	4.52	cps
Lead	208-1	18756	18934	17850	18513	3.14	cps
Lithium	6-1	3408178	3377798	3346648	3377541	0.91	cps
Magnesium	24-2	5057019	5002269	5017353	5025547	0.56	cps

LB Number :	LB98267	Operator :	Jaswal
Lab Sample ID :	J5082-45	Instrumnet Name :	P7
Client Sample ID :	380914013	Dilution Factor :	1
Date & Time Acquired ::	2018-10-01 12:55:55	DataFile Name :	045SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	1077	1143	1167	1129	4.14	cps
Molybdenum	94-1	2192	1917	1884	1997	8.47	cps
Molybdenum	95-1	2592	3050	3042	2895	9.06	cps
Molybdenum	96-1	3075	3159	3025	3087	2.18	cps
Molybdenum	97-1	1775	1900	1884	1853	3.66	cps
Molybdenum	98-1	4518	5285	4618	4807	8.67	cps
Neodymium	150-1	20	27	7	18	57.27	cps
Neodymium	150-2	7	10	3	7	50.03	cps
Nickel	60-2	1353	1333	1363	1350	1.13	cps
Phosphorus	31-2	1442	1608	1483	1511	5.74	cps
Potassium	39-2	295061	299840	298175	297692	0.81	cps
Rhodium	103-1	5289698	5235654	5237272	5254208	0.59	cps
Rhodium	103-2	2398522	2388562	2394270	2393785	0.21	cps
Scandium	45-1	4299955	4295115	4292255	4295775	0.09	cps
Scandium	45-2	177755	175502	177452	176903	0.69	cps
Selenium	77-2	0	0	7	2	173.21	cps
Selenium	78-2	22	30	31	28	17.64	cps
Selenium	82-1	96	77	42	72	38.59	cps
Silicon	28-1	40376085	40204799	39912240	40164375	0.58	cps
Silver	109-1	975	992	1158	1042	9.73	cps
Silver	107-1	958	1050	1033	1014	4.82	cps
Sodium	23-2	17411002	17259067	17357405	17342491	0.44	cps
Strontium	86-1	687425	688017	679582	685008	0.69	cps
Strontium	88-1	6051091	6002710	5943277	5999026	0.90	cps
Sulfur	34-1	841291	842720	836013	840008	0.42	cps
Terbium	159-1	8234460	8213652	8139942	8196018	0.61	cps
Terbium	159-2	4153032	4157040	4154282	4154785	0.05	cps
Thallium	203-1	183	183	225	197	12.20	cps
Thallium	205-1	392	367	400	386	4.49	cps
Thorium	232-1	344	417	350	370	10.85	cps
Tin	118-1	4559	4334	4351	4415	2.84	cps
Titanium	47-1	725	775	783	761	4.14	cps
Uranium	238-1	47405	45180	44092	45559	3.71	cps
Vanadium	51-2	1930	1883	1840	1885	2.39	cps
Yttrium	89-1	6460405	6391054	6387125	6412861	0.64	cps
Yttrium	89-2	910937	915169	914422	913509	0.25	cps

LB Number :	LB98267	Operator :	Jaswal
Lab Sample ID :	J5082-45	Instrumnet Name :	P7
Client Sample ID :	380914013	Dilution Factor :	1
Date & Time Acquired ::	2018-10-01 12:55:55	DataFile Name :	045SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zinc	66-2	42843	43648	42709	43067	1.18	cps
Zirconium	90-1	750	808	808	789	4.27	cps
Zirconium	91-1	217	142	117	158	32.87	cps

LB Number :	LB98267	Operator :	Jaswal
Lab Sample ID :	J5082-46	Instrumnet Name :	P7
Client Sample ID :	380914019	Dilution Factor :	1
Date & Time Acquired ::	2018-10-01 12:59:29	DataFile Name :	046SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	1158	1292	942	1131	15.63	cps
Antimony	121-1	1759	2167	1975	1967	10.39	cps
Arsenic	75-1	14345	14562	15535	14814	4.28	cps
Barium	135-1	70328	68753	67589	68890	2.00	cps
Barium	137-1	121335	118930	117762	119342	1.53	cps
Beryllium	9-1	56	61	56	57	5.58	cps
Bismuth	209-1	4903514	4837009	4787303	4842609	1.20	cps
Bismuth	209-2	2928337	2903837	2887309	2906494	0.71	cps
Boron	11-1	168296	171176	174278	171250	1.75	cps
Boron	10-1	36169	37756	38049	37325	2.71	cps
Cadmium	106-1	2009	1900	1859	1922	4.03	cps
Cadmium	108-1	4	21	17	14	62.43	cps
Cadmium	111-1	1461	1353	1343	1386	4.73	cps
Calcium	43-1	1876544	1861471	1839507	1859174	1.00	cps
Calcium	44-1	30822385	30173928	29955724	30317345	1.49	cps
Chromium	52-2	767	800	840	802	4.58	cps
Cobalt	59-2	737	763	750	750	1.78	cps
Copper	63-2	1379555	1382049	1388497	1383367	0.33	cps
Dysprosium	156-1	67	83	50	67	25.00	cps
Dysprosium	156-2	33	37	23	31	22.31	cps
Erbium	164-2	40	47	23	37	32.79	cps
Erbium	164-1	50	0	8	19	137.78	cps
Gadolinium	160-1	100	83	83	89	10.83	cps
Gadolinium	160-2	110	150	187	149	25.76	cps
Holmium	165-1	8101878	7994017	7906530	8000808	1.22	cps
Holmium	165-2	4245732	4205205	4198911	4216616	0.60	cps
Indium	115-1	5944623	5898367	5816527	5886505	1.10	cps
Indium	115-2	1152963	1158768	1152125	1154619	0.31	cps
Iron	56-2	214645	216319	214194	215053	0.52	cps
Iron	57-2	12823	12100	12828	12583	3.33	cps
Krypton	83-1	237	207	200	214	9.11	cps
Lead	206-1	7391	7647	7486	7508	1.72	cps
Lead	207-1	6096	6557	5940	6198	5.18	cps
Lead	208-1	28713	29719	28346	28926	2.46	cps
Lithium	6-1	3420390	3371155	3352579	3381375	1.04	cps
Magnesium	24-2	5054310	5055628	5067295	5059078	0.14	cps

LB Number :	LB98267	Operator :	Jaswal
Lab Sample ID :	J5082-46	Instrumnet Name :	P7
Client Sample ID :	380914019	Dilution Factor :	1
Date & Time Acquired ::	2018-10-01 12:59:29	DataFile Name :	046SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	15045	14901	14934	14960	0.50	cps
Molybdenum	94-1	2050	1692	2117	1953	11.71	cps
Molybdenum	95-1	3092	3175	3142	3137	1.34	cps
Molybdenum	96-1	3367	3150	2925	3148	7.02	cps
Molybdenum	97-1	1659	1842	1850	1784	6.08	cps
Molybdenum	98-1	4784	4884	4559	4743	3.51	cps
Neodymium	150-1	27	20	27	24	15.75	cps
Neodymium	150-2	3	7	7	6	34.70	cps
Nickel	60-2	2547	2667	2437	2550	4.51	cps
Phosphorus	31-2	1367	1625	1292	1428	12.25	cps
Potassium	39-2	307322	308037	307558	307639	0.12	cps
Rhodium	103-1	5325583	5314802	5245526	5295304	0.82	cps
Rhodium	103-2	2444634	2433139	2425191	2434321	0.40	cps
Scandium	45-1	4381691	4315254	4255649	4317531	1.46	cps
Scandium	45-2	179425	179559	178312	179099	0.38	cps
Selenium	77-2	3	3	3	3	0.00	cps
Selenium	78-2	31	24	41	32	26.02	cps
Selenium	82-1	41	44	37	41	8.53	cps
Silicon	28-1	37685475	37165540	36954615	37268544	1.01	cps
Silver	109-1	767	675	783	742	7.86	cps
Silver	107-1	617	833	800	750	15.56	cps
Sodium	23-2	17480642	17349221	17328722	17386195	0.47	cps
Strontium	86-1	716159	702912	696817	705296	1.40	cps
Strontium	88-1	6200559	6148081	6073867	6140836	1.04	cps
Sulfur	34-1	867757	870755	867338	868617	0.21	cps
Terbium	159-1	8400400	8211976	8281710	8298028	1.15	cps
Terbium	159-2	4238344	4236240	4220274	4231619	0.23	cps
Thallium	203-1	133	125	125	128	3.76	cps
Thallium	205-1	442	458	333	411	16.51	cps
Thorium	232-1	256	272	278	269	4.31	cps
Tin	118-1	5443	5109	5535	5362	4.17	cps
Titanium	47-1	642	642	733	672	7.87	cps
Uranium	238-1	47613	47312	47237	47387	0.42	cps
Vanadium	51-2	1447	1350	1337	1378	4.36	cps
Yttrium	89-1	6533333	6450743	6412849	6465642	0.95	cps
Yttrium	89-2	929860	923832	935009	929567	0.60	cps

LB Number :	LB98267	Operator :	Jaswal
Lab Sample ID :	J5082-46	Instrumnet Name :	P7
Client Sample ID :	380914019	Dilution Factor :	1
Date & Time Acquired ::	2018-10-01 12:59:29	DataFile Name :	046SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zinc	66-2	8052	7882	7976	7970	1.07	cps
Zirconium	90-1	617	783	808	736	14.16	cps
Zirconium	91-1	133	192	125	150	24.22	cps

LB Number :	LB98267	Operator :	Jaswal
Lab Sample ID :	J5082-47	Instrumnet Name :	P7
Client Sample ID :	380914020	Dilution Factor :	1
Date & Time Acquired ::	2018-10-01 13:03:04	DataFile Name :	047SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	1333	1458	1417	1403	4.54	cps
Antimony	121-1	2309	2300	2392	2334	2.17	cps
Arsenic	75-1	14675	16682	16455	15938	6.90	cps
Barium	135-1	68093	67204	67296	67531	0.72	cps
Barium	137-1	120125	117746	116628	118166	1.51	cps
Beryllium	9-1	89	56	67	70	24.12	cps
Bismuth	209-1	4840850	4808812	4776003	4808555	0.67	cps
Bismuth	209-2	2926002	2881922	2876187	2894704	0.94	cps
Boron	11-1	162574	166610	169913	166365	2.21	cps
Boron	10-1	34674	36837	36578	36030	3.28	cps
Cadmium	106-1	1950	1909	1892	1917	1.57	cps
Cadmium	108-1	142	63	104	103	38.53	cps
Cadmium	111-1	1970	1980	1997	1982	0.69	cps
Calcium	43-1	1828934	1822312	1810610	1820619	0.51	cps
Calcium	44-1	29634676	29544158	29529248	29569360	0.19	cps
Chromium	52-2	1053	1180	967	1067	10.06	cps
Cobalt	59-2	597	587	573	586	2.00	cps
Copper	63-2	590070	590678	589229	589992	0.12	cps
Dysprosium	156-1	25	58	25	36	53.30	cps
Dysprosium	156-2	17	10	10	12	31.50	cps
Erbium	164-2	20	17	20	19	10.18	cps
Erbium	164-1	75	50	25	50	50.00	cps
Gadolinium	160-1	42	33	25	33	25.01	cps
Gadolinium	160-2	100	107	90	99	8.48	cps
Holmium	165-1	8020155	7945603	7839148	7934969	1.15	cps
Holmium	165-2	4230337	4197985	4158935	4195752	0.85	cps
Indium	115-1	5835895	5840879	5827577	5834784	0.12	cps
Indium	115-2	1153682	1150764	1138832	1147759	0.69	cps
Iron	56-2	30382	28951	28968	29434	2.79	cps
Iron	57-2	7886	7847	7952	7895	0.68	cps
Krypton	83-1	180	143	153	159	11.93	cps
Lead	206-1	86300	85132	86110	85848	0.73	cps
Lead	207-1	74369	72458	73999	73609	1.38	cps
Lead	208-1	341888	337034	338017	338980	0.76	cps
Lithium	6-1	3378298	3350325	3341853	3356825	0.57	cps
Magnesium	24-2	4988499	4942526	4910911	4947312	0.79	cps

LB Number :	LB98267	Operator :	Jaswal
Lab Sample ID :	J5082-47	Instrumnet Name :	P7
Client Sample ID :	380914020	Dilution Factor :	1
Date & Time Acquired ::	2018-10-01 13:03:04	DataFile Name :	047SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	2937	2897	3014	2949	2.01	cps
Molybdenum	94-1	1825	1817	1867	1836	1.46	cps
Molybdenum	95-1	2767	2817	2825	2803	1.13	cps
Molybdenum	96-1	3025	2709	2900	2878	5.54	cps
Molybdenum	97-1	1800	1742	1850	1797	3.02	cps
Molybdenum	98-1	4251	4784	4459	4498	5.98	cps
Neodymium	150-1	27	7	7	13	86.58	cps
Neodymium	150-2	3	0	0	1	173.21	cps
Nickel	60-2	21326	21336	20892	21184	1.20	cps
Phosphorus	31-2	1575	1242	1325	1381	12.57	cps
Potassium	39-2	311481	306397	304066	307315	1.23	cps
Rhodium	103-1	5328572	5310737	5255411	5298240	0.72	cps
Rhodium	103-2	2447290	2417098	2408723	2424370	0.84	cps
Scandium	45-1	4322813	4304441	4295882	4307712	0.32	cps
Scandium	45-2	179967	175758	175971	177232	1.34	cps
Selenium	77-2	3	7	3	4	43.40	cps
Selenium	78-2	28	22	41	30	31.42	cps
Selenium	82-1	82	113	152	116	30.26	cps
Silicon	28-1	38063688	37915421	37671430	37883513	0.52	cps
Silver	109-1	742	775	767	761	2.28	cps
Silver	107-1	817	808	992	872	11.87	cps
Sodium	23-2	17199896	17131419	16908620	17079978	0.89	cps
Strontium	86-1	690274	685841	682928	686347	0.54	cps
Strontium	88-1	6080304	5950505	5953446	5994752	1.24	cps
Sulfur	34-1	861424	858932	864484	861613	0.32	cps
Terbium	159-1	8307758	8260411	8208289	8258819	0.60	cps
Terbium	159-2	4261493	4186180	4173567	4207080	1.13	cps
Thallium	203-1	158	208	158	175	16.50	cps
Thallium	205-1	308	408	450	389	18.72	cps
Thorium	232-1	222	278	317	272	17.44	cps
Tin	118-1	6068	5818	6102	5996	2.58	cps
Titanium	47-1	542	592	775	636	19.31	cps
Uranium	238-1	45071	43850	44602	44508	1.38	cps
Vanadium	51-2	1777	1743	1947	1822	5.99	cps
Yttrium	89-1	6524913	6466877	6383834	6458541	1.10	cps
Yttrium	89-2	938526	922405	924611	928514	0.94	cps

LB Number :	LB98267	Operator :	Jaswal
Lab Sample ID :	J5082-47	Instrumnet Name :	P7
Client Sample ID :	380914020	Dilution Factor :	1
Date & Time Acquired ::	2018-10-01 13:03:04	DataFile Name :	047SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zinc	66-2	423886	423694	419124	422235	0.64	cps
Zirconium	90-1	800	733	817	783	5.63	cps
Zirconium	91-1	142	158	192	164	15.54	cps

LB Number :	LB98267	Operator :	Jaswal
Lab Sample ID :	J5082-48	Instrumnet Name :	P7
Client Sample ID :	380917068-1	Dilution Factor :	1
Date & Time Acquired ::	2018-10-01 13:06:39	DataFile Name :	048SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	2575	2550	2667	2598	2.36	cps
Antimony	121-1	2359	2500	2350	2403	3.51	cps
Arsenic	75-1	17226	17155	16824	17068	1.26	cps
Barium	135-1	1092	808	892	931	15.65	cps
Barium	137-1	1900	1675	1742	1772	6.52	cps
Beryllium	9-1	122	83	67	91	31.42	cps
Bismuth	209-1	4854718	4787103	4767985	4803269	0.95	cps
Bismuth	209-2	2919620	2901663	2908657	2909980	0.31	cps
Boron	11-1	62522	61668	62614	62268	0.84	cps
Boron	10-1	13290	13840	13507	13545	2.05	cps
Cadmium	106-1	2075	1917	2092	2028	4.76	cps
Cadmium	108-1	8	21	0	10	107.86	cps
Cadmium	111-1	1489	1356	1502	1449	5.55	cps
Calcium	43-1	7927	7602	7652	7727	2.27	cps
Calcium	44-1	130749	129295	128984	129676	0.73	cps
Chromium	52-2	2954	2870	2877	2900	1.60	cps
Cobalt	59-2	810	820	747	792	5.02	cps
Copper	63-2	300832	302425	303026	302094	0.38	cps
Dysprosium	156-1	42	58	25	42	40.00	cps
Dysprosium	156-2	30	47	20	32	41.81	cps
Erbium	164-2	23	33	7	21	63.80	cps
Erbium	164-1	33	67	25	42	52.92	cps
Gadolinium	160-1	50	92	67	69	30.20	cps
Gadolinium	160-2	93	120	100	104	13.28	cps
Holmium	165-1	7765885	7656226	7563862	7661991	1.32	cps
Holmium	165-2	4066259	4064903	4050817	4060660	0.21	cps
Indium	115-1	5766926	5696486	5627789	5697067	1.22	cps
Indium	115-2	1100820	1107702	1117897	1108806	0.77	cps
Iron	56-2	35276	36089	35972	35779	1.23	cps
Iron	57-2	928	1028	806	920	12.09	cps
Krypton	83-1	180	167	223	190	15.59	cps
Lead	206-1	11083	10771	10716	10857	1.82	cps
Lead	207-1	9026	9326	8870	9074	2.55	cps
Lead	208-1	42205	41927	41209	41780	1.23	cps
Lithium	6-1	3273075	3243168	3230512	3248919	0.67	cps
Magnesium	24-2	64112	63778	65435	64442	1.36	cps

LB Number :	LB98267	Operator :	Jaswal
Lab Sample ID :	J5082-48	Instrumnet Name :	P7
Client Sample ID :	380917068-1	Dilution Factor :	1
Date & Time Acquired ::	2018-10-01 13:06:39	DataFile Name :	048SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	2500	2424	2340	2421	3.31	cps
Molybdenum	94-1	383	492	417	431	12.89	cps
Molybdenum	95-1	125	167	117	136	19.68	cps
Molybdenum	96-1	242	158	367	256	41.03	cps
Molybdenum	97-1	133	92	75	100	30.05	cps
Molybdenum	98-1	233	400	258	297	30.24	cps
Neodymium	150-1	73	40	20	44	60.63	cps
Neodymium	150-2	3	7	0	3	100.05	cps
Nickel	60-2	1567	1550	1470	1529	3.38	cps
Phosphorus	31-2	558	633	542	578	8.45	cps
Potassium	39-2	712684	707890	711707	710760	0.36	cps
Rhodium	103-1	5263954	5231439	5178685	5224693	0.82	cps
Rhodium	103-2	2393169	2429059	2409107	2410445	0.75	cps
Scandium	45-1	4160704	4116044	4103537	4126762	0.73	cps
Scandium	45-2	168664	169692	169129	169162	0.30	cps
Selenium	77-2	7	0	3	3	100.05	cps
Selenium	78-2	20	20	35	25	33.81	cps
Selenium	82-1	11	21	-52	-6	-611.45	cps
Silicon	28-1	6202574	6174002	6143506	6173361	0.48	cps
Silver	109-1	483	617	517	539	12.88	cps
Silver	107-1	550	600	575	575	4.35	cps
Sodium	23-2	12877523	12857687	12921004	12885404	0.25	cps
Strontium	86-1	3042	2400	2609	2684	12.20	cps
Strontium	88-1	20090	20206	20273	20190	0.46	cps
Sulfur	34-1	156464	156210	155225	155966	0.42	cps
Terbium	159-1	7990722	7978465	7871173	7946786	0.83	cps
Terbium	159-2	4066605	4066010	4048800	4060472	0.25	cps
Thallium	203-1	175	200	200	192	7.53	cps
Thallium	205-1	383	425	467	425	9.80	cps
Thorium	232-1	239	206	261	235	11.89	cps
Tin	118-1	5593	5885	5335	5604	4.91	cps
Titanium	47-1	500	442	458	467	6.44	cps
Uranium	238-1	133	158	133	142	10.19	cps
Vanadium	51-2	393	377	370	380	3.16	cps
Yttrium	89-1	6268242	6193129	6164574	6208648	0.86	cps
Yttrium	89-2	880584	888248	886159	884997	0.45	cps

LB Number :	LB98267	Operator :	Jaswal
Lab Sample ID :	J5082-48	Instrumnet Name :	P7
Client Sample ID :	380917068-1	Dilution Factor :	1
Date & Time Acquired ::	2018-10-01 13:06:39	DataFile Name :	048SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zinc	66-2	15402	15592	15281	15425	1.01	cps
Zirconium	90-1	1175	1175	967	1106	10.88	cps
Zirconium	91-1	208	267	292	256	16.73	cps

LB Number :	LB98267	Operator :	Jaswal
Lab Sample ID :	J5082-49	Instrumnet Name :	P7
Client Sample ID :	380917130	Dilution Factor :	1
Date & Time Acquired ::	2018-10-01 13:10:13	DataFile Name :	049SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	1250	1233	1058	1181	8.99	cps
Antimony	121-1	1759	1734	1609	1700	4.73	cps
Arsenic	75-1	12873	13227	13034	13045	1.36	cps
Barium	135-1	133224	134520	132964	133569	0.62	cps
Barium	137-1	236724	234566	233452	234914	0.71	cps
Beryllium	9-1	28	111	111	83	57.73	cps
Bismuth	209-1	4717686	4729463	4686448	4711199	0.47	cps
Bismuth	209-2	2855291	2661502	2983058	2833284	5.71	cps
Boron	11-1	53638	52826	54374	53612	1.44	cps
Boron	10-1	10979	11939	11922	11613	4.73	cps
Cadmium	106-1	2259	2117	2225	2200	3.37	cps
Cadmium	108-1	163	163	146	157	6.13	cps
Cadmium	111-1	1509	1426	1506	1480	3.16	cps
Calcium	43-1	1819723	1800305	1784669	1801565	0.97	cps
Calcium	44-1	29839438	29434545	29229889	29501291	1.05	cps
Chromium	52-2	920	840	813	858	6.47	cps
Cobalt	59-2	190	170	197	186	7.48	cps
Copper	63-2	112545	114262	112377	113061	0.92	cps
Dysprosium	156-1	50	50	42	47	10.18	cps
Dysprosium	156-2	33	10	23	22	52.68	cps
Erbium	164-2	30	30	30	30	0.00	cps
Erbium	164-1	100	83	50	78	32.74	cps
Gadolinium	160-1	25	83	83	64	52.72	cps
Gadolinium	160-2	120	113	107	113	5.88	cps
Holmium	165-1	7828899	7868772	7724959	7807543	0.95	cps
Holmium	165-2	4116756	3836782	4337468	4097002	6.12	cps
Indium	115-1	5795726	5760656	5693776	5750053	0.90	cps
Indium	115-2	1123496	1052300	1173844	1116547	5.47	cps
Iron	56-2	8230	7886	8530	8215	3.93	cps
Iron	57-2	7124	7886	7202	7404	5.66	cps
Krypton	83-1	193	200	213	202	5.04	cps
Lead	206-1	7941	7641	7719	7767	2.01	cps
Lead	207-1	6624	6396	6324	6448	2.43	cps
Lead	208-1	30387	30164	29925	30159	0.77	cps
Lithium	6-1	3326725	3318071	3303944	3316247	0.35	cps
Magnesium	24-2	5274679	5345952	5248476	5289702	0.95	cps

LB Number :	LB98267	Operator :	Jaswal
Lab Sample ID :	J5082-49	Instrumnet Name :	P7
Client Sample ID :	380917130	Dilution Factor :	1
Date & Time Acquired ::	2018-10-01 13:10:13	DataFile Name :	049SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	537	570	660	589	10.83	cps
Molybdenum	94-1	858	1042	1042	981	10.79	cps
Molybdenum	95-1	592	650	550	597	8.41	cps
Molybdenum	96-1	775	892	600	756	19.43	cps
Molybdenum	97-1	342	442	350	378	14.69	cps
Molybdenum	98-1	867	917	967	917	5.45	cps
Neodymium	150-1	40	53	67	53	25.00	cps
Neodymium	150-2	13	17	3	11	62.48	cps
Nickel	60-2	873	947	887	902	4.33	cps
Phosphorus	31-2	133	100	117	117	14.29	cps
Potassium	39-2	351930	356284	352934	353716	0.64	cps
Rhodium	103-1	5267342	5259848	5207288	5244826	0.62	cps
Rhodium	103-2	2414633	2251832	2516931	2394466	5.58	cps
Scandium	45-1	4286356	4256748	4213170	4252091	0.87	cps
Scandium	45-2	175030	162993	182681	173568	5.72	cps
Selenium	77-2	3	0	0	1	173.21	cps
Selenium	78-2	26	33	59	40	44.30	cps
Selenium	82-1	35	46	29	36	23.60	cps
Silicon	28-1	15355336	15199410	15167906	15240884	0.66	cps
Silver	109-1	608	525	700	611	14.32	cps
Silver	107-1	792	925	717	811	13.02	cps
Sodium	23-2	8459741	8541865	8376313	8459307	0.98	cps
Strontium	86-1	661201	659414	653683	658099	0.60	cps
Strontium	88-1	5799384	5707253	5666751	5724463	1.19	cps
Sulfur	34-1	335151	337143	334903	335733	0.37	cps
Terbium	159-1	8139378	8165423	8054103	8119635	0.72	cps
Terbium	159-2	4157334	3836032	4323593	4105653	6.04	cps
Thallium	203-1	117	150	58	108	42.83	cps
Thallium	205-1	317	233	383	311	24.16	cps
Thorium	232-1	194	211	283	230	20.58	cps
Tin	118-1	2817	2825	2767	2803	1.13	cps
Titanium	47-1	242	350	300	297	18.24	cps
Uranium	238-1	8795	9020	9454	9090	3.68	cps
Vanadium	51-2	187	207	183	192	6.56	cps
Yttrium	89-1	6450917	6392339	6296713	6379990	1.22	cps
Yttrium	89-2	909805	852297	953933	905345	5.63	cps

LB Number :	LB98267	Operator :	Jaswal
Lab Sample ID :	J5082-49	Instrumnet Name :	P7
Client Sample ID :	380917130	Dilution Factor :	1
Date & Time Acquired ::	2018-10-01 13:10:13	DataFile Name :	049SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zinc	66-2	1194779	1214665	1204734	1204726	0.83	cps
Zirconium	90-1	1959	1934	1617	1836	10.37	cps
Zirconium	91-1	383	342	358	361	5.81	cps

LB Number :	LB98267	Operator :	Jaswal
Lab Sample ID :	J5082-50	Instrumnet Name :	P7
Client Sample ID :	380917131	Dilution Factor :	1
Date & Time Acquired ::	2018-10-01 13:13:49	DataFile Name :	050SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	1608	1317	1350	1425	11.20	cps
Antimony	121-1	2034	1800	1967	1934	6.22	cps
Arsenic	75-1	13796	14562	15988	14782	7.53	cps
Barium	135-1	134428	133386	133123	133646	0.52	cps
Barium	137-1	234801	232768	238251	235273	1.18	cps
Beryllium	9-1	56	83	50	63	28.37	cps
Bismuth	209-1	4639716	4984129	4665368	4763071	4.03	cps
Bismuth	209-2	2857836	2841401	2853433	2850890	0.30	cps
Boron	11-1	49967	51054	50903	50641	1.16	cps
Boron	10-1	11313	11572	11230	11371	1.57	cps
Cadmium	106-1	2150	2142	1892	2061	7.12	cps
Cadmium	108-1	221	204	108	178	34.15	cps
Cadmium	111-1	1417	1431	1353	1400	3.00	cps
Calcium	43-1	1825153	1798803	1803485	1809147	0.78	cps
Calcium	44-1	29695874	29207846	29223411	29375710	0.94	cps
Chromium	52-2	947	920	960	942	2.16	cps
Cobalt	59-2	203	223	167	198	14.53	cps
Copper	63-2	981709	988984	994194	988295	0.63	cps
Dysprosium	156-1	33	33	42	36	13.33	cps
Dysprosium	156-2	23	23	17	21	18.21	cps
Erbium	164-2	30	30	27	29	6.65	cps
Erbium	164-1	67	58	92	72	24.02	cps
Gadolinium	160-1	33	75	58	56	37.75	cps
Gadolinium	160-2	163	100	123	129	24.85	cps
Holmium	165-1	7645429	8242791	7664335	7850852	4.33	cps
Holmium	165-2	4120038	4093513	4116171	4109907	0.35	cps
Indium	115-1	5667375	6102222	5621379	5796992	4.58	cps
Indium	115-2	1128845	1128257	1128952	1128685	0.03	cps
Iron	56-2	42128	41247	41041	41472	1.39	cps
Iron	57-2	8036	8253	8364	8217	2.03	cps
Krypton	83-1	173	137	217	176	22.81	cps
Lead	206-1	69269	70151	70414	69945	0.86	cps
Lead	207-1	62011	60655	61079	61248	1.13	cps
Lead	208-1	278232	280354	280131	279572	0.42	cps
Lithium	6-1	3276635	3478033	3246609	3333759	3.77	cps
Magnesium	24-2	5332946	5275652	5285818	5298139	0.58	cps

LB Number :	LB98267	Operator :	Jaswal
Lab Sample ID :	J5082-50	Instrumnet Name :	P7
Client Sample ID :	380917131	Dilution Factor :	1
Date & Time Acquired ::	2018-10-01 13:13:49	DataFile Name :	050SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	697	670	710	692	2.94	cps
Molybdenum	94-1	658	642	592	631	5.50	cps
Molybdenum	95-1	467	658	583	569	16.96	cps
Molybdenum	96-1	783	825	625	744	14.17	cps
Molybdenum	97-1	350	308	317	325	6.78	cps
Molybdenum	98-1	1042	892	1025	986	8.34	cps
Neodymium	150-1	47	7	60	38	73.46	cps
Neodymium	150-2	20	17	10	16	32.73	cps
Nickel	60-2	913	1103	1050	1022	9.59	cps
Phosphorus	31-2	175	100	158	144	27.27	cps
Potassium	39-2	358363	357422	357742	357842	0.13	cps
Rhodium	103-1	5182191	5575674	5129766	5295877	4.60	cps
Rhodium	103-2	2408981	2388048	2387193	2394741	0.52	cps
Scandium	45-1	4167550	4495223	4159221	4273998	4.48	cps
Scandium	45-2	175795	174531	175264	175197	0.36	cps
Selenium	77-2	3	3	7	4	43.40	cps
Selenium	78-2	28	7	39	25	64.65	cps
Selenium	82-1	54	107	15	59	78.06	cps
Silicon	28-1	15458385	15166242	15192075	15272234	1.06	cps
Silver	109-1	558	508	492	519	6.68	cps
Silver	107-1	658	575	817	683	17.96	cps
Sodium	23-2	8600158	8531725	8533529	8555138	0.46	cps
Strontium	86-1	666425	663841	665671	665312	0.20	cps
Strontium	88-1	5826752	5758795	5732074	5772540	0.85	cps
Sulfur	34-1	335337	333840	331446	333541	0.59	cps
Terbium	159-1	7969342	8623814	7923327	8172161	4.79	cps
Terbium	159-2	4140891	4094368	4115395	4116885	0.57	cps
Thallium	203-1	183	133	92	136	33.72	cps
Thallium	205-1	233	300	292	275	13.21	cps
Thorium	232-1	228	161	128	172	29.57	cps
Tin	118-1	8078	8011	8328	8139	2.05	cps
Titanium	47-1	425	292	267	328	25.97	cps
Uranium	238-1	9996	9746	10096	9946	1.81	cps
Vanadium	51-2	257	247	263	256	3.28	cps
Yttrium	89-1	6263299	6736610	6228677	6409529	4.43	cps
Yttrium	89-2	912287	905135	916115	911179	0.61	cps

LB Number :	LB98267	Operator :	Jaswal
Lab Sample ID :	J5082-50	Instrumnet Name :	P7
Client Sample ID :	380917131	Dilution Factor :	1
Date & Time Acquired ::	2018-10-01 13:13:49	DataFile Name :	050SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zinc	66-2	1538525	1545711	1550142	1544793	0.38	cps
Zirconium	90-1	617	667	675	653	4.83	cps
Zirconium	91-1	167	183	158	169	7.51	cps

LB Number :	LB98267	Operator :	Jaswal
Lab Sample ID :	J5082-32	Instrumnet Name :	P7
Client Sample ID :	380912104	Dilution Factor :	1
Date & Time Acquired ::	2018-10-01 13:17:24	DataFile Name :	051SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	2759	2734	3067	2853	6.51	cps
Antimony	121-1	2042	1617	1750	1803	12.06	cps
Arsenic	75-1	13186	13167	12187	12847	4.45	cps
Barium	135-1	567	592	492	550	9.46	cps
Barium	137-1	950	1125	933	1003	10.59	cps
Beryllium	9-1	100	94	44	80	38.42	cps
Bismuth	209-1	4201144	4202723	4111128	4171665	1.26	cps
Bismuth	209-2	2523699	2541246	2530744	2531896	0.35	cps
Boron	11-1	2617544	2728965	2722537	2689682	2.33	cps
Boron	10-1	566106	589826	587525	581152	2.25	cps
Cadmium	106-1	1750	1642	1742	1711	3.52	cps
Cadmium	108-1	25	17	29	24	26.95	cps
Cadmium	111-1	1216	1171	1245	1211	3.07	cps
Calcium	43-1	50228	49910	49567	49902	0.66	cps
Calcium	44-1	809879	813434	802516	808610	0.69	cps
Chromium	52-2	1073	1013	1037	1041	2.91	cps
Cobalt	59-2	123	140	150	138	9.77	cps
Copper	63-2	99596	102908	103845	102116	2.19	cps
Dysprosium	156-1	17	50	0	22	114.56	cps
Dysprosium	156-2	23	7	27	19	56.72	cps
Erbium	164-2	30	10	23	21	48.24	cps
Erbium	164-1	50	67	42	53	24.12	cps
Gadolinium	160-1	67	58	75	67	12.49	cps
Gadolinium	160-2	110	107	93	103	8.53	cps
Holmium	165-1	7388642	7403688	7315149	7369160	0.64	cps
Holmium	165-2	3946377	3936750	3954988	3946038	0.23	cps
Indium	115-1	5242061	5234934	5186829	5221275	0.58	cps
Indium	115-2	1044002	1060263	1064424	1056230	1.02	cps
Iron	56-2	219437	225939	226628	224001	1.77	cps
Iron	57-2	5412	5662	6012	5696	5.29	cps
Krypton	83-1	207	190	213	203	5.91	cps
Lead	206-1	4312	4368	4562	4414	2.98	cps
Lead	207-1	3906	3445	3712	3688	6.28	cps
Lead	208-1	17227	16983	17288	17166	0.94	cps
Lithium	6-1	2969930	2983317	2941504	2964917	0.72	cps
Magnesium	24-2	29830	30749	30741	30440	1.73	cps

LB Number :	LB98267	Operator :	Jaswal
Lab Sample ID :	J5082-32	Instrumnet Name :	P7
Client Sample ID :	380912104	Dilution Factor :	1
Date & Time Acquired ::	2018-10-01 13:17:24	DataFile Name :	051SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	23519	24824	24454	24266	2.77	cps
Molybdenum	94-1	26024	25958	26066	26016	0.21	cps
Molybdenum	95-1	45289	45665	46058	45671	0.84	cps
Molybdenum	96-1	49989	48984	47906	48960	2.13	cps
Molybdenum	97-1	28655	29139	28028	28607	1.95	cps
Molybdenum	98-1	72737	73506	72895	73046	0.56	cps
Neodymium	150-1	53	33	53	47	24.75	cps
Neodymium	150-2	3	17	23	14	70.51	cps
Nickel	60-2	2840	2840	2804	2828	0.75	cps
Phosphorus	31-2	142	108	100	117	18.90	cps
Potassium	39-2	43899	45471	44601	44657	1.76	cps
Rhodium	103-1	4642172	4658075	4577863	4626036	0.92	cps
Rhodium	103-2	2169415	2188033	2170807	2176085	0.48	cps
Scandium	45-1	3949311	3961933	3941787	3951010	0.26	cps
Scandium	45-2	168718	170862	171243	170274	0.80	cps
Selenium	77-2	0	0	3	1	173.21	cps
Selenium	78-2	43	30	30	34	22.04	cps
Selenium	82-1	39	66	216	107	89.43	cps
Silicon	28-1	35248116	35661542	35439103	35449587	0.58	cps
Silver	109-1	550	517	533	533	3.12	cps
Silver	107-1	558	558	617	578	5.83	cps
Sodium	23-2	269299114	273248006	275173589	272573570	1.10	cps
Strontium	86-1	86251	88513	84490	86418	2.33	cps
Strontium	88-1	742875	751730	744818	746474	0.62	cps
Sulfur	34-1	20719903	21115192	20848486	20894527	0.96	cps
Terbium	159-1	7655089	7661375	7581239	7632568	0.58	cps
Terbium	159-2	3945111	3959679	3957603	3954131	0.20	cps
Thallium	203-1	92	42	100	78	40.56	cps
Thallium	205-1	183	242	158	194	21.99	cps
Thorium	232-1	367	350	367	361	2.67	cps
Tin	118-1	1508	1809	1834	1717	10.54	cps
Titanium	47-1	1592	1450	1425	1489	6.04	cps
Uranium	238-1	8436	8353	8295	8361	0.85	cps
Vanadium	51-2	397	397	457	417	8.31	cps
Yttrium	89-1	5956780	5980975	5938138	5958631	0.36	cps
Yttrium	89-2	874838	891666	887193	884566	0.99	cps

LB Number :	LB98267	Operator :	Jaswal
Lab Sample ID :	J5082-32	Instrumnet Name :	P7
Client Sample ID :	380912104	Dilution Factor :	1
Date & Time Acquired ::	2018-10-01 13:17:24	DataFile Name :	051SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zinc	66-2	117455	119376	121819	119550	1.83	cps
Zirconium	90-1	683	758	808	750	8.39	cps
Zirconium	91-1	225	150	192	189	19.89	cps

LB Number :	LB98267	Operator :	Jaswal
Lab Sample ID :	CCV20	Instrumnet Name :	P7
Client Sample ID :	CCV20	Dilution Factor :	1
Date & Time Acquired ::	2018-10-01 13:24:57	DataFile Name :	053CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	3980101	4011866	4034975	4008981	0.69	cps
Antimony	121-1	2767696	2754499	2799534	2773910	0.83	cps
Arsenic	75-1	612741	621384	633816	622647	1.70	cps
Barium	135-1	3848806	3825567	3848257	3840877	0.35	cps
Barium	137-1	6621328	6569941	6599626	6596965	0.39	cps
Beryllium	9-1	990124	1001394	1019514	1003677	1.48	cps
Bismuth	209-1	3781681	3794495	3814825	3797000	0.44	cps
Bismuth	209-2	2374762	2394873	2401913	2390516	0.59	cps
Boron	11-1	782793	808269	825609	805557	2.67	cps
Boron	10-1	173230	180388	183197	178939	2.87	cps
Cadmium	106-1	79490	79967	78526	79328	0.93	cps
Cadmium	108-1	54383	55074	54793	54750	0.63	cps
Cadmium	111-1	709381	717291	726093	717588	1.17	cps
Calcium	43-1	5560001	5562329	5615200	5579177	0.56	cps
Calcium	44-1	87409192	87822348	88878556	88036698	0.86	cps
Chromium	52-2	1081998	1095599	1105947	1094514	1.10	cps
Cobalt	59-2	1522093	1555842	1556179	1544705	1.27	cps
Copper	63-2	1932981	1968411	1975316	1958903	1.16	cps
Dysprosium	156-1	142	117	83	114	25.69	cps
Dysprosium	156-2	113	103	110	109	4.68	cps
Erbium	164-2	37	30	27	31	16.37	cps
Erbium	164-1	58	108	50	72	43.68	cps
Gadolinium	160-1	150	75	50	92	56.78	cps
Gadolinium	160-2	123	123	157	134	14.31	cps
Holmium	165-1	6851280	6825719	6866795	6847931	0.30	cps
Holmium	165-2	3784935	3817844	3857185	3819988	0.95	cps
Indium	115-1	4857848	4915364	4891310	4888174	0.59	cps
Indium	115-2	1026238	1048689	1061477	1045468	1.71	cps
Iron	56-2	216454383	218258249	218529238	217747290	0.52	cps
Iron	57-2	5189230	5216504	5223652	5209795	0.35	cps
Krypton	83-1	227	177	227	210	13.75	cps
Lead	206-1	2353183	2349246	2375019	2359149	0.59	cps
Lead	207-1	2157965	2150892	2165666	2158174	0.34	cps
Lead	208-1	9594634	9592338	9634237	9607070	0.25	cps
Lithium	6-1	2771206	2818426	2813881	2801171	0.93	cps
Magnesium	24-2	43778080	44213462	44509093	44166878	0.83	cps

LB Number :	LB98267	Operator :	Jaswal
Lab Sample ID :	CCV20	Instrumnet Name :	P7
Client Sample ID :	CCV20	Dilution Factor :	1
Date & Time Acquired ::	2018-10-01 13:24:57	DataFile Name :	053CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	1256674	1273133	1282280	1270696	1.02	cps
Molybdenum	94-1	6677143	6709632	6729777	6705517	0.40	cps
Molybdenum	95-1	8113792	8165162	8160575	8146510	0.35	cps
Molybdenum	96-1	8974695	8967060	9048740	8996832	0.50	cps
Molybdenum	97-1	5097334	5140355	5155759	5131149	0.59	cps
Molybdenum	98-1	12896035	13045183	13007787	12983001	0.60	cps
Neodymium	150-1	207	320	340	289	24.89	cps
Neodymium	150-2	90	83	60	78	20.25	cps
Nickel	60-2	396225	404092	406458	402258	1.33	cps
Phosphorus	31-2	40782	41182	41509	41158	0.88	cps
Potassium	39-2	19713156	20000338	20174993	19962829	1.17	cps
Rhodium	103-1	4332237	4376461	4371415	4360038	0.56	cps
Rhodium	103-2	2092803	2098344	2125530	2105559	0.83	cps
Scandium	45-1	3800593	3811465	3857032	3823030	0.78	cps
Scandium	45-2	173431	175792	180780	176668	2.12	cps
Selenium	77-2	2750	2654	2714	2706	1.80	cps
Selenium	78-2	9042	9070	9192	9101	0.88	cps
Selenium	82-1	54207	54997	55625	54943	1.29	cps
Silicon	28-1	2805458	2853861	2892851	2850723	1.54	cps
Silver	109-1	3507465	3464658	3506613	3492912	0.70	cps
Silver	107-1	3612410	3635125	3639107	3628881	0.40	cps
Sodium	23-2	86486812	87772277	87776883	87345324	0.85	cps
Strontium	86-1	1040961	1050095	1056933	1049330	0.76	cps
Strontium	88-1	9140526	9113049	9156740	9136771	0.24	cps
Sulfur	34-1	518526	526451	527150	524042	0.91	cps
Terbium	159-1	7122766	7120498	7152066	7131777	0.25	cps
Terbium	159-2	3781460	3833300	3841593	3818784	0.85	cps
Thallium	203-1	2909575	2969657	2980955	2953396	1.30	cps
Thallium	205-1	6817986	6840884	6880787	6846553	0.46	cps
Thorium	232-1	10663871	10681058	10720652	10688527	0.27	cps
Tin	118-1	2534227	2542146	2572852	2549742	0.80	cps
Titanium	47-1	2505257	2517547	2513619	2512141	0.25	cps
Uranium	238-1	10118908	10225629	10187939	10177492	0.53	cps
Vanadium	51-2	876987	888529	900040	888519	1.30	cps
Yttrium	89-1	5622410	5656520	5648850	5642593	0.32	cps
Yttrium	89-2	874757	891973	910686	892472	2.01	cps

LB Number :	LB98267	Operator :	Jaswal
Lab Sample ID :	CCV20	Instrumnet Name :	P7
Client Sample ID :	CCV20	Dilution Factor :	1
Date & Time Acquired ::	2018-10-01 13:24:57	DataFile Name :	053CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zinc	66-2	296145	302994	300641	299927	1.16	cps
Zirconium	90-1	5705227	5732575	5759721	5732508	0.48	cps
Zirconium	91-1	1228178	1237575	1247725	1237826	0.79	cps

LB Number :	LB98267	Operator :	Jaswal
Lab Sample ID :	CCB20	Instrumnet Name :	P7
Client Sample ID :	CCB20	Dilution Factor :	1
Date & Time Acquired ::	2018-10-01 13:28:37	DataFile Name :	054CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	225	208	117	183	31.82	cps
Antimony	121-1	1450	1533	1283	1422	8.95	cps
Arsenic	75-1	-17	-77	-159	-84	-84.49	cps
Barium	135-1	258	233	242	244	5.21	cps
Barium	137-1	483	308	317	369	26.72	cps
Beryllium	9-1	189	156	206	183	13.89	cps
Bismuth	209-1	4459614	4418771	4737529	4538638	3.82	cps
Bismuth	209-2	2799298	2786315	2785265	2790293	0.28	cps
Boron	11-1	88022	85995	79166	84394	5.50	cps
Boron	10-1	19146	18587	17419	18384	4.79	cps
Cadmium	106-1	1792	1633	1959	1795	9.06	cps
Cadmium	108-1	8	17	21	15	41.67	cps
Cadmium	111-1	1382	1244	1465	1364	8.17	cps
Calcium	43-1	375	400	375	383	3.77	cps
Calcium	44-1	9704	8803	8228	8912	8.35	cps
Chromium	52-2	373	457	437	422	10.30	cps
Cobalt	59-2	83	50	70	68	24.75	cps
Copper	63-2	1057	1133	1207	1132	6.63	cps
Dysprosium	156-1	0	0	8	3	173.21	cps
Dysprosium	156-2	0	7	3	3	100.05	cps
Erbium	164-2	3	3	13	7	86.65	cps
Erbium	164-1	33	17	17	22	43.28	cps
Gadolinium	160-1	33	58	42	44	28.65	cps
Gadolinium	160-2	97	133	70	100	31.80	cps
Holmium	165-1	7096394	7031866	7602276	7243512	4.31	cps
Holmium	165-2	3894871	3888567	3880956	3888131	0.18	cps
Indium	115-1	5468545	5441655	5852401	5587534	4.11	cps
Indium	115-2	1098625	1095247	1098772	1097548	0.18	cps
Iron	56-2	8831	8069	7919	8273	5.91	cps
Iron	57-2	233	172	206	204	15.02	cps
Krypton	83-1	183	193	150	176	12.93	cps
Lead	206-1	406	383	389	393	2.95	cps
Lead	207-1	289	361	361	337	12.37	cps
Lead	208-1	1617	1456	1583	1552	5.48	cps
Lithium	6-1	3110656	3086790	3279627	3159024	3.33	cps
Magnesium	24-2	1283	1258	1208	1250	3.05	cps

LB Number :	LB98267	Operator :	Jaswal
Lab Sample ID :	CCB20	Instrumnet Name :	P7
Client Sample ID :	CCB20	Dilution Factor :	1
Date & Time Acquired ::	2018-10-01 13:28:37	DataFile Name :	054CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	63	53	70	62	13.48	cps
Molybdenum	94-1	1367	1358	1208	1311	6.80	cps
Molybdenum	95-1	2150	1867	1567	1861	15.68	cps
Molybdenum	96-1	2209	1934	1650	1931	14.46	cps
Molybdenum	97-1	1125	975	908	1003	11.07	cps
Molybdenum	98-1	3042	2534	2300	2625	14.45	cps
Neodymium	150-1	0	0	0	0	0.00	cps
Neodymium	150-2	0	0	0	0	0.00	cps
Nickel	60-2	50	23	23	32	47.79	cps
Phosphorus	31-2	75	125	92	97	26.19	cps
Potassium	39-2	9553	9253	9328	9378	1.67	cps
Rhodium	103-1	5108137	5109276	5504368	5240594	4.36	cps
Rhodium	103-2	2426527	2407660	2396952	2410380	0.62	cps
Scandium	45-1	4058886	4033563	4357197	4149882	4.34	cps
Scandium	45-2	173263	174194	175292	174250	0.58	cps
Selenium	77-2	0	0	0	0	0.00	cps
Selenium	78-2	33	15	28	25	37.56	cps
Selenium	82-1	43	8	71	40	78.03	cps
Silicon	28-1	176640	174338	173614	174864	0.90	cps
Silver	109-1	750	708	608	689	10.57	cps
Silver	107-1	842	675	592	703	18.11	cps
Sodium	23-2	17210	16818	16760	16930	1.45	cps
Strontium	86-1	375	458	450	428	10.73	cps
Strontium	88-1	958	883	842	895	6.61	cps
Sulfur	34-1	143484	142660	144873	143672	0.78	cps
Terbium	159-1	7408749	7379531	7893306	7560529	3.82	cps
Terbium	159-2	3925483	3887832	3867358	3893558	0.76	cps
Thallium	203-1	1217	900	1025	1047	15.23	cps
Thallium	205-1	2792	2450	2217	2486	11.63	cps
Thorium	232-1	4306	3984	3495	3928	10.40	cps
Tin	118-1	1517	1550	1392	1486	5.62	cps
Titanium	47-1	283	183	175	214	28.19	cps
Uranium	238-1	617	617	525	586	9.03	cps
Vanadium	51-2	40	33	40	38	10.19	cps
Yttrium	89-1	6029090	5991728	6397824	6139547	3.66	cps
Yttrium	89-2	893354	891550	893765	892890	0.13	cps

LB Number :	LB98267	Operator :	Jaswal
Lab Sample ID :	CCB20	Instrumnet Name :	P7
Client Sample ID :	CCB20	Dilution Factor :	1
Date & Time Acquired ::	2018-10-01 13:28:37	DataFile Name :	054CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zinc	66-2	227	287	230	248	13.61	cps
Zirconium	90-1	1233	1233	1058	1175	8.60	cps
Zirconium	91-1	250	317	308	292	12.45	cps