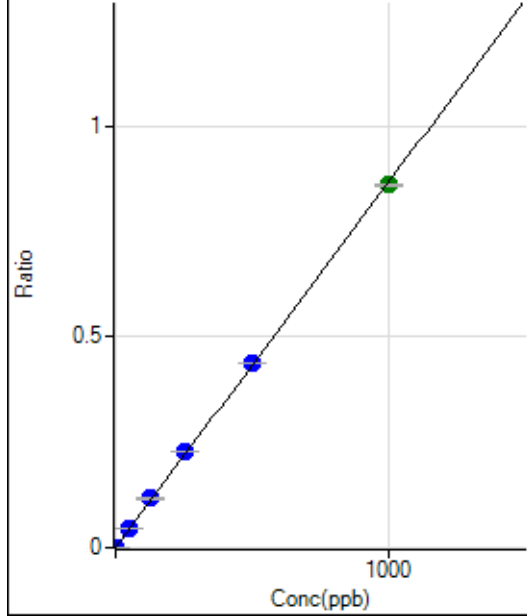


Batch Folder: D:\ICP-MS Data\P7110218 .b\
Analysis File: P7110218 .batch.bin
DA Date-Time: 2018-11-20 12:34:32
Calibration Title:
Calibration Method: External Calibration
VIS Interpolation Fit:

Level	Standard Data File	Sample Name	Acq. Date-Time
1	003CALB P7110218.D	S00	2018-11-02 17:47:25
2			
3	005CAL5 P7110218.D	S02	2018-11-02 17:55:51
4	006CAL5 P7110218.D	S03	2018-11-02 17:59:45
5	007CAL5 P7110218.D	S04	2018-11-02 18:03:51
6	008CAL5 P7110218.D	S05	2018-11-02 18:07:39
7	009CAL5 P7110218.D	S06	2018-11-02 18:11:24
8	010CAL5 P7110218.D	S07	2018-11-02 18:15:07
9	011CAL5 P7110218.D	S08	2018-11-02 18:18:53

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	105.56	0.0000	P	21.7
2	☐	0.100					
3	☐	1.000	1.000	5467.80	0.0009	P	5.9
4	☐	50.000	53.739	286808.61	0.0466	P	0.4
5	☐	125.000	134.227	687883.48	0.1163	P	0.6
6	☐	250.000	263.364	1269698.68	0.2282	P	0.8
7	☐	500.000	504.427	2335778.46	0.4371	P	0.6
8	☐	1000.000	993.105	4619545.82	0.8605	A	0.9
9	☐			811.15	0.0001	P	13.4

$$y = 8.6649\text{E-}004 * x + 1.7158\text{E-}005$$

$$R = 0.9999$$

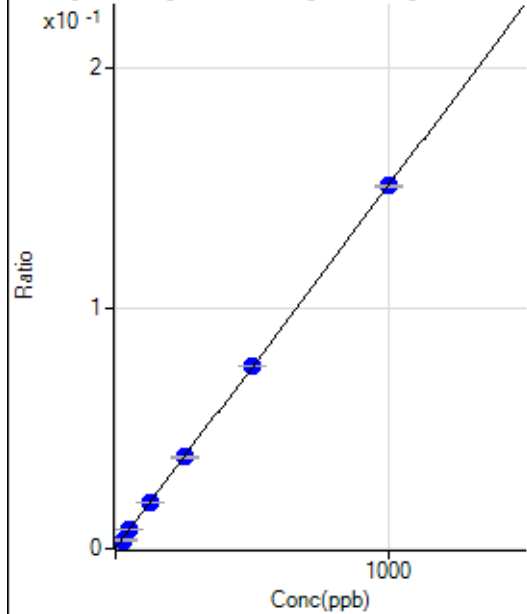
$$DL = 0.01288$$

$$BEC = 0.0198$$

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	780.61	0.0001	P	7.7
2	☐	2.500					
3	☐	25.000	22.915	22172.55	0.0036	P	2.4
4	☐	50.000	50.285	47453.27	0.0077	P	1.3
5	☐	125.000	125.956	113025.86	0.0191	P	2.3
6	☐	250.000	252.218	212248.73	0.0381	P	1.7
7	☐	500.000	501.055	404341.94	0.0757	P	0.5
8	☐	1000.000	998.836	809171.77	0.1507	P	0.6
9	☐			18781.81	0.0034	P	10.2

$$y = 1.5075\text{E-}004 * x + 1.2676\text{E-}004$$

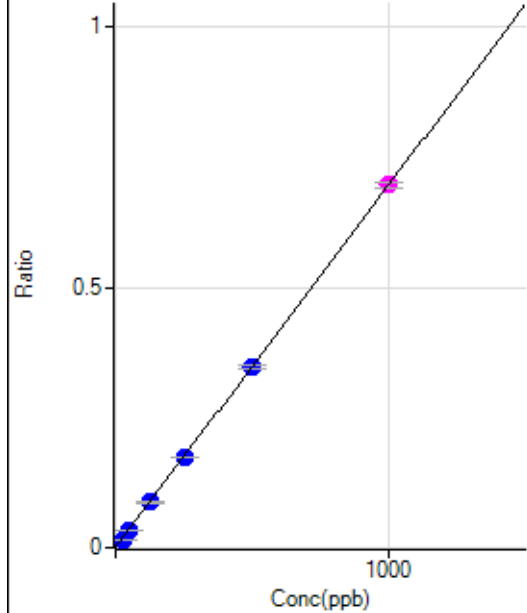
$$R = 1.0000$$

$$DL = 0.1931$$

$$BEC = 0.8408$$

Weight: <None>

Min Conc: 0

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

	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	4298.00	0.0007	P	1.0
2	☐	2.500					
3	☐	25.000	22.655	101733.76	0.0164	P	1.4
4	☐	50.000	48.891	213371.64	0.0347	P	1.9
5	☐	125.000	124.811	516725.81	0.0874	P	2.2
6	☐	250.000	250.392	971492.59	0.1746	P	0.6
7	☐	500.000	497.394	1850062.28	0.3462	P	1.7
8	☐	1000.000	1001.343	3738506.07	0.6962	M	1.5
9	☐			86465.85	0.0157	P	9.7

$$y = 6.9458E-004 * x + 6.9795E-004$$

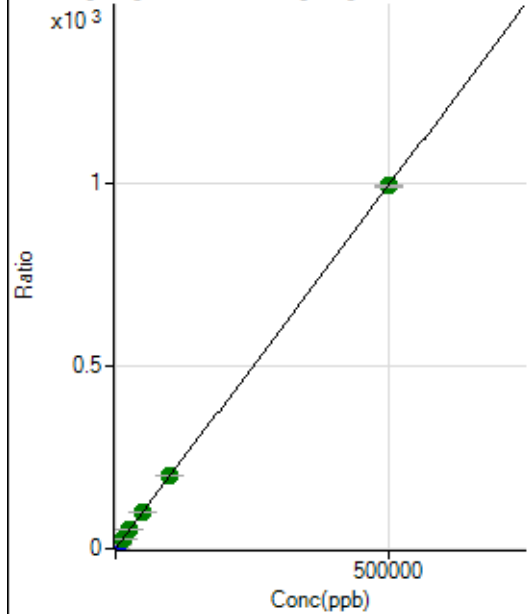
$$R = 1.0000$$

$$DL = 0.029$$

$$BEC = 1.005$$

Weight: <None>

Min Conc: 0

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

	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	12855.99	0.0323	P	1.3
2	☐	50.000					
3	☐	500.000	471.504	378396.04	0.9688	P	0.2
4	☐	5000.000	5052.294	3891213.24	10.0679	P	0.7
5	☐	12500.000	12770.037	9482301.69	25.3980	A	0.4
6	☐	25000.000	25642.817	18180332.00	50.9678	A	1.1
7	☐	50000.000	51137.307	34717381.68	101.6088	A	0.9
8	☐	100000.00	100965.10	71317271.04	200.5841	A	0.4
9	☐	500000.00	499653.86	391736969.87	992.5187	A	0.8

$$y = 0.0020 * x + 0.0323$$

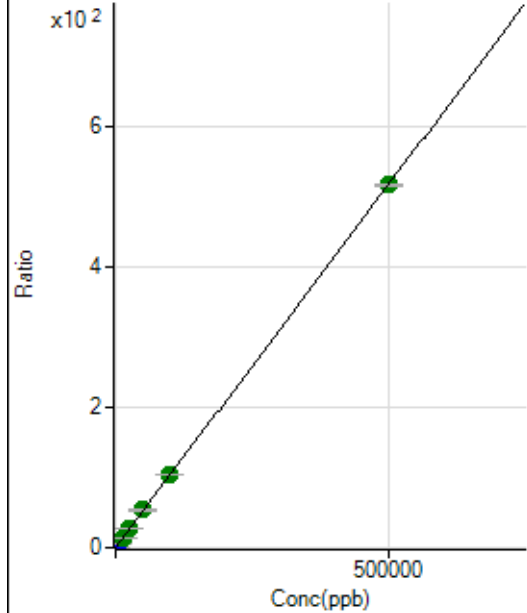
$$R = 1.0000$$

$$DL = 0.6576$$

$$BEC = 16.24$$

Weight: <None>

Min Conc: 0

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

	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	502.81	0.0013	P	12.3
2	☐	50.000					
3	☐	500.000	479.489	194312.22	0.4975	P	1.2
4	☐	5000.000	5185.701	2074942.30	5.3686	P	0.7
5	☐	12500.000	12995.526	5022237.13	13.4519	A	0.2
6	☐	25000.000	26001.342	9600114.36	26.9131	A	0.9
7	☐	50000.000	51708.066	18286206.31	53.5201	A	1.3
8	☐	100000.00	100764.22	37080860.55	104.2942	A	0.7
9	☐	500000.00	499612.05	204095353.17	517.1093	A	0.4

$$y = 0.0010 * x + 0.0013$$

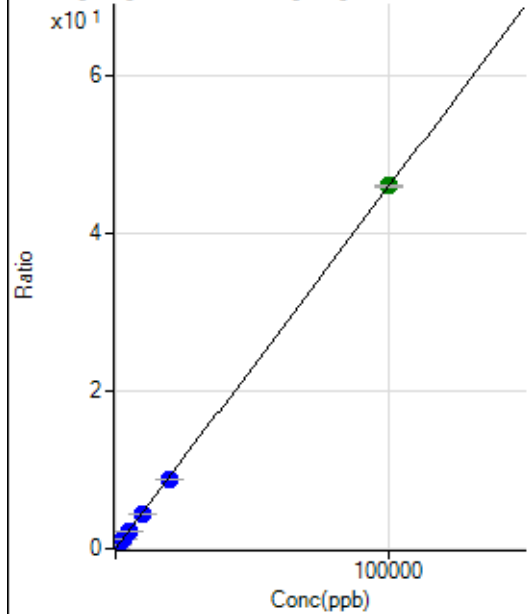
$$R = 1.0000$$

$$DL = 0.4501$$

$$BEC = 1.22$$

Weight: <None>

Min Conc: 0

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

	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	347.24	0.0009	P	14.3
2	☐	2.000					
3	☐	20.000	19.040	3753.41	0.0096	P	4.9
4	☐	1000.000	979.640	174063.61	0.4504	P	1.0
5	☐	2500.000	2454.311	420753.47	1.1270	P	0.1
6	☐	5000.000	4880.038	799018.67	2.2400	P	0.7
7	☐	10000.000	9731.078	1525802.89	4.4657	P	1.3
8	☐	20000.000	18992.074	3098627.31	8.7149	P	0.6
9	☐	100000.00	100235.82	18152576.10	45.9917	A	0.5

$$y = 4.5883E-004 * x + 8.7142E-004$$

$$R = 0.9999$$

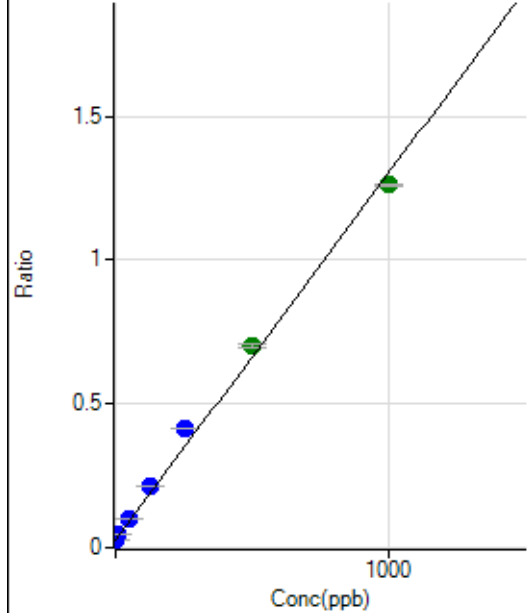
$$DL = 0.8136$$

$$BEC = 1.899$$

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	272227.03	0.0264	P	1.8
2	☐	1.000					
3	☐	10.000	14.679	457516.33	0.0451	P	0.4
4	☐	50.000	58.934	1018122.50	0.1016	P	1.4
5	☐	125.000	145.846	2072911.68	0.2124	P	1.3
6	☐	250.000	304.651	3767228.90	0.4150	P	1.0
7	☐	500.000	529.842	6159847.96	0.7023	A	1.2
8	☐	1000.000	968.317	11170575.77	1.2617	A	0.6
9	☐			554838.92	0.0577	P	0.6

$$y = 0.0013 * x + 0.0264$$

$$R = 0.9976$$

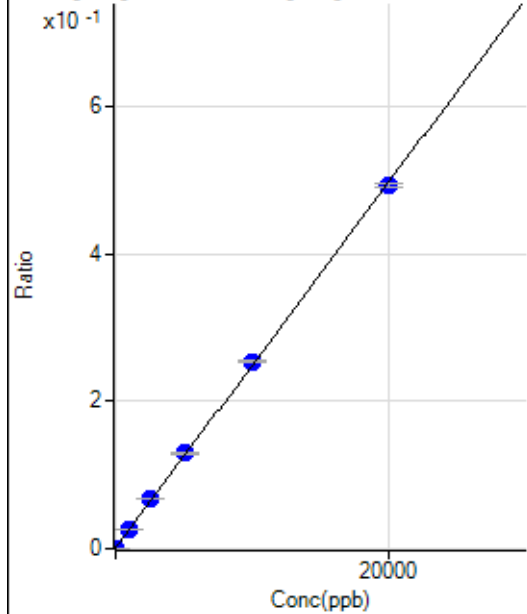
$$DL = 1.108$$

$$BEC = 20.68$$

Weight: <None>

Min Conc: 0

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



	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	-3.407	261.13	0.0007	P	11.9
2	☐	0.000					
3	☐	0.000	3.407	322.24	0.0008	P	4.5
4	☐	1000.000	1055.060	10406.77	0.0269	P	3.6
5	☐	2500.000	2680.660	25116.45	0.0673	P	1.0
6	☐	5000.000	5212.063	46412.42	0.1301	P	1.6
7	☐	10000.000	10216.135	86889.38	0.2543	P	1.1
8	☐	20000.000	19813.581	175108.74	0.4925	P	1.1
9	☐			408.36	0.0010	P	12.7

$$y = 2.4820E-005 * x + 7.4029E-004$$

$$R = 0.9998$$

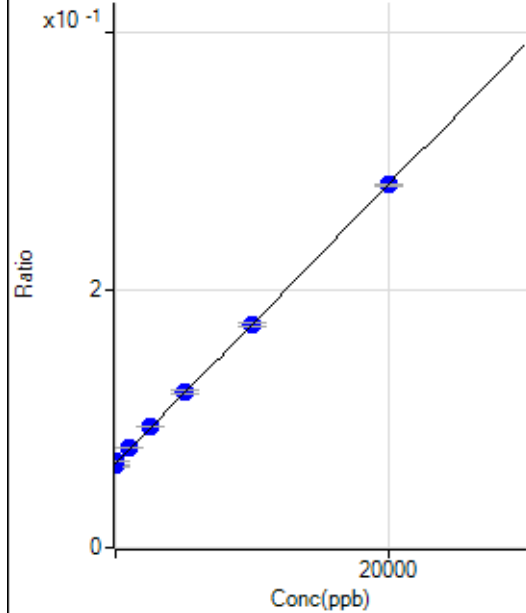
$$DL = 6.99$$

$$BEC = 29.83$$

Weight: <None>

Min Conc: 0

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



	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	-143.931	655843.30	0.0636	P	0.6
2	☐	0.000					
3	☐	0.000	143.931	676285.82	0.0667	P	0.9
4	☐	1000.000	1152.360	778055.66	0.0776	P	0.3
5	☐	2500.000	2690.841	920175.13	0.0943	P	0.1
6	☐	5000.000	5111.334	1094017.49	0.1205	P	2.4
7	☐	10000.000	9982.093	1520385.21	0.1734	P	1.5
8	☐	20000.000	19949.647	2491752.85	0.2815	P	0.7
9	☐			573548.30	0.0596	P	0.8

$$y = 1.0844\text{E-}005 * x + 0.0651$$

$$R = 0.9999$$

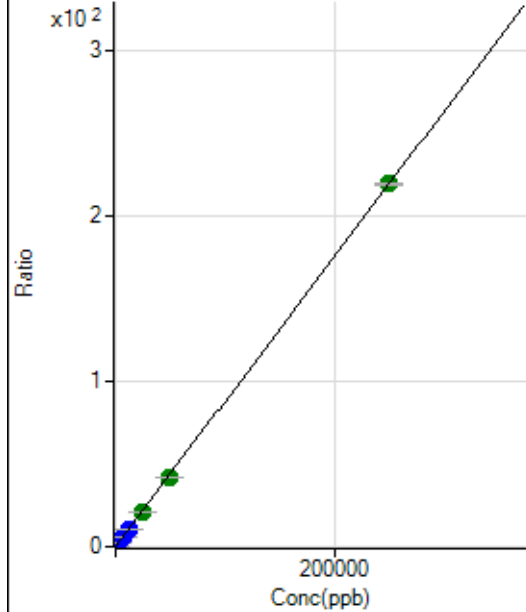
$$DL = 131.6$$

$$BEC = 6005$$

Weight: <None>

Min Conc: 0

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



	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	26090.37	0.0655	P	1.1
2	☐	50.000					
3	☐	500.000	465.624	184665.96	0.4729	P	1.4
4	☐	2500.000	2474.653	862099.36	2.2306	P	0.4
5	☐	6250.000	6148.103	2032678.26	5.4445	P	0.3
6	☐	12500.000	12258.006	3848850.56	10.7900	P	1.0
7	☐	25000.000	24280.897	7280625.94	21.3088	A	1.2
8	☐	50000.000	47959.596	14942227.59	42.0253	A	0.3
9	☐	250000.00	250494.96	86528001.93	219.2233	A	0.6

$$y = 8.7490\text{E-}004 * x + 0.0655$$

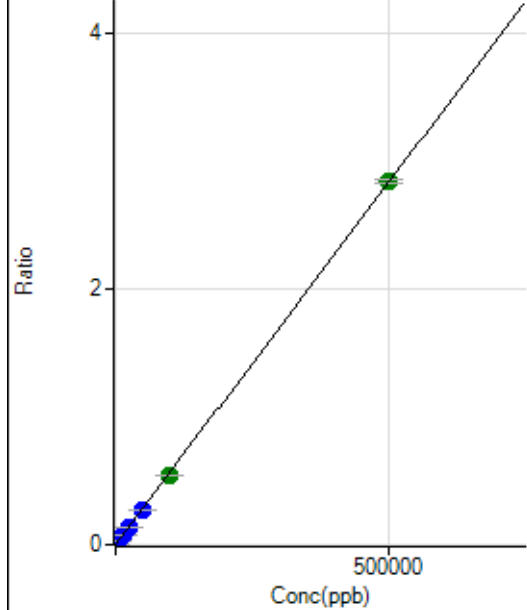
$$R = 1.0000$$

$$DL = 2.478$$

$$BEC = 74.85$$

Weight: <None>

Min Conc: 0

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	377.80	0.0000	P	8.9
2	☐	50.000					
3	☐	500.000	445.801	25954.20	0.0026	P	1.1
4	☐	5000.000	4848.440	275332.68	0.0275	P	0.8
5	☐	12500.000	12200.786	673927.29	0.0691	P	0.3
6	☐	25000.000	24597.197	1263301.71	0.1392	P	1.9
7	☐	50000.000	48295.792	2396627.92	0.2733	P	0.8
8	☐	100000.00	95993.186	4808228.45	0.5431	A	0.6
9	☐	500000.00	501000.97	27275219.36	2.8345	A	1.0

$$y = 5.6575E-006 * x + 3.6613E-005$$

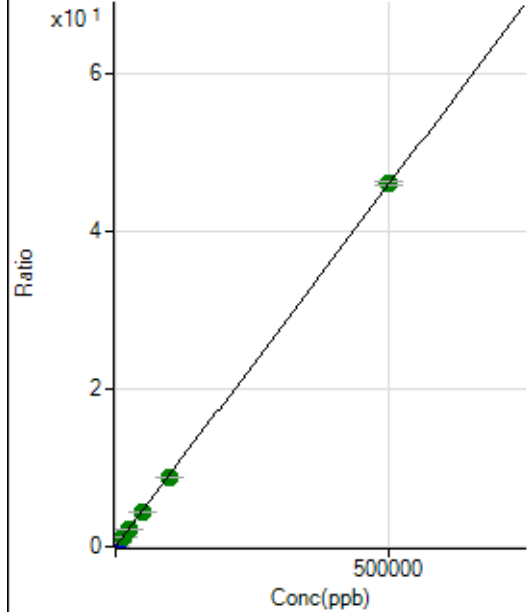
$$R = 1.0000$$

$$DL = 1.73$$

$$BEC = 6.472$$

Weight: <None>

Min Conc: 0

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	16175.52	0.0016	P	2.6
2	☐	50.000					
3	☐	500.000	443.484	428130.03	0.0422	P	1.1
4	☐	5000.000	4804.229	4429361.52	0.4419	P	0.9
5	☐	12500.000	12023.610	10768345.55	1.1035	A	0.3
6	☐	25000.000	24288.152	20216771.63	2.2275	A	1.8
7	☐	50000.000	47847.462	38472163.71	4.3867	A	0.8
8	☐	100000.00	95480.659	77482571.87	8.7522	A	0.5
9	☐	500000.00	501168.63	441989487.66	45.9327	A	1.2

$$y = 9.1648E-005 * x + 0.0016$$

$$R = 1.0000$$

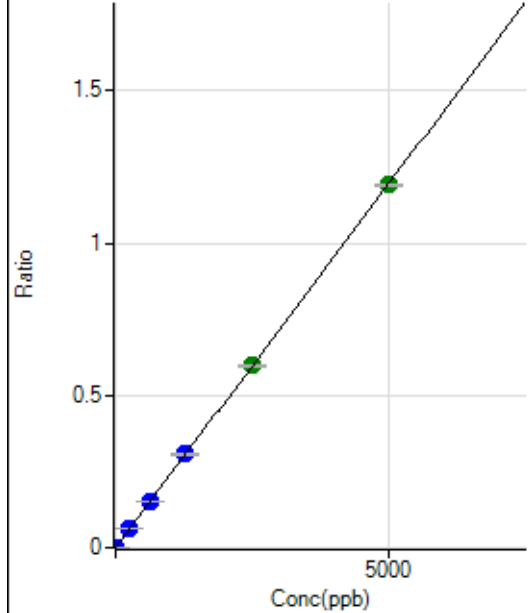
$$DL = 1.349$$

$$BEC = 17.1$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	150.01	0.0000	P	36.4
2	☐	0.500					
3	☐	5.000	4.778	11710.74	0.0012	P	6.4
4	☐	250.000	252.649	604673.52	0.0603	P	0.3
5	☐	625.000	638.929	1488262.95	0.1525	P	0.6
6	☐	1250.000	1286.216	2786517.10	0.3070	P	1.9
7	☐	2500.000	2500.677	5234835.10	0.5969	A	1.2
8	☐	5000.000	4988.734	10541952.06	1.1908	A	0.5
9	☐			5259.48	0.0005	P	4.0

$$y = 2.3869E-004 * x + 1.4537E-005$$

$$R = 1.0000$$

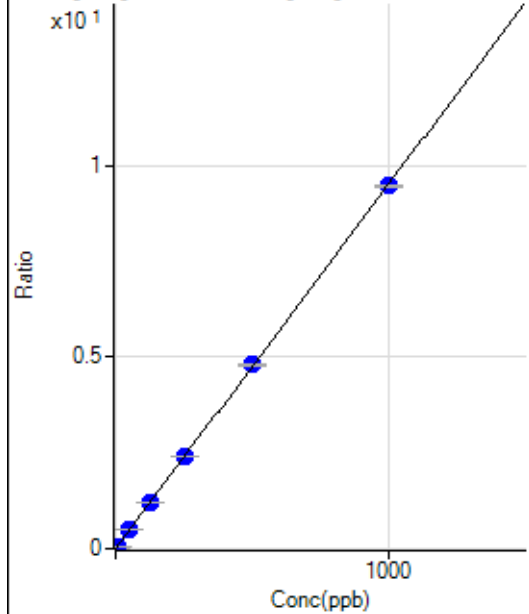
$$DL = 0.06653$$

$$BEC = 0.0609$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	23.33	0.0001	P	13.7
2	☐	0.500					
3	☐	5.000	4.751	17665.19	0.0452	P	2.0
4	☐	50.000	50.687	186319.42	0.4821	P	0.3
5	☐	125.000	127.178	451561.53	1.2095	P	0.3
6	☐	250.000	252.588	856847.10	2.4021	P	0.8
7	☐	500.000	505.822	1643542.23	4.8103	P	1.2
8	☐	1000.000	996.137	3368104.98	9.4731	P	0.5
9	☐			1850.15	0.0047	P	6.2

$$y = 0.0095 * x + 5.8531E-005$$

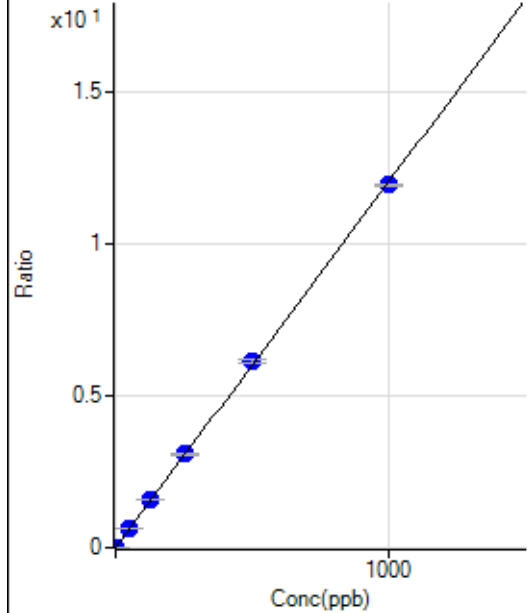
$$R = 1.0000$$

$$DL = 0.002539$$

$$BEC = 0.006155$$

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	457.79	0.0011	P	8.9
2	☐	0.200					
3	☐	2.000	2.047	10060.25	0.0258	P	0.7
4	☐	50.000	51.753	240869.56	0.6232	P	0.4
5	☐	125.000	129.431	581269.84	1.5569	P	0.2
6	☐	250.000	256.129	1098592.49	3.0798	P	0.8
7	☐	500.000	510.477	2096873.27	6.1371	P	1.3
8	☐	1000.000	992.587	4242414.41	11.9321	P	0.6
9	☐			217685.35	0.5515	P	0.4

$$y = 0.0120 * x + 0.0011$$

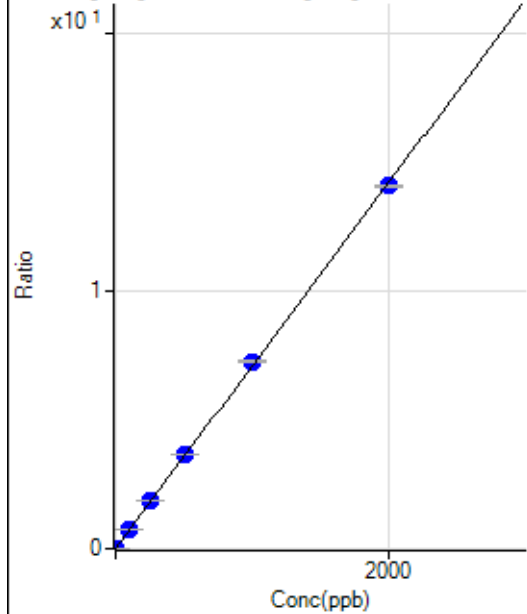
$$R = 0.9999$$

$$DL = 0.02563$$

$$BEC = 0.09557$$

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	77.78	0.0002	P	16.7
2	☐	0.100					
3	☐	1.000	1.031	2932.57	0.0075	P	1.9
4	☐	100.000	103.506	283917.67	0.7346	P	0.7
5	☐	250.000	258.690	685361.69	1.8357	P	0.8
6	☐	500.000	514.939	1303386.46	3.6539	P	0.8
7	☐	1000.000	1021.925	2477576.91	7.2512	P	0.9
8	☐	2000.000	1984.041	5005297.22	14.0778	P	0.6
9	☐			40647.34	0.1030	P	1.0

$$y = 0.0071 * x + 1.9533E-004$$

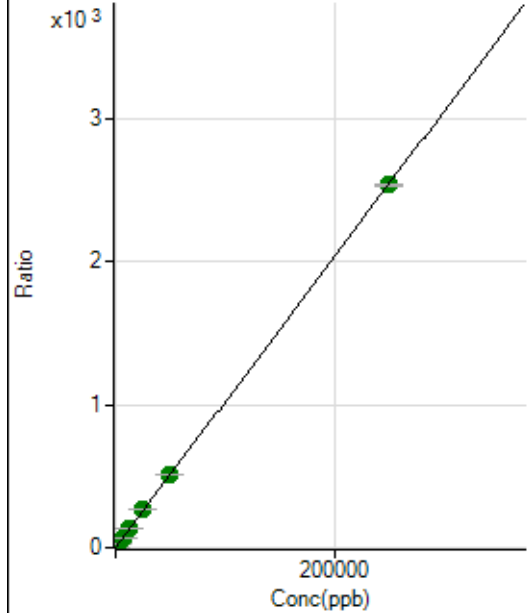
$$R = 0.9999$$

$$DL = 0.0138$$

$$BEC = 0.02753$$

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	5506.74	0.0138	P	1.4
2	☐	5.000					
3	☐	50.000	50.356	205265.71	0.5256	P	1.0
4	☐	2500.000	2629.266	10332700.12	26.7350	A	0.7
5	☐	6250.000	6599.633	25046347.32	67.0857	A	0.4
6	☐	12500.000	13064.043	47365131.61	132.7833	A	0.8
7	☐	25000.000	25970.375	90184702.02	263.9500	A	1.1
8	☐	50000.000	50419.136	182191874.44	512.4220	A	0.4
9	☐	250000.00	249780.90	1001915466.8	2,538.529	A	0.5

$$y = 0.0102 * x + 0.0138$$

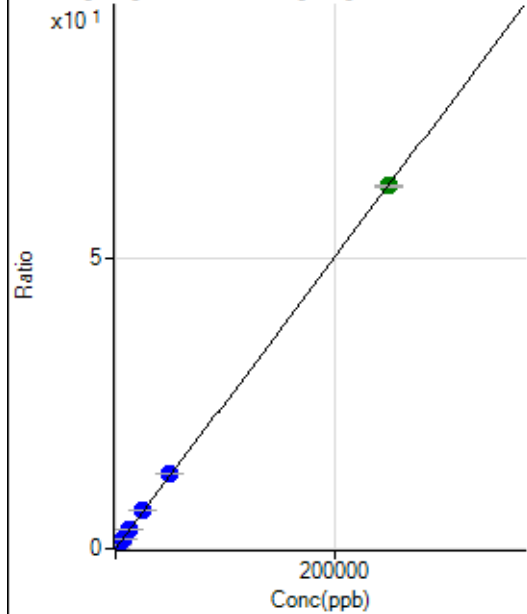
$$R = 1.0000$$

$$DL = 0.05544$$

$$BEC = 1.36$$

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	211.12	0.0005	P	14.7
2	☐	5.000					
3	☐	50.000	51.954	5282.56	0.0135	P	4.1
4	☐	2500.000	2640.900	255566.04	0.6612	P	0.6
5	☐	6250.000	6647.732	621138.89	1.6637	P	0.0
6	☐	12500.000	13178.842	1176290.88	3.2977	P	1.1
7	☐	25000.000	26185.362	2238537.90	6.5517	P	1.2
8	☐	50000.000	51102.067	4545909.59	12.7855	P	0.3
9	☐	250000.00	249615.75	24648630.87	62.4508	A	0.5

$$y = 2.5019E-004 * x + 5.3025E-004$$

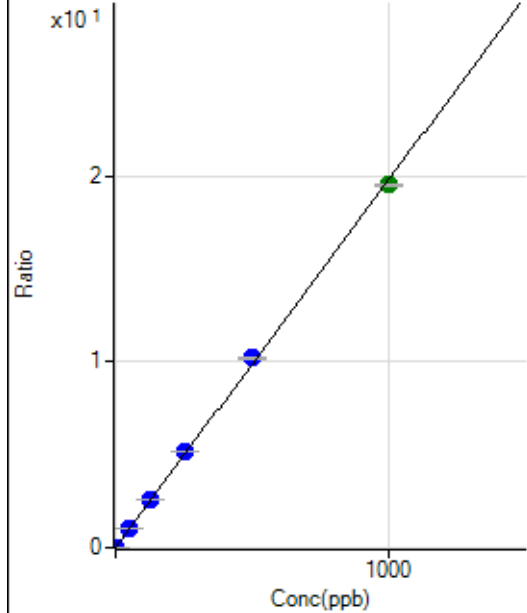
$$R = 1.0000$$

$$DL = 0.9344$$

$$BEC = 2.119$$

Weight: <None>

Min Conc: 0

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

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	123.34	0.0003	P	2.9
2	☐	0.100					
3	☐	1.000	1.005	7874.46	0.0202	P	4.3
4	☐	50.000	53.060	405279.46	1.0486	P	0.5
5	☐	125.000	132.708	979010.85	2.6222	P	0.2
6	☐	250.000	262.127	1847416.95	5.1792	P	1.2
7	☐	500.000	517.617	3494300.61	10.2269	P	1.1
8	☐	1000.000	987.043	6933548.86	19.5014	A	0.8
9	☐			97555.92	0.2472	P	0.3

$$y = 0.0198 * x + 3.0957E-004$$

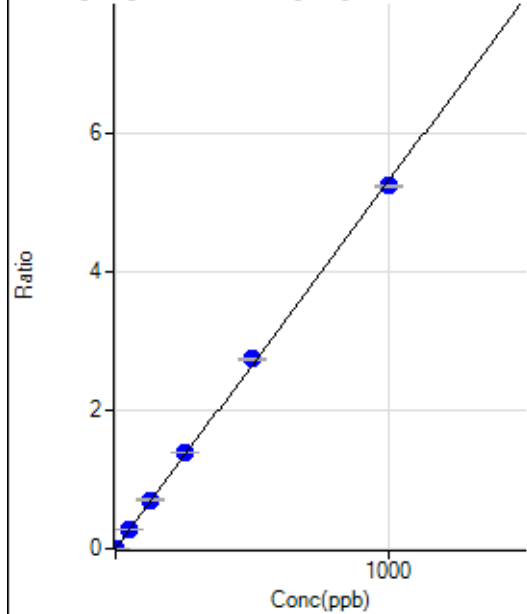
$$R = 0.9997$$

$$DL = 0.001346$$

$$BEC = 0.01567$$

Weight: <None>

Min Conc: 0

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

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	105.56	0.0003	P	39.2
2	☐	0.100					
3	☐	1.000	1.131	2453.58	0.0063	P	2.0
4	☐	50.000	53.603	110289.79	0.2854	P	0.6
5	☐	125.000	133.197	264590.38	0.7087	P	0.5
6	☐	250.000	262.294	497718.64	1.3953	P	0.9
7	☐	500.000	516.506	938704.12	2.7474	P	1.3
8	☐	1000.000	987.469	1867468.58	5.2523	P	0.3
9	☐			76975.21	0.1950	P	0.0

$$y = 0.0053 * x + 2.6479E-004$$

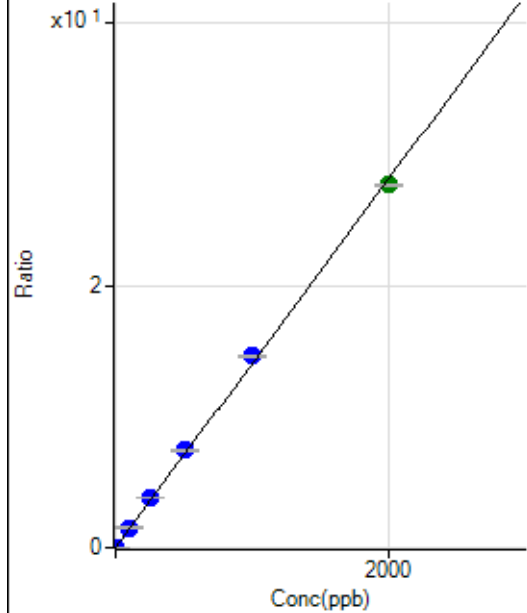
$$R = 0.9997$$

$$DL = 0.05854$$

$$BEC = 0.04979$$

Weight: <None>

Min Conc: 0

⁶³Cu [He] ISTD:45 Sc [He]

	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	408.90	0.0010	P	14.3
2	☐	0.200					
3	☐	2.000	2.104	11945.04	0.0306	P	2.2
4	☐	100.000	109.299	593883.18	1.5366	P	0.5
5	☐	250.000	270.762	1420623.59	3.8051	P	0.2
6	☐	500.000	529.549	2654168.24	7.4409	P	1.2
7	☐	1000.000	1040.455	4994999.75	14.6189	P	0.6
8	☐	2000.000	1969.325	9837565.89	27.6690	A	0.5
9	☐			26226.98	0.0665	P	1.4

$$y = 0.0140 * x + 0.0010$$

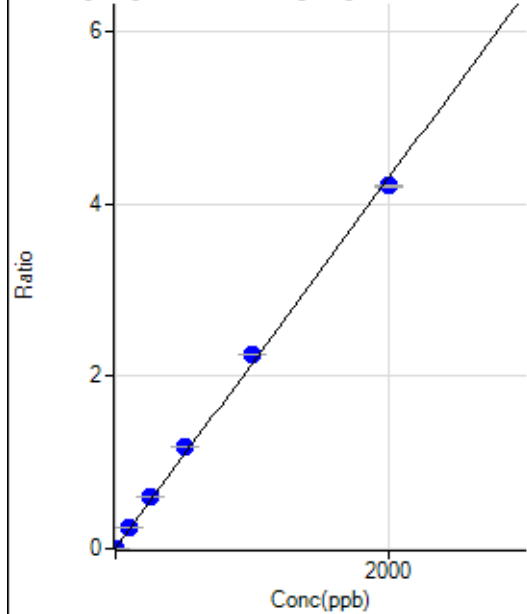
$$R = 0.9995$$

$$DL = 0.03134$$

$$BEC = 0.07308$$

Weight: <None>

Min Conc: 0

⁶⁶Zn [He] ISTD:45 Sc [He]

	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	1120.01	0.0028	P	2.8
2	☐	0.200					
3	☐	2.000	2.572	3257.45	0.0083	P	2.5
4	☐	100.000	116.167	97601.80	0.2525	P	0.1
5	☐	250.000	284.218	229157.78	0.6138	P	0.0
6	☐	500.000	548.552	421648.57	1.1820	P	0.3
7	☐	1000.000	1048.805	771335.36	2.2574	P	0.4
8	☐	2000.000	1958.374	1497818.87	4.2127	P	0.4
9	☐			14242.02	0.0361	P	2.8

$$y = 0.0021 * x + 0.0028$$

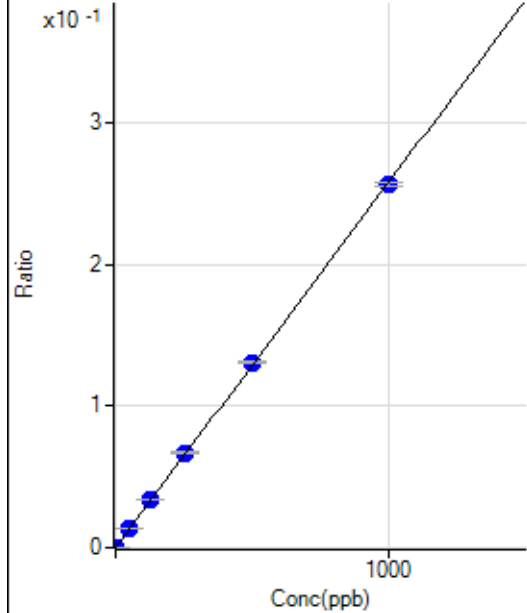
$$R = 0.9992$$

$$DL = 0.1103$$

$$BEC = 1.308$$

Weight: <None>

Min Conc: 0

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

	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	46.91	0.0000	P	19.4
2	☐	0.100					
3	☐	1.000	0.987	556.19	0.0003	P	4.7
4	☐	50.000	53.489	27385.70	0.0138	P	0.4
5	☐	125.000	131.292	65306.16	0.0338	P	0.2
6	☐	250.000	259.826	123231.97	0.0670	P	1.0
7	☐	500.000	506.107	230505.11	0.1304	P	0.9
8	☐	1000.000	993.529	465267.80	0.2560	P	1.0
9	☐			878.43	0.0004	P	2.1

$$y = 2.5763\text{E-}004 * x + 2.2973\text{E-}005$$

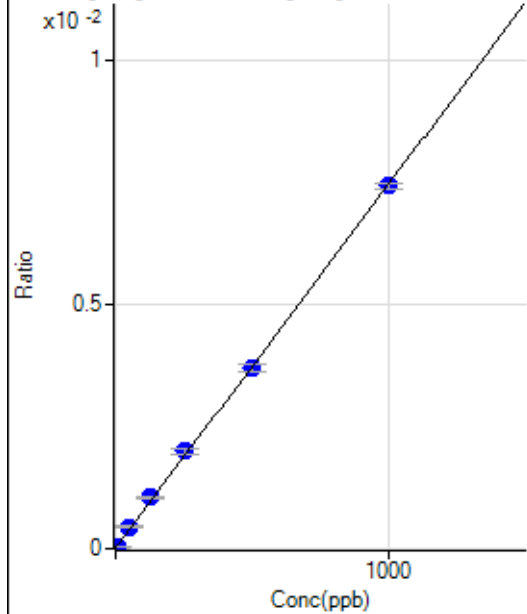
$$R = 0.9999$$

$$DL = 0.05191$$

$$BEC = 0.08917$$

Weight: <None>

Min Conc: 0

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

	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	18.89	0.0000	P	56.8
2	☐	0.500					
3	☐	5.000	4.554	86.67	0.0000	P	13.9
4	☐	50.000	58.647	885.59	0.0004	P	7.6
5	☐	125.000	140.095	2032.40	0.0011	P	3.9
6	☐	250.000	266.391	3670.53	0.0020	P	5.0
7	☐	500.000	495.406	6541.57	0.0037	P	4.3
8	☐	1000.000	995.882	13506.47	0.0074	P	1.8
9	☐			41.11	0.0000	P	45.5

$$y = 7.4529\text{E-}006 * x + 9.2578\text{E-}006$$

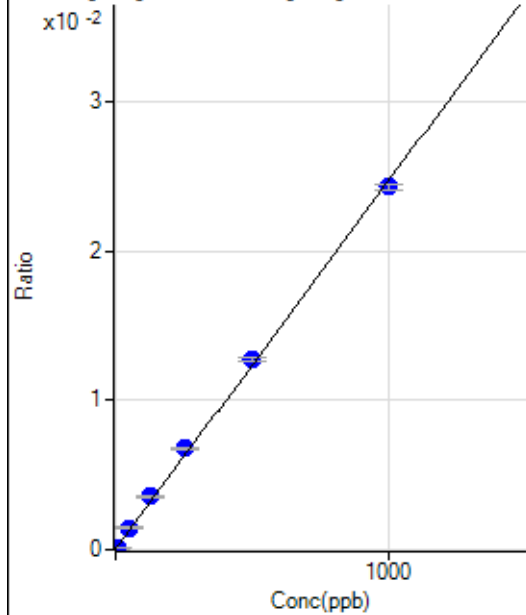
$$R = 0.9998$$

$$DL = 2.116$$

$$BEC = 1.242$$

Weight: <None>

Min Conc: 0

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

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	74.08	0.0000	P	12.2
2	☐	0.500					
3	☐	5.000	5.637	351.86	0.0002	P	5.8
4	☐	50.000	58.163	2920.08	0.0015	P	3.8
5	☐	125.000	143.198	6889.35	0.0036	P	1.9
6	☐	250.000	272.836	12459.13	0.0068	P	2.0
7	☐	500.000	515.730	22563.26	0.0128	P	1.5
8	☐	1000.000	983.740	44194.87	0.0243	P	1.4
9	☐			131.48	0.0001	P	23.0

$$y = 2.4681\text{E-}005 * x + 3.6268\text{E-}005$$

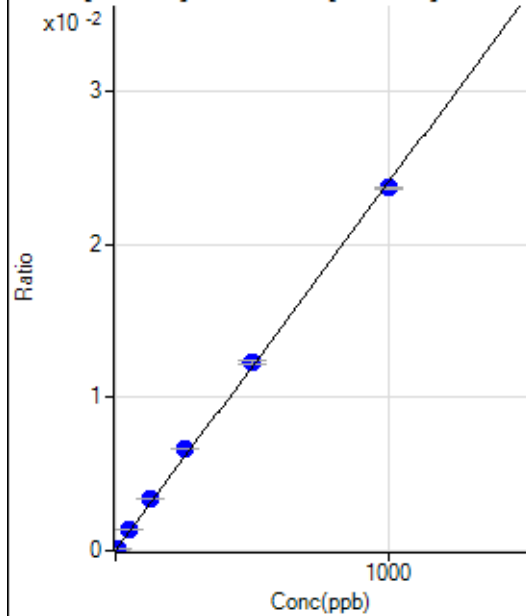
$$R = 0.9994$$

$$DL = 0.5371$$

$$BEC = 1.469$$

Weight: <None>

Min Conc: 0

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

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	138.06	0.0000	P	53.4
2	☐	0.500					
3	☐	5.000	5.402	2198.54	0.0001	P	3.2
4	☐	50.000	57.554	21929.27	0.0014	P	0.5
5	☐	125.000	142.272	52742.92	0.0034	P	0.7
6	☐	250.000	275.756	96230.84	0.0066	P	0.6
7	☐	500.000	511.084	172017.81	0.0123	P	1.3
8	☐	1000.000	985.480	336325.21	0.0237	P	0.8
9	☐			343.81	0.0000	P	26.9

$$y = 2.4012\text{E-}005 * x + 8.5322\text{E-}006$$

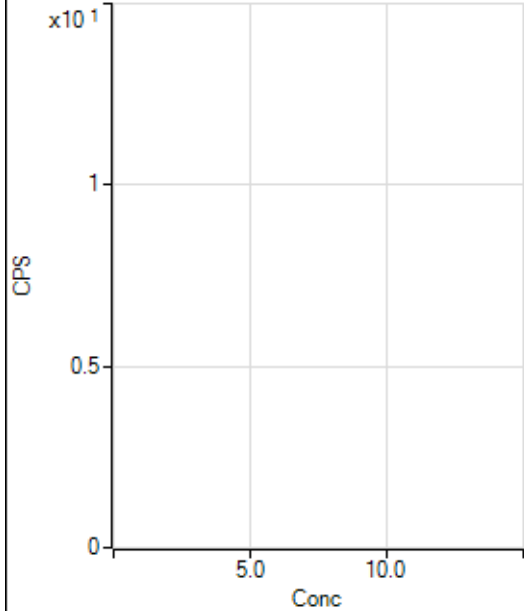
$$R = 0.9995$$

$$DL = 0.569$$

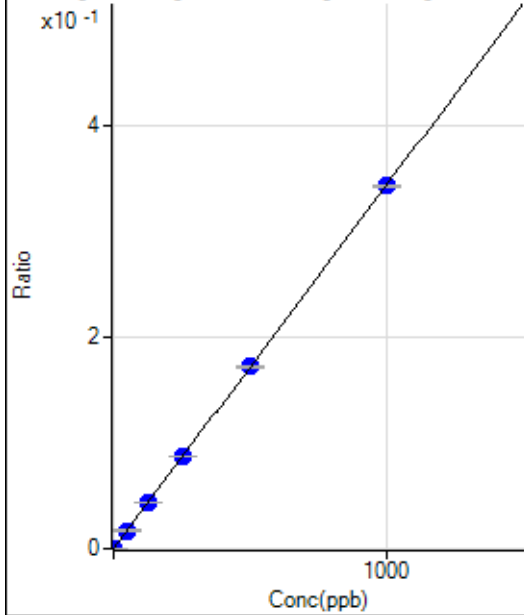
$$BEC = 0.3553$$

Weight: <None>

Min Conc: 0

83 Kr [No Gas] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			883.38		P	5.3
2	☐						
3	☐			876.71		P	3.8
4	☐			880.04		P	7.1
5	☐			854.48		P	5.0
6	☐			842.26		P	3.4
7	☐			827.82		P	2.3
8	☐			866.71		P	5.0
9	☐			986.72		P	8.9

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	1541.82	0.0001	P	7.3
2	☐	0.100					
3	☐	1.000	0.969	6804.71	0.0004	P	4.7
4	☐	50.000	49.928	271976.41	0.0172	P	1.3
5	☐	125.000	126.995	673325.81	0.0437	P	0.6
6	☐	250.000	253.953	1267565.36	0.0873	P	1.0
7	☐	500.000	501.547	2414703.03	0.1724	P	1.0
8	☐	1000.000	997.993	4872398.24	0.3429	P	0.6
9	☐			26414.15	0.0018	P	2.6

$$y = 3.4352E-004 * x + 9.5095E-005$$

$$R = 1.0000$$

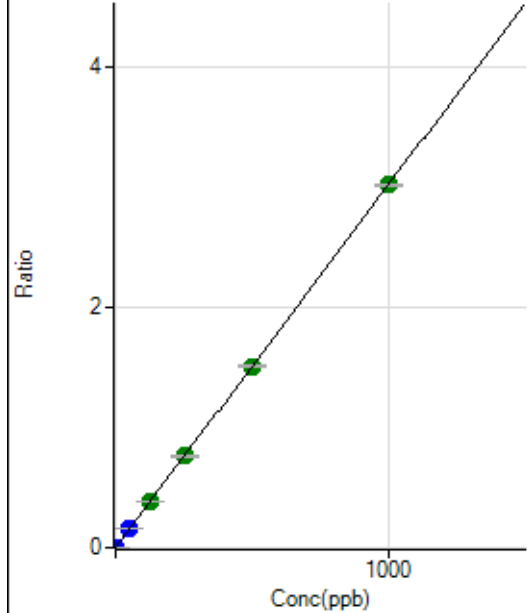
$$DL = 0.0603$$

$$BEC = 0.2768$$

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	1125.10	0.0001	P	6.8
2	☐	0.100					
3	☐	1.000	0.957	47050.21	0.0030	P	1.0
4	☐	50.000	50.329	2398555.85	0.1521	P	0.1
5	☐	125.000	125.186	5824423.31	0.3782	A	0.4
6	☐	250.000	251.832	11041373.51	0.7607	A	1.0
7	☐	500.000	500.147	21161873.22	1.5108	A	0.8
8	☐	1000.000	999.429	42891357.21	3.0189	A	0.7
9	☐			221833.18	0.0147	P	0.7

$$y = 0.0030 * x + 6.9416E-005$$

$$R = 1.0000$$

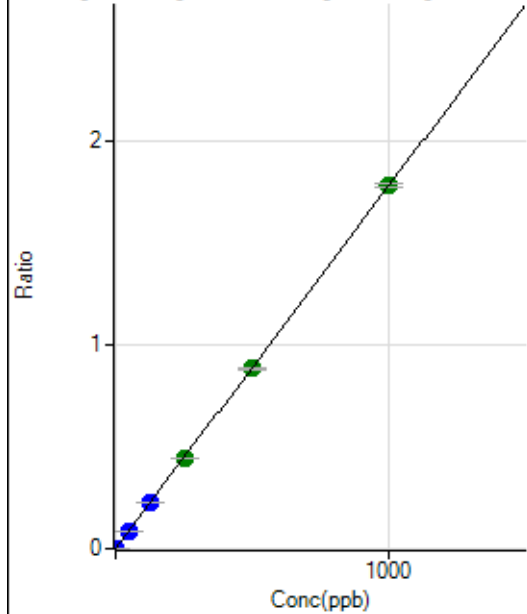
$$DL = 0.004672$$

$$BEC = 0.02298$$

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	1002.86	0.0001	P	1.7
2	☐	0.100					
3	☐	1.000	0.956	27997.66	0.0018	P	0.9
4	☐	50.000	49.804	1396076.47	0.0885	P	1.3
5	☐	125.000	126.215	3453767.65	0.2243	P	0.1
6	☐	250.000	250.405	6456692.63	0.4449	A	1.2
7	☐	500.000	497.592	12381204.79	0.8839	A	1.1
8	☐	1000.000	1000.961	25261459.42	1.7781	A	0.9
9	☐			14324.36	0.0010	P	2.1

$$y = 0.0018 * x + 6.1869E-005$$

$$R = 1.0000$$

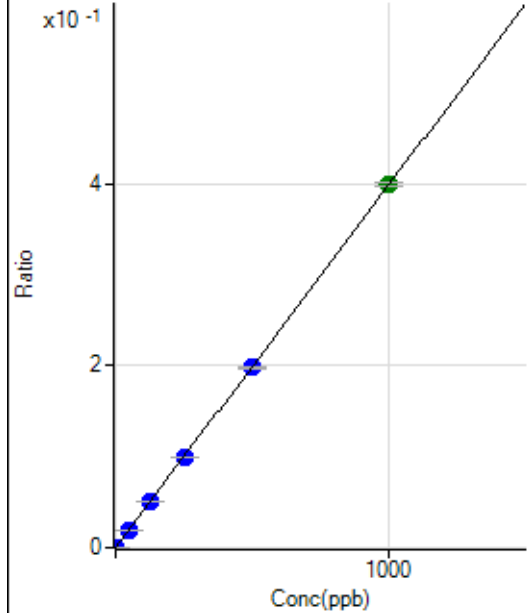
$$DL = 0.001827$$

$$BEC = 0.03483$$

Weight: <None>

Min Conc: 0

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



	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	236.12	0.0000	P	14.8
2	☐	0.100					
3	☐	1.000	0.965	6335.00	0.0004	P	0.8
4	☐	50.000	49.341	309693.38	0.0196	P	0.7
5	☐	125.000	125.698	770108.92	0.0500	P	0.5
6	☐	250.000	250.579	1446658.42	0.0997	P	0.6
7	☐	500.000	496.935	2768459.00	0.1976	P	0.9
8	☐	1000.000	1001.333	5657937.63	0.3982	A	1.0
9	☐			3169.94	0.0002	P	4.7

$$y = 3.9770\text{E-}004 * x + 1.4574\text{E-}005$$

$$R = 1.0000$$

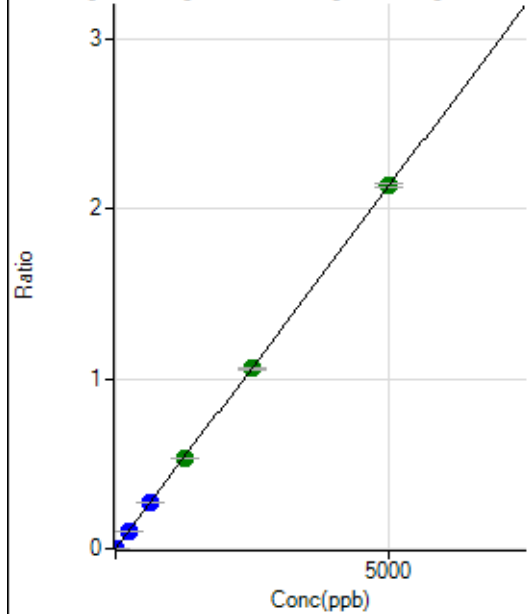
$$DL = 0.01622$$

$$BEC = 0.03664$$

Weight: <None>

Min Conc: 0

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



	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	425.02	0.0000	P	14.0
2	☐	0.500					
3	☐	5.000	4.749	32641.04	0.0021	P	1.8
4	☐	250.000	249.806	1681478.52	0.1066	P	0.8
5	☐	625.000	630.449	4143555.95	0.2690	P	0.3
6	☐	1250.000	1248.652	7733748.17	0.5328	A	1.0
7	☐	2500.000	2483.441	14844178.11	1.0598	A	0.8
8	☐	5000.000	5007.945	30361024.63	2.1370	A	1.0
9	☐			42171.66	0.0028	P	2.7

$$y = 4.2672\text{E-}004 * x + 2.6215\text{E-}005$$

$$R = 1.0000$$

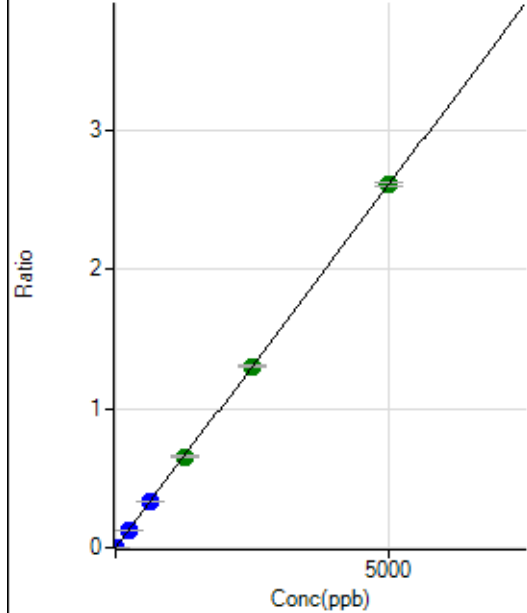
$$DL = 0.02577$$

$$BEC = 0.06143$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	183.34	0.0000	P	27.8
2	☐	0.500					
3	☐	5.000	4.645	38739.65	0.0024	P	1.4
4	☐	250.000	249.662	2055766.56	0.1304	P	0.7
5	☐	625.000	632.245	5083675.20	0.3301	P	0.4
6	☐	1250.000	1253.855	9501238.75	0.6546	A	1.2
7	☐	2500.000	2493.817	18236951.45	1.3020	A	1.0
8	☐	5000.000	5001.239	37095467.15	2.6111	A	1.2
9	☐			65358.64	0.0043	P	2.7

$$y = 5.2209\text{E-}004 * x + 1.1300\text{E-}005$$

$$R = 1.0000$$

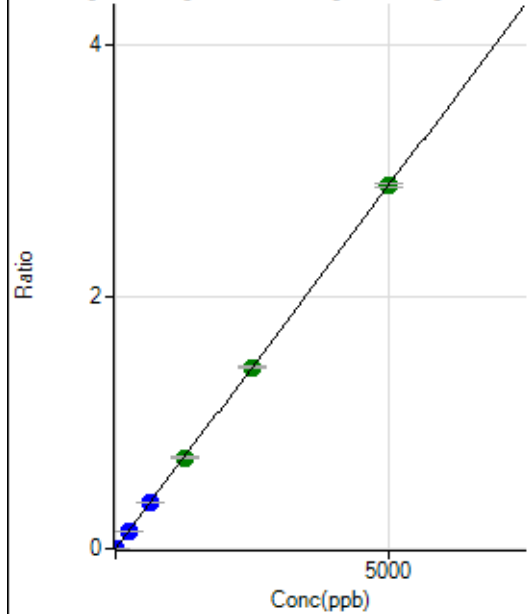
$$DL = 0.01808$$

$$BEC = 0.02164$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	222.23	0.0000	P	8.1
2	☐	0.500					
3	☐	5.000	4.601	42450.40	0.0027	P	1.6
4	☐	250.000	249.304	2269540.61	0.1439	P	0.5
5	☐	625.000	633.938	5635378.64	0.3659	P	0.3
6	☐	1250.000	1257.574	10535351.02	0.7259	A	1.2
7	☐	2500.000	2499.339	20206758.26	1.4426	A	1.0
8	☐	5000.000	4997.355	40979594.32	2.8845	A	1.1
9	☐			83139.18	0.0055	P	2.0

$$y = 5.7720\text{E-}004 * x + 1.3711\text{E-}005$$

$$R = 1.0000$$

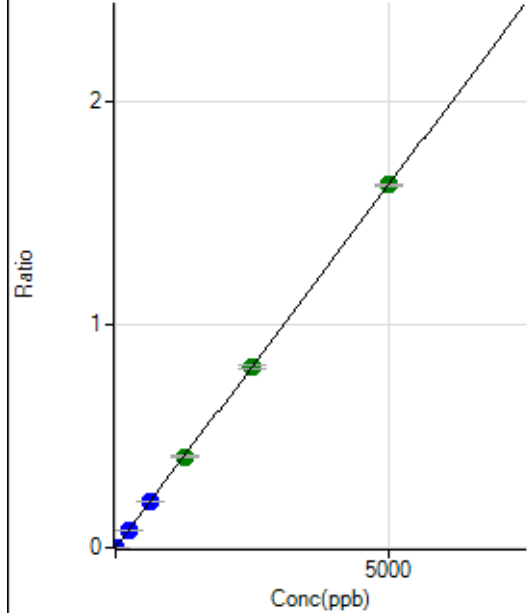
$$DL = 0.005753$$

$$BEC = 0.02375$$

Weight: <None>

Min Conc: 0

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



	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	102.78	0.0000	P	52.1
2	☐	0.500					
3	☐	5.000	4.665	24174.00	0.0015	P	1.4
4	☐	250.000	249.921	1279027.03	0.0811	P	0.6
5	☐	625.000	634.274	3169740.22	0.2058	P	0.4
6	☐	1250.000	1254.292	5907357.12	0.4070	A	1.1
7	☐	2500.000	2492.303	11327627.86	0.8087	A	1.3
8	☐	5000.000	5001.621	23058491.31	1.6230	A	0.9
9	☐			40734.04	0.0027	P	2.3

$$y = 3.2449\text{E-}004 * x + 6.3383\text{E-}006$$

$$R = 1.0000$$

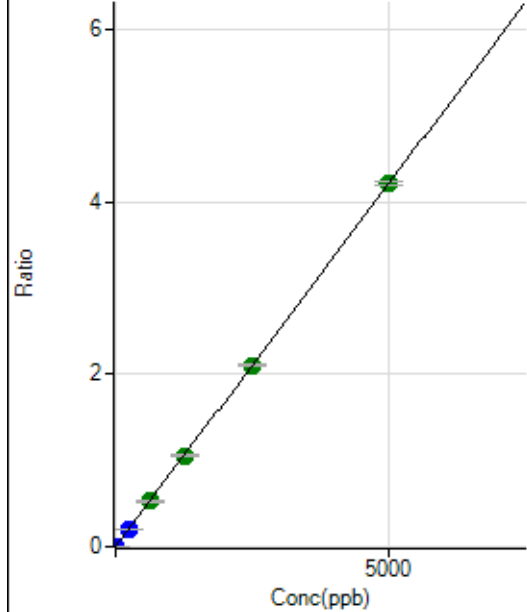
$$DL = 0.03055$$

$$BEC = 0.01953$$

Weight: <None>

Min Conc: 0

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



	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	244.46	0.0000	P	13.4
2	☐	0.500					
3	☐	5.000	4.649	62420.86	0.0039	P	0.4
4	☐	250.000	249.732	3312917.56	0.2101	P	0.5
5	☐	625.000	624.251	8086499.83	0.5251	A	0.6
6	☐	1250.000	1252.753	15293894.09	1.0537	A	1.1
7	☐	2500.000	2496.813	29416373.92	2.1002	A	1.2
8	☐	5000.000	5001.013	59762149.25	4.2065	A	1.0
9	☐			104209.56	0.0069	P	3.8

$$y = 8.4113\text{E-}004 * x + 1.5087\text{E-}005$$

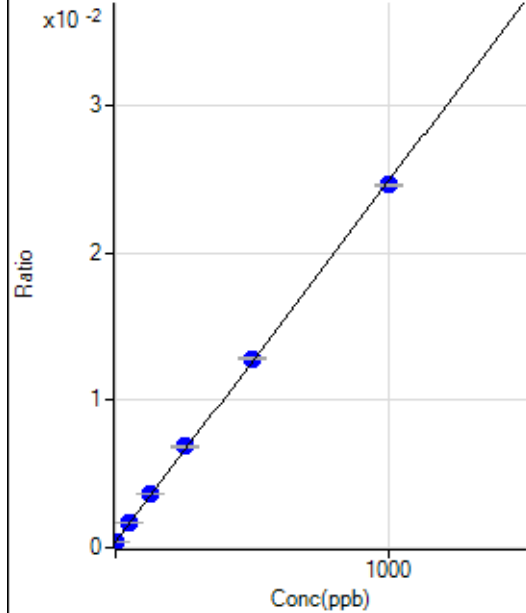
$$R = 1.0000$$

$$DL = 0.007197$$

$$BEC = 0.01794$$

Weight: <None>

Min Conc: 0

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

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	8163.80	0.0004	P	1.3
2	☐	0.100					
3	☐	1.000	1.597	8872.60	0.0004	P	3.6
4	☐	50.000	55.278	37102.35	0.0017	P	0.8
5	☐	125.000	136.061	78269.41	0.0037	P	0.7
6	☐	250.000	264.856	139738.26	0.0069	P	0.6
7	☐	500.000	508.373	254240.87	0.0128	P	1.4
8	☐	1000.000	990.452	495803.85	0.0246	P	0.7
9	☐			7969.28	0.0004	P	3.1

$$y = 2.4505\text{E-}005 * x + 3.7404\text{E-}004$$

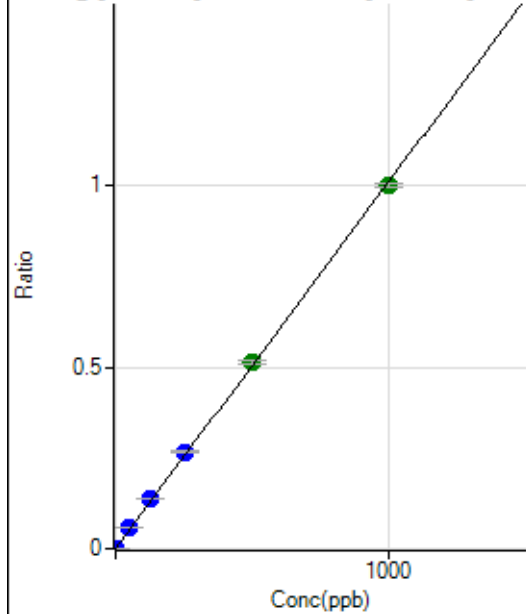
$$R = 0.9998$$

$$DL = 0.6013$$

$$BEC = 15.26$$

Weight: <None>

Min Conc: 0

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

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	205.56	0.0000	P	13.8
2	☐	0.100					
3	☐	1.000	1.026	22443.54	0.0010	P	1.1
4	☐	50.000	55.537	1203915.39	0.0561	P	0.6
5	☐	125.000	137.241	2925316.56	0.1386	P	0.9
6	☐	250.000	264.597	5439521.65	0.2672	P	0.2
7	☐	500.000	509.624	10196588.94	0.5146	A	1.5
8	☐	1000.000	989.732	20105595.76	0.9994	A	1.0
9	☐			2972.66	0.0001	P	2.3

$$y = 0.0010 * x + 9.4144\text{E-}006$$

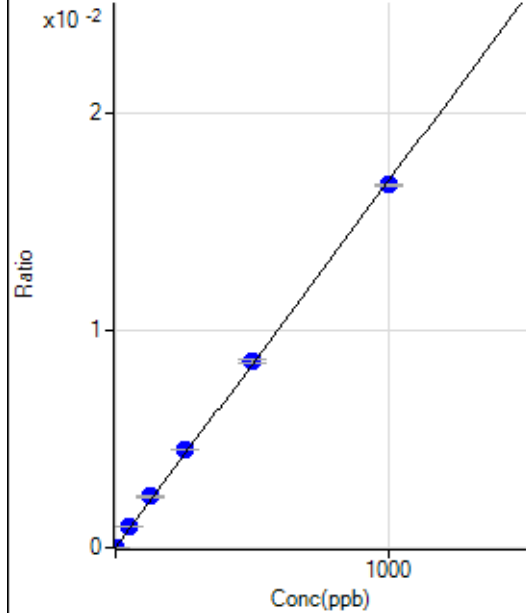
$$R = 0.9998$$

$$DL = 0.003852$$

$$BEC = 0.009323$$

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	45.83	0.0000	P	40.2
2	☐	0.100					
3	☐	1.000	0.964	394.46	0.0000	P	9.9
4	☐	50.000	56.537	20509.51	0.0010	P	1.2
5	☐	125.000	139.028	49530.94	0.0023	P	1.0
6	☐	250.000	267.292	91806.12	0.0045	P	0.6
7	☐	500.000	508.222	169861.11	0.0086	P	1.2
8	☐	1000.000	989.486	335743.39	0.0167	P	0.6
9	☐			158.34	0.0000	P	3.9

$$y = 1.6864E-005 * x + 2.1028E-006$$

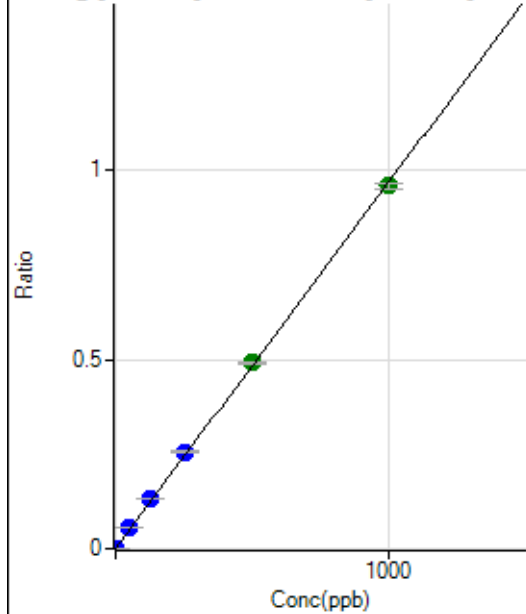
$$R = 0.9997$$

$$DL = 0.1503$$

$$BEC = 0.1247$$

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	150.01	0.0000	P	18.9
2	☐	0.100					
3	☐	1.000	1.029	21508.77	0.0010	P	0.9
4	☐	50.000	55.325	1147993.70	0.0535	P	0.2
5	☐	125.000	137.500	2805469.42	0.1329	P	0.5
6	☐	250.000	264.551	5205848.12	0.2557	P	0.7
7	☐	500.000	507.380	9717455.51	0.4904	A	1.5
8	☐	1000.000	990.843	19266571.09	0.9578	A	1.4
9	☐			2922.65	0.0001	P	7.2

$$y = 9.6661E-004 * x + 6.8703E-006$$

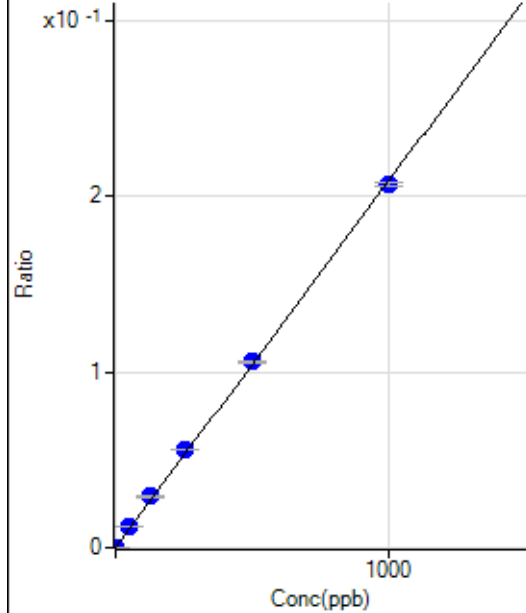
$$R = 0.9998$$

$$DL = 0.004028$$

$$BEC = 0.007108$$

Weight: <None>

Min Conc: 0

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

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	1632.62	0.0001	P	3.1
2	☐	0.100					
3	☐	1.000	1.069	6397.97	0.0003	P	2.3
4	☐	50.000	55.669	251075.99	0.0117	P	0.4
5	☐	125.000	138.799	613248.80	0.0291	P	0.1
6	☐	250.000	268.737	1143754.54	0.0562	P	0.4
7	☐	500.000	506.786	2098019.85	0.1059	P	1.2
8	☐	1000.000	989.914	4159295.92	0.2068	P	1.1
9	☐			2334.45	0.0001	P	5.7

$$y = 2.0879\text{E-}004 * x + 7.4797\text{E-}005$$

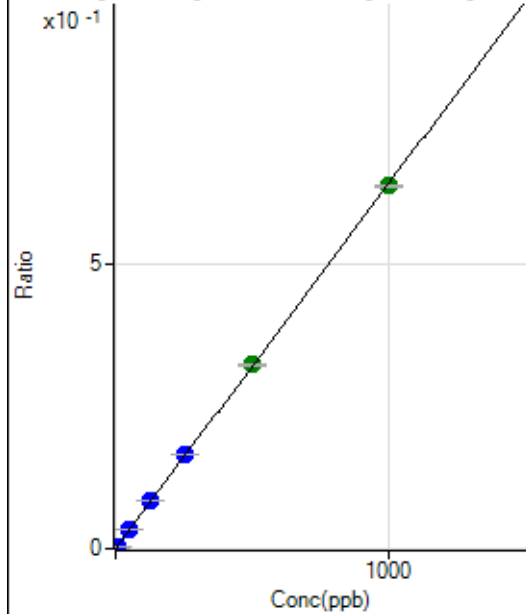
$$R = 0.9997$$

$$DL = 0.03311$$

$$BEC = 0.3582$$

Weight: <None>

Min Conc: 0

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

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	877.85	0.0000	P	11.9
2	☐	0.500					
3	☐	5.000	4.963	69064.69	0.0032	P	1.1
4	☐	50.000	52.275	718782.79	0.0335	P	0.1
5	☐	125.000	131.719	1779743.79	0.0843	P	0.2
6	☐	250.000	259.093	3375618.78	0.1658	P	1.0
7	☐	500.000	504.385	6395139.16	0.3228	A	1.6
8	☐	1000.000	994.581	12802947.86	0.6364	A	0.8
9	☐			1944.93	0.0009	P	5.0

$$y = 6.3984\text{E-}004 * x + 4.0207\text{E-}005$$

$$R = 0.9999$$

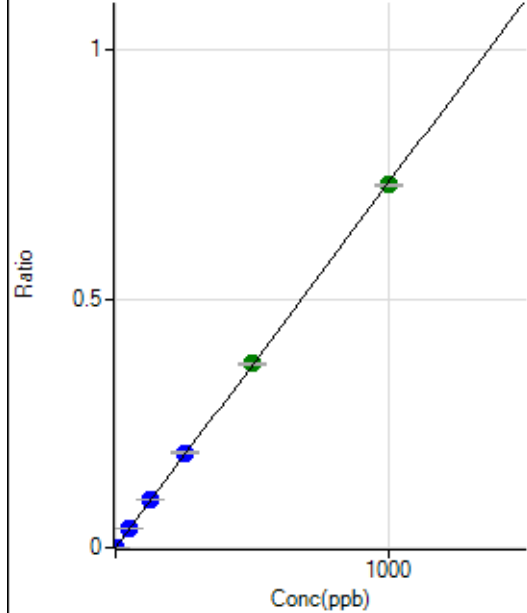
$$DL = 0.02241$$

$$BEC = 0.06284$$

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	125.01	0.0000	P	29.4
2	☐	0.200					
3	☐	2.000	1.949	30840.33	0.0014	P	0.7
4	☐	50.000	52.839	832436.27	0.0388	P	0.6
5	☐	125.000	132.865	2058214.65	0.0975	P	0.5
6	☐	250.000	260.607	3893556.12	0.1913	P	0.7
7	☐	500.000	504.107	7330455.11	0.3700	A	1.2
8	☐	1000.000	994.170	14677777.07	0.7296	A	0.8
9	☐			25440.51	0.0012	P	1.2

$$y = 7.3388\text{E-}004 * x + 5.7319\text{E-}006$$

$$R = 0.9999$$

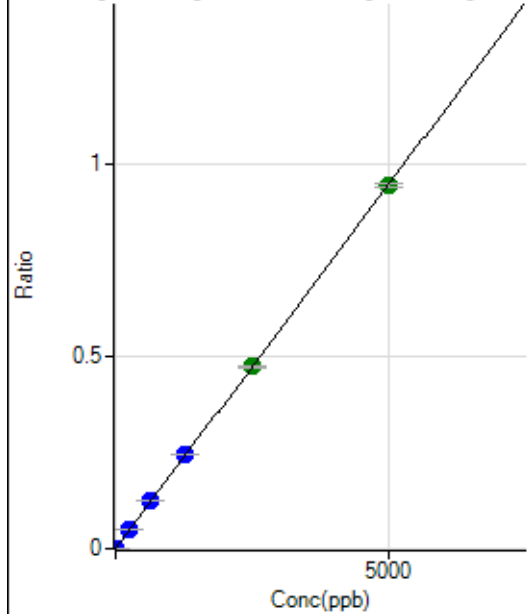
$$DL = 0.006882$$

$$BEC = 0.00781$$

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	91.67	0.0000	P	24.1
2	☐	1.000					
3	☐	10.000	9.356	38108.73	0.0018	P	0.6
4	☐	250.000	259.116	1052463.40	0.0490	P	0.2
5	☐	625.000	651.203	2600920.05	0.1232	P	0.6
6	☐	1250.000	1287.630	4960081.31	0.2437	P	0.7
7	☐	2500.000	2505.627	9394485.11	0.4741	A	1.1
8	☐	5000.000	4984.049	18971925.42	0.9431	A	1.1
9	☐			4826.03	0.0002	P	2.8

$$y = 1.8922\text{E-}004 * x + 4.2010\text{E-}006$$

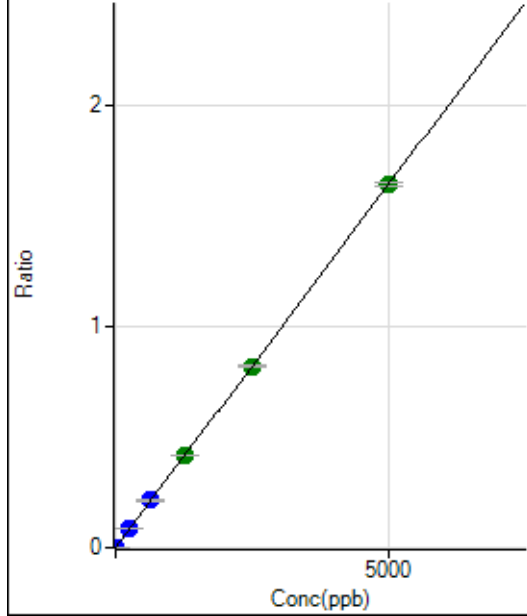
$$R = 1.0000$$

$$DL = 0.01604$$

$$BEC = 0.0222$$

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	141.67	0.0000	P	25.8
2	☐	1.000					
3	☐	10.000	9.388	66418.13	0.0031	P	0.8
4	☐	250.000	258.620	1824899.06	0.0850	P	0.3
5	☐	625.000	649.287	4505216.81	0.2134	P	0.3
6	☐	1250.000	1264.104	8459555.31	0.4156	A	1.0
7	☐	2500.000	2499.244	16279478.49	0.8216	A	0.8
8	☐	5000.000	4993.386	33021331.29	1.6415	A	1.1
9	☐			8288.94	0.0004	P	3.0

$$y = 3.2873E-004 * x + 6.4939E-006$$

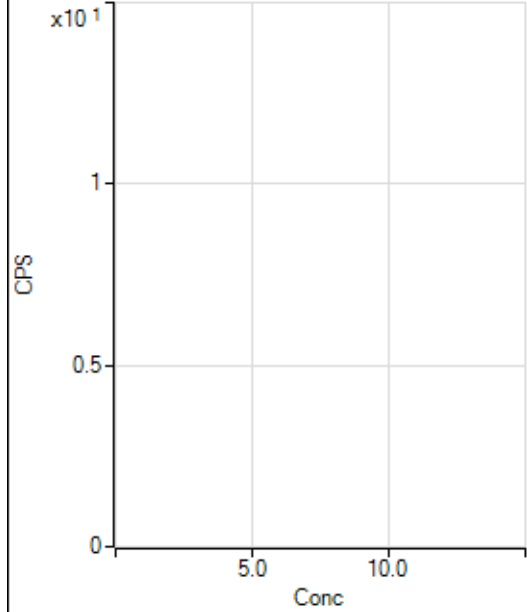
$$R = 1.0000$$

$$DL = 0.01532$$

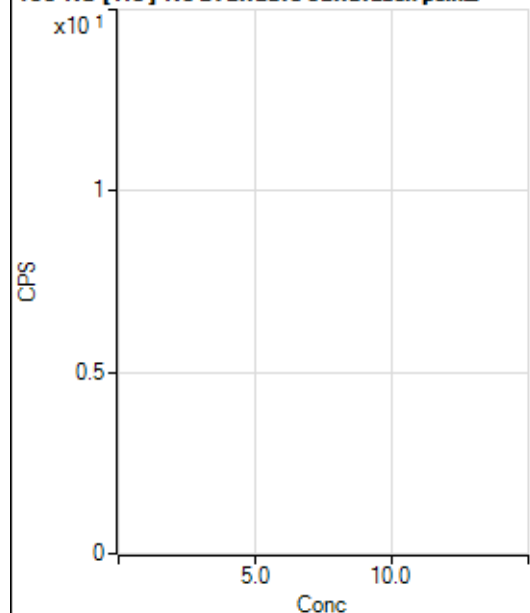
$$BEC = 0.01975$$

Weight: <None>

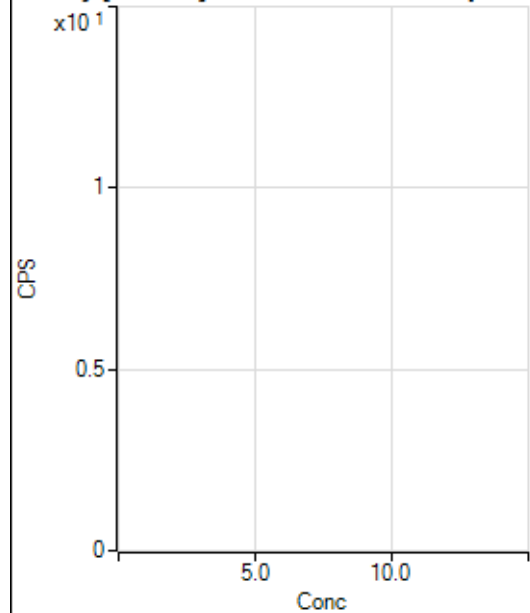
Min Conc: 0

150 Nd [No Gas] No available calibration points

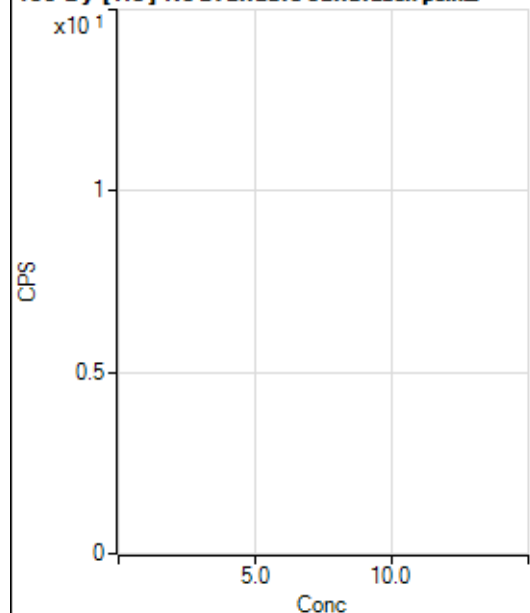
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐			28.89		P	13.3
2	☐						
3	☐			17.78		P	78.1
4	☐			117.78		P	37.7
5	☐			268.90		P	13.7
6	☐			457.80		P	10.9
7	☐			835.61		P	4.8
8	☐			1802.41		P	9.0
9	☐			373.35		P	18.6

150 Nd [He] No available calibration points

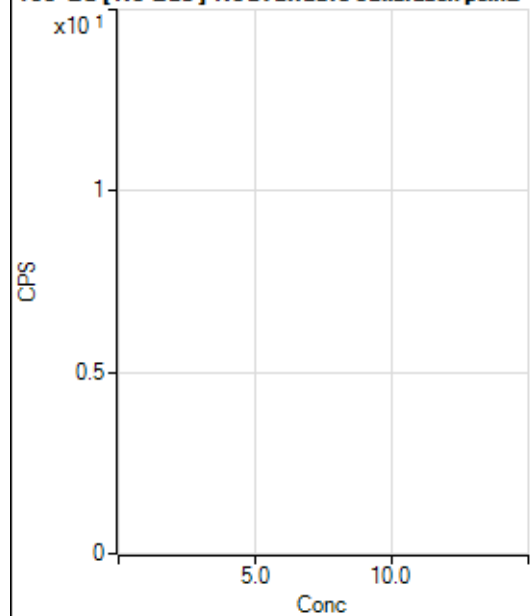
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			16.67		P	NaN
2	☐						
3	☐			6.67		P	100.
4	☐			7.78		P	24.7
5	☐			26.66		P	21.7
6	☐			41.11		P	16.9
7	☐			64.44		P	21.5
8	☐			158.89		P	29.5
9	☐			184.45		P	18.5

156 Dy [No Gas] No available calibration points

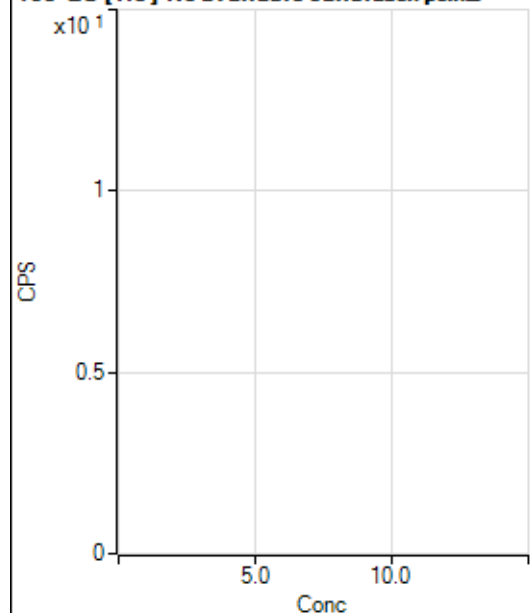
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			52.78		P	32.9
2	☐						
3	☐			16.67		P	50.0
4	☐			55.56		P	17.3
5	☐			100.01		P	36.3
6	☐			102.78		P	28.5
7	☐			208.34		P	20.0
8	☐			283.35		P	17.9
9	☐			252.79		P	36.3

156 Dy [He] No available calibration points

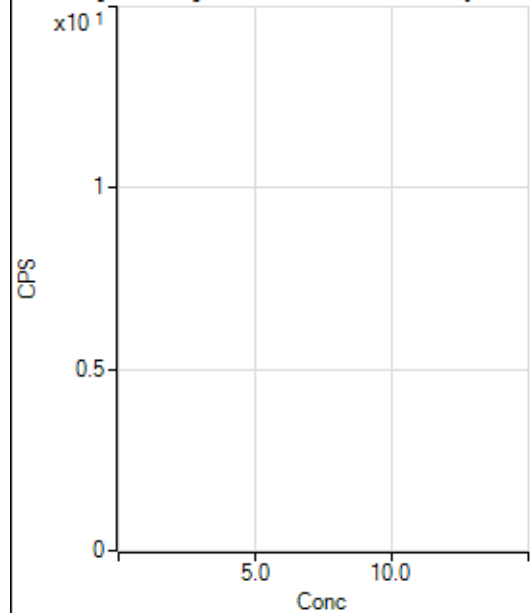
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			18.89		P	36.7
2	☐						
3	☐			20.00		P	28.9
4	☐			18.89		P	20.4
5	☐			53.33		P	34.8
6	☐			105.56		P	7.9
7	☐			170.00		P	17.4
8	☐			362.23		P	8.7
9	☐			116.67		P	14.8

160 Gd [No Gas] Noavailable calibration poin_

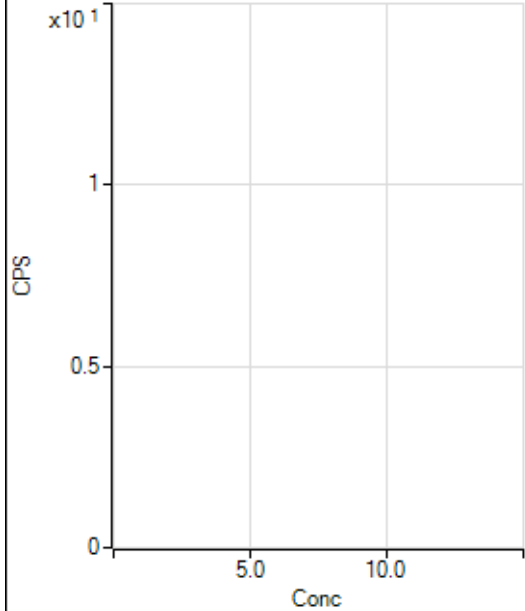
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			144.45		P	21.8
2	☐						
3	☐			169.45		P	5.7
4	☐			180.57		P	22.8
5	☐			177.78		P	24.1
6	☐			177.78		P	10.8
7	☐			202.79		P	16.6
8	☐			163.90		P	11.7
9	☐			266.68		P	6.2

160 Gd [He] No available calibration points

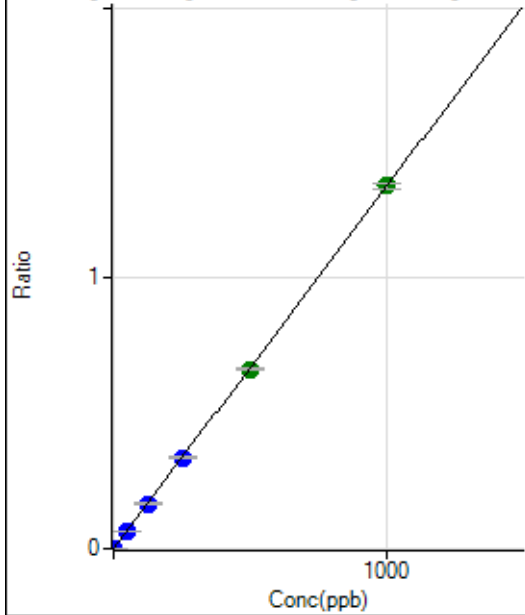
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			380.01		P	11.9
2	☐						
3	☐			327.79		P	13.9
4	☐			377.79		P	1.3
5	☐			292.23		P	3.7
6	☐			331.12		P	6.1
7	☐			307.78		P	1.7
8	☐			330.01		P	9.9
9	☐			392.24		P	6.4

164 Er [No Gas] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			77.78		P	53.9
2	☐						
3	☐			102.78		P	12.4
4	☐			97.22		P	39.6
5	☐			58.34		P	14.3
6	☐			80.56		P	21.5
7	☐			91.67		P	32.8
8	☐			100.01		P	30.0
9	☐			161.12		P	20.9

164 Er [He] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐			61.11		P	13.7
2	☐						
3	☐			56.66		P	27.0
4	☐			34.44		P	14.8
5	☐			34.45		P	39.1
6	☐			45.55		P	36.8
7	☐			40.00		P	30.0
8	☐			63.33		P	5.3
9	☐			81.11		P	13.2

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	325.02	0.0000	P	11.4
2	☐	0.100					
3	☐	1.000	0.909	18752.80	0.0012	P	1.5
4	☐	50.000	48.884	987748.73	0.0655	P	0.9
5	☐	125.000	124.676	2449437.79	0.1670	P	0.4
6	☐	250.000	251.458	4697793.38	0.3368	P	0.9
7	☐	500.000	495.915	8943546.99	0.6642	A	0.4
8	☐	1000.000	1001.774	17939301.44	1.3418	A	1.2
9	☐			7427.40	0.0006	P	5.9

$$y = 0.0013 * x + 2.1203E-005$$

$$R = 1.0000$$

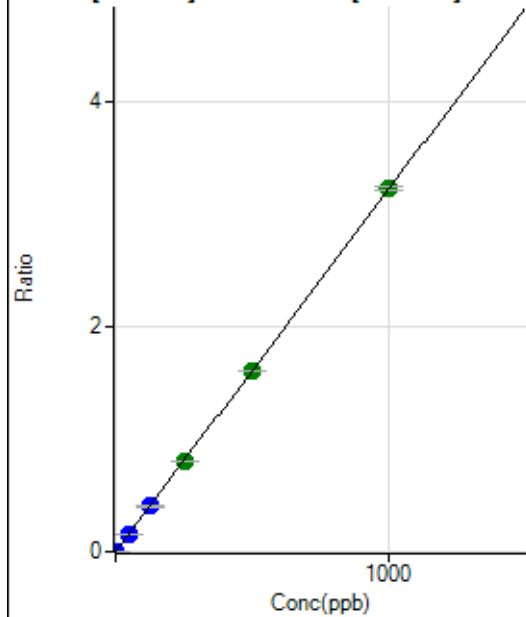
$$DL = 0.005431$$

$$BEC = 0.01583$$

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	758.39	0.0000	P	11.5
2	☐	0.100					
3	☐	1.000	0.911	45119.17	0.0030	P	0.3
4	☐	50.000	49.048	2380043.37	0.1578	P	1.0
5	☐	125.000	124.888	5892296.01	0.4018	P	0.7
6	☐	250.000	248.263	11138486.71	0.7986	A	1.0
7	☐	500.000	497.684	21554878.61	1.6009	A	0.3
8	☐	1000.000	1001.654	43076532.91	3.2219	A	1.1
9	☐			18046.21	0.0015	P	3.2

$$y = 0.0032 * x + 4.9449E-005$$

$$R = 1.0000$$

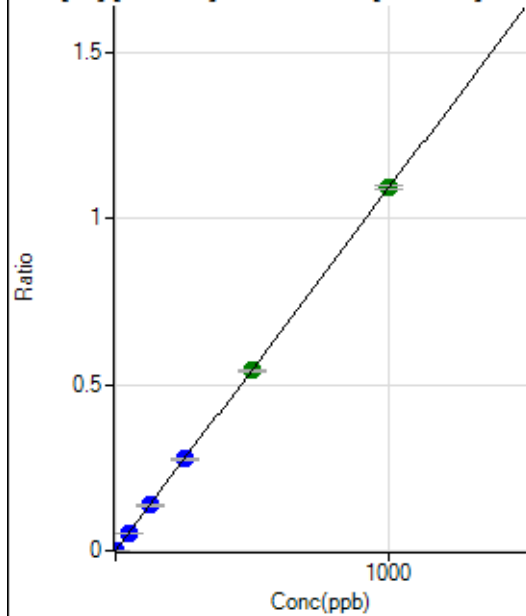
$$DL = 0.005283$$

$$BEC = 0.01537$$

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	1074.16	0.0001	P	1.6
2	☐	0.100					
3	☐	1.000	0.920	16243.64	0.0011	P	1.4
4	☐	50.000	48.939	806274.95	0.0535	P	1.5
5	☐	125.000	124.741	1997068.03	0.1362	P	0.5
6	☐	250.000	252.425	3842252.57	0.2755	P	0.5
7	☐	500.000	496.637	7296517.24	0.5419	A	0.5
8	☐	1000.000	1001.161	14605172.32	1.0924	A	1.0
9	☐			20225.12	0.0016	P	2.8

$$y = 0.0011 * x + 7.0060E-005$$

$$R = 1.0000$$

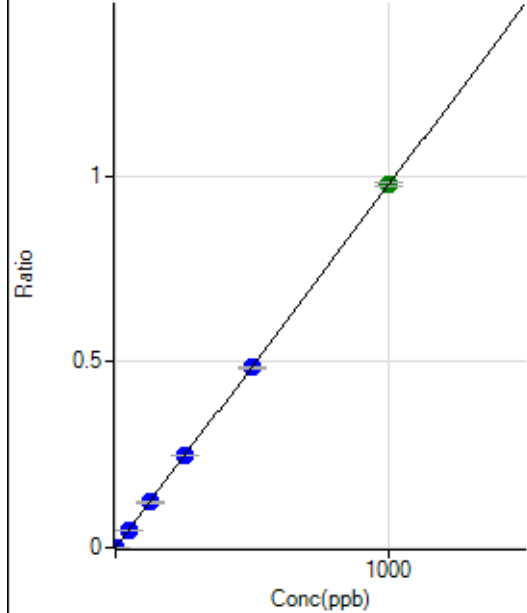
$$DL = 0.002994$$

$$BEC = 0.06421$$

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	981.55	0.0001	P	5.2
2	☐	0.100					
3	☐	1.000	0.931	14730.74	0.0010	P	0.9
4	☐	50.000	48.913	721646.72	0.0479	P	0.7
5	☐	125.000	124.844	1789747.70	0.1220	P	0.6
6	☐	250.000	253.330	3452929.59	0.2476	P	0.3
7	☐	500.000	497.713	6547784.58	0.4863	P	1.0
8	☐	1000.000	1000.385	13067975.76	0.9774	A	1.0
9	☐			17563.84	0.0014	P	2.7

$$y = 9.7697\text{E-}004 * x + 6.4027\text{E-}005$$

$$R = 1.0000$$

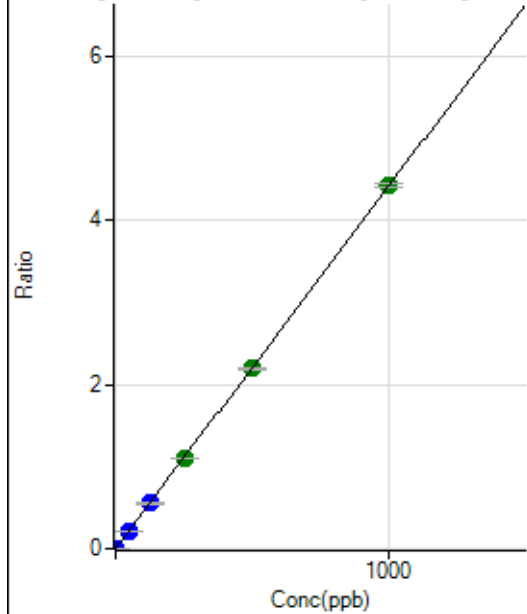
$$DL = 0.01024$$

$$BEC = 0.06554$$

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	4261.51	0.0003	P	4.9
2	☐	0.100					
3	☐	1.000	0.923	65805.82	0.0043	P	0.6
4	☐	50.000	48.924	3258482.34	0.2161	P	1.1
5	☐	125.000	124.870	8081728.98	0.5510	P	0.4
6	☐	250.000	251.188	15456638.19	1.1082	A	0.4
7	☐	500.000	496.703	29500738.62	2.1911	A	0.8
8	☐	1000.000	1001.422	59058718.68	4.4172	A	0.9
9	☐			79126.03	0.0064	P	1.8

$$y = 0.0044 * x + 2.7795\text{E-}004$$

$$R = 1.0000$$

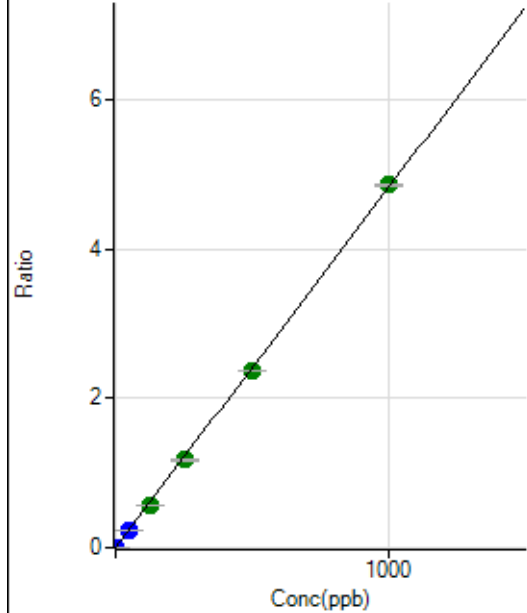
$$DL = 0.009254$$

$$BEC = 0.06302$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	422.24	0.0000	P	7.4
2	☐	0.100					
3	☐	1.000	0.847	62233.22	0.0041	P	0.3
4	☐	50.000	46.357	3371048.05	0.2235	P	0.6
5	☐	125.000	117.696	8322643.12	0.5675	A	0.3
6	☐	250.000	243.075	16345510.09	1.1719	A	0.7
7	☐	500.000	490.510	31840802.10	2.3649	A	0.6
8	☐	1000.000	1007.572	64950220.43	4.8577	A	0.5
9	☐			12144.84	0.0010	P	6.5

$$y = 0.0048 * x + 2.7546E-005$$

$$R = 0.9999$$

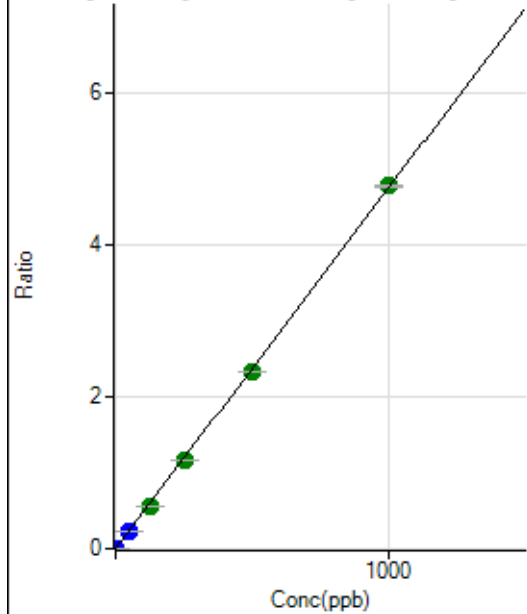
$$DL = 0.001262$$

$$BEC = 0.005713$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	352.80	0.0000	P	33.3
2	☐	0.100					
3	☐	1.000	0.865	62537.82	0.0041	P	1.0
4	☐	50.000	46.490	3329905.13	0.2208	P	0.9
5	☐	125.000	117.872	8210107.13	0.5598	A	0.3
6	☐	250.000	244.418	16189673.10	1.1608	A	0.6
7	☐	500.000	491.768	31444270.84	2.3354	A	0.5
8	☐	1000.000	1006.578	63914684.07	4.7802	A	0.4
9	☐			12058.85	0.0010	P	2.8

$$y = 0.0047 * x + 2.2990E-005$$

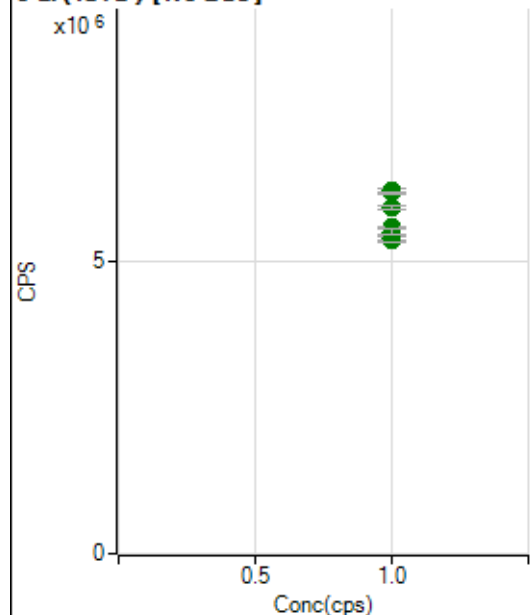
$$R = 0.9999$$

$$DL = 0.00484$$

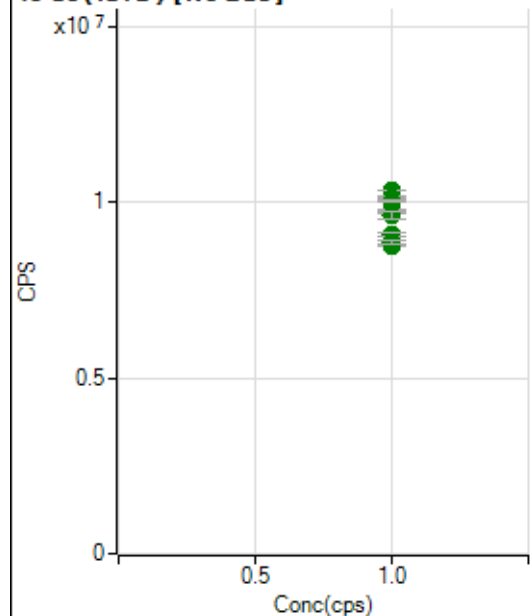
$$BEC = 0.004841$$

Weight: <None>

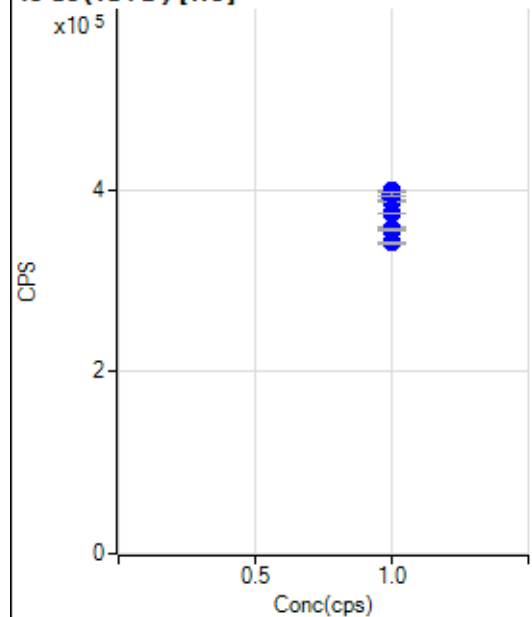
Min Conc: 0

6 Li (ISTD) [No Gas]

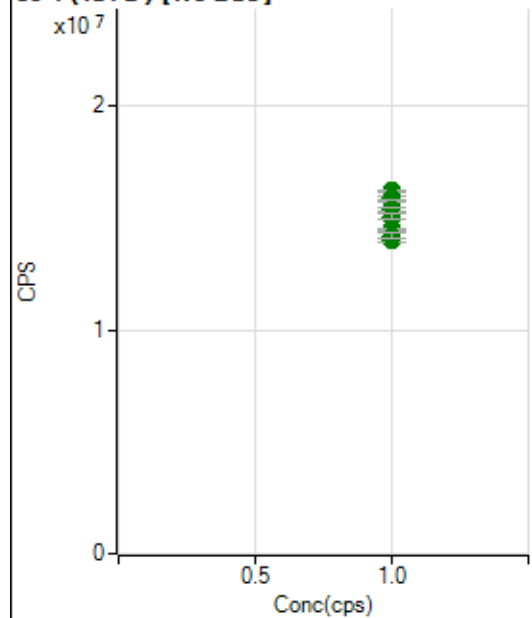
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	1.000		6157781.78		A	0.7
2	☐	1.000					
3	☐	1.000		6190259.77		A	0.9
4	☐	1.000		6157163.87		A	0.6
5	☐	1.000		5913754.70		A	1.1
6	☐	1.000		5563548.53		A	0.4
7	☐	1.000		5343898.32		A	0.7
8	☐	1.000		5368800.58		A	1.9
9	☐	1.000		5495419.71		A	1.5

45 Sc (ISTD) [No Gas]

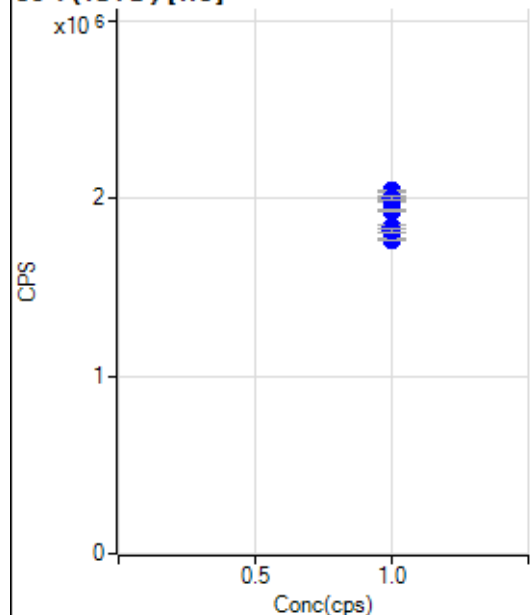
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	1.000		10318730.01		A	0.0
2	☐	1.000					
3	☐	1.000		10142727.48		A	0.9
4	☐	1.000		10024579.48		A	0.7
5	☐	1.000		9758085.11		A	1.0
6	☐	1.000		9077391.87		A	1.4
7	☐	1.000		8770430.49		A	0.8
8	☐	1.000		8853213.65		A	1.6
9	☐	1.000		9624066.80		A	2.1

45 Sc (ISTD) [He]

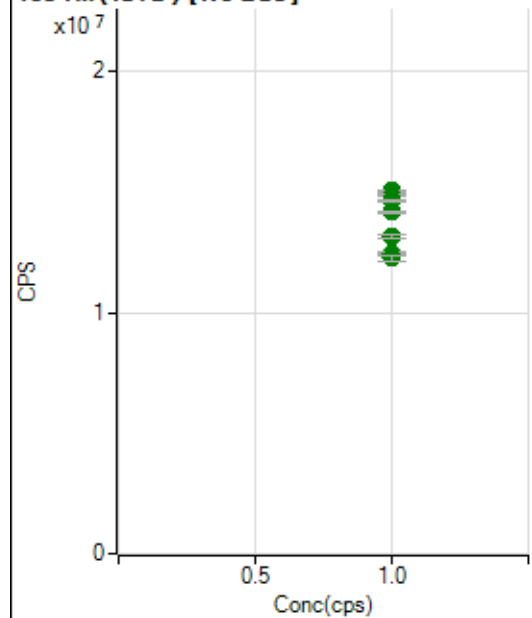
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	1.000		398438.58		P	0.7
2	☐	1.000					
3	☐	1.000		390562.78		P	0.8
4	☐	1.000		386492.16		P	0.4
5	☐	1.000		373348.41		P	0.0
6	☐	1.000		356723.87		P	0.9
7	☐	1.000		341693.50		P	0.8
8	☐	1.000		355554.75		P	0.8
9	☐	1.000		394692.39		P	0.9

89 Y (ISTD) [No Gas]

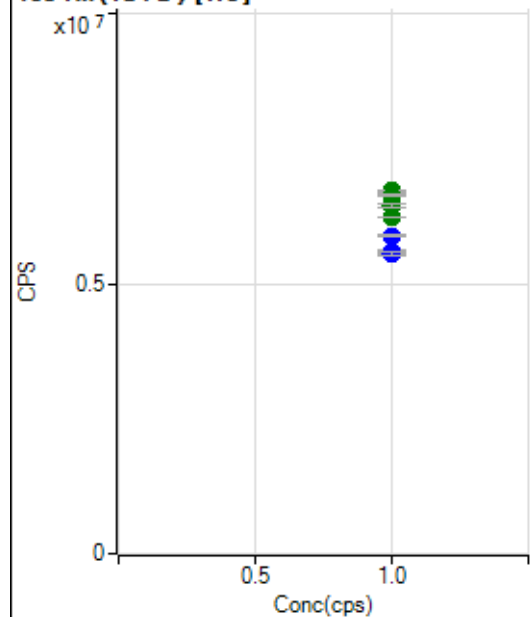
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	1.000		16210360.87		A	0.5
2	☐	1.000					
3	☐	1.000		15902458.23		A	0.7
4	☐	1.000		15770777.13		A	0.7
5	☐	1.000		15400796.86		A	1.0
6	☐	1.000		14514580.76		A	0.6
7	☐	1.000		14008155.21		A	1.3
8	☐	1.000		14208673.12		A	1.7
9	☐	1.000		15041924.22		A	1.8

89 Y(ISTD) [He]

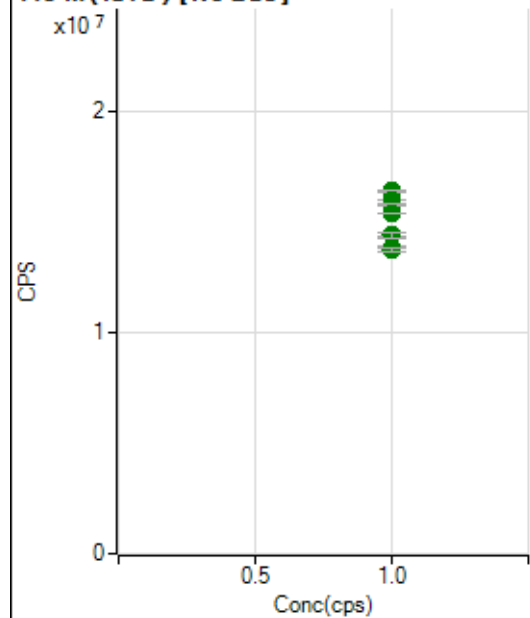
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	1.000		2041937.47		P	0.3
2	☐	1.000					
3	☐	1.000		2006123.64		P	0.3
4	☐	1.000		1983967.61		P	0.3
5	☐	1.000		1929423.01		P	0.3
6	☐	1.000		1840410.20		P	0.7
7	☐	1.000		1767594.33		P	0.8
8	☐	1.000		1817695.06		P	1.2
9	☐	1.000		1999656.22		P	1.0

103 Rh(ISTD) [No Gas]

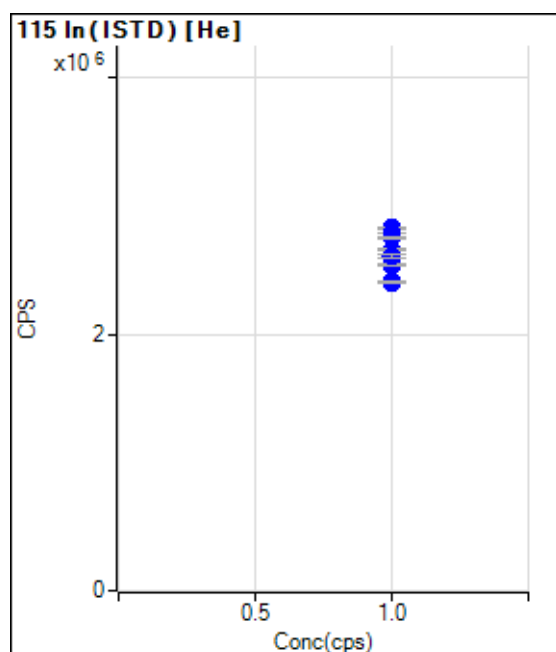
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	1.000		15042424.12		A	0.4
2	☐	1.000					
3	☐	1.000		14848483.32		A	0.7
4	☐	1.000		14662359.88		A	0.5
5	☐	1.000		14183557.09		A	0.5
6	☐	1.000		13146642.22		A	1.2
7	☐	1.000		12476153.84		A	1.0
8	☐	1.000		12419303.66		A	1.6
9	☐	1.000		12263983.78		A	1.8

103 Rh (ISTD) [He]

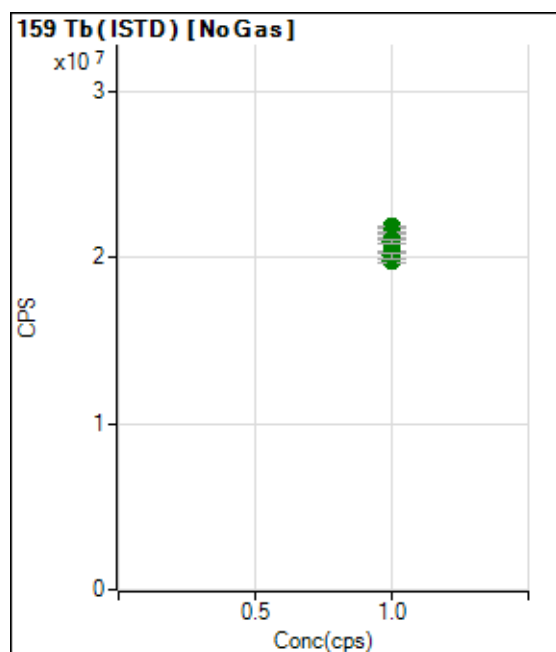
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	1.000		6725913.16		A	0.8
2	☐	1.000					
3	☐	1.000		6647867.89		A	0.4
4	☐	1.000		6449957.13		A	0.7
5	☐	1.000		6233641.57		A	0.2
6	☐	1.000		5898945.88		P	0.9
7	☐	1.000		5588854.64		P	1.0
8	☐	1.000		5594485.61		P	0.6
9	☐	1.000		5562702.97		P	1.1

115 In (ISTD) [No Gas]

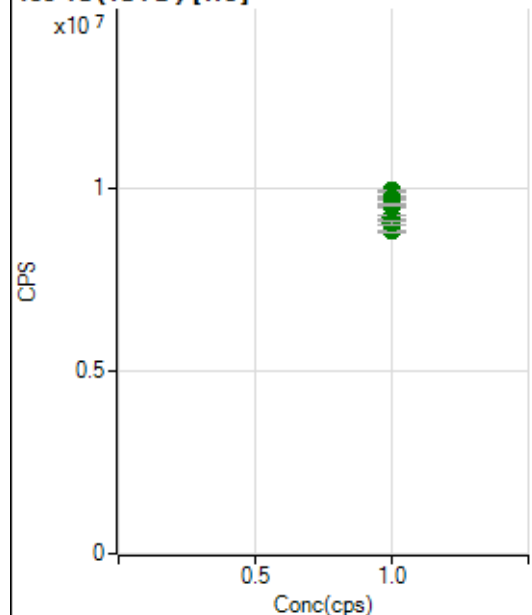
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	1.000		16412601.29		A	0.4
2	☐	1.000					
3	☐	1.000		16022932.26		A	0.3
4	☐	1.000		15829333.78		A	0.5
5	☐	1.000		15393680.01		A	0.5
6	☐	1.000		14438761.80		A	0.8
7	☐	1.000		13868017.28		A	1.0
8	☐	1.000		13780101.09		A	1.2
9	☐	1.000		14428242.37		A	1.7



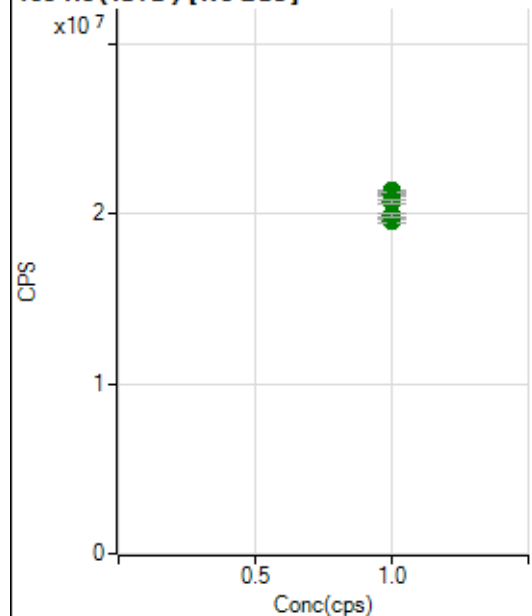
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	1.000		2831099.89		P	0.8
2	☐	1.000					
3	☐	1.000		2791195.35		P	0.2
4	☐	1.000		2755493.34		P	0.5
5	☐	1.000		2662421.21		P	0.3
6	☐	1.000		2540654.61		P	0.9
7	☐	1.000		2409526.42		P	1.1
8	☐	1.000		2407927.43		P	1.2
9	☐	1.000		2611129.20		P	0.9



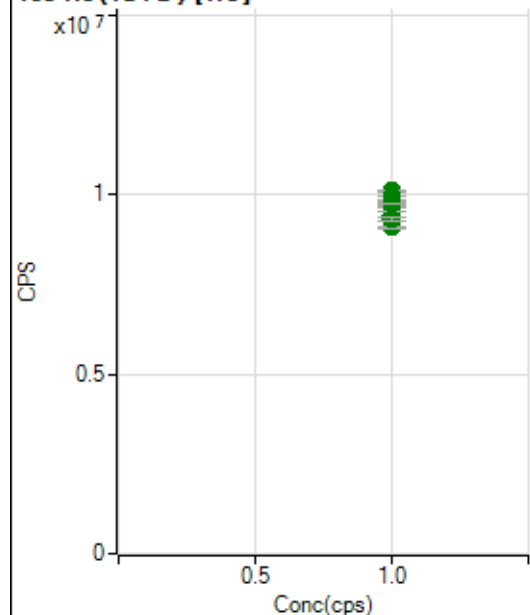
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	1.000		21825108.57		A	0.5
2	☐	1.000					
3	☐	1.000		21476223.85		A	0.6
4	☐	1.000		21463875.79		A	0.3
5	☐	1.000		21107106.08		A	0.1
6	☐	1.000		20357656.36		A	0.4
7	☐	1.000		19816209.70		A	1.4
8	☐	1.000		20119054.84		A	1.7
9	☐	1.000		20962975.80		A	1.4

159 Tb (ISTD) [He]

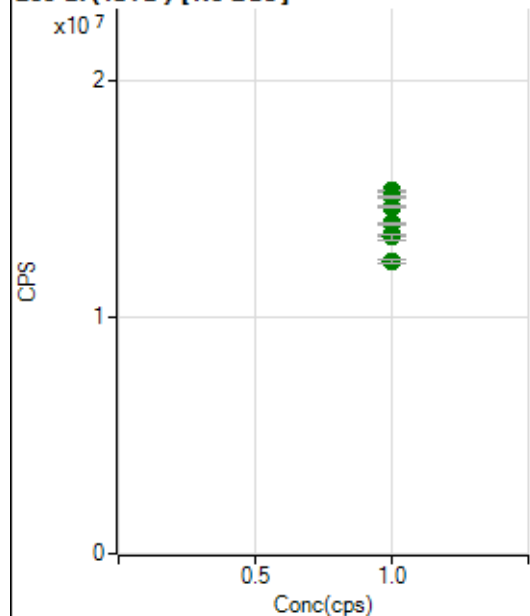
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	1.000		9936999.22		A	0.3
2	☐	1.000					
3	☐	1.000		9766198.12		A	0.4
4	☐	1.000		9695815.55		A	0.3
5	☐	1.000		9509245.69		A	0.1
6	☐	1.000		9218047.08		A	1.4
7	☐	1.000		8842271.81		A	0.5
8	☐	1.000		9078521.88		A	1.0
9	☐	1.000		9579727.84		A	0.6

165 Ho (ISTD) [No Gas]

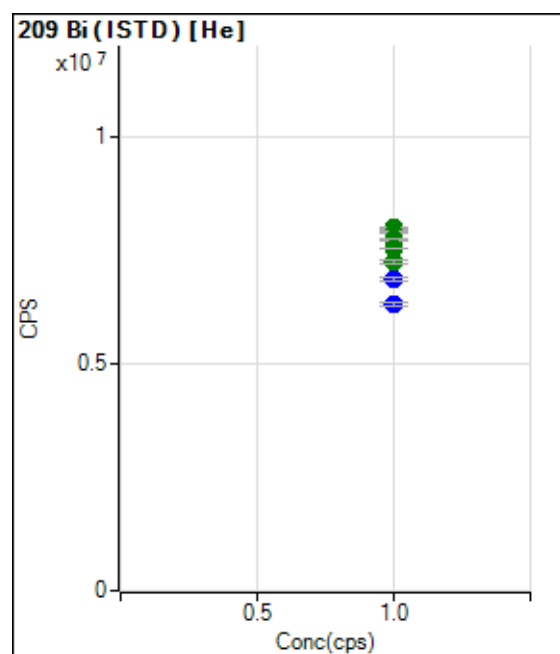
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	1.000		21342874.09		A	0.4
2	☐	1.000					
3	☐	1.000		21135786.41		A	0.4
4	☐	1.000		21165292.49		A	0.8
5	☐	1.000		20810834.14		A	0.2
6	☐	1.000		19960327.36		A	1.1
7	☐	1.000		19588820.75		A	1.4
8	☐	1.000		19890602.00		A	0.9
9	☐	1.000		20731007.41		A	1.1

165 Ho (ISTD) [He]

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	1.000		10095791.66		A	0.7
2	☐	1.000					
3	☐	1.000		9960631.52		A	0.3
4	☐	1.000		9840488.19		A	0.7
5	☐	1.000		9671173.40		A	0.3
6	☐	1.000		9444065.14		A	1.4
7	☐	1.000		9074812.64		A	0.8
8	☐	1.000		9317448.19		A	1.0
9	☐	1.000		9740829.65		A	0.2

209 Bi (ISTD) [No Gas]

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	1.000		15332057.41		A	0.4
2	☐	1.000					
3	☐	1.000		15133781.03		A	0.2
4	☐	1.000		15081790.05		A	0.8
5	☐	1.000		14666477.56		A	0.6
6	☐	1.000		13947879.37		A	0.6
7	☐	1.000		13464533.41		A	0.9
8	☐	1.000		13371312.44		A	1.6
9	☐	1.000		12336327.59		A	0.9



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	1.000		7980634.19		A	0.5
2	☐	1.000					
3	☐	1.000		7871493.35		A	0.5
4	☐	1.000		7724316.83		A	0.2
5	☐	1.000		7542103.57		A	0.0
6	☐	1.000		7250846.28		A	1.2
7	☐	1.000		6849952.05		M	0.9
8	☐	1.000		6838688.23		P	1.2
9	☐	1.000		6307307.62		P	1.1

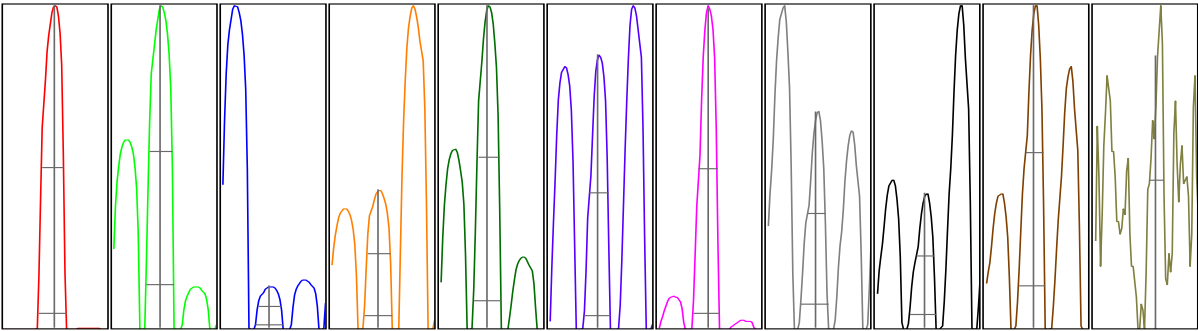
US EPA Tune Check Sample Report

Batch Folder D:\ICP-MS Data\P7110218.b
Report Comment
Instrument Name G8403A JP14410463

[No Gas]				
Mass	Count	RSD%	RSD%	RSD%
	(Mean)	(Actual)	(Required)	(Flag)
9	26815	0.24	5.00	
24	191352	0.32	5.00	
25	25548	0.52	5.00	
26	30651	0.44	5.00	
59	166846	0.47	5.00	
113	20957	0.21	5.00	
115	242394	0.36	5.00	
206	66993	0.66	5.00	
207	63648	0.18	5.00	
208	145443	0.32	5.00	
220	3	16.87		

Mass	Replicate 1 Count	Replicate 2 Count	Replicate 3 Count	Replicate 4 Count	Replicate 5 Count
9	26807	26828	26739	26789	26913
24	191041	191948	191799	190441	191530
25	25430	25768	25520	25458	25564
26	30564	30816	30770	30503	30601
59	166050	167579	167177	165942	167480
113	20998	20952	20884	20966	20987
115	241001	243161	242242	243138	242426
206	66336	67182	67332	66759	67358
207	63744	63606	63465	63716	63708
208	145772	144982	146038	144996	145426
220	3	4	3	3	3

Integration Time [sec] = 0.1



Mass	Peak Height	Axis (Actual)	Axis (Required)	Axis (Flag)	Width-X% (Actual)	Width-X% (Required)	Width- X% (Flag)
9	44360	9.00	8.9 - 9.1		0.821	0.900	
24	299558	23.90	23.9 - 24.1		0.803	0.900	
25	39707	24.90	24.9 - 25.1		0.791	0.900	
26	45917	25.90	25.9 - 26.1		0.812	0.900	
59	278080	58.90	58.9 - 59.1		0.802	0.900	
113	40101	112.95	112.9 - 113.1		0.754	0.900	
115	463185	115.00	114.9 - 115.1		0.763	0.900	
206	127383	205.95	205.9 - 206.1		0.774	0.900	
207	116450	206.95	206.9 - 207.1		0.757	0.900	
208	277237	207.95	207.9 - 208.1		0.758	0.900	
220	4	220.35	-				

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

Tune Parameters

Plasma Paramters

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

Lenses Parameters

ParameterName	Value	Unit	ParameterName	Value	Unit	ParameterName	Value	Unit
Extract 1	0.0	V	Omega Lens	6.4	V	Deflect	13.8	V
Extract 2	-115.0	V	Cell Entrance	-30	V	Plate Bias	-35	V
Omega Bias	-60	V	Cell Exit	-50	V			

Cell Parameters

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

[He]

Mass	Count	RSD%	RSD%
	(Mean)	(Actual)	(Required)
59	38246	0.83	
89	18821	0.61	
205	53500	0.34	

Mass	Replicate 1 Count	Replicate 2 Count	Replicate 3 Count	Replicate 4 Count	Replicate 5 Count
59	38499	38512	38231	37727	38258
89	18907	18904	18879	18637	18778
205	53625	53438	53644	53208	53586

Integration Time [sec] = 0.1

Tune Parameters

Plasma Paramters

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

Lenses Parameters

ParameterName	Value	Unit	ParameterName	Value	Unit	ParameterName	Value	Unit
Extract 1	0.0	V	Omega Lens	6.5	V	Deflect	2.0	V
Extract 2	-105.0	V	Cell Entrance	-40	V	Plate Bias	-60	V
Omega Bias	-55	V	Cell Exit	-60	V			

Cell Parameters

ParameterName	Value	Unit	ParameterName	Value	Unit	ParameterName	Value	Unit
Use Gas	Yes		OctP Bias	-18.0	V	Energy Discrimination		5.0 V
He Flow	4.1	mL/min	OctP RF	200	V			

LB Number :	LB99065	Operator :	Jaswal
Lab Sample ID :	S0	Instrumnet Name :	P7
Client Sample ID :	S0	Dilution Factor :	1
Date & Time Acquired ::	2018-11-02 17:47:25	DataFile Name :	003CALB_P7110218.D

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	-0.01	0.28	-0.26	0.00	N/A	ppb
Antimony	121-1	0.00	0.00	0.00	0.00	N/A	ppb
Arsenic	75-2	-0.01	-0.01	0.02	0.00	N/A	ppb
Barium	135-1	0.00	-0.01	0.00	0.00	N/A	ppb
Barium	137-1	0.00	-0.01	0.00	0.00	N/A	ppb
Beryllium	9-1	0.00	0.00	0.00	0.00	N/A	ppb
Bismuth	209-1				100		%
Bismuth	209-2				100		%
Boron	10-1	0.07	-0.05	-0.02	0.00	N/A	ppb
Boron	11-1	0.00	0.01	-0.01	0.00	N/A	ppb
Cadmium	111-1	0.01	0.01	-0.01	0.00	N/A	ppb
Cadmium	106-1	-0.03	0.21	-0.18	0.00	N/A	ppb
Cadmium	108-1	-0.02	-0.03	0.06	0.00	N/A	ppb
Calcium	43-1	0.10	-0.62	0.52	0.00	N/A	ppb
Calcium	44-1	0.28	-0.52	0.24	0.00	N/A	ppb
Chromium	52-2	-0.01	0.00	0.01	0.00	N/A	ppb
Cobalt	59-2	0.00	0.00	0.00	0.00	N/A	ppb
Copper	63-2	0.01	0.00	-0.01	0.00	N/A	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				100		%
Holmium	165-2				100		%
Indium	115-1				100		%
Indium	115-2				100		%
Iron	56-2	-0.02	0.00	0.02	0.00	N/A	ppb
Iron	57-2	0.35	-0.23	-0.12	0.00	N/A	ppb
Krypton	83-1						cps
Lead	206-1	0.00	0.00	0.00	0.00	N/A	ppb
Lead	207-1	0.00	0.00	0.00	0.00	N/A	ppb
Lead	208-1	0.00	0.00	0.00	0.00	N/A	ppb
Lithium	6-1				100		%
Magnesium	24-2	0.15	-0.15	0.01	0.00	N/A	ppb

LB Number :	LB99065	Operator :	Jaswal
Lab Sample ID :	S0	Instrumnet Name :	P7
Client Sample ID :	S0	Dilution Factor :	1
Date & Time Acquired ::	2018-11-02 17:47:25	DataFile Name :	003CALB_P7110218.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	0.00	-0.01	0.01	0.00	N/A	ppb
Molybdenum	95-1	0.01	0.00	0.00	0.00	N/A	ppb
Molybdenum	96-1	0.00	0.00	0.00	0.00	N/A	ppb
Molybdenum	97-1	0.00	0.01	-0.01	0.00	N/A	ppb
Molybdenum	98-1	0.00	0.00	0.00	0.00	N/A	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	-0.01	-0.01	0.02	0.00	N/A	ppb
Phosphorus	31-2	-0.08	-6.35	-3.79	-3.41		ppb
Potassium	39-2	0.10	-0.87	0.77	0.00	N/A	ppb
Rhodium	103-1				100		%
Rhodium	103-2				100		%
Scandium	45-1				100		%
Scandium	45-2				100		%
Selenium	77-2	0.30	-0.81	0.51	0.00	N/A	ppb
Selenium	78-2	-0.18	0.18	0.00	0.00	N/A	ppb
Selenium	82-1	-0.19	0.19	0.00	0.00	N/A	ppb
Silicon	28-1	0.42	-0.13	-0.29	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	0.23	-0.03	-0.20	0.00	N/A	ppb
Strontium	86-1	0.01	-0.02	0.01	0.00	N/A	ppb
Strontium	88-1	0.00	0.00	0.00	0.00	N/A	ppb
Sulfur	34-1	-163.22	-164.49	-104.08	-143.93		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	0.01	0.00	-0.01	0.00	N/A	ppb
Titanium	47-1	-0.02	0.02	0.00	0.00	N/A	ppb
Uranium	238-1	0.00	0.00	0.00	0.00	N/A	ppb
Vanadium	51-2	0.00	0.00	0.00	0.00	N/A	ppb
Yttrium	89-1				100		%
Yttrium	89-2				100		%

LB Number :	LB99065	Operator :	Jaswal
Lab Sample ID :	S0	Instrumnet Name :	P7
Client Sample ID :	S0	Dilution Factor :	1
Date & Time Acquired ::	2018-11-02 17:47:25	DataFile Name :	003CALB_P7110218.D

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

LB Number :	LB99065	Operator :	Jaswal
Lab Sample ID :	S2	Instrumnet Name :	P7
Client Sample ID :	S2	Dilution Factor :	1
Date & Time Acquired ::	2018-11-02 17:55:51	DataFile Name :	005CALS_P7110218.D

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	20.21	18.46	18.45	19.04	5.34	ppb
Antimony	121-1	1.94	1.96	1.95	1.95	0.69	ppb
Arsenic	75-2	0.93	1.02	1.01	0.99	5.08	ppb
Barium	135-1	9.32	9.32	9.42	9.36	0.62	ppb
Barium	137-1	9.47	9.32	9.37	9.39	0.76	ppb
Beryllium	9-1	0.98	1.07	0.95	1.00	6.04	ppb
Bismuth	209-1				99		%
Bismuth	209-2				99		%
Boron	10-1	22.31	23.02	23.42	22.92	2.45	ppb
Boron	11-1	22.57	22.38	23.02	22.66	1.44	ppb
Cadmium	111-1	1.06	1.04	1.11	1.07	3.11	ppb
Cadmium	106-1	1.79	0.92	2.08	1.60	37.66	ppb
Cadmium	108-1	0.88	1.09	0.92	0.96	11.21	ppb
Calcium	43-1	440.07	449.52	447.81	445.80	1.13	ppb
Calcium	44-1	446.07	437.69	446.70	443.48	1.13	ppb
Chromium	52-2	2.05	2.03	2.06	2.05	0.75	ppb
Cobalt	59-2	0.96	1.05	1.00	1.01	4.34	ppb
Copper	63-2	2.05	2.13	2.13	2.10	2.23	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				99		%
Holmium	165-2				99		%
Indium	115-1				98		%
Indium	115-2				99		%
Iron	56-2	49.89	50.31	50.87	50.36	0.98	ppb
Iron	57-2	49.53	53.90	52.43	51.95	4.27	ppb
Krypton	83-1						cps
Lead	206-1	0.90	0.93	0.93	0.92	1.48	ppb
Lead	207-1	0.94	0.92	0.93	0.93	1.00	ppb
Lead	208-1	0.92	0.92	0.93	0.92	0.66	ppb
Lithium	6-1				101		%
Magnesium	24-2	474.94	477.75	485.77	479.49	1.17	ppb

LB Number :	LB99065	Operator :	Jaswal
Lab Sample ID :	S2	Instrumnet Name :	P7
Client Sample ID :	S2	Dilution Factor :	1
Date & Time Acquired ::	2018-11-02 17:55:51	DataFile Name :	005CAL5_P7110218.D

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	1.05	1.01	1.02	1.03	1.95	ppb
Molybdenum	94-1	4.85	4.70	4.70	4.75	1.81	ppb
Molybdenum	95-1	4.71	4.58	4.64	4.64	1.44	ppb
Molybdenum	96-1	4.53	4.60	4.67	4.60	1.57	ppb
Molybdenum	97-1	4.74	4.62	4.63	4.67	1.43	ppb
Molybdenum	98-1	4.63	4.67	4.65	4.65	0.38	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	1.16	1.11	1.13	1.13	2.12	ppb
Phosphorus	31-2	5.09	2.97	2.16	3.41	44.33	ppb
Potassium	39-2	457.16	468.54	471.18	465.62	1.60	ppb
Rhodium	103-1				99		%
Rhodium	103-2				99		%
Scandium	45-1				98		%
Scandium	45-2				98		%
Selenium	77-2	5.45	3.90	4.32	4.55	17.63	ppb
Selenium	78-2	6.09	5.54	5.28	5.64	7.33	ppb
Selenium	82-1	5.47	5.55	5.19	5.40	3.45	ppb
Silicon	28-1	14.78	14.51	14.75	14.68	1.01	ppb
Silver	109-1	1.02	1.04	1.03	1.03	0.95	ppb
Silver	107-1	1.04	1.02	1.02	1.03	1.13	ppb
Sodium	23-2	472.55	470.85	471.11	471.50	0.19	ppb
Strontium	86-1	0.94	0.93	1.04	0.97	6.00	ppb
Strontium	88-1	0.95	0.97	0.95	0.96	0.98	ppb
Sulfur	34-1	200.14	94.36	137.30	143.93	36.96	ppb
Terbium	159-1				98		%
Terbium	159-2				98		%
Thallium	203-1	0.92	0.89	0.92	0.91	1.53	ppb
Thallium	205-1	0.91	0.91	0.91	0.91	0.31	ppb
Thorium	232-1	0.85	0.85	0.85	0.85	0.31	ppb
Tin	118-1	4.97	4.90	5.02	4.96	1.15	ppb
Titanium	47-1	5.09	4.47	4.78	4.78	6.45	ppb
Uranium	238-1	0.86	0.86	0.87	0.87	1.02	ppb
Vanadium	51-2	4.64	4.81	4.80	4.75	2.03	ppb
Yttrium	89-1				98		%
Yttrium	89-2				98		%

LB Number :	LB99065	Operator :	Jaswal
Lab Sample ID :	S2	Instrumnet Name :	P7
Client Sample ID :	S2	Dilution Factor :	1
Date & Time Acquired ::	2018-11-02 17:55:51	DataFile Name :	005CALS_P7110218.D

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zinc	66-2	2.59	2.47	2.66	2.57	3.71	ppb
Zirconium	90-1	0.95	0.97	0.95	0.96	0.95	ppb
Zirconium	91-1	0.96	0.97	0.97	0.96	0.87	ppb

LB Number :	LB99065	Operator :	Jaswal
Lab Sample ID :	S3	Instrumnet Name :	P7
Client Sample ID :	S3	Dilution Factor :	1
Date & Time Acquired ::	2018-11-02 17:59:45	DataFile Name :	006CAL5_P7110218.D

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	969.55	980.61	988.76	979.64	0.98	ppb
Antimony	121-1	52.88	52.50	53.13	52.84	0.60	ppb
Arsenic	75-2	53.42	53.73	53.32	53.49	0.40	ppb
Barium	135-1	258.50	259.45	259.40	259.12	0.21	ppb
Barium	137-1	257.80	258.69	259.37	258.62	0.30	ppb
Beryllium	9-1	53.51	53.97	53.73	53.74	0.43	ppb
Bismuth	209-1				98		%
Bismuth	209-2				97		%
Boron	10-1	49.85	49.99	51.02	50.28	1.28	ppb
Boron	11-1	47.83	49.13	49.71	48.89	1.97	ppb
Cadmium	111-1	55.43	55.87	55.70	55.67	0.40	ppb
Cadmium	106-1	54.75	55.90	55.19	55.28	1.05	ppb
Cadmium	108-1	56.67	55.78	57.16	56.54	1.24	ppb
Calcium	43-1	4801.99	4867.83	4875.51	4848.44	0.83	ppb
Calcium	44-1	4755.76	4824.24	4832.69	4804.23	0.88	ppb
Chromium	52-2	51.83	51.92	51.50	51.75	0.42	ppb
Cobalt	59-2	53.25	53.19	52.73	53.06	0.54	ppb
Copper	63-2	109.68	109.54	108.67	109.30	0.50	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				99		%
Holmium	165-2				97		%
Indium	115-1				96		%
Indium	115-2				97		%
Iron	56-2	2642.79	2636.86	2608.15	2629.27	0.70	ppb
Iron	57-2	2638.11	2657.46	2627.13	2640.90	0.58	ppb
Krypton	83-1						cps
Lead	206-1	48.12	49.30	49.40	48.94	1.46	ppb
Lead	207-1	48.57	49.23	48.94	48.91	0.68	ppb
Lead	208-1	48.29	49.26	49.23	48.92	1.12	ppb
Lithium	6-1				100		%
Magnesium	24-2	5154.00	5180.45	5222.65	5185.70	0.67	ppb

LB Number :	LB99065	Operator :	Jaswal
Lab Sample ID :	S3	Instrumnet Name :	P7
Client Sample ID :	S3	Dilution Factor :	1
Date & Time Acquired ::	2018-11-02 17:59:45	DataFile Name :	006CAL5_P7110218.D

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	104.23	103.56	102.73	103.51	0.73	ppb
Molybdenum	94-1	247.65	251.60	250.17	249.81	0.80	ppb
Molybdenum	95-1	247.74	250.88	250.36	249.66	0.67	ppb
Molybdenum	96-1	247.99	249.48	250.45	249.30	0.50	ppb
Molybdenum	97-1	248.14	250.33	251.29	249.92	0.65	ppb
Molybdenum	98-1	248.24	250.33	250.62	249.73	0.52	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	53.91	53.27	53.62	53.60	0.60	ppb
Phosphorus	31-2	1050.23	1095.80	1019.16	1055.06	3.65	ppb
Potassium	39-2	2464.15	2483.84	2475.97	2474.65	0.40	ppb
Rhodium	103-1				97		%
Rhodium	103-2				96		%
Scandium	45-1				97		%
Scandium	45-2				97		%
Selenium	77-2	56.91	63.79	55.24	58.65	7.72	ppb
Selenium	78-2	57.11	56.63	60.75	58.16	3.88	ppb
Selenium	82-1	57.20	57.65	57.81	57.55	0.55	ppb
Silicon	28-1	57.75	59.16	59.89	58.93	1.84	ppb
Silver	109-1	55.42	55.18	55.39	55.33	0.24	ppb
Silver	107-1	55.12	55.73	55.76	55.54	0.65	ppb
Sodium	23-2	5029.70	5031.27	5095.91	5052.29	0.75	ppb
Strontium	86-1	49.35	49.83	50.60	49.93	1.27	ppb
Strontium	88-1	50.28	50.37	50.34	50.33	0.09	ppb
Sulfur	34-1	1126.65	1162.83	1167.60	1152.36	1.94	ppb
Terbium	159-1				98		%
Terbium	159-2				98		%
Thallium	203-1	48.37	49.10	49.18	48.88	0.92	ppb
Thallium	205-1	48.48	49.40	49.26	49.05	1.00	ppb
Thorium	232-1	46.07	46.37	46.64	46.36	0.62	ppb
Tin	118-1	52.22	52.26	52.35	52.28	0.13	ppb
Titanium	47-1	251.87	252.57	253.50	252.65	0.32	ppb
Uranium	238-1	46.05	46.53	46.90	46.49	0.92	ppb
Vanadium	51-2	50.85	50.55	50.66	50.69	0.30	ppb
Yttrium	89-1				97		%
Yttrium	89-2				97		%

LB Number :	LB99065	Operator :	Jaswal
Lab Sample ID :	S3	Instrumnet Name :	P7
Client Sample ID :	S3	Dilution Factor :	1
Date & Time Acquired ::	2018-11-02 17:59:45	DataFile Name :	006CALS_P7110218.D

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zinc	66-2	116.34	116.06	116.10	116.17	0.13	ppb
Zirconium	90-1	49.06	50.03	50.32	49.80	1.32	ppb
Zirconium	91-1	48.96	49.57	49.50	49.34	0.68	ppb

LB Number :	LB99065	Operator :	Jaswal
Lab Sample ID :	S4	Instrumnet Name :	P7
Client Sample ID :	S4	Dilution Factor :	1
Date & Time Acquired ::	2018-11-02 18:03:51	DataFile Name :	007CAL5_P7110218.D

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	2452.84	2454.59	2455.50	2454.31	0.06	ppb
Antimony	121-1	132.70	133.53	132.37	132.86	0.45	ppb
Arsenic	75-2	131.50	130.93	131.44	131.29	0.24	ppb
Barium	135-1	650.16	655.84	647.60	651.20	0.65	ppb
Barium	137-1	649.11	651.22	647.53	649.29	0.29	ppb
Beryllium	9-1	133.46	134.12	135.09	134.23	0.61	ppb
Bismuth	209-1				96		%
Bismuth	209-2				95		%
Boron	10-1	124.09	124.39	129.39	125.96	2.36	ppb
Boron	11-1	121.61	126.04	126.79	124.81	2.24	ppb
Cadmium	111-1	138.95	138.57	138.88	138.80	0.15	ppb
Cadmium	106-1	136.00	135.10	137.09	136.06	0.73	ppb
Cadmium	108-1	138.83	140.54	137.72	139.03	1.02	ppb
Calcium	43-1	12240.84	12169.49	12192.03	12200.79	0.30	ppb
Calcium	44-1	12069.85	12004.58	11996.40	12023.61	0.33	ppb
Chromium	52-2	129.65	129.36	129.28	129.43	0.15	ppb
Cobalt	59-2	132.85	132.92	132.36	132.71	0.23	ppb
Copper	63-2	270.85	270.30	271.14	270.76	0.16	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				98		%
Holmium	165-2				96		%
Indium	115-1				94		%
Indium	115-2				94		%
Iron	56-2	6615.43	6571.93	6611.54	6599.63	0.36	ppb
Iron	57-2	6644.14	6650.56	6648.49	6647.73	0.05	ppb
Krypton	83-1						cps
Lead	206-1	124.23	124.55	125.44	124.74	0.51	ppb
Lead	207-1	123.94	125.17	125.42	124.84	0.63	ppb
Lead	208-1	124.26	125.08	125.28	124.87	0.43	ppb
Lithium	6-1				96		%
Magnesium	24-2	12974.18	13018.61	12993.79	12995.53	0.17	ppb

LB Number :	LB99065	Operator :	Jaswal
Lab Sample ID :	S4	Instrumnet Name :	P7
Client Sample ID :	S4	Dilution Factor :	1
Date & Time Acquired ::	2018-11-02 18:03:51	DataFile Name :	007CAL5_P7110218.D

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	260.55	256.42	259.10	258.69	0.81	ppb
Molybdenum	94-1	628.58	632.55	630.22	630.45	0.32	ppb
Molybdenum	95-1	629.35	633.59	633.79	632.25	0.40	ppb
Molybdenum	96-1	632.35	633.62	635.85	633.94	0.28	ppb
Molybdenum	97-1	631.77	633.73	637.31	634.27	0.44	ppb
Molybdenum	98-1	620.09	625.14	627.52	624.25	0.61	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	132.54	133.92	133.12	133.20	0.52	ppb
Phosphorus	31-2	2705.15	2651.01	2685.82	2680.66	1.02	ppb
Potassium	39-2	6160.88	6124.41	6159.02	6148.10	0.33	ppb
Rhodium	103-1				94		%
Rhodium	103-2				93		%
Scandium	45-1				95		%
Scandium	45-2				94		%
Selenium	77-2	135.18	138.96	146.14	140.09	3.97	ppb
Selenium	78-2	140.59	146.15	142.85	143.20	1.95	ppb
Selenium	82-1	141.10	142.93	142.79	142.27	0.72	ppb
Silicon	28-1	143.86	145.63	148.04	145.85	1.44	ppb
Silver	109-1	138.25	137.37	136.88	137.50	0.51	ppb
Silver	107-1	136.87	138.57	136.28	137.24	0.87	ppb
Sodium	23-2	12710.90	12793.17	12806.04	12770.04	0.40	ppb
Strontium	86-1	126.32	127.81	126.86	126.99	0.59	ppb
Strontium	88-1	124.63	125.22	125.71	125.19	0.43	ppb
Sulfur	34-1	2681.23	2689.29	2701.99	2690.84	0.39	ppb
Terbium	159-1				97		%
Terbium	159-2				96		%
Thallium	203-1	124.11	125.00	124.92	124.68	0.39	ppb
Thallium	205-1	123.92	125.20	125.54	124.89	0.68	ppb
Thorium	232-1	118.01	117.34	117.73	117.70	0.29	ppb
Tin	118-1	131.99	131.77	131.39	131.72	0.23	ppb
Titanium	47-1	635.90	637.37	643.51	638.93	0.63	ppb
Uranium	238-1	117.53	117.98	118.11	117.87	0.26	ppb
Vanadium	51-2	126.81	127.66	127.07	127.18	0.34	ppb
Yttrium	89-1				95		%
Yttrium	89-2				94		%

LB Number :	LB99065	Operator :	Jaswal
Lab Sample ID :	S4	Instrumnet Name :	P7
Client Sample ID :	S4	Dilution Factor :	1
Date & Time Acquired ::	2018-11-02 18:03:51	DataFile Name :	007CALS_P7110218.D

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zinc	66-2	284.14	284.20	284.32	284.22	0.03	ppb
Zirconium	90-1	126.30	126.20	126.15	126.21	0.06	ppb
Zirconium	91-1	125.05	126.20	125.85	125.70	0.47	ppb

LB Number :	LB99065	Operator :	Jaswal
Lab Sample ID :	S5	Instrumnet Name :	P7
Client Sample ID :	S5	Dilution Factor :	1
Date & Time Acquired ::	2018-11-02 18:07:39	DataFile Name :	008CAL5_P7110218.D

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	4916.33	4852.97	4870.82	4880.04	0.67	ppb
Antimony	121-1	262.77	259.66	259.38	260.61	0.72	ppb
Arsenic	75-2	260.25	257.07	262.15	259.83	0.99	ppb
Barium	135-1	1297.30	1283.76	1281.83	1287.63	0.65	ppb
Barium	137-1	1277.08	1262.96	1252.27	1264.10	0.98	ppb
Beryllium	9-1	265.29	263.47	261.34	263.36	0.75	ppb
Bismuth	209-1				91		%
Bismuth	209-2				91		%
Boron	10-1	247.28	255.12	254.26	252.22	1.70	ppb
Boron	11-1	248.56	251.19	251.43	250.39	0.64	ppb
Cadmium	111-1	269.68	267.58	268.96	268.74	0.40	ppb
Cadmium	106-1	266.79	263.61	264.17	264.86	0.64	ppb
Cadmium	108-1	268.97	267.15	265.75	267.29	0.60	ppb
Calcium	43-1	25150.24	24314.18	24327.17	24597.20	1.95	ppb
Calcium	44-1	24782.07	24119.42	23962.96	24288.15	1.79	ppb
Chromium	52-2	257.82	253.70	256.87	256.13	0.84	ppb
Cobalt	59-2	265.45	259.33	261.60	262.13	1.18	ppb
Copper	63-2	536.07	523.59	528.99	529.55	1.18	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				94		%
Holmium	165-2				94		%
Indium	115-1				88		%
Indium	115-2				90		%
Iron	56-2	13183.36	12987.22	13021.55	13064.04	0.80	ppb
Iron	57-2	13334.89	13046.07	13155.57	13178.84	1.11	ppb
Krypton	83-1						cps
Lead	206-1	253.82	251.51	251.94	252.43	0.49	ppb
Lead	207-1	252.82	254.17	253.00	253.33	0.29	ppb
Lead	208-1	252.16	251.29	250.11	251.19	0.41	ppb
Lithium	6-1				90		%
Magnesium	24-2	26254.49	25810.39	25939.14	26001.34	0.88	ppb

LB Number :	LB99065	Operator :	Jaswal
Lab Sample ID :	S5	Instrumnet Name :	P7
Client Sample ID :	S5	Dilution Factor :	1
Date & Time Acquired ::	2018-11-02 18:07:39	DataFile Name :	008CAL5_P7110218.D

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	519.88	512.04	512.90	514.94	0.83	ppb
Molybdenum	94-1	1262.25	1239.91	1243.80	1248.65	0.96	ppb
Molybdenum	95-1	1270.27	1240.46	1250.83	1253.85	1.21	ppb
Molybdenum	96-1	1274.90	1246.81	1251.01	1257.57	1.20	ppb
Molybdenum	97-1	1269.57	1244.35	1248.96	1254.29	1.07	ppb
Molybdenum	98-1	1266.78	1238.81	1252.66	1252.75	1.12	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	264.59	260.06	262.23	262.29	0.86	ppb
Phosphorus	31-2	5117.20	5234.27	5284.71	5212.06	1.65	ppb
Potassium	39-2	12398.49	12158.27	12217.26	12258.01	1.02	ppb
Rhodium	103-1				87		%
Rhodium	103-2				88		%
Scandium	45-1				88		%
Scandium	45-2				90		%
Selenium	77-2	278.71	252.10	268.37	266.39	5.04	ppb
Selenium	78-2	277.51	266.82	274.18	272.84	2.01	ppb
Selenium	82-1	277.57	275.61	274.09	275.76	0.63	ppb
Silicon	28-1	308.25	302.58	303.13	304.65	1.03	ppb
Silver	109-1	266.77	263.46	263.41	264.55	0.73	ppb
Silver	107-1	265.26	264.57	263.96	264.60	0.25	ppb
Sodium	23-2	25965.17	25395.76	25567.52	25642.82	1.14	ppb
Strontium	86-1	256.75	252.69	252.42	253.95	0.96	ppb
Strontium	88-1	254.88	250.25	250.37	251.83	1.05	ppb
Sulfur	34-1	5416.67	4957.29	4960.04	5111.33	5.17	ppb
Terbium	159-1				93		%
Terbium	159-2				93		%
Thallium	203-1	254.00	250.25	250.12	251.46	0.88	ppb
Thallium	205-1	251.16	246.82	246.81	248.26	1.01	ppb
Thorium	232-1	244.49	243.65	241.09	243.07	0.73	ppb
Tin	118-1	261.92	258.16	257.19	259.09	0.96	ppb
Titanium	47-1	1312.04	1281.74	1264.86	1286.22	1.86	ppb
Uranium	238-1	246.08	243.72	243.45	244.42	0.59	ppb
Vanadium	51-2	254.63	250.46	252.68	252.59	0.83	ppb
Yttrium	89-1				90		%
Yttrium	89-2				90		%

LB Number :	LB99065	Operator :	Jaswal
Lab Sample ID :	S5	Instrumnet Name :	P7
Client Sample ID :	S5	Dilution Factor :	1
Date & Time Acquired ::	2018-11-02 18:07:39	DataFile Name :	008CALS_P7110218.D

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zinc	66-2	550.53	546.79	548.34	548.55	0.34	ppb
Zirconium	90-1	253.69	249.98	247.55	250.41	1.23	ppb
Zirconium	91-1	252.05	250.72	248.96	250.58	0.62	ppb

LB Number :	LB99065	Operator :	Jaswal
Lab Sample ID :	S6	Instrumnet Name :	P7
Client Sample ID :	S6	Dilution Factor :	1
Date & Time Acquired ::	2018-11-02 18:11:24	DataFile Name :	009CAL5_P7110218.D

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	9851.24	9592.58	9749.42	9731.08	1.34	ppb
Antimony	121-1	507.54	507.84	496.95	504.11	1.23	ppb
Arsenic	75-2	510.60	501.22	506.50	506.11	0.93	ppb
Barium	135-1	2531.03	2510.95	2474.91	2505.63	1.13	ppb
Barium	137-1	2515.43	2507.00	2475.30	2499.24	0.85	ppb
Beryllium	9-1	504.10	507.73	501.45	504.43	0.63	ppb
Bismuth	209-1				88		%
Bismuth	209-2				86		%
Boron	10-1	498.40	501.94	502.83	501.06	0.47	ppb
Boron	11-1	487.62	502.01	502.55	497.39	1.70	ppb
Cadmium	111-1	507.12	512.74	500.50	506.79	1.21	ppb
Cadmium	106-1	509.90	515.03	500.19	508.37	1.48	ppb
Cadmium	108-1	508.79	514.16	501.71	508.22	1.23	ppb
Calcium	43-1	48092.93	48737.36	48057.08	48295.79	0.79	ppb
Calcium	44-1	47646.52	48263.23	47632.64	47847.46	0.75	ppb
Chromium	52-2	515.40	503.13	512.90	510.48	1.27	ppb
Cobalt	59-2	520.81	510.97	521.07	517.62	1.11	ppb
Copper	63-2	1047.30	1034.68	1039.38	1040.46	0.61	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				92		%
Holmium	165-2				90		%
Indium	115-1				84		%
Indium	115-2				85		%
Iron	56-2	26254.94	25710.32	25945.86	25970.38	1.05	ppb
Iron	57-2	26496.08	25879.29	26180.71	26185.36	1.18	ppb
Krypton	83-1						cps
Lead	206-1	498.23	497.88	493.80	496.64	0.50	ppb
Lead	207-1	494.31	503.17	495.66	497.71	0.96	ppb
Lead	208-1	495.74	500.98	493.39	496.70	0.78	ppb
Lithium	6-1				87		%
Magnesium	24-2	52307.17	51013.49	51803.53	51708.07	1.26	ppb

LB Number :	LB99065	Operator :	Jaswal
Lab Sample ID :	S6	Instrumnet Name :	P7
Client Sample ID :	S6	Dilution Factor :	1
Date & Time Acquired ::	2018-11-02 18:11:24	DataFile Name :	009CAL5_P7110218.D

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	1028.16	1011.54	1026.08	1021.92	0.89	ppb
Molybdenum	94-1	2492.84	2495.96	2461.53	2483.44	0.77	ppb
Molybdenum	95-1	2506.86	2510.74	2463.86	2493.82	1.04	ppb
Molybdenum	96-1	2506.30	2520.73	2470.99	2499.34	1.02	ppb
Molybdenum	97-1	2507.41	2513.50	2455.99	2492.30	1.27	ppb
Molybdenum	98-1	2503.00	2522.38	2465.07	2496.81	1.17	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	521.44	508.73	519.35	516.51	1.32	ppb
Phosphorus	31-2	10255.00	10084.56	10308.84	10216.14	1.15	ppb
Potassium	39-2	24515.20	23952.80	24374.68	24280.90	1.21	ppb
Rhodium	103-1				83		%
Rhodium	103-2				83		%
Scandium	45-1				85		%
Scandium	45-2				86		%
Selenium	77-2	514.55	472.68	498.99	495.41	4.27	ppb
Selenium	78-2	515.96	507.63	523.60	515.73	1.55	ppb
Selenium	82-1	509.08	518.40	505.78	511.08	1.28	ppb
Silicon	28-1	522.74	535.65	531.14	529.84	1.24	ppb
Silver	109-1	509.58	513.61	498.95	507.38	1.49	ppb
Silver	107-1	510.48	516.93	501.46	509.62	1.52	ppb
Sodium	23-2	51586.60	50705.02	51120.30	51137.31	0.86	ppb
Strontium	86-1	498.91	507.56	498.17	501.55	1.04	ppb
Strontium	88-1	501.25	503.59	495.60	500.15	0.82	ppb
Sulfur	34-1	10124.22	10116.44	9705.62	9982.09	2.40	ppb
Terbium	159-1				91		%
Terbium	159-2				89		%
Thallium	203-1	495.36	498.29	494.09	495.92	0.43	ppb
Thallium	205-1	498.11	498.78	496.16	497.68	0.27	ppb
Thorium	232-1	492.86	491.24	487.43	490.51	0.57	ppb
Tin	118-1	506.27	511.19	495.69	504.38	1.57	ppb
Titanium	47-1	2494.23	2534.38	2473.42	2500.68	1.24	ppb
Uranium	238-1	492.32	493.70	489.28	491.77	0.46	ppb
Vanadium	51-2	511.01	499.48	506.97	505.82	1.16	ppb
Yttrium	89-1				86		%
Yttrium	89-2				87		%

LB Number :	LB99065	Operator :	Jaswal
Lab Sample ID :	S6	Instrumnet Name :	P7
Client Sample ID :	S6	Dilution Factor :	1
Date & Time Acquired ::	2018-11-02 18:11:24	DataFile Name :	009CALS_P7110218.D

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zinc	66-2	1049.01	1044.82	1052.58	1048.80	0.37	ppb
Zirconium	90-1	499.87	501.34	491.56	497.59	1.06	ppb
Zirconium	91-1	498.34	500.77	491.70	496.94	0.94	ppb

LB Number :	LB99065	Operator :	Jaswal
Lab Sample ID :	S7	Instrumnet Name :	P7
Client Sample ID :	S7	Dilution Factor :	1
Date & Time Acquired ::	2018-11-02 18:15:07	DataFile Name :	010CAL5_P7110218.D

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	18945.78	18898.53	19131.91	18992.07	0.65	ppb
Antimony	121-1	1001.95	994.70	985.86	994.17	0.81	ppb
Arsenic	75-2	1004.84	987.51	988.23	993.53	0.99	ppb
Barium	135-1	5022.08	5006.92	4923.15	4984.05	1.07	ppb
Barium	137-1	5028.11	5019.02	4933.03	4993.39	1.05	ppb
Beryllium	9-1	999.11	996.99	983.21	993.10	0.87	ppb
Bismuth	209-1				87		%
Bismuth	209-2				86		%
Boron	10-1	993.41	997.09	1006.01	998.84	0.65	ppb
Boron	11-1	986.57	1001.04	1016.41	1001.34	1.49	ppb
Cadmium	111-1	995.25	996.66	977.83	989.91	1.06	ppb
Cadmium	106-1	997.96	985.92	987.48	990.45	0.66	ppb
Cadmium	108-1	996.39	986.43	985.64	989.49	0.61	ppb
Calcium	43-1	95745.74	96649.80	95584.02	95993.19	0.60	ppb
Calcium	44-1	95434.29	95949.66	95058.03	95480.66	0.47	ppb
Chromium	52-2	995.46	985.87	996.44	992.59	0.59	ppb
Cobalt	59-2	994.25	978.77	988.10	987.04	0.79	ppb
Copper	63-2	1978.88	1957.63	1971.46	1969.32	0.55	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				93		%
Holmium	165-2				92		%
Indium	115-1				84		%
Indium	115-2				85		%
Iron	56-2	50482.40	50217.27	50557.73	50419.14	0.35	ppb
Iron	57-2	51173.68	50944.29	51188.23	51102.07	0.27	ppb
Krypton	83-1						cps
Lead	206-1	1006.41	1007.26	989.82	1001.16	0.98	ppb
Lead	207-1	1006.35	1005.79	989.02	1000.39	0.98	ppb
Lead	208-1	1007.49	1006.22	990.56	1001.42	0.94	ppb
Lithium	6-1				87		%
Magnesium	24-2	101513.14	100057.85	100721.67	100764.22	0.72	ppb

LB Number :	LB99065	Operator :	Jaswal
Lab Sample ID :	S7	Instrumnet Name :	P7
Client Sample ID :	S7	Dilution Factor :	1
Date & Time Acquired ::	2018-11-02 18:15:07	DataFile Name :	010CAL5_P7110218.D

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	1993.23	1970.82	1988.08	1984.04	0.59	ppb
Molybdenum	94-1	5023.83	5049.08	4950.93	5007.95	1.02	ppb
Molybdenum	95-1	5035.37	5035.48	4932.87	5001.24	1.18	ppb
Molybdenum	96-1	5027.69	5033.17	4931.21	4997.36	1.15	ppb
Molybdenum	97-1	5020.27	5032.16	4952.42	5001.62	0.86	ppb
Molybdenum	98-1	5033.70	5027.45	4941.89	5001.01	1.03	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	987.43	984.67	990.30	987.47	0.28	ppb
Phosphorus	31-2	19833.42	19594.60	20012.72	19813.58	1.06	ppb
Potassium	39-2	47949.13	47837.33	48092.32	47959.60	0.27	ppb
Rhodium	103-1				83		%
Rhodium	103-2				83		%
Scandium	45-1				86		%
Scandium	45-2				89		%
Selenium	77-2	1010.11	975.43	1002.11	995.88	1.82	ppb
Selenium	78-2	998.68	982.04	970.51	983.74	1.44	ppb
Selenium	82-1	987.61	992.21	976.62	985.48	0.81	ppb
Silicon	28-1	962.47	974.86	967.62	968.32	0.64	ppb
Silver	109-1	998.76	999.11	974.66	990.84	1.41	ppb
Silver	107-1	1000.81	987.53	980.86	989.73	1.03	ppb
Sodium	23-2	101349.09	100631.46	100914.76	100965.10	0.36	ppb
Strontium	86-1	995.98	1005.20	992.81	997.99	0.64	ppb
Strontium	88-1	1003.62	1002.80	991.87	999.43	0.66	ppb
Sulfur	34-1	19866.62	20147.70	19834.63	19949.65	0.86	ppb
Terbium	159-1				92		%
Terbium	159-2				91		%
Thallium	203-1	1008.58	1009.41	987.34	1001.77	1.25	ppb
Thallium	205-1	1011.22	1004.49	989.25	1001.65	1.12	ppb
Thorium	232-1	1012.42	1008.37	1001.92	1007.57	0.53	ppb
Tin	118-1	1002.76	994.69	986.29	994.58	0.83	ppb
Titanium	47-1	4988.71	5012.69	4964.81	4988.73	0.48	ppb
Uranium	238-1	1010.25	1007.64	1001.84	1006.58	0.43	ppb
Vanadium	51-2	1000.58	990.49	997.34	996.14	0.52	ppb
Yttrium	89-1				88		%
Yttrium	89-2				89		%

LB Number :	LB99065	Operator :	Jaswal
Lab Sample ID :	S7	Instrumnet Name :	P7
Client Sample ID :	S7	Dilution Factor :	1
Date & Time Acquired ::	2018-11-02 18:15:07	DataFile Name :	010CALS_P7110218.D

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zinc	66-2	1964.28	1950.52	1960.32	1958.37	0.36	ppb
Zirconium	90-1	1010.44	1000.93	991.51	1000.96	0.95	ppb
Zirconium	91-1	1011.54	1001.71	990.75	1001.33	1.04	ppb

LB Number :	LB99065	Operator :	Jaswal
Lab Sample ID :	S8	Instrumnet Name :	P7
Client Sample ID :	S8	Dilution Factor :	1
Date & Time Acquired ::	2018-11-02 18:18:53	DataFile Name :	011CAL5_P7110218.D

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	100186.95	99759.23	100761.29	100235.82	0.50	ppb
Antimony	121-1	1.67	1.63	1.65	1.65	1.24	ppb
Arsenic	75-2	1.62	1.65	1.58	1.62	2.23	ppb
Barium	135-1	1.23	1.18	1.17	1.19	2.87	ppb
Barium	137-1	1.15	1.18	1.22	1.18	3.08	ppb
Beryllium	9-1	0.14	0.13	0.18	0.15	15.21	ppb
Bismuth	209-1				80		%
Bismuth	209-2				79		%
Boron	10-1	24.14	21.88	19.53	21.85	10.55	ppb
Boron	11-1	23.98	21.44	19.58	21.67	10.18	ppb
Cadmium	111-1	0.17	0.21	0.15	0.18	17.35	ppb
Cadmium	106-1	0.05	0.80	-0.11	0.25	195.70	ppb
Cadmium	108-1	0.34	0.32	0.31	0.32	5.44	ppb
Calcium	43-1	506818.55	497978.79	498205.59	501000.97	1.01	ppb
Calcium	44-1	507600.38	499765.08	496140.45	501168.64	1.17	ppb
Chromium	52-2	45.67	45.71	45.99	45.79	0.38	ppb
Cobalt	59-2	12.45	12.52	12.51	12.49	0.31	ppb
Copper	63-2	4.73	4.63	4.61	4.66	1.42	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				97		%
Holmium	165-2				96		%
Indium	115-1				88		%
Indium	115-2				92		%
Iron	56-2	250845.41	248512.70	249984.58	249780.90	0.47	ppb
Iron	57-2	250002.21	248127.53	250717.53	249615.76	0.54	ppb
Krypton	83-1						cps
Lead	206-1	1.48	1.44	1.40	1.44	2.89	ppb
Lead	207-1	1.44	1.37	1.36	1.39	2.86	ppb
Lead	208-1	1.42	1.40	1.36	1.39	1.93	ppb
Lithium	6-1				89		%
Magnesium	24-2	501312.96	497467.87	500055.34	499612.06	0.39	ppb

LB Number :	LB99065	Operator :	Jaswal
Lab Sample ID :	S8	Instrumnet Name :	P7
Client Sample ID :	S8	Dilution Factor :	1
Date & Time Acquired ::	2018-11-02 18:18:53	DataFile Name :	011CAL5_P7110218.D

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	14.55	14.32	14.59	14.49	0.99	ppb
Molybdenum	94-1	6.70	6.47	6.36	6.51	2.70	ppb
Molybdenum	95-1	8.51	8.33	8.07	8.30	2.67	ppb
Molybdenum	96-1	9.77	9.44	9.45	9.55	2.00	ppb
Molybdenum	97-1	8.55	8.20	8.24	8.33	2.31	ppb
Molybdenum	98-1	8.58	8.06	8.02	8.22	3.80	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	36.61	36.63	36.61	36.62	0.04	ppb
Phosphorus	31-2	14.87	15.01	5.74	11.87	44.77	ppb
Potassium	39-2	249200.63	250282.59	252001.66	250494.96	0.56	ppb
Rhodium	103-1				82		%
Rhodium	103-2				83		%
Scandium	45-1				93		%
Scandium	45-2				99		%
Selenium	77-2	2.83	1.44	0.31	1.52	82.67	ppb
Selenium	78-2	0.81	1.90	0.87	1.19	51.41	ppb
Selenium	82-1	0.67	0.31	0.81	0.60	42.88	ppb
Silicon	28-1	24.78	24.49	24.28	24.51	1.02	ppb
Silver	109-1	0.15	0.13	0.13	0.14	7.56	ppb
Silver	107-1	0.13	0.13	0.13	0.13	2.50	ppb
Sodium	23-2	500077.98	495628.49	503255.12	499653.86	0.77	ppb
Strontium	86-1	4.99	4.73	4.79	4.84	2.78	ppb
Strontium	88-1	4.88	4.88	4.82	4.86	0.68	ppb
Sulfur	34-1	-489.57	-561.13	-477.02	-509.24		ppb
Terbium	159-1				96		%
Terbium	159-2				96		%
Thallium	203-1	0.46	0.42	0.41	0.43	6.11	ppb
Thallium	205-1	0.46	0.44	0.43	0.44	3.36	ppb
Thorium	232-1	0.21	0.20	0.19	0.20	6.67	ppb
Tin	118-1	1.47	1.34	1.35	1.39	5.19	ppb
Titanium	47-1	2.30	2.26	2.12	2.23	4.16	ppb
Uranium	238-1	0.20	0.21	0.20	0.20	2.87	ppb
Vanadium	51-2	0.52	0.46	0.48	0.49	6.24	ppb
Yttrium	89-1				93		%
Yttrium	89-2				98		%

LB Number :	LB99065	Operator :	Jaswal
Lab Sample ID :	S8	Instrumnet Name :	P7
Client Sample ID :	S8	Dilution Factor :	1
Date & Time Acquired ::	2018-11-02 18:18:53	DataFile Name :	011CALS_P7110218.D

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zinc	66-2	14.94	15.74	15.75	15.48	3.00	ppb
Zirconium	90-1	0.51	0.49	0.50	0.50	2.24	ppb
Zirconium	91-1	0.52	0.48	0.48	0.49	5.02	ppb

LB Number :	LB99065	Operator :	Jaswal
Lab Sample ID :	ICV01	Instrumnet Name :	P7
Client Sample ID :	ICV01	Dilution Factor :	1
Date & Time Acquired ::	2018-11-02 18:40:44	DataFile Name :	013ICV01_P7110218.D

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	458.50	458.51	463.26	460.09	0.60	ppb
Antimony	121-1	203.29	199.41	203.19	201.96	1.09	ppb
Arsenic	75-2	206.87	203.73	206.39	205.66	0.82	ppb
Barium	135-1	102.57	99.94	103.20	101.90	1.70	ppb
Barium	137-1	101.30	100.56	102.29	101.38	0.85	ppb
Beryllium	9-1	104.44	101.39	103.51	103.11	1.52	ppb
Bismuth	209-1				104		%
Bismuth	209-2				103		%
Boron	10-1	587.87	563.50	574.46	575.28	2.12	ppb
Boron	11-1	578.23	559.49	576.74	571.49	1.82	ppb
Cadmium	111-1	109.20	106.83	108.54	108.19	1.13	ppb
Cadmium	106-1	186.69	187.16	186.67	186.84	0.15	ppb
Cadmium	108-1	149.74	151.10	152.48	151.11	0.91	ppb
Calcium	43-1	2262.17	2243.58	2270.57	2258.77	0.61	ppb
Calcium	44-1	2057.50	2016.04	2048.01	2040.52	1.06	ppb
Chromium	52-2	97.62	95.97	95.83	96.47	1.03	ppb
Cobalt	59-2	102.94	100.71	100.63	101.43	1.29	ppb
Copper	63-2	104.80	103.77	103.90	104.16	0.54	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				105		%
Holmium	165-2				104		%
Indium	115-1				102		%
Indium	115-2				103		%
Iron	56-2	1019.20	997.25	998.68	1005.04	1.22	ppb
Iron	57-2	1017.41	1014.43	1024.53	1018.79	0.51	ppb
Krypton	83-1						cps
Lead	206-1	197.04	193.46	199.03	196.51	1.44	ppb
Lead	207-1	190.24	186.37	193.06	189.89	1.77	ppb
Lead	208-1	193.37	188.96	193.97	192.10	1.43	ppb
Lithium	6-1				106		%
Magnesium	24-2	1196.91	1185.78	1184.87	1189.19	0.56	ppb

LB Number :	LB99065	Operator :	Jaswal
Lab Sample ID :	ICV01	Instrumnet Name :	P7
Client Sample ID :	ICV01	Dilution Factor :	1
Date & Time Acquired ::	2018-11-02 18:40:44	DataFile Name :	013ICV01_P7110218.D

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	98.01	96.37	96.12	96.83	1.06	ppb
Molybdenum	94-1	1061.43	1032.36	1066.31	1053.36	1.74	ppb
Molybdenum	95-1	489.71	480.87	492.75	487.77	1.26	ppb
Molybdenum	96-1	562.84	551.61	562.66	559.04	1.15	ppb
Molybdenum	97-1	493.08	483.22	495.16	490.49	1.30	ppb
Molybdenum	98-1	487.69	476.80	489.50	484.66	1.42	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	104.33	101.15	101.55	102.34	1.69	ppb
Phosphorus	31-2	-11.45	-4.69	-5.47	-7.21		ppb
Potassium	39-2	1923.56	1899.10	1908.94	1910.53	0.64	ppb
Rhodium	103-1				103		%
Rhodium	103-2				103		%
Scandium	45-1				105		%
Scandium	45-2				107		%
Selenium	77-2	206.08	203.59	216.26	208.65	3.22	ppb
Selenium	78-2	221.54	223.71	224.75	223.33	0.73	ppb
Selenium	82-1	224.13	220.44	224.42	222.99	1.00	ppb
Silicon	28-1	432.64	425.82	434.20	430.89	1.03	ppb
Silver	109-1	107.22	106.04	107.93	107.07	0.89	ppb
Silver	107-1	109.01	107.54	108.46	108.34	0.69	ppb
Sodium	23-2	1962.97	1940.82	1947.25	1950.35	0.58	ppb
Strontium	86-1	482.73	473.15	486.62	480.83	1.44	ppb
Strontium	88-1	477.44	469.96	480.10	475.84	1.11	ppb
Sulfur	34-1	-509.38	-641.24	-608.80	-586.47		ppb
Terbium	159-1				105		%
Terbium	159-2				103		%
Thallium	203-1	197.61	195.29	199.82	197.57	1.15	ppb
Thallium	205-1	197.03	194.13	196.96	196.04	0.84	ppb
Thorium	232-1	0.04	0.04	0.04	0.04	7.31	ppb
Tin	118-1	518.71	509.36	519.43	515.83	1.09	ppb
Titanium	47-1	503.39	496.33	506.03	501.91	1.00	ppb
Uranium	238-1	503.41	490.79	504.21	499.47	1.51	ppb
Vanadium	51-2	97.77	95.37	95.37	96.17	1.44	ppb
Yttrium	89-1				104		%
Yttrium	89-2				105		%

LB Number :	LB99065	Operator :	Jaswal
Lab Sample ID :	ICV01	Instrumnet Name :	P7
Client Sample ID :	ICV01	Dilution Factor :	1
Date & Time Acquired ::	2018-11-02 18:40:44	DataFile Name :	013ICV01_P7110218.D

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zinc	66-2	218.08	216.06	217.57	217.24	0.49	ppb
Zirconium	90-1	478.80	467.43	477.13	474.45	1.29	ppb
Zirconium	91-1	473.06	462.80	476.44	470.77	1.51	ppb

LB Number :	LB99065	Operator :	Jaswal
Lab Sample ID :	LLICV01	Instrumnet Name :	P7
Client Sample ID :	LLICV01	Dilution Factor :	1
Date & Time Acquired ::	2018-11-02 18:55:19	DataFile Name :	015LLIC_P7110218.D

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	17.39	18.83	16.85	17.69	5.78	ppb
Antimony	121-1	1.91	1.99	2.05	1.99	3.43	ppb
Arsenic	75-2	0.96	1.11	0.97	1.01	8.18	ppb
Barium	135-1	9.45	9.50	9.31	9.42	1.00	ppb
Barium	137-1	9.26	9.27	9.59	9.37	2.03	ppb
Beryllium	9-1	1.03	1.06	1.05	1.05	1.07	ppb
Bismuth	209-1				106		%
Bismuth	209-2				107		%
Boron	10-1	26.61	27.49	28.85	27.65	4.08	ppb
Boron	11-1	26.66	27.38	28.02	27.35	2.50	ppb
Cadmium	111-1	1.06	1.00	1.00	1.02	3.45	ppb
Cadmium	106-1	0.91	-0.55	-0.49	-0.04		ppb
Cadmium	108-1	1.03	0.96	0.88	0.96	7.77	ppb
Calcium	43-1	444.10	436.31	452.63	444.35	1.84	ppb
Calcium	44-1	438.06	433.33	440.16	437.18	0.80	ppb
Chromium	52-2	2.05	2.05	2.01	2.04	1.00	ppb
Cobalt	59-2	1.02	0.96	1.00	0.99	3.08	ppb
Copper	63-2	2.08	2.09	2.07	2.08	0.52	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				108		%
Holmium	165-2				108		%
Indium	115-1				107		%
Indium	115-2				110		%
Iron	56-2	49.68	49.13	50.09	49.64	0.97	ppb
Iron	57-2	52.22	52.10	51.63	51.99	0.60	ppb
Krypton	83-1						cps
Lead	206-1	0.93	0.94	0.95	0.94	1.17	ppb
Lead	207-1	0.90	0.92	0.94	0.92	1.84	ppb
Lead	208-1	0.91	0.93	0.95	0.93	1.74	ppb
Lithium	6-1				107		%
Magnesium	24-2	466.52	468.70	461.06	465.43	0.85	ppb

LB Number :	LB99065	Operator :	Jaswal
Lab Sample ID :	LLICV01	Instrumnet Name :	P7
Client Sample ID :	LLICV01	Dilution Factor :	1
Date & Time Acquired ::	2018-11-02 18:55:19	DataFile Name :	015LLIC_P7110218.D

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	0.96	1.00	1.04	1.00	4.18	ppb
Molybdenum	94-1	4.74	4.57	4.91	4.74	3.58	ppb
Molybdenum	95-1	4.67	4.55	4.72	4.65	1.91	ppb
Molybdenum	96-1	4.69	4.63	4.57	4.63	1.21	ppb
Molybdenum	97-1	4.81	4.46	4.85	4.71	4.55	ppb
Molybdenum	98-1	4.63	4.63	4.69	4.65	0.78	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	1.14	1.12	1.06	1.11	3.38	ppb
Phosphorus	31-2	-2.57	-0.52	-3.57	-2.22		ppb
Potassium	39-2	451.04	456.64	463.76	457.15	1.39	ppb
Rhodium	103-1				108		%
Rhodium	103-2				110		%
Scandium	45-1				109		%
Scandium	45-2				112		%
Selenium	77-2	6.04	5.04	3.63	4.90	24.74	ppb
Selenium	78-2	5.73	5.54	5.03	5.44	6.64	ppb
Selenium	82-1	5.52	5.41	5.57	5.50	1.49	ppb
Silicon	28-1	13.88	14.22	14.47	14.19	2.11	ppb
Silver	109-1	1.04	1.07	1.04	1.05	1.76	ppb
Silver	107-1	1.06	1.00	1.05	1.04	2.63	ppb
Sodium	23-2	471.03	466.72	457.71	465.15	1.46	ppb
Strontium	86-1	0.94	0.94	0.98	0.95	2.42	ppb
Strontium	88-1	0.95	0.98	0.94	0.96	1.87	ppb
Sulfur	34-1	-359.48	-390.59	-299.32	-349.80		ppb
Terbium	159-1				108		%
Terbium	159-2				108		%
Thallium	203-1	0.93	0.89	0.94	0.92	2.51	ppb
Thallium	205-1	0.90	0.92	0.93	0.92	1.31	ppb
Thorium	232-1	0.85	0.83	0.87	0.85	2.23	ppb
Tin	118-1	4.94	4.85	5.05	4.95	1.95	ppb
Titanium	47-1	4.70	4.65	4.59	4.65	1.12	ppb
Uranium	238-1	0.86	0.84	0.90	0.87	3.43	ppb
Vanadium	51-2	4.71	4.66	4.56	4.64	1.68	ppb
Yttrium	89-1				108		%
Yttrium	89-2				112		%

LB Number :	LB99065	Operator :	Jaswal
Lab Sample ID :	LLICV01	Instrumnet Name :	P7
Client Sample ID :	LLICV01	Dilution Factor :	1
Date & Time Acquired ::	2018-11-02 18:55:19	DataFile Name :	015LLIC_P7110218.D

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zinc	66-2	2.29	2.30	2.60	2.40	7.38	ppb
Zirconium	90-1	0.98	0.98	1.01	0.99	2.03	ppb
Zirconium	91-1	1.04	0.94	0.96	0.98	5.44	ppb

LB Number :	LB99065	Operator :	Jaswal
Lab Sample ID :	ICB0101	Instrumnet Name :	P7
Client Sample ID :	ICB0101	Dilution Factor :	1
Date & Time Acquired ::	2018-11-02 19:03:23	DataFile Name :	016CCBE_P7110218.D

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	-0.23	-0.61	-0.56	-0.47		ppb
Antimony	121-1	0.01	0.01	0.01	0.01	33.35	ppb
Arsenic	75-2	-0.05	-0.04	-0.05	-0.04		ppb
Barium	135-1	0.02	0.00	0.00	0.00	206.29	ppb
Barium	137-1	0.00	0.00	0.00	0.00	199.56	ppb
Beryllium	9-1	0.00	0.00	0.00	0.00	8111.06	ppb
Bismuth	209-1				107		%
Bismuth	209-2				108		%
Boron	10-1	3.49	3.60	3.50	3.53	1.70	ppb
Boron	11-1	3.23	3.37	3.56	3.39	4.79	ppb
Cadmium	111-1	-0.02	-0.02	-0.01	-0.02		ppb
Cadmium	106-1	-1.25	-0.85	-0.81	-0.97		ppb
Cadmium	108-1	-0.06	-0.05	-0.06	-0.06		ppb
Calcium	43-1	-0.34	2.62	0.30	0.86	181.41	ppb
Calcium	44-1	2.05	2.16	2.11	2.11	2.57	ppb
Chromium	52-2	0.00	0.00	0.00	0.00	346.45	ppb
Cobalt	59-2	0.00	-0.01	0.00	0.00		ppb
Copper	63-2	0.00	0.00	0.01	0.00	167.27	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				109		%
Holmium	165-2				109		%
Indium	115-1				108		%
Indium	115-2				112		%
Iron	56-2	0.18	0.17	0.23	0.19	16.54	ppb
Iron	57-2	0.32	0.69	0.76	0.59	40.26	ppb
Krypton	83-1						cps
Lead	206-1	0.01	0.01	0.01	0.01	30.77	ppb
Lead	207-1	0.01	0.00	0.00	0.00	155.46	ppb
Lead	208-1	0.01	0.01	0.01	0.01	10.37	ppb
Lithium	6-1				109		%
Magnesium	24-2	-0.10	0.17	0.18	0.09	189.82	ppb

LB Number :	LB99065	Operator :	Jaswal
Lab Sample ID :	ICB0101	Instrumnet Name :	P7
Client Sample ID :	ICB0101	Dilution Factor :	1
Date & Time Acquired ::	2018-11-02 19:03:23	DataFile Name :	016CCBE_P7110218.D

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	0.00	0.00	0.00	0.00	228.35	ppb
Molybdenum	94-1	0.01	0.02	0.02	0.02	37.53	ppb
Molybdenum	95-1	0.00	-0.01	0.00	0.00		ppb
Molybdenum	96-1	0.00	0.01	0.01	0.00	19.14	ppb
Molybdenum	97-1	0.00	0.00	0.00	0.00	284.93	ppb
Molybdenum	98-1	0.00	0.00	0.00	0.00	210.73	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.00	0.01	0.03	0.01	114.07	ppb
Phosphorus	31-2	-2.00	-0.01	-3.57	-1.86		ppb
Potassium	39-2	3.97	2.79	3.28	3.35	17.70	ppb
Rhodium	103-1				111		%
Rhodium	103-2				111		%
Scandium	45-1				112		%
Scandium	45-2				112		%
Selenium	77-2	-0.85	-1.24	-0.85	-0.98		ppb
Selenium	78-2	0.35	0.12	0.19	0.22	53.29	ppb
Selenium	82-1	-0.07	-0.01	-0.22	-0.10		ppb
Silicon	28-1	0.76	0.45	0.75	0.65	26.50	ppb
Silver	109-1	0.00	0.00	0.00	0.00		ppb
Silver	107-1	0.00	0.00	0.00	0.00	88.12	ppb
Sodium	23-2	3.14	2.48	2.54	2.72	13.42	ppb
Strontium	86-1	-0.03	-0.04	0.01	-0.02		ppb
Strontium	88-1	0.01	0.00	0.00	0.00	45.83	ppb
Sulfur	34-1	-400.49	-349.69	-329.62	-359.93		ppb
Terbium	159-1				109		%
Terbium	159-2				109		%
Thallium	203-1	0.00	0.00	0.01	0.00	143.43	ppb
Thallium	205-1	0.00	0.01	0.00	0.01	30.99	ppb
Thorium	232-1	0.00	0.00	0.00	0.00		ppb
Tin	118-1	0.02	0.04	0.04	0.03	34.13	ppb
Titanium	47-1	0.01	0.03	0.01	0.02	44.62	ppb
Uranium	238-1	0.00	0.00	0.00	0.00	184.53	ppb
Vanadium	51-2	0.00	0.00	0.00	0.00	542.71	ppb
Yttrium	89-1				110		%
Yttrium	89-2				113		%

LB Number :	LB99065	Operator :	Jaswal
Lab Sample ID :	ICB0101	Instrumnet Name :	P7
Client Sample ID :	ICB0101	Dilution Factor :	1
Date & Time Acquired ::	2018-11-02 19:03:23	DataFile Name :	016CCBE_P7110218.D

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zinc	66-2	-0.02	0.14	0.08	0.07	123.80	ppb
Zirconium	90-1	0.01	0.01	0.01	0.01	13.47	ppb
Zirconium	91-1	0.01	0.01	0.00	0.01	95.57	ppb

LB Number :	LB99065	Operator :	Jaswal
Lab Sample ID :	ICSA01	Instrumnet Name :	P7
Client Sample ID :	ICSA01	Dilution Factor :	1
Date & Time Acquired ::	2018-11-02 19:06:58	DataFile Name :	017ICSA01_P7110218.D

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	86433.62	86249.52	85948.45	86210.53	0.28	ppb
Antimony	121-1	1.12	1.11	1.14	1.13	1.37	ppb
Arsenic	75-2	0.31	0.27	0.34	0.31	11.22	ppb
Barium	135-1	1.43	1.34	1.51	1.43	6.01	ppb
Barium	137-1	1.37	1.50	1.50	1.45	5.29	ppb
Beryllium	9-1	0.31	0.28	0.25	0.28	10.67	ppb
Bismuth	209-1				94		%
Bismuth	209-2				94		%
Boron	10-1	4.19	3.75	3.88	3.94	5.71	ppb
Boron	11-1	3.87	3.66	3.63	3.72	3.49	ppb
Cadmium	111-1	0.56	0.49	0.55	0.53	7.74	ppb
Cadmium	106-1	-1.34	-2.21	-0.89	-1.48		ppb
Cadmium	108-1	14.63	14.02	13.63	14.09	3.56	ppb
Calcium	43-1	91717.46	91710.28	91569.04	91665.59	0.09	ppb
Calcium	44-1	92042.67	91264.03	91894.69	91733.80	0.45	ppb
Chromium	52-2	19.29	19.12	19.42	19.28	0.77	ppb
Cobalt	59-2	1.22	1.21	1.19	1.20	1.09	ppb
Copper	63-2	7.56	7.72	7.51	7.60	1.39	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				104		%
Holmium	165-2				104		%
Indium	115-1				96		%
Indium	115-2				99		%
Iron	56-2	100151.44	100024.29	98947.58	99707.77	0.66	ppb
Iron	57-2	98855.12	99098.77	98369.22	98774.37	0.38	ppb
Krypton	83-1						cps
Lead	206-1	4.82	4.76	4.80	4.79	0.63	ppb
Lead	207-1	4.24	4.11	4.21	4.19	1.72	ppb
Lead	208-1	4.47	4.42	4.41	4.43	0.68	ppb
Lithium	6-1				97		%
Magnesium	24-2	96408.81	97052.56	95708.76	96390.04	0.70	ppb

LB Number :	LB99065	Operator :	Jaswal
Lab Sample ID :	ICSA01	Instrumnet Name :	P7
Client Sample ID :	ICSA01	Dilution Factor :	1
Date & Time Acquired ::	2018-11-02 19:06:58	DataFile Name :	017ICSA01_P7110218.D

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	7.97	7.88	7.68	7.84	1.84	ppb
Molybdenum	94-1	1326.85	1336.06	1320.35	1327.75	0.59	ppb
Molybdenum	95-1	1907.25	1922.58	1901.43	1910.42	0.57	ppb
Molybdenum	96-1	1836.43	1854.59	1837.40	1842.81	0.55	ppb
Molybdenum	97-1	1893.27	1920.35	1900.85	1904.82	0.73	ppb
Molybdenum	98-1	1901.86	1924.21	1900.41	1908.83	0.70	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	5.41	5.26	5.24	5.30	1.78	ppb
Phosphorus	31-2	98997.16	97960.13	98033.16	98330.15	0.59	ppb
Potassium	39-2	95503.82	94999.72	94966.26	95156.60	0.32	ppb
Rhodium	103-1				94		%
Rhodium	103-2				95		%
Scandium	45-1				100		%
Scandium	45-2				102		%
Selenium	77-2	0.03	-0.40	-0.39	-0.26		ppb
Selenium	78-2	-0.19	0.13	0.13	0.02	870.97	ppb
Selenium	82-1	0.03	0.26	0.25	0.18	74.57	ppb
Silicon	28-1	22.62	22.12	21.63	22.12	2.24	ppb
Silver	109-1	0.04	0.05	0.05	0.05	12.64	ppb
Silver	107-1	0.05	0.06	0.06	0.06	9.14	ppb
Sodium	23-2	96596.57	97244.15	96008.10	96616.27	0.64	ppb
Strontium	86-1	32.76	33.25	33.17	33.06	0.79	ppb
Strontium	88-1	32.78	32.97	33.02	32.92	0.39	ppb
Sulfur	34-1	72738.27	71773.12	71174.95	71895.45	1.10	ppb
Terbium	159-1				103		%
Terbium	159-2				103		%
Thallium	203-1	0.09	0.11	0.11	0.10	11.75	ppb
Thallium	205-1	0.08	0.10	0.10	0.09	10.67	ppb
Thorium	232-1	0.00	0.00	0.00	0.00	25.24	ppb
Tin	118-1	0.20	0.19	0.18	0.19	4.98	ppb
Titanium	47-1	2008.03	2010.97	1987.93	2002.31	0.63	ppb
Uranium	238-1	0.01	0.01	0.01	0.01	16.85	ppb
Vanadium	51-2	0.17	0.17	0.17	0.17	1.36	ppb
Yttrium	89-1				100		%
Yttrium	89-2				104		%

LB Number :	LB99065	Operator :	Jaswal
Lab Sample ID :	ICSA01	Instrumnet Name :	P7
Client Sample ID :	ICSA01	Dilution Factor :	1
Date & Time Acquired ::	2018-11-02 19:06:58	DataFile Name :	017ICSA01_P7110218.D

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zinc	66-2	11.04	10.93	10.85	10.94	0.87	ppb
Zirconium	90-1	0.04	0.04	0.04	0.04	4.90	ppb
Zirconium	91-1	0.02	0.04	0.02	0.03	36.04	ppb

LB Number :	LB99065	Operator :	Jaswal
Lab Sample ID :	ICSAB01	Instrumnet Name :	P7
Client Sample ID :	ICSAB01	Dilution Factor :	1
Date & Time Acquired ::	2018-11-02 19:10:33	DataFile Name :	018ICSB_P7110218.D

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	85262.22	85757.96	86108.10	85709.42	0.50	ppb
Antimony	121-1	20.70	20.86	21.04	20.87	0.81	ppb
Arsenic	75-2	19.85	19.75	19.82	19.81	0.25	ppb
Barium	135-1	21.62	21.46	21.50	21.53	0.39	ppb
Barium	137-1	21.47	21.62	21.68	21.59	0.49	ppb
Beryllium	9-1	20.64	20.38	20.90	20.64	1.27	ppb
Bismuth	209-1				96		%
Bismuth	209-2				94		%
Boron	10-1	56.57	56.96	56.96	56.83	0.40	ppb
Boron	11-1	55.89	57.39	57.63	56.97	1.66	ppb
Cadmium	111-1	20.08	20.04	20.19	20.10	0.37	ppb
Cadmium	106-1	24.13	22.81	22.92	23.29	3.15	ppb
Cadmium	108-1	35.44	35.15	34.84	35.14	0.86	ppb
Calcium	43-1	91246.03	91210.74	91910.60	91455.79	0.43	ppb
Calcium	44-1	91202.61	90513.05	91288.85	91001.50	0.47	ppb
Chromium	52-2	38.45	38.39	38.74	38.53	0.49	ppb
Cobalt	59-2	20.94	20.99	21.09	21.01	0.37	ppb
Copper	63-2	27.48	27.55	27.64	27.56	0.29	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				106		%
Holmium	165-2				104		%
Indium	115-1				99		%
Indium	115-2				100		%
Iron	56-2	99487.93	99256.45	99405.05	99383.14	0.12	ppb
Iron	57-2	97271.45	98861.63	98490.07	98207.72	0.85	ppb
Krypton	83-1						cps
Lead	206-1	24.83	25.03	24.96	24.94	0.41	ppb
Lead	207-1	22.93	22.95	22.94	22.94	0.05	ppb
Lead	208-1	23.73	23.68	23.77	23.73	0.18	ppb
Lithium	6-1				98		%
Magnesium	24-2	95108.22	95715.03	96087.94	95637.07	0.52	ppb

LB Number :	LB99065	Operator :	Jaswal
Lab Sample ID :	ICSAB01	Instrumnet Name :	P7
Client Sample ID :	ICSAB01	Dilution Factor :	1
Date & Time Acquired ::	2018-11-02 19:10:33	DataFile Name :	018ICSB_P7110218.D

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	27.71	27.41	27.72	27.61	0.64	ppb
Molybdenum	94-1	1434.08	1414.29	1428.14	1425.50	0.71	ppb
Molybdenum	95-1	1947.33	1925.58	1951.56	1941.49	0.72	ppb
Molybdenum	96-1	1886.75	1873.11	1899.28	1886.38	0.69	ppb
Molybdenum	97-1	1941.94	1926.24	1949.14	1939.11	0.60	ppb
Molybdenum	98-1	1931.93	1937.81	1946.85	1938.86	0.39	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	24.30	24.83	24.36	24.49	1.18	ppb
Phosphorus	31-2	96930.08	98000.83	98344.79	97758.57	0.75	ppb
Potassium	39-2	95059.38	95738.74	95453.61	95417.24	0.36	ppb
Rhodium	103-1				96		%
Rhodium	103-2				96		%
Scandium	45-1				102		%
Scandium	45-2				103		%
Selenium	77-2	18.23	21.95	22.56	20.91	11.19	ppb
Selenium	78-2	20.14	20.28	19.31	19.91	2.63	ppb
Selenium	82-1	19.35	20.41	20.00	19.92	2.69	ppb
Silicon	28-1	76.08	75.62	77.00	76.23	0.92	ppb
Silver	109-1	18.39	18.92	19.02	18.78	1.79	ppb
Silver	107-1	18.91	18.95	19.29	19.05	1.08	ppb
Sodium	23-2	96010.17	96233.15	96180.59	96141.30	0.12	ppb
Strontium	86-1	83.84	83.95	84.50	84.10	0.42	ppb
Strontium	88-1	83.64	83.83	84.08	83.85	0.26	ppb
Sulfur	34-1	71832.60	70822.31	71501.49	71385.47	0.72	ppb
Terbium	159-1				105		%
Terbium	159-2				104		%
Thallium	203-1	20.13	20.24	20.11	20.16	0.36	ppb
Thallium	205-1	20.12	20.24	20.19	20.18	0.30	ppb
Thorium	232-1	0.00	0.00	0.00	0.00	39.19	ppb
Tin	118-1	53.89	54.77	54.54	54.40	0.84	ppb
Titanium	47-1	2033.68	2025.11	2035.64	2031.48	0.28	ppb
Uranium	238-1	53.70	53.57	53.77	53.68	0.20	ppb
Vanadium	51-2	19.58	19.87	19.61	19.69	0.80	ppb
Yttrium	89-1				103		%
Yttrium	89-2				104		%

LB Number :	LB99065	Operator :	Jaswal
Lab Sample ID :	ICSAB01	Instrumnet Name :	P7
Client Sample ID :	ICSAB01	Dilution Factor :	1
Date & Time Acquired ::	2018-11-02 19:10:33	DataFile Name :	018ICSB_P7110218.D

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zinc	66-2	30.13	30.26	30.67	30.35	0.93	ppb
Zirconium	90-1	52.37	52.56	53.21	52.72	0.83	ppb
Zirconium	91-1	52.71	51.69	52.69	52.36	1.12	ppb

LB Number :	LB99065	Operator :	Jaswal
Lab Sample ID :	CCV94	Instrumnet Name :	P7
Client Sample ID :	CCV94	Dilution Factor :	1
Date & Time Acquired ::	2018-11-02 19:14:08	DataFile Name :	019CCV_P7110218.D

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	51160.89	50797.33	50444.50	50800.90	0.71	ppb
Antimony	121-1	506.17	509.14	506.51	507.28	0.32	ppb
Arsenic	75-2	490.53	486.04	493.32	489.96	0.75	ppb
Barium	135-1	2577.86	2598.14	2593.50	2589.83	0.41	ppb
Barium	137-1	2584.89	2590.17	2579.10	2584.72	0.21	ppb
Beryllium	9-1	540.65	535.42	533.56	536.54	0.69	ppb
Bismuth	209-1				87		%
Bismuth	209-2				87		%
Boron	10-1	524.54	528.10	535.87	529.51	1.09	ppb
Boron	11-1	519.94	530.80	536.73	529.15	1.61	ppb
Cadmium	111-1	490.24	493.83	489.82	491.30	0.45	ppb
Cadmium	106-1	492.99	493.48	494.99	493.82	0.21	ppb
Cadmium	108-1	493.55	489.87	490.76	491.39	0.39	ppb
Calcium	43-1	240843.12	240230.01	240175.96	240416.36	0.15	ppb
Calcium	44-1	240354.10	240065.54	240017.73	240145.79	0.08	ppb
Chromium	52-2	528.97	529.67	527.55	528.73	0.20	ppb
Cobalt	59-2	508.92	506.95	509.34	508.40	0.25	ppb
Copper	63-2	971.64	974.92	964.99	970.52	0.52	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				101		%
Holmium	165-2				101		%
Indium	115-1				92		%
Indium	115-2				96		%
Iron	56-2	128960.12	129152.70	129834.50	129315.77	0.36	ppb
Iron	57-2	128836.06	128301.83	128547.05	128561.64	0.21	ppb
Krypton	83-1						cps
Lead	206-1	532.56	530.05	529.57	530.73	0.30	ppb
Lead	207-1	528.05	527.56	526.81	527.47	0.12	ppb
Lead	208-1	528.78	528.04	528.22	528.35	0.07	ppb
Lithium	6-1				91		%
Magnesium	24-2	240254.21	241182.10	240031.56	240489.29	0.25	ppb

LB Number :	LB99065	Operator :	Jaswal
Lab Sample ID :	CCV94	Instrumnet Name :	P7
Client Sample ID :	CCV94	Dilution Factor :	1
Date & Time Acquired ::	2018-11-02 19:14:08	DataFile Name :	019CCV_P7110218.D

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	1031.81	1035.50	1032.45	1033.25	0.19	ppb
Molybdenum	94-1	2599.49	2578.09	2591.42	2589.67	0.42	ppb
Molybdenum	95-1	2600.04	2591.48	2570.71	2587.41	0.58	ppb
Molybdenum	96-1	2607.53	2600.59	2567.35	2591.82	0.83	ppb
Molybdenum	97-1	2580.34	2593.49	2571.09	2581.64	0.44	ppb
Molybdenum	98-1	2587.01	2601.30	2564.57	2584.29	0.72	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	506.05	507.45	506.69	506.73	0.14	ppb
Phosphorus	31-2	10245.08	10217.14	10243.16	10235.13	0.15	ppb
Potassium	39-2	124903.24	124401.48	122520.42	123941.71	1.01	ppb
Rhodium	103-1				89		%
Rhodium	103-2				90		%
Scandium	45-1				98		%
Scandium	45-2				102		%
Selenium	77-2	499.43	498.88	488.99	495.77	1.18	ppb
Selenium	78-2	493.29	483.66	489.64	488.87	1.00	ppb
Selenium	82-1	482.03	484.55	483.41	483.33	0.26	ppb
Silicon	28-1	497.63	504.34	515.78	505.92	1.81	ppb
Silver	109-1	494.33	494.14	489.78	492.75	0.52	ppb
Silver	107-1	495.96	495.61	493.57	495.05	0.26	ppb
Sodium	23-2	246858.37	248700.95	249429.13	248329.48	0.53	ppb
Strontium	86-1	519.08	520.27	517.32	518.89	0.29	ppb
Strontium	88-1	518.06	515.16	513.68	515.63	0.43	ppb
Sulfur	34-1	9547.80	9495.41	9546.38	9529.86	0.31	ppb
Terbium	159-1				100		%
Terbium	159-2				100		%
Thallium	203-1	533.35	530.12	529.37	530.95	0.40	ppb
Thallium	205-1	533.91	533.18	532.52	533.20	0.13	ppb
Thorium	232-1	536.53	534.01	534.21	534.92	0.26	ppb
Tin	118-1	513.40	513.52	514.62	513.85	0.13	ppb
Titanium	47-1	2591.00	2576.92	2583.18	2583.70	0.27	ppb
Uranium	238-1	531.61	529.61	528.67	529.97	0.28	ppb
Vanadium	51-2	516.86	516.77	516.91	516.85	0.01	ppb
Yttrium	89-1				98		%
Yttrium	89-2				102		%

LB Number :	LB99065	Operator :	Jaswal
Lab Sample ID :	CCV94	Instrumnet Name :	P7
Client Sample ID :	CCV94	Dilution Factor :	1
Date & Time Acquired ::	2018-11-02 19:14:08	DataFile Name :	019CCV_P7110218.D

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zinc	66-2	942.08	944.70	937.09	941.29	0.41	ppb
Zirconium	90-1	518.71	519.66	519.99	519.45	0.13	ppb
Zirconium	91-1	514.76	519.23	518.13	517.37	0.45	ppb

LB Number :	LB99065	Operator :	Jaswal
Lab Sample ID :	LLCCV	Instrumnet Name :	P7
Client Sample ID :	LLCCV	Dilution Factor :	1
Date & Time Acquired ::	2018-11-02 19:26:39	DataFile Name :	020LLIC_P7110218.D

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	18.14	17.63	17.96	17.91	1.45	ppb
Antimony	121-1	1.85	1.85	1.83	1.84	0.70	ppb
Arsenic	75-2	1.03	1.07	1.00	1.03	3.30	ppb
Barium	135-1	8.90	8.70	8.64	8.75	1.60	ppb
Barium	137-1	8.76	8.93	8.82	8.84	1.02	ppb
Beryllium	9-1	0.92	0.93	0.92	0.92	0.87	ppb
Bismuth	209-1				111		%
Bismuth	209-2				110		%
Boron	10-1	24.77	25.82	24.98	25.19	2.21	ppb
Boron	11-1	24.13	24.78	24.90	24.60	1.68	ppb
Cadmium	111-1	0.93	0.92	0.93	0.93	0.45	ppb
Cadmium	106-1	0.33	-0.61	0.02	-0.09		ppb
Cadmium	108-1	1.03	1.13	0.86	1.01	13.29	ppb
Calcium	43-1	396.10	414.75	405.30	405.38	2.30	ppb
Calcium	44-1	409.20	412.48	413.13	411.60	0.51	ppb
Chromium	52-2	1.95	1.91	1.90	1.92	1.38	ppb
Cobalt	59-2	0.94	0.92	0.92	0.93	1.33	ppb
Copper	63-2	1.94	1.92	1.94	1.93	0.51	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				114		%
Holmium	165-2				112		%
Indium	115-1				113		%
Indium	115-2				114		%
Iron	56-2	49.37	49.38	49.00	49.25	0.44	ppb
Iron	57-2	51.91	47.69	52.40	50.66	5.10	ppb
Krypton	83-1						cps
Lead	206-1	0.83	0.86	0.87	0.86	2.62	ppb
Lead	207-1	0.86	0.89	0.86	0.87	1.78	ppb
Lead	208-1	0.86	0.87	0.87	0.87	0.86	ppb
Lithium	6-1				110		%
Magnesium	24-2	443.54	430.96	436.76	437.09	1.44	ppb

LB Number :	LB99065	Operator :	Jaswal
Lab Sample ID :	LLCCV	Instrumnet Name :	P7
Client Sample ID :	LLCCV	Dilution Factor :	1
Date & Time Acquired ::	2018-11-02 19:26:39	DataFile Name :	020LLIC_P7110218.D

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	0.94	0.96	0.98	0.96	1.61	ppb
Molybdenum	94-1	4.50	4.39	4.50	4.46	1.46	ppb
Molybdenum	95-1	4.31	4.33	4.38	4.34	0.79	ppb
Molybdenum	96-1	4.48	4.31	4.47	4.42	2.21	ppb
Molybdenum	97-1	4.51	4.45	4.51	4.49	0.72	ppb
Molybdenum	98-1	4.43	4.44	4.45	4.44	0.25	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.96	1.12	1.00	1.03	8.16	ppb
Phosphorus	31-2	4.51	7.14	-14.47	-0.94		ppb
Potassium	39-2	439.47	435.53	440.12	438.37	0.57	ppb
Rhodium	103-1				114		%
Rhodium	103-2				113		%
Scandium	45-1				115		%
Scandium	45-2				116		%
Selenium	77-2	7.83	7.66	6.89	7.46	6.68	ppb
Selenium	78-2	5.16	6.06	6.08	5.77	9.15	ppb
Selenium	82-1	4.87	4.80	5.10	4.92	3.18	ppb
Silicon	28-1	12.09	12.20	12.28	12.19	0.79	ppb
Silver	109-1	0.91	0.95	0.95	0.94	2.30	ppb
Silver	107-1	0.94	0.99	0.93	0.95	3.52	ppb
Sodium	23-2	449.85	445.42	449.15	448.14	0.53	ppb
Strontium	86-1	0.90	0.89	0.93	0.91	2.47	ppb
Strontium	88-1	0.89	0.86	0.88	0.88	1.67	ppb
Sulfur	34-1	-544.80	-505.28	-542.38	-530.82		ppb
Terbium	159-1				113		%
Terbium	159-2				112		%
Thallium	203-1	0.83	0.86	0.85	0.85	2.04	ppb
Thallium	205-1	0.85	0.85	0.84	0.85	0.82	ppb
Thorium	232-1	0.80	0.78	0.80	0.79	1.05	ppb
Tin	118-1	4.57	4.64	4.51	4.57	1.43	ppb
Titanium	47-1	4.52	4.38	4.50	4.47	1.67	ppb
Uranium	238-1	0.79	0.77	0.78	0.78	1.23	ppb
Vanadium	51-2	4.37	4.30	4.25	4.31	1.50	ppb
Yttrium	89-1				114		%
Yttrium	89-2				116		%

LB Number :	LB99065	Operator :	Jaswal
Lab Sample ID :	LLCCV	Instrumnet Name :	P7
Client Sample ID :	LLCCV	Dilution Factor :	1
Date & Time Acquired ::	2018-11-02 19:26:39	DataFile Name :	020LLIC_P7110218.D

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zinc	66-2	2.29	2.25	2.11	2.22	4.21	ppb
Zirconium	90-1	0.91	0.92	0.91	0.91	1.00	ppb
Zirconium	91-1	0.87	0.85	0.92	0.88	4.30	ppb

LB Number :	LB99065	Operator :	Jaswal
Lab Sample ID :	CCB94	Instrumnet Name :	P7
Client Sample ID :	CCB94	Dilution Factor :	1
Date & Time Acquired ::	2018-11-02 19:30:13	DataFile Name :	021CCBE_P7110218.D

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	2.94	3.52	3.37	3.28	9.13	ppb
Antimony	121-1	0.02	0.03	0.03	0.02	15.22	ppb
Arsenic	75-2	-0.02	-0.01	-0.04	-0.02		ppb
Barium	135-1	0.02	0.03	0.04	0.03	19.42	ppb
Barium	137-1	0.03	0.03	0.03	0.03	3.75	ppb
Beryllium	9-1	0.01	0.01	0.01	0.01	22.09	ppb
Bismuth	209-1				110		%
Bismuth	209-2				110		%
Boron	10-1	3.90	3.88	3.58	3.79	4.79	ppb
Boron	11-1	3.64	3.56	3.48	3.56	2.27	ppb
Cadmium	111-1	-0.01	-0.03	0.00	-0.02		ppb
Cadmium	106-1	-0.71	-1.25	-0.66	-0.87		ppb
Cadmium	108-1	0.08	0.08	-0.02	0.04	133.69	ppb
Calcium	43-1	5.68	5.77	6.96	6.14	11.66	ppb
Calcium	44-1	6.35	7.71	7.15	7.07	9.63	ppb
Chromium	52-2	0.00	0.01	-0.01	0.00		ppb
Cobalt	59-2	0.00	0.00	0.00	0.00		ppb
Copper	63-2	0.03	0.02	0.04	0.03	32.80	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				113		%
Holmium	165-2				111		%
Indium	115-1				112		%
Indium	115-2				114		%
Iron	56-2	4.63	4.49	4.71	4.61	2.41	ppb
Iron	57-2	4.14	3.73	4.57	4.15	10.13	ppb
Krypton	83-1						cps
Lead	206-1	0.01	0.01	0.02	0.01	43.58	ppb
Lead	207-1	0.01	0.01	0.01	0.01	27.40	ppb
Lead	208-1	0.01	0.01	0.02	0.01	17.23	ppb
Lithium	6-1				110		%
Magnesium	24-2	4.64	5.46	5.57	5.22	9.70	ppb

LB Number :	LB99065	Operator :	Jaswal
Lab Sample ID :	CCB94	Instrumnet Name :	P7
Client Sample ID :	CCB94	Dilution Factor :	1
Date & Time Acquired ::	2018-11-02 19:30:13	DataFile Name :	021CCBE_P7110218.D

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	0.02	0.02	0.01	0.02	45.04	ppb
Molybdenum	94-1	0.07	0.09	0.09	0.08	17.14	ppb
Molybdenum	95-1	0.10	0.08	0.09	0.09	6.77	ppb
Molybdenum	96-1	0.10	0.11	0.12	0.11	8.73	ppb
Molybdenum	97-1	0.09	0.08	0.10	0.09	14.20	ppb
Molybdenum	98-1	0.10	0.10	0.09	0.10	7.30	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.07	0.08	0.06	0.07	14.79	ppb
Phosphorus	31-2	8.33	-0.59	-2.71	1.68	348.86	ppb
Potassium	39-2	10.03	6.97	6.84	7.95	22.72	ppb
Rhodium	103-1				113		%
Rhodium	103-2				113		%
Scandium	45-1				114		%
Scandium	45-2				115		%
Selenium	77-2	1.05	-0.67	0.09	0.15	562.55	ppb
Selenium	78-2	0.71	0.00	0.09	0.26	145.61	ppb
Selenium	82-1	0.41	0.10	-0.16	0.12	247.80	ppb
Silicon	28-1	-0.35	-0.01	0.17	-0.06		ppb
Silver	109-1	0.00	0.00	0.01	0.01	35.74	ppb
Silver	107-1	0.01	0.01	0.01	0.01	11.66	ppb
Sodium	23-2	16.54	14.43	16.98	15.98	8.54	ppb
Strontium	86-1	-0.01	0.01	-0.04	-0.01		ppb
Strontium	88-1	0.01	0.01	0.01	0.01	11.35	ppb
Sulfur	34-1	-554.26	-575.37	-524.13	-551.25		ppb
Terbium	159-1				112		%
Terbium	159-2				111		%
Thallium	203-1	0.01	0.02	0.01	0.01	26.91	ppb
Thallium	205-1	0.01	0.01	0.01	0.01	21.57	ppb
Thorium	232-1	0.01	0.01	0.01	0.01	5.88	ppb
Tin	118-1	0.04	0.03	0.03	0.04	13.12	ppb
Titanium	47-1	0.07	0.09	0.10	0.09	20.80	ppb
Uranium	238-1	0.00	0.00	0.00	0.00	26.14	ppb
Vanadium	51-2	0.01	0.01	0.01	0.01	40.71	ppb
Yttrium	89-1				114		%
Yttrium	89-2				115		%

LB Number :	LB99065	Operator :	Jaswal
Lab Sample ID :	CCB94	Instrumnet Name :	P7
Client Sample ID :	CCB94	Dilution Factor :	1
Date & Time Acquired ::	2018-11-02 19:30:13	DataFile Name :	021CCBE_P7110218.D

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zinc	66-2	0.05	0.19	0.00	0.08	125.44	ppb
Zirconium	90-1	0.01	0.01	0.01	0.01	18.54	ppb
Zirconium	91-1	0.01	0.01	0.01	0.01	35.93	ppb

LB Number : LB99065 Operator : Jaswal
 Lab Sample ID : CRI Instrumnet Name : P7
 Client Sample ID : CRI Dilution Factor : 1
 Date & Time Acquired :: 2018-11-02 19:33:47 DataFile Name : 022LLCC_P7110218.D

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	17.58	17.12	19.86	18.19	8.07	ppb
Antimony	121-1	1.92	1.94	1.99	1.95	1.86	ppb
Arsenic	75-2	0.87	1.04	0.96	0.96	9.13	ppb
Barium	135-1	9.26	9.36	9.63	9.42	2.02	ppb
Barium	137-1	9.29	9.51	9.60	9.47	1.67	ppb
Beryllium	9-1	1.06	0.99	0.99	1.01	3.88	ppb
Bismuth	209-1				109		%
Bismuth	209-2				110		%
Boron	10-1	25.64	25.90	25.03	25.52	1.75	ppb
Boron	11-1	24.83	25.50	25.33	25.22	1.38	ppb
Cadmium	111-1	1.03	0.99	0.93	0.98	5.01	ppb
Cadmium	106-1	1.58	0.63	0.51	0.91	64.85	ppb
Cadmium	108-1	0.97	0.90	0.78	0.89	10.84	ppb
Calcium	43-1	436.41	434.07	433.09	434.52	0.39	ppb
Calcium	44-1	432.91	435.25	434.53	434.23	0.28	ppb
Chromium	52-2	2.11	1.96	1.99	2.02	3.99	ppb
Cobalt	59-2	0.98	1.02	0.99	1.00	1.80	ppb
Copper	63-2	1.99	2.03	2.02	2.01	1.16	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				112		%
Holmium	165-2				112		%
Indium	115-1				111		%
Indium	115-2				114		%
Iron	56-2	49.62	48.62	48.98	49.07	1.04	ppb
Iron	57-2	49.94	52.44	51.76	51.38	2.51	ppb
Krypton	83-1						cps
Lead	206-1	0.90	0.93	0.91	0.92	1.43	ppb
Lead	207-1	0.94	0.90	0.91	0.91	2.25	ppb
Lead	208-1	0.92	0.92	0.90	0.91	0.99	ppb
Lithium	6-1				109		%
Magnesium	24-2	463.27	455.87	458.39	459.18	0.82	ppb

LB Number :	LB99065	Operator :	Jaswal
Lab Sample ID :	CRI	Instrumnet Name :	P7
Client Sample ID :	CRI	Dilution Factor :	1
Date & Time Acquired ::	2018-11-02 19:33:47	DataFile Name :	022LLCC_P7110218.D

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	0.98	0.99	1.00	0.99	1.13	ppb
Molybdenum	94-1	4.58	4.53	4.69	4.60	1.75	ppb
Molybdenum	95-1	4.51	4.54	4.63	4.56	1.40	ppb
Molybdenum	96-1	4.60	4.55	4.58	4.58	0.61	ppb
Molybdenum	97-1	4.47	4.60	4.60	4.56	1.54	ppb
Molybdenum	98-1	4.56	4.46	4.49	4.50	1.12	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	1.07	1.10	1.18	1.12	4.90	ppb
Phosphorus	31-2	3.57	2.06	1.45	2.36	46.34	ppb
Potassium	39-2	461.01	457.98	457.45	458.81	0.42	ppb
Rhodium	103-1				113		%
Rhodium	103-2				114		%
Scandium	45-1				114		%
Scandium	45-2				116		%
Selenium	77-2	6.05	6.13	5.45	5.88	6.31	ppb
Selenium	78-2	5.52	5.86	5.88	5.75	3.45	ppb
Selenium	82-1	5.88	5.36	5.51	5.59	4.81	ppb
Silicon	28-1	13.66	13.39	13.72	13.59	1.30	ppb
Silver	109-1	0.94	1.01	1.04	1.00	5.20	ppb
Silver	107-1	1.01	1.01	1.05	1.02	2.41	ppb
Sodium	23-2	460.12	452.95	457.20	456.76	0.79	ppb
Strontium	86-1	0.88	0.95	0.96	0.93	4.46	ppb
Strontium	88-1	0.94	0.94	0.93	0.94	0.59	ppb
Sulfur	34-1	-454.12	-435.88	-450.64	-446.88		ppb
Terbium	159-1				112		%
Terbium	159-2				111		%
Thallium	203-1	0.92	0.91	0.88	0.90	2.34	ppb
Thallium	205-1	0.90	0.91	0.89	0.90	1.37	ppb
Thorium	232-1	0.82	0.84	0.82	0.83	0.94	ppb
Tin	118-1	4.74	4.87	4.80	4.80	1.35	ppb
Titanium	47-1	4.72	4.70	4.61	4.68	1.25	ppb
Uranium	238-1	0.83	0.82	0.82	0.83	0.35	ppb
Vanadium	51-2	4.52	4.58	4.48	4.52	1.17	ppb
Yttrium	89-1				113		%
Yttrium	89-2				116		%

LB Number :	LB99065	Operator :	Jaswal
Lab Sample ID :	CRI	Instrumnet Name :	P7
Client Sample ID :	CRI	Dilution Factor :	1
Date & Time Acquired ::	2018-11-02 19:33:47	DataFile Name :	022LLCC_P7110218.D

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zinc	66-2	2.41	2.17	2.30	2.29	5.22	ppb
Zirconium	90-1	0.93	0.93	0.96	0.94	1.68	ppb
Zirconium	91-1	0.93	0.95	0.91	0.93	2.38	ppb

LB Number :	LB99065	Operator :	Jaswal
Lab Sample ID :	PB114437BL	Instrumnet Name :	P7
Client Sample ID :	PB114437BL	Dilution Factor :	1
Date & Time Acquired ::	2018-11-02 19:37:20	DataFile Name :	023CCBE_P7110218.D

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	-0.55	0.23	0.33	0.00	10150.52	ppb
Antimony	121-1	0.01	0.01	0.01	0.01	10.25	ppb
Arsenic	75-2	0.01	-0.01	-0.03	-0.01		ppb
Barium	135-1	0.00	0.02	0.01	0.01	70.06	ppb
Barium	137-1	0.00	0.02	0.00	0.01	108.30	ppb
Beryllium	9-1	0.00	0.01	0.00	0.00	318.59	ppb
Bismuth	209-1				109		%
Bismuth	209-2				109		%
Boron	10-1	2.82	3.31	3.04	3.06	7.93	ppb
Boron	11-1	2.73	2.73	2.76	2.74	0.65	ppb
Cadmium	111-1	-0.02	-0.01	-0.03	-0.02		ppb
Cadmium	106-1	-0.91	-0.60	-1.18	-0.90		ppb
Cadmium	108-1	0.00	0.01	-0.06	-0.02		ppb
Calcium	43-1	2.66	2.13	1.52	2.10	27.00	ppb
Calcium	44-1	2.18	1.99	2.07	2.08	4.59	ppb
Chromium	52-2	0.00	-0.01	0.02	0.01	206.88	ppb
Cobalt	59-2	0.00	0.00	0.00	0.00		ppb
Copper	63-2	0.01	0.00	0.01	0.00	148.75	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				111		%
Holmium	165-2				111		%
Indium	115-1				111		%
Indium	115-2				113		%
Iron	56-2	0.39	0.29	0.27	0.32	19.68	ppb
Iron	57-2	0.94	0.54	0.65	0.71	29.46	ppb
Krypton	83-1						cps
Lead	206-1	0.01	0.01	0.00	0.01	53.70	ppb
Lead	207-1	0.01	0.00	0.00	0.00	3679.78	ppb
Lead	208-1	0.01	0.00	0.00	0.00	73.11	ppb
Lithium	6-1				109		%
Magnesium	24-2	0.28	0.53	0.31	0.37	36.46	ppb

LB Number : LB99065 Operator : Jaswal
 Lab Sample ID : PB114437BL Instrumnet Name : P7
 Client Sample ID : PB114437BL Dilution Factor : 1
 Date & Time Acquired :: 2018-11-02 19:37:20 DataFile Name : 023CCBE_P7110218.D

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	0.01	0.01	0.01	0.01	20.48	ppb
Molybdenum	94-1	0.01	0.00	0.00	0.00	562.61	ppb
Molybdenum	95-1	0.01	0.00	0.01	0.01	54.34	ppb
Molybdenum	96-1	0.04	0.02	0.01	0.02	49.07	ppb
Molybdenum	97-1	0.01	0.01	0.00	0.01	72.46	ppb
Molybdenum	98-1	0.01	0.01	0.01	0.01	21.04	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.01	0.02	0.02	0.02	40.10	ppb
Phosphorus	31-2	-0.43	-1.36	-4.08	-1.96		ppb
Potassium	39-2	4.71	1.81	3.37	3.30	43.95	ppb
Rhodium	103-1				112		%
Rhodium	103-2				113		%
Scandium	45-1				113		%
Scandium	45-2				115		%
Selenium	77-2	1.06	0.65	1.41	1.04	36.51	ppb
Selenium	78-2	0.40	0.22	0.54	0.38	41.82	ppb
Selenium	82-1	0.27	0.03	-0.03	0.09	170.53	ppb
Silicon	28-1	0.41	0.55	0.38	0.45	19.76	ppb
Silver	109-1	0.01	0.00	0.00	0.00	34.36	ppb
Silver	107-1	0.01	0.01	0.01	0.01	7.00	ppb
Sodium	23-2	6.93	7.75	7.56	7.41	5.80	ppb
Strontium	86-1	-0.01	0.00	0.01	0.00		ppb
Strontium	88-1	0.00	0.00	0.01	0.00	78.09	ppb
Sulfur	34-1	-535.93	-575.85	-438.03	-516.60		ppb
Terbium	159-1				111		%
Terbium	159-2				110		%
Thallium	203-1	0.00	0.01	0.01	0.01	34.01	ppb
Thallium	205-1	0.00	0.00	0.01	0.00	102.92	ppb
Thorium	232-1	0.00	0.00	0.00	0.00	46.92	ppb
Tin	118-1	0.03	0.03	0.03	0.03	5.36	ppb
Titanium	47-1	-0.01	0.02	0.03	0.01	201.02	ppb
Uranium	238-1	0.00	0.00	0.00	0.00		ppb
Vanadium	51-2	0.00	0.01	0.00	0.00	59.51	ppb
Yttrium	89-1				113		%
Yttrium	89-2				115		%

LB Number :	LB99065	Operator :	Jaswal
Lab Sample ID :	PB114437BL	Instrumnet Name :	P7
Client Sample ID :	PB114437BL	Dilution Factor :	1
Date & Time Acquired ::	2018-11-02 19:37:20	DataFile Name :	023CCBE_P7110218.D

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zinc	66-2	0.18	0.04	0.06	0.09	80.51	ppb
Zirconium	90-1	0.01	0.00	0.00	0.00	175.33	ppb
Zirconium	91-1	-0.01	0.01	0.00	0.00		ppb

LB Number :	LB99065	Operator :	Jaswal
Lab Sample ID :	PB114437BS	Instrumnet Name :	P7
Client Sample ID :	PB114437BS	Dilution Factor :	1
Date & Time Acquired ::	2018-11-02 19:40:55	DataFile Name :	024LCS6_P7110218.D

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	9606.66	9455.24	9557.27	9539.72	0.81	ppb
Antimony	121-1	507.73	510.21	511.13	509.69	0.34	ppb
Arsenic	75-2	503.32	506.08	501.99	503.79	0.41	ppb
Barium	135-1	2522.40	2533.10	2533.05	2529.52	0.24	ppb
Barium	137-1	2523.08	2542.13	2503.29	2522.83	0.77	ppb
Beryllium	9-1	513.37	510.49	509.57	511.14	0.39	ppb
Bismuth	209-1				95		%
Bismuth	209-2				95		%
Boron	10-1	489.50	503.20	505.04	499.25	1.70	ppb
Boron	11-1	494.29	504.83	500.61	499.91	1.06	ppb
Cadmium	111-1	511.09	512.13	514.78	512.67	0.37	ppb
Cadmium	106-1	502.58	517.37	514.67	511.54	1.54	ppb
Cadmium	108-1	514.70	513.99	515.78	514.82	0.18	ppb
Calcium	43-1	47891.95	47347.49	48362.84	47867.43	1.06	ppb
Calcium	44-1	47745.61	47365.86	47876.36	47662.61	0.56	ppb
Chromium	52-2	503.60	496.21	500.45	500.09	0.74	ppb
Cobalt	59-2	506.47	504.12	509.86	506.82	0.57	ppb
Copper	63-2	1015.76	1002.13	1018.81	1012.23	0.88	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				101		%
Holmium	165-2				102		%
Indium	115-1				96		%
Indium	115-2				99		%
Iron	56-2	25716.78	25377.37	25553.97	25549.37	0.66	ppb
Iron	57-2	25687.69	25568.44	25632.75	25629.63	0.23	ppb
Krypton	83-1						cps
Lead	206-1	493.90	500.64	500.87	498.47	0.79	ppb
Lead	207-1	492.31	497.26	497.12	495.56	0.57	ppb
Lead	208-1	494.15	496.90	498.52	496.52	0.44	ppb
Lithium	6-1				98		%
Magnesium	24-2	51243.45	49964.18	50846.51	50684.71	1.29	ppb

LB Number :	LB99065	Operator :	Jaswal
Lab Sample ID :	PB114437BS	Instrumnet Name :	P7
Client Sample ID :	PB114437BS	Dilution Factor :	1
Date & Time Acquired ::	2018-11-02 19:40:55	DataFile Name :	024LCS6_P7110218.D

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	1010.04	998.95	1013.82	1007.60	0.77	ppb
Molybdenum	94-1	2488.38	2485.34	2472.07	2481.93	0.35	ppb
Molybdenum	95-1	2494.71	2470.16	2476.92	2480.59	0.51	ppb
Molybdenum	96-1	2489.56	2454.43	2485.33	2476.44	0.77	ppb
Molybdenum	97-1	2475.06	2452.30	2477.43	2468.26	0.56	ppb
Molybdenum	98-1	2480.96	2457.41	2483.29	2473.88	0.58	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	511.88	499.35	508.76	506.66	1.29	ppb
Phosphorus	31-2	10198.45	10211.05	10217.58	10209.03	0.10	ppb
Potassium	39-2	24405.54	24296.46	24276.02	24326.01	0.29	ppb
Rhodium	103-1				95		%
Rhodium	103-2				96		%
Scandium	45-1				99		%
Scandium	45-2				103		%
Selenium	77-2	520.76	501.12	498.19	506.69	2.42	ppb
Selenium	78-2	506.17	511.06	500.22	505.82	1.07	ppb
Selenium	82-1	509.09	503.10	505.01	505.73	0.61	ppb
Silicon	28-1	489.55	491.58	502.86	494.66	1.45	ppb
Silver	109-1	516.12	515.57	514.50	515.40	0.16	ppb
Silver	107-1	521.41	524.48	522.91	522.93	0.29	ppb
Sodium	23-2	50943.77	49509.21	50105.26	50186.08	1.44	ppb
Strontium	86-1	499.23	498.49	501.00	499.58	0.26	ppb
Strontium	88-1	502.24	497.25	496.67	498.72	0.61	ppb
Sulfur	34-1	9731.71	9655.71	9855.86	9747.76	1.04	ppb
Terbium	159-1				101		%
Terbium	159-2				101		%
Thallium	203-1	500.65	496.32	497.90	498.29	0.44	ppb
Thallium	205-1	498.22	502.02	501.57	500.60	0.42	ppb
Thorium	232-1	482.57	484.78	486.67	484.67	0.42	ppb
Tin	118-1	508.35	509.50	513.99	510.61	0.58	ppb
Titanium	47-1	2514.12	2489.36	2519.99	2507.82	0.65	ppb
Uranium	238-1	480.93	484.48	485.22	483.54	0.47	ppb
Vanadium	51-2	503.75	498.84	498.45	500.35	0.59	ppb
Yttrium	89-1				100		%
Yttrium	89-2				102		%

LB Number :	LB99065	Operator :	Jaswal
Lab Sample ID :	PB114437BS	Instrumnet Name :	P7
Client Sample ID :	PB114437BS	Dilution Factor :	1
Date & Time Acquired ::	2018-11-02 19:40:55	DataFile Name :	024LCS6_P7110218.D

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zinc	66-2	1020.82	1008.78	1014.67	1014.76	0.59	ppb
Zirconium	90-1	496.72	496.27	500.13	497.71	0.42	ppb
Zirconium	91-1	491.45	493.91	494.66	493.34	0.34	ppb

LB Number :	LB99065	Operator :	Jaswal
Lab Sample ID :	J5769-22	Instrumnet Name :	P7
Client Sample ID :	FB-10-31-18	Dilution Factor :	1
Date & Time Acquired ::	2018-11-02 19:48:38	DataFile Name :	025SMPL_P7110218.D

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	-0.08	-0.64	-0.04	-0.25		ppb
Antimony	121-1	0.08	0.09	0.08	0.08	11.53	ppb
Arsenic	75-2	-0.03	-0.04	-0.03	-0.03		ppb
Barium	135-1	0.04	0.04	0.03	0.04	10.94	ppb
Barium	137-1	0.05	0.05	0.04	0.05	15.93	ppb
Beryllium	9-1	0.01	0.01	0.01	0.01	15.92	ppb
Bismuth	209-1				108		%
Bismuth	209-2				109		%
Boron	10-1	4.52	4.44	4.73	4.56	3.37	ppb
Boron	11-1	4.48	4.33	4.41	4.40	1.72	ppb
Cadmium	111-1	-0.04	-0.04	0.00	-0.03		ppb
Cadmium	106-1	-1.86	-2.20	-0.51	-1.53		ppb
Cadmium	108-1	-0.01	-0.02	-0.05	-0.03		ppb
Calcium	43-1	1.20	2.84	3.27	2.44	44.76	ppb
Calcium	44-1	5.64	3.56	4.48	4.56	22.86	ppb
Chromium	52-2	0.09	0.07	0.09	0.08	13.03	ppb
Cobalt	59-2	0.01	0.00	0.02	0.01	78.75	ppb
Copper	63-2	0.26	0.20	0.24	0.23	11.18	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				110		%
Holmium	165-2				110		%
Indium	115-1				108		%
Indium	115-2				110		%
Iron	56-2	1.05	0.81	1.29	1.05	22.66	ppb
Iron	57-2	0.87	0.27	1.20	0.78	60.38	ppb
Krypton	83-1						cps
Lead	206-1	0.04	0.03	0.03	0.03	11.16	ppb
Lead	207-1	0.04	0.02	0.04	0.03	21.84	ppb
Lead	208-1	0.04	0.03	0.04	0.04	3.75	ppb
Lithium	6-1				107		%
Magnesium	24-2	0.60	0.31	1.26	0.72	66.93	ppb

LB Number :	LB99065	Operator :	Jaswal
Lab Sample ID :	J5769-22	Instrumnet Name :	P7
Client Sample ID :	FB-10-31-18	Dilution Factor :	1
Date & Time Acquired ::	2018-11-02 19:48:38	DataFile Name :	025SMPL_P7110218.D

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	0.04	0.05	0.05	0.05	8.88	ppb
Molybdenum	94-1	0.09	0.11	0.09	0.09	11.37	ppb
Molybdenum	95-1	0.11	0.11	0.09	0.10	14.38	ppb
Molybdenum	96-1	0.12	0.11	0.09	0.11	14.22	ppb
Molybdenum	97-1	0.09	0.11	0.08	0.09	17.17	ppb
Molybdenum	98-1	0.11	0.12	0.09	0.10	14.72	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.06	0.07	0.07	0.07	5.43	ppb
Phosphorus	31-2	-11.46	-8.00	-7.38	-8.95		ppb
Potassium	39-2	3.33	1.77	2.34	2.48	31.88	ppb
Rhodium	103-1				108		%
Rhodium	103-2				111		%
Scandium	45-1				108		%
Scandium	45-2				112		%
Selenium	77-2	-1.04	-1.05	-0.27	-0.79		ppb
Selenium	78-2	0.10	-0.06	-0.13	-0.03		ppb
Selenium	82-1	-0.19	0.22	0.24	0.09	267.48	ppb
Silicon	28-1	-0.06	-0.47	0.34	-0.07		ppb
Silver	109-1	0.01	0.01	0.02	0.01	6.94	ppb
Silver	107-1	0.02	0.01	0.01	0.02	7.49	ppb
Sodium	23-2	13.49	12.55	12.33	12.79	4.81	ppb
Strontium	86-1	0.00	0.03	0.01	0.01	118.51	ppb
Strontium	88-1	0.02	0.02	0.01	0.02	19.95	ppb
Sulfur	34-1	-689.06	-807.33	-585.78	-694.06		ppb
Terbium	159-1				109		%
Terbium	159-2				109		%
Thallium	203-1	0.02	0.02	0.02	0.02	7.61	ppb
Thallium	205-1	0.02	0.02	0.01	0.02	17.12	ppb
Thorium	232-1	0.03	0.03	0.02	0.03	22.45	ppb
Tin	118-1	0.18	0.18	0.17	0.18	1.84	ppb
Titanium	47-1	0.03	0.06	0.03	0.04	44.46	ppb
Uranium	238-1	0.00	0.01	0.00	0.00	18.49	ppb
Vanadium	51-2	0.00	0.00	0.01	0.01	116.29	ppb
Yttrium	89-1				109		%
Yttrium	89-2				112		%

LB Number :	LB99065	Operator :	Jaswal
Lab Sample ID :	J5769-22	Instrumnet Name :	P7
Client Sample ID :	FB-10-31-18	Dilution Factor :	1
Date & Time Acquired ::	2018-11-02 19:48:38	DataFile Name :	025SMPL_P7110218.D

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zinc	66-2	12.63	12.51	12.25	12.46	1.53	ppb
Zirconium	90-1	0.02	0.01	0.01	0.01	27.34	ppb
Zirconium	91-1	0.00	0.01	0.02	0.01	179.65	ppb

LB Number :	LB99065	Operator :	Jaswal
Lab Sample ID :	J5769-21	Instrumnet Name :	P7
Client Sample ID :	MW-1	Dilution Factor :	1
Date & Time Acquired ::	2018-11-02 19:52:12	DataFile Name :	026SMPL_P7110218.D

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	1458.28	1491.91	1482.68	1477.62	1.18	ppb
Antimony	121-1	3.95	3.70	3.53	3.72	5.66	ppb
Arsenic	75-2	6.91	7.12	6.94	6.99	1.60	ppb
Barium	135-1	154.74	155.25	156.37	155.46	0.54	ppb
Barium	137-1	154.31	153.76	155.55	154.54	0.59	ppb
Beryllium	9-1	0.14	0.09	0.10	0.11	21.82	ppb
Bismuth	209-1				92		%
Bismuth	209-2				90		%
Boron	10-1	43.20	42.66	40.85	42.24	2.91	ppb
Boron	11-1	43.84	42.35	42.44	42.88	1.95	ppb
Cadmium	111-1	0.22	0.18	0.21	0.20	10.28	ppb
Cadmium	106-1	-0.32	-0.94	-0.69	-0.65		ppb
Cadmium	108-1	0.31	0.34	0.33	0.33	5.26	ppb
Calcium	43-1	42701.30	42470.05	42302.62	42491.33	0.47	ppb
Calcium	44-1	42565.70	42546.83	42175.45	42429.33	0.52	ppb
Chromium	52-2	6.59	6.63	6.75	6.65	1.30	ppb
Cobalt	59-2	2.78	2.71	2.70	2.73	1.62	ppb
Copper	63-2	10.02	9.76	9.70	9.83	1.75	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				99		%
Holmium	165-2				96		%
Indium	115-1				95		%
Indium	115-2				94		%
Iron	56-2	8945.97	9009.72	8969.37	8975.02	0.36	ppb
Iron	57-2	8966.88	9133.67	9025.37	9041.97	0.94	ppb
Krypton	83-1						cps
Lead	206-1	4.51	4.40	4.46	4.46	1.19	ppb
Lead	207-1	4.19	4.08	4.08	4.12	1.52	ppb
Lead	208-1	4.32	4.27	4.26	4.28	0.76	ppb
Lithium	6-1				115		%
Magnesium	24-2	10007.88	10080.82	10034.01	10040.91	0.37	ppb

LB Number :	LB99065	Operator :	Jaswal
Lab Sample ID :	J5769-21	Instrumnet Name :	P7
Client Sample ID :	MW-1	Dilution Factor :	1
Date & Time Acquired ::	2018-11-02 19:52:12	DataFile Name :	026SMPL_P7110218.D

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	184.65	183.60	185.33	184.53	0.47	ppb
Molybdenum	94-1	1.85	1.70	1.74	1.76	4.34	ppb
Molybdenum	95-1	0.95	0.94	0.95	0.95	0.92	ppb
Molybdenum	96-1	1.09	1.12	1.08	1.10	1.86	ppb
Molybdenum	97-1	0.97	0.95	0.94	0.95	1.45	ppb
Molybdenum	98-1	0.95	0.96	0.93	0.94	1.67	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	5.88	6.02	6.05	5.99	1.50	ppb
Phosphorus	31-2	349.03	326.97	344.02	340.01	3.40	ppb
Potassium	39-2	2631.61	2628.43	2600.86	2620.30	0.65	ppb
Rhodium	103-1				94		%
Rhodium	103-2				93		%
Scandium	45-1				98		%
Scandium	45-2				98		%
Selenium	77-2	5.15	5.91	5.05	5.37	8.74	ppb
Selenium	78-2	1.23	1.79	0.94	1.32	32.68	ppb
Selenium	82-1	0.64	1.09	0.98	0.90	25.98	ppb
Silicon	28-1	5930.62	5891.25	5896.29	5906.05	0.36	ppb
Silver	109-1	2.00	1.52	1.24	1.59	24.21	ppb
Silver	107-1	2.01	1.61	1.32	1.65	21.19	ppb
Sodium	23-2	81745.82	82411.69	82043.83	82067.11	0.41	ppb
Strontium	86-1	115.89	117.22	117.09	116.73	0.63	ppb
Strontium	88-1	116.16	117.36	116.66	116.73	0.51	ppb
Sulfur	34-1	4247.32	4121.93	4173.50	4180.92	1.51	ppb
Terbium	159-1				98		%
Terbium	159-2				96		%
Thallium	203-1	0.41	0.20	0.13	0.25	59.20	ppb
Thallium	205-1	0.39	0.19	0.13	0.23	57.68	ppb
Thorium	232-1	0.86	0.83	0.84	0.84	1.54	ppb
Tin	118-1	1.33	1.24	1.17	1.25	6.69	ppb
Titanium	47-1	73.70	74.01	74.37	74.03	0.45	ppb
Uranium	238-1	0.89	0.92	0.86	0.89	3.20	ppb
Vanadium	51-2	12.50	12.56	12.61	12.56	0.43	ppb
Yttrium	89-1				99		%
Yttrium	89-2				98		%

LB Number :	LB99065	Operator :	Jaswal
Lab Sample ID :	J5769-21	Instrumnet Name :	P7
Client Sample ID :	MW-1	Dilution Factor :	1
Date & Time Acquired ::	2018-11-02 19:52:12	DataFile Name :	026SMPL_P7110218.D

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zinc	66-2	26.10	26.24	26.17	26.17	0.28	ppb
Zirconium	90-1	0.69	0.65	0.66	0.67	2.75	ppb
Zirconium	91-1	0.76	0.68	0.64	0.69	8.75	ppb

LB Number :	LB99065	Operator :	Jaswal
Lab Sample ID :	J5780-01	Instrumnet Name :	P7
Client Sample ID :	CPS07381	Dilution Factor :	1
Date & Time Acquired ::	2018-11-02 19:55:47	DataFile Name :	027SMPL_P7110218.D

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	32.30	33.22	35.14	33.55	4.32	ppb
Antimony	121-1	2.54	2.50	2.64	2.56	2.82	ppb
Arsenic	75-2	41.38	40.67	40.35	40.80	1.30	ppb
Barium	135-1	81.38	81.31	81.23	81.31	0.09	ppb
Barium	137-1	81.18	81.25	80.69	81.04	0.38	ppb
Beryllium	9-1	0.01	0.01	0.01	0.01	26.95	ppb
Bismuth	209-1				94		%
Bismuth	209-2				92		%
Boron	10-1	35.59	35.07	35.58	35.41	0.85	ppb
Boron	11-1	35.46	34.82	35.74	35.34	1.33	ppb
Cadmium	111-1	0.01	0.00	0.01	0.01	94.83	ppb
Cadmium	106-1	-1.14	-2.04	-1.10	-1.43		ppb
Cadmium	108-1	-0.02	0.01	0.02	0.01	449.21	ppb
Calcium	43-1	70009.86	69582.69	69372.26	69654.94	0.47	ppb
Calcium	44-1	69836.32	69376.42	69342.26	69518.33	0.40	ppb
Chromium	52-2	0.92	0.94	0.97	0.94	2.66	ppb
Cobalt	59-2	2.52	2.60	2.54	2.55	1.53	ppb
Copper	63-2	1.56	1.44	1.43	1.48	4.60	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				100		%
Holmium	165-2				96		%
Indium	115-1				96		%
Indium	115-2				92		%
Iron	56-2	3636.78	3646.91	3608.56	3630.75	0.55	ppb
Iron	57-2	3833.93	3828.14	3790.19	3817.42	0.62	ppb
Krypton	83-1						cps
Lead	206-1	0.17	0.18	0.17	0.17	3.72	ppb
Lead	207-1	0.17	0.16	0.15	0.16	6.22	ppb
Lead	208-1	0.18	0.17	0.16	0.17	7.60	ppb
Lithium	6-1				115		%
Magnesium	24-2	7084.80	7016.48	6937.93	7013.07	1.05	ppb

LB Number :	LB99065	Operator :	Jaswal
Lab Sample ID :	J5780-01	Instrumnet Name :	P7
Client Sample ID :	CPS07381	Dilution Factor :	1
Date & Time Acquired ::	2018-11-02 19:55:47	DataFile Name :	027SMPL_P7110218.D

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	402.65	405.67	401.25	403.19	0.56	ppb
Molybdenum	94-1	0.19	0.22	0.22	0.21	9.07	ppb
Molybdenum	95-1	0.18	0.17	0.18	0.18	5.17	ppb
Molybdenum	96-1	0.21	0.19	0.21	0.20	4.86	ppb
Molybdenum	97-1	0.16	0.19	0.20	0.18	11.69	ppb
Molybdenum	98-1	0.18	0.15	0.17	0.17	9.23	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	1.45	1.46	1.46	1.46	0.39	ppb
Phosphorus	31-2	23.67	33.89	14.36	23.98	40.75	ppb
Potassium	39-2	1494.82	1520.50	1501.26	1505.53	0.89	ppb
Rhodium	103-1				95		%
Rhodium	103-2				93		%
Scandium	45-1				96		%
Scandium	45-2				93		%
Selenium	77-2	2.72	0.39	1.32	1.48	79.29	ppb
Selenium	78-2	1.11	0.96	0.53	0.86	35.11	ppb
Selenium	82-1	0.87	0.66	0.93	0.82	17.54	ppb
Silicon	28-1	3409.34	3386.98	3378.73	3391.68	0.47	ppb
Silver	109-1	0.49	0.47	0.43	0.47	6.68	ppb
Silver	107-1	0.48	0.45	0.43	0.45	5.02	ppb
Sodium	23-2	4366.62	4376.74	4321.79	4355.05	0.67	ppb
Strontium	86-1	531.07	538.38	544.10	537.85	1.21	ppb
Strontium	88-1	536.56	539.04	542.98	539.53	0.60	ppb
Sulfur	34-1	31380.76	30950.46	30922.14	31084.45	0.83	ppb
Terbium	159-1				99		%
Terbium	159-2				96		%
Thallium	203-1	0.03	0.03	0.04	0.03	7.37	ppb
Thallium	205-1	0.03	0.04	0.03	0.03	5.59	ppb
Thorium	232-1	0.06	0.07	0.05	0.06	8.63	ppb
Tin	118-1	0.63	0.62	0.58	0.61	4.14	ppb
Titanium	47-1	1.31	1.56	5.88	2.91	88.27	ppb
Uranium	238-1	0.05	0.05	0.05	0.05	0.96	ppb
Vanadium	51-2	0.43	0.41	0.44	0.43	3.39	ppb
Yttrium	89-1				97		%
Yttrium	89-2				94		%

LB Number :	LB99065	Operator :	Jaswal
Lab Sample ID :	J5780-01	Instrumnet Name :	P7
Client Sample ID :	CPS07381	Dilution Factor :	1
Date & Time Acquired ::	2018-11-02 19:55:47	DataFile Name :	027SMPL_P7110218.D

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zinc	66-2	9.21	9.61	9.03	9.29	3.23	ppb
Zirconium	90-1	0.07	0.07	0.06	0.07	9.89	ppb
Zirconium	91-1	0.06	0.08	0.10	0.08	21.35	ppb

LB Number :	LB99065	Operator :	Jaswal
Lab Sample ID :	J5780-03	Instrumnet Name :	P7
Client Sample ID :	CPS073082	Dilution Factor :	1
Date & Time Acquired ::	2018-11-02 19:59:22	DataFile Name :	028SMPL_P7110218.D

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	39.63	47.88	41.86	43.13	9.89	ppb
Antimony	121-1	2.54	2.51	2.56	2.54	1.07	ppb
Arsenic	75-2	42.47	42.69	42.50	42.55	0.28	ppb
Barium	135-1	84.30	83.83	84.63	84.25	0.48	ppb
Barium	137-1	84.63	84.82	84.90	84.78	0.16	ppb
Beryllium	9-1	0.01	0.00	0.01	0.01	54.65	ppb
Bismuth	209-1				94		%
Bismuth	209-2				91		%
Boron	10-1	36.55	36.73	36.49	36.59	0.34	ppb
Boron	11-1	36.50	36.79	36.30	36.53	0.67	ppb
Cadmium	111-1	0.03	-0.01	0.00	0.00	365.76	ppb
Cadmium	106-1	-0.42	-1.90	-1.64	-1.32		ppb
Cadmium	108-1	-0.04	-0.02	-0.02	-0.03		ppb
Calcium	43-1	72483.41	73396.38	73863.54	73247.78	0.96	ppb
Calcium	44-1	72720.95	73270.02	73553.21	73181.39	0.58	ppb
Chromium	52-2	0.95	0.97	1.04	0.99	4.69	ppb
Cobalt	59-2	2.62	2.57	2.65	2.61	1.59	ppb
Copper	63-2	1.35	1.36	1.36	1.36	0.52	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				98		%
Holmium	165-2				94		%
Indium	115-1				94		%
Indium	115-2				90		%
Iron	56-2	3907.75	3837.24	3867.17	3870.72	0.91	ppb
Iron	57-2	4100.22	4051.47	4075.88	4075.86	0.60	ppb
Krypton	83-1						cps
Lead	206-1	0.18	0.18	0.22	0.19	14.12	ppb
Lead	207-1	0.16	0.16	0.16	0.16	1.82	ppb
Lead	208-1	0.18	0.18	0.19	0.18	3.75	ppb
Lithium	6-1				110		%
Magnesium	24-2	7340.40	7259.00	7360.11	7319.84	0.73	ppb

LB Number :	LB99065	Operator :	Jaswal
Lab Sample ID :	J5780-03	Instrumnet Name :	P7
Client Sample ID :	CPS073082	Dilution Factor :	1
Date & Time Acquired ::	2018-11-02 19:59:22	DataFile Name :	028SMPL_P7110218.D

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	426.12	425.10	427.88	426.36	0.33	ppb
Molybdenum	94-1	0.27	0.22	0.27	0.25	10.45	ppb
Molybdenum	95-1	0.20	0.19	0.20	0.19	3.47	ppb
Molybdenum	96-1	0.21	0.21	0.24	0.22	8.11	ppb
Molybdenum	97-1	0.15	0.17	0.22	0.18	19.71	ppb
Molybdenum	98-1	0.19	0.17	0.17	0.17	6.04	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	1.57	1.47	1.41	1.49	5.58	ppb
Phosphorus	31-2	18.14	16.07	38.52	24.24	51.17	ppb
Potassium	39-2	1598.65	1572.94	1582.94	1584.84	0.82	ppb
Rhodium	103-1				93		%
Rhodium	103-2				90		%
Scandium	45-1				92		%
Scandium	45-2				89		%
Selenium	77-2	2.36	0.67	1.65	1.56	54.41	ppb
Selenium	78-2	0.87	0.54	0.83	0.75	24.38	ppb
Selenium	82-1	0.72	0.67	0.80	0.73	9.35	ppb
Silicon	28-1	3553.96	3556.91	3568.88	3559.92	0.22	ppb
Silver	109-1	0.29	0.27	0.27	0.28	3.95	ppb
Silver	107-1	0.28	0.26	0.28	0.27	3.30	ppb
Sodium	23-2	4504.84	4436.34	4478.26	4473.15	0.77	ppb
Strontium	86-1	562.34	562.92	570.10	565.12	0.76	ppb
Strontium	88-1	563.14	566.66	568.63	566.14	0.49	ppb
Sulfur	34-1	32432.98	32442.55	32465.56	32447.03	0.05	ppb
Terbium	159-1				97		%
Terbium	159-2				94		%
Thallium	203-1	0.03	0.03	0.03	0.03	12.11	ppb
Thallium	205-1	0.03	0.03	0.03	0.03	9.12	ppb
Thorium	232-1	0.05	0.04	0.05	0.04	5.76	ppb
Tin	118-1	0.52	0.48	0.48	0.49	3.94	ppb
Titanium	47-1	2.24	1.90	1.78	1.97	12.09	ppb
Uranium	238-1	0.05	0.06	0.06	0.05	5.50	ppb
Vanadium	51-2	0.47	0.48	0.49	0.48	2.28	ppb
Yttrium	89-1				95		%
Yttrium	89-2				91		%

LB Number :	LB99065	Operator :	Jaswal
Lab Sample ID :	J5780-03	Instrumnet Name :	P7
Client Sample ID :	CPS073082	Dilution Factor :	1
Date & Time Acquired ::	2018-11-02 19:59:22	DataFile Name :	028SMPL_P7110218.D

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zinc	66-2	11.25	11.89	11.64	11.59	2.77	ppb
Zirconium	90-1	0.07	0.08	0.08	0.08	12.01	ppb
Zirconium	91-1	0.12	0.09	0.07	0.09	23.16	ppb

LB Number :	LB99065	Operator :	Jaswal
Lab Sample ID :	J5780-05	Instrumnet Name :	P7
Client Sample ID :	CPS113081	Dilution Factor :	1
Date & Time Acquired ::	2018-11-02 20:02:57	DataFile Name :	029SMPL_P7110218.D

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	49.16	35.91	39.25	41.44	16.63	ppb
Antimony	121-1	2.39	2.45	2.41	2.42	1.19	ppb
Arsenic	75-2	3.54	3.49	3.75	3.59	3.82	ppb
Barium	135-1	42.57	42.37	41.64	42.19	1.16	ppb
Barium	137-1	42.49	42.88	42.34	42.57	0.66	ppb
Beryllium	9-1	0.01	0.01	0.00	0.01	110.42	ppb
Bismuth	209-1				94		%
Bismuth	209-2				91		%
Boron	10-1	64.06	64.21	65.70	64.66	1.40	ppb
Boron	11-1	62.93	62.62	65.33	63.63	2.33	ppb
Cadmium	111-1	0.00	-0.03	-0.04	-0.02		ppb
Cadmium	106-1	-1.12	-1.77	-2.31	-1.73		ppb
Cadmium	108-1	-0.04	0.07	0.10	0.04	172.15	ppb
Calcium	43-1	30941.36	31045.06	31145.80	31044.07	0.33	ppb
Calcium	44-1	31092.24	31035.48	31023.33	31050.35	0.12	ppb
Chromium	52-2	0.91	0.93	0.96	0.94	2.59	ppb
Cobalt	59-2	2.14	2.22	2.17	2.18	1.75	ppb
Copper	63-2	0.89	0.89	0.89	0.89	0.11	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				97		%
Holmium	165-2				94		%
Indium	115-1				92		%
Indium	115-2				89		%
Iron	56-2	4069.67	4018.29	4021.64	4036.53	0.71	ppb
Iron	57-2	4143.25	4115.69	4119.74	4126.23	0.36	ppb
Krypton	83-1						cps
Lead	206-1	0.17	0.17	0.17	0.17	1.49	ppb
Lead	207-1	0.16	0.15	0.15	0.16	5.36	ppb
Lead	208-1	0.17	0.16	0.15	0.16	4.86	ppb
Lithium	6-1				107		%
Magnesium	24-2	3808.50	3782.94	3762.29	3784.58	0.61	ppb

LB Number :	LB99065	Operator :	Jaswal
Lab Sample ID :	J5780-05	Instrumnet Name :	P7
Client Sample ID :	CPS113081	Dilution Factor :	1
Date & Time Acquired ::	2018-11-02 20:02:57	DataFile Name :	029SMPL_P7110218.D

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	78.03	77.84	77.09	77.65	0.64	ppb
Molybdenum	94-1	0.32	0.33	0.33	0.32	1.68	ppb
Molybdenum	95-1	0.34	0.31	0.31	0.32	6.04	ppb
Molybdenum	96-1	0.33	0.35	0.41	0.36	11.73	ppb
Molybdenum	97-1	0.32	0.31	0.30	0.31	3.34	ppb
Molybdenum	98-1	0.30	0.32	0.33	0.32	4.82	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.43	0.36	0.31	0.37	16.01	ppb
Phosphorus	31-2	35.25	37.73	34.92	35.97	4.27	ppb
Potassium	39-2	1711.20	1715.03	1698.04	1708.09	0.52	ppb
Rhodium	103-1				92		%
Rhodium	103-2				89		%
Scandium	45-1				89		%
Scandium	45-2				87		%
Selenium	77-2	1.45	0.70	2.21	1.45	52.04	ppb
Selenium	78-2	0.96	0.44	0.93	0.78	37.34	ppb
Selenium	82-1	1.01	0.75	0.63	0.80	24.26	ppb
Silicon	28-1	2698.55	2707.43	2707.92	2704.63	0.19	ppb
Silver	109-1	0.20	0.19	0.19	0.20	3.09	ppb
Silver	107-1	0.20	0.20	0.20	0.20	1.74	ppb
Sodium	23-2	1986.25	1965.17	1951.82	1967.75	0.88	ppb
Strontium	86-1	250.67	252.70	252.58	251.98	0.45	ppb
Strontium	88-1	254.39	254.28	253.49	254.05	0.19	ppb
Sulfur	34-1	123.87	50.22	65.53	79.87	48.66	ppb
Terbium	159-1				96		%
Terbium	159-2				93		%
Thallium	203-1	0.03	0.02	0.03	0.03	33.95	ppb
Thallium	205-1	0.03	0.02	0.02	0.02	10.60	ppb
Thorium	232-1	0.04	0.04	0.04	0.04	5.68	ppb
Tin	118-1	0.44	0.44	0.42	0.43	2.22	ppb
Titanium	47-1	1.23	1.23	1.60	1.35	15.83	ppb
Uranium	238-1	0.07	0.06	0.06	0.07	8.28	ppb
Vanadium	51-2	0.34	0.35	0.39	0.36	7.95	ppb
Yttrium	89-1				92		%
Yttrium	89-2				90		%

LB Number :	LB99065	Operator :	Jaswal
Lab Sample ID :	J5780-05	Instrumnet Name :	P7
Client Sample ID :	CPS113081	Dilution Factor :	1
Date & Time Acquired ::	2018-11-02 20:02:57	DataFile Name :	029SMPL_P7110218.D

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zinc	66-2	8.20	8.29	7.89	8.13	2.57	ppb
Zirconium	90-1	0.07	0.07	0.07	0.07	5.07	ppb
Zirconium	91-1	0.10	0.09	0.05	0.08	33.00	ppb

LB Number :	LB99065	Operator :	Jaswal
Lab Sample ID :	J5780-07	Instrumnet Name :	P7
Client Sample ID :	CPS133081	Dilution Factor :	1
Date & Time Acquired ::	2018-11-02 20:06:33	DataFile Name :	030SMPL_P7110218.D

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	403.27	394.40	395.60	397.76	1.21	ppb
Antimony	121-1	2.35	2.27	2.39	2.34	2.74	ppb
Arsenic	75-2	7.72	8.15	7.85	7.91	2.78	ppb
Barium	135-1	74.52	73.87	75.84	74.75	1.34	ppb
Barium	137-1	74.71	73.79	75.10	74.54	0.90	ppb
Beryllium	9-1	0.02	0.02	0.02	0.02	17.04	ppb
Bismuth	209-1				92		%
Bismuth	209-2				88		%
Boron	10-1	46.22	44.03	44.51	44.92	2.56	ppb
Boron	11-1	47.16	46.92	48.47	47.52	1.75	ppb
Cadmium	111-1	-0.05	-0.05	-0.04	-0.05		ppb
Cadmium	106-1	-2.30	-2.19	-2.14	-2.21		ppb
Cadmium	108-1	0.12	0.02	0.04	0.06	85.18	ppb
Calcium	43-1	79698.25	78429.20	79699.22	79275.56	0.92	ppb
Calcium	44-1	79316.88	78447.04	79175.45	78979.79	0.59	ppb
Chromium	52-2	1.78	1.69	1.74	1.74	2.74	ppb
Cobalt	59-2	0.90	0.90	0.87	0.89	1.73	ppb
Copper	63-2	1.20	1.14	1.10	1.14	4.23	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				95		%
Holmium	165-2				90		%
Indium	115-1				89		%
Indium	115-2				85		%
Iron	56-2	14520.66	14460.74	14357.60	14446.33	0.57	ppb
Iron	57-2	14640.53	14610.90	14584.02	14611.82	0.19	ppb
Krypton	83-1						cps
Lead	206-1	0.63	0.62	0.63	0.63	1.40	ppb
Lead	207-1	0.56	0.59	0.54	0.56	4.99	ppb
Lead	208-1	0.61	0.59	0.60	0.60	2.06	ppb
Lithium	6-1				103		%
Magnesium	24-2	1991.05	1996.50	1995.47	1994.34	0.15	ppb

LB Number :	LB99065	Operator :	Jaswal
Lab Sample ID :	J5780-07	Instrumnet Name :	P7
Client Sample ID :	CPS133081	Dilution Factor :	1
Date & Time Acquired ::	2018-11-02 20:06:33	DataFile Name :	030SMPL_P7110218.D

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	998.99	991.99	985.47	992.15	0.68	ppb
Molybdenum	94-1	1.50	1.59	1.51	1.53	3.15	ppb
Molybdenum	95-1	1.40	1.34	1.42	1.38	2.85	ppb
Molybdenum	96-1	1.53	1.55	1.52	1.53	1.03	ppb
Molybdenum	97-1	1.41	1.43	1.38	1.41	1.72	ppb
Molybdenum	98-1	1.35	1.40	1.39	1.38	2.11	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	1.01	1.09	1.08	1.06	4.29	ppb
Phosphorus	31-2	289.79	304.41	336.93	310.37	7.78	ppb
Potassium	39-2	990.35	986.04	980.10	985.50	0.52	ppb
Rhodium	103-1				88		%
Rhodium	103-2				84		%
Scandium	45-1				85		%
Scandium	45-2				82		%
Selenium	77-2	1.33	3.65	1.60	2.20	57.82	ppb
Selenium	78-2	0.69	0.95	1.31	0.98	31.52	ppb
Selenium	82-1	1.02	0.95	0.92	0.96	5.39	ppb
Silicon	28-1	7910.12	7761.85	7810.88	7827.62	0.97	ppb
Silver	109-1	0.17	0.19	0.19	0.18	7.84	ppb
Silver	107-1	0.19	0.18	0.19	0.19	1.92	ppb
Sodium	23-2	4117.56	4109.28	4107.89	4111.58	0.13	ppb
Strontium	86-1	546.69	551.86	549.26	549.27	0.47	ppb
Strontium	88-1	551.03	549.61	549.46	550.03	0.16	ppb
Sulfur	34-1	-592.80	-691.64	-719.71	-668.05		ppb
Terbium	159-1				94		%
Terbium	159-2				90		%
Thallium	203-1	0.00	0.00	0.00	0.00	168.53	ppb
Thallium	205-1	0.00	0.00	0.00	0.00		ppb
Thorium	232-1	0.16	0.16	0.16	0.16	0.22	ppb
Tin	118-1	0.52	0.54	0.56	0.54	3.83	ppb
Titanium	47-1	11.48	9.59	12.06	11.04	11.68	ppb
Uranium	238-1	0.14	0.14	0.14	0.14	0.72	ppb
Vanadium	51-2	1.23	1.13	1.21	1.19	4.69	ppb
Yttrium	89-1				89		%
Yttrium	89-2				85		%

LB Number :	LB99065	Operator :	Jaswal
Lab Sample ID :	J5780-07	Instrumnet Name :	P7
Client Sample ID :	CPS133081	Dilution Factor :	1
Date & Time Acquired ::	2018-11-02 20:06:33	DataFile Name :	030SMPL_P7110218.D

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zinc	66-2	9.60	8.97	9.60	9.39	3.85	ppb
Zirconium	90-1	0.30	0.32	0.29	0.30	5.39	ppb
Zirconium	91-1	0.36	0.38	1.88	0.88	99.82	ppb

LB Number :	LB99065	Operator :	Jaswal
Lab Sample ID :	J5780-07DUP	Instrumnet Name :	P7
Client Sample ID :	CPS133081DUP	Dilution Factor :	1
Date & Time Acquired ::	2018-11-02 20:10:07	DataFile Name :	031SMPL_P7110218.D

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	378.97	391.61	349.61	373.40	5.77	ppb
Antimony	121-1	2.20	2.23	2.22	2.22	0.66	ppb
Arsenic	75-2	8.19	8.06	7.78	8.01	2.63	ppb
Barium	135-1	74.18	74.73	75.55	74.82	0.92	ppb
Barium	137-1	75.20	74.46	75.09	74.92	0.53	ppb
Beryllium	9-1	0.03	0.03	0.03	0.03	4.52	ppb
Bismuth	209-1				91		%
Bismuth	209-2				87		%
Boron	10-1	42.79	43.74	44.69	43.74	2.17	ppb
Boron	11-1	47.08	46.88	46.88	46.95	0.24	ppb
Cadmium	111-1	-0.04	-0.06	-0.03	-0.04		ppb
Cadmium	106-1	-2.04	-2.49	-2.33	-2.29		ppb
Cadmium	108-1	-0.04	0.13	-0.04	0.02	546.62	ppb
Calcium	43-1	79309.07	79032.87	78951.07	79097.67	0.24	ppb
Calcium	44-1	79487.39	78925.69	78605.55	79006.21	0.57	ppb
Chromium	52-2	1.74	1.71	1.61	1.69	4.04	ppb
Cobalt	59-2	0.90	0.87	0.85	0.87	2.82	ppb
Copper	63-2	1.10	1.08	1.07	1.08	1.30	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				93		%
Holmium	165-2				90		%
Indium	115-1				87		%
Indium	115-2				84		%
Iron	56-2	14586.35	14327.16	14362.54	14425.35	0.97	ppb
Iron	57-2	14752.10	14450.83	14503.95	14568.96	1.10	ppb
Krypton	83-1						cps
Lead	206-1	0.63	0.62	0.63	0.63	1.17	ppb
Lead	207-1	0.58	0.58	0.59	0.59	1.20	ppb
Lead	208-1	0.60	0.60	0.60	0.60	0.20	ppb
Lithium	6-1				99		%
Magnesium	24-2	2018.29	1988.49	1998.74	2001.84	0.76	ppb

LB Number :	LB99065	Operator :	Jaswal
Lab Sample ID :	J5780-07DUP	Instrumnet Name :	P7
Client Sample ID :	CPS133081DUP	Dilution Factor :	1
Date & Time Acquired ::	2018-11-02 20:10:07	DataFile Name :	031SMPL_P7110218.D

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	995.10	984.61	989.86	989.86	0.53	ppb
Molybdenum	94-1	1.50	1.72	1.49	1.57	8.36	ppb
Molybdenum	95-1	1.40	1.38	1.44	1.40	2.03	ppb
Molybdenum	96-1	1.48	1.53	1.42	1.48	3.76	ppb
Molybdenum	97-1	1.41	1.36	1.39	1.38	1.84	ppb
Molybdenum	98-1	1.35	1.35	1.45	1.39	4.27	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	1.21	1.20	1.12	1.18	4.46	ppb
Phosphorus	31-2	295.95	353.17	277.07	308.73	12.84	ppb
Potassium	39-2	977.56	975.98	969.09	974.21	0.46	ppb
Rhodium	103-1				86		%
Rhodium	103-2				84		%
Scandium	45-1				83		%
Scandium	45-2				81		%
Selenium	77-2	0.87	1.87	3.69	2.15	66.76	ppb
Selenium	78-2	1.05	1.01	1.15	1.07	6.35	ppb
Selenium	82-1	0.99	1.12	0.88	0.99	12.46	ppb
Silicon	28-1	7780.75	7704.14	7770.15	7751.68	0.54	ppb
Silver	109-1	0.15	0.16	0.13	0.15	7.81	ppb
Silver	107-1	0.17	0.16	0.16	0.16	3.00	ppb
Sodium	23-2	4127.70	4088.11	4093.06	4102.96	0.53	ppb
Strontium	86-1	550.60	547.40	551.65	549.88	0.40	ppb
Strontium	88-1	556.48	547.89	551.80	552.05	0.78	ppb
Sulfur	34-1	-669.00	-769.80	-675.34	-704.71		ppb
Terbium	159-1				92		%
Terbium	159-2				89		%
Thallium	203-1	0.00	0.00	0.00	0.00		ppb
Thallium	205-1	0.00	0.00	0.00	0.00		ppb
Thorium	232-1	0.16	0.16	0.14	0.16	6.74	ppb
Tin	118-1	0.49	0.50	0.51	0.50	1.76	ppb
Titanium	47-1	15.50	9.26	12.81	12.52	24.99	ppb
Uranium	238-1	0.14	0.14	0.15	0.14	4.85	ppb
Vanadium	51-2	2.18	1.15	1.12	1.48	40.85	ppb
Yttrium	89-1				87		%
Yttrium	89-2				84		%

LB Number :	LB99065	Operator :	Jaswal
Lab Sample ID :	J5780-07DUP	Instrumnet Name :	P7
Client Sample ID :	CPS133081DUP	Dilution Factor :	1
Date & Time Acquired ::	2018-11-02 20:10:07	DataFile Name :	031SMPL_P7110218.D

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zinc	66-2	9.78	9.43	9.57	9.59	1.81	ppb
Zirconium	90-1	0.32	0.28	0.34	0.31	9.35	ppb
Zirconium	91-1	0.32	0.34	0.37	0.34	6.62	ppb

LB Number :	LB99065	Operator :	Jaswal
Lab Sample ID :	CCV95	Instrumnet Name :	P7
Client Sample ID :	CCV95	Dilution Factor :	1
Date & Time Acquired ::	2018-11-02 20:13:41	DataFile Name :	032CCV_P7110218.D

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	49813.34	50163.31	50971.47	50316.04	1.18	ppb
Antimony	121-1	470.72	473.41	479.97	474.70	1.00	ppb
Arsenic	75-2	480.24	488.85	485.24	484.78	0.89	ppb
Barium	135-1	2490.66	2492.21	2525.51	2502.79	0.79	ppb
Barium	137-1	2514.60	2474.92	2518.70	2502.74	0.97	ppb
Beryllium	9-1	513.88	518.28	508.87	513.68	0.92	ppb
Bismuth	209-1				88		%
Bismuth	209-2				87		%
Boron	10-1	500.33	504.94	502.41	502.56	0.46	ppb
Boron	11-1	494.31	501.75	504.30	500.12	1.04	ppb
Cadmium	111-1	469.93	467.90	474.80	470.88	0.75	ppb
Cadmium	106-1	464.74	466.31	481.45	470.84	1.96	ppb
Cadmium	108-1	471.10	468.76	472.84	470.90	0.43	ppb
Calcium	43-1	238165.80	236704.70	237600.58	237490.36	0.31	ppb
Calcium	44-1	238616.03	236333.40	237675.03	237541.49	0.48	ppb
Chromium	52-2	523.89	529.26	532.93	528.69	0.86	ppb
Cobalt	59-2	510.25	515.18	513.47	512.96	0.49	ppb
Copper	63-2	978.09	984.09	989.70	983.96	0.59	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				100		%
Holmium	165-2				99		%
Indium	115-1				88		%
Indium	115-2				90		%
Iron	56-2	128149.64	129860.40	129207.60	129072.54	0.67	ppb
Iron	57-2	127713.46	128869.43	128850.77	128477.89	0.52	ppb
Krypton	83-1						cps
Lead	206-1	528.70	527.92	528.74	528.45	0.09	ppb
Lead	207-1	527.41	525.96	526.13	526.50	0.15	ppb
Lead	208-1	527.19	525.75	527.13	526.69	0.15	ppb
Lithium	6-1				89		%
Magnesium	24-2	237638.36	239410.24	242008.59	239685.73	0.92	ppb

LB Number :	LB99065	Operator :	Jaswal
Lab Sample ID :	CCV95	Instrumnet Name :	P7
Client Sample ID :	CCV95	Dilution Factor :	1
Date & Time Acquired ::	2018-11-02 20:13:41	DataFile Name :	032CCV_P7110218.D

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	1011.59	1020.87	1025.79	1019.41	0.71	ppb
Molybdenum	94-1	2573.64	2567.25	2575.18	2572.02	0.16	ppb
Molybdenum	95-1	2567.77	2565.88	2586.30	2573.31	0.44	ppb
Molybdenum	96-1	2577.23	2579.59	2590.37	2582.40	0.27	ppb
Molybdenum	97-1	2576.18	2578.28	2587.68	2580.71	0.24	ppb
Molybdenum	98-1	2599.17	2576.48	2592.53	2589.39	0.45	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	506.93	509.98	511.80	509.57	0.48	ppb
Phosphorus	31-2	9940.24	9742.70	9966.26	9883.06	1.24	ppb
Potassium	39-2	120087.40	120214.22	122524.35	120941.99	1.13	ppb
Rhodium	103-1				85		%
Rhodium	103-2				85		%
Scandium	45-1				90		%
Scandium	45-2				92		%
Selenium	77-2	450.64	471.07	457.73	459.82	2.26	ppb
Selenium	78-2	477.27	484.60	479.38	480.42	0.79	ppb
Selenium	82-1	470.34	470.23	473.70	471.42	0.42	ppb
Silicon	28-1	504.13	513.12	519.79	512.35	1.53	ppb
Silver	109-1	474.44	468.54	473.21	472.06	0.66	ppb
Silver	107-1	470.98	472.52	475.65	473.05	0.50	ppb
Sodium	23-2	245686.69	247977.95	248523.33	247395.99	0.61	ppb
Strontium	86-1	511.94	511.13	513.34	512.14	0.22	ppb
Strontium	88-1	511.64	508.47	511.48	510.53	0.35	ppb
Sulfur	34-1	9324.02	9333.58	9370.71	9342.77	0.26	ppb
Terbium	159-1				99		%
Terbium	159-2				97		%
Thallium	203-1	524.02	525.57	528.43	526.00	0.43	ppb
Thallium	205-1	529.33	530.56	529.28	529.72	0.14	ppb
Thorium	232-1	544.36	541.39	541.72	542.49	0.30	ppb
Tin	118-1	496.34	491.92	498.53	495.60	0.68	ppb
Titanium	47-1	2574.85	2573.54	2590.47	2579.62	0.37	ppb
Uranium	238-1	540.86	540.61	544.58	542.01	0.41	ppb
Vanadium	51-2	510.23	517.38	520.09	515.90	0.99	ppb
Yttrium	89-1				93		%
Yttrium	89-2				94		%

LB Number :	LB99065	Operator :	Jaswal
Lab Sample ID :	CCV95	Instrumnet Name :	P7
Client Sample ID :	CCV95	Dilution Factor :	1
Date & Time Acquired ::	2018-11-02 20:13:41	DataFile Name :	032CCV_P7110218.D

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zinc	66-2	934.05	948.29	951.55	944.63	0.99	ppb
Zirconium	90-1	517.98	514.77	518.12	516.96	0.37	ppb
Zirconium	91-1	510.59	513.37	513.87	512.61	0.34	ppb

LB Number :	LB99065	Operator :	Jaswal
Lab Sample ID :	CCB95	Instrumnet Name :	P7
Client Sample ID :	CCB95	Dilution Factor :	1
Date & Time Acquired ::	2018-11-02 20:21:54	DataFile Name :	033CCBE_P7110218.D

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	0.43	1.18	1.41	1.01	50.82	ppb
Antimony	121-1	0.11	0.13	0.14	0.13	11.53	ppb
Arsenic	75-2	-0.04	-0.03	-0.01	-0.02		ppb
Barium	135-1	0.04	0.05	0.08	0.06	34.87	ppb
Barium	137-1	0.03	0.04	0.04	0.03	14.04	ppb
Beryllium	9-1	0.01	0.02	0.01	0.01	3.78	ppb
Bismuth	209-1				106		%
Bismuth	209-2				106		%
Boron	10-1	3.90	3.95	4.18	4.01	3.81	ppb
Boron	11-1	3.80	3.85	3.74	3.80	1.47	ppb
Cadmium	111-1	-0.02	-0.03	-0.02	-0.02		ppb
Cadmium	106-1	-1.58	-1.97	-1.60	-1.72		ppb
Cadmium	108-1	-0.05	-0.03	-0.07	-0.05		ppb
Calcium	43-1	2.63	4.45	3.55	3.54	25.75	ppb
Calcium	44-1	5.99	5.38	6.55	5.97	9.76	ppb
Chromium	52-2	0.03	0.02	0.01	0.02	45.34	ppb
Cobalt	59-2	0.00	0.00	0.00	0.00	47.50	ppb
Copper	63-2	0.06	0.09	0.09	0.08	17.61	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				105		%
Holmium	165-2				107		%
Indium	115-1				103		%
Indium	115-2				104		%
Iron	56-2	3.00	3.28	3.58	3.29	8.82	ppb
Iron	57-2	2.24	3.66	4.75	3.55	35.50	ppb
Krypton	83-1						cps
Lead	206-1	0.01	0.01	0.02	0.01	17.34	ppb
Lead	207-1	0.01	0.00	0.01	0.01	58.91	ppb
Lead	208-1	0.01	0.01	0.01	0.01	9.99	ppb
Lithium	6-1				102		%
Magnesium	24-2	5.55	5.29	6.19	5.67	8.24	ppb

LB Number :	LB99065	Operator :	Jaswal
Lab Sample ID :	CCB95	Instrumnet Name :	P7
Client Sample ID :	CCB95	Dilution Factor :	1
Date & Time Acquired ::	2018-11-02 20:21:54	DataFile Name :	033CCBE_P7110218.D

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	0.04	0.04	0.05	0.04	14.39	ppb
Molybdenum	94-1	0.10	0.10	0.10	0.10	3.64	ppb
Molybdenum	95-1	0.11	0.10	0.08	0.10	11.65	ppb
Molybdenum	96-1	0.11	0.11	0.11	0.11	3.78	ppb
Molybdenum	97-1	0.11	0.12	0.10	0.11	10.65	ppb
Molybdenum	98-1	0.12	0.10	0.09	0.10	16.14	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.03	0.03	0.02	0.03	12.72	ppb
Phosphorus	31-2	-9.56	-6.74	-11.40	-9.23		ppb
Potassium	39-2	3.98	1.90	1.50	2.46	54.13	ppb
Rhodium	103-1				104		%
Rhodium	103-2				104		%
Scandium	45-1				101		%
Scandium	45-2				101		%
Selenium	77-2	-0.19	-0.83	0.23	-0.26		ppb
Selenium	78-2	-0.16	0.19	-0.30	-0.09		ppb
Selenium	82-1	0.56	0.46	0.51	0.51	9.82	ppb
Silicon	28-1	-1.09	-0.97	-0.28	-0.78		ppb
Silver	109-1	0.07	0.06	0.06	0.06	7.82	ppb
Silver	107-1	0.07	0.06	0.07	0.07	4.88	ppb
Sodium	23-2	19.14	19.94	20.35	19.81	3.11	ppb
Strontium	86-1	-0.01	-0.01	-0.05	-0.02		ppb
Strontium	88-1	0.01	0.01	0.02	0.01	37.09	ppb
Sulfur	34-1	-865.52	-801.70	-605.02	-757.41		ppb
Terbium	159-1				105		%
Terbium	159-2				106		%
Thallium	203-1	0.01	0.01	0.02	0.01	11.37	ppb
Thallium	205-1	0.02	0.02	0.02	0.02	1.76	ppb
Thorium	232-1	0.02	0.02	0.02	0.02	11.68	ppb
Tin	118-1	0.02	0.03	0.03	0.03	26.62	ppb
Titanium	47-1	0.05	0.02	0.02	0.03	50.69	ppb
Uranium	238-1	0.00	0.00	0.00	0.00	58.27	ppb
Vanadium	51-2	0.01	0.02	0.02	0.02	23.96	ppb
Yttrium	89-1				103		%
Yttrium	89-2				105		%

LB Number :	LB99065	Operator :	Jaswal
Lab Sample ID :	CCB95	Instrumnet Name :	P7
Client Sample ID :	CCB95	Dilution Factor :	1
Date & Time Acquired ::	2018-11-02 20:21:54	DataFile Name :	033CCBE_P7110218.D

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zinc	66-2	0.02	-0.10	0.00	-0.03		ppb
Zirconium	90-1	0.02	0.02	0.02	0.02	10.72	ppb
Zirconium	91-1	0.02	0.00	0.03	0.02	78.66	ppb

LB Number :	LB99065	Operator :	Jaswal
Lab Sample ID :	J5780-07LX5	Instrumnet Name :	P7
Client Sample ID :	CPS133081L	Dilution Factor :	5
Date & Time Acquired ::	2018-11-02 20:25:28	DataFile Name :	034SMPL_P7110218.D

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	81.71	81.81	83.19	82.24	1.00	ppb
Antimony	121-1	1.57	1.52	1.45	1.51	4.16	ppb
Arsenic	75-2	1.52	1.51	1.57	1.53	2.07	ppb
Barium	135-1	14.89	14.96	14.97	14.94	0.30	ppb
Barium	137-1	14.92	14.64	14.87	14.81	1.02	ppb
Beryllium	9-1	0.01	0.02	0.03	0.02	39.29	ppb
Bismuth	209-1				101		%
Bismuth	209-2				100		%
Boron	10-1	13.40	13.80	13.58	13.60	1.48	ppb
Boron	11-1	13.83	13.76	13.83	13.81	0.28	ppb
Cadmium	111-1	1.26	0.02	0.01	0.43	169.01	ppb
Cadmium	106-1	52.18	-0.86	-1.33	16.66	184.58	ppb
Cadmium	108-1	-0.03	-0.01	0.01	-0.01		ppb
Calcium	43-1	15734.50	15579.41	15696.34	15670.08	0.52	ppb
Calcium	44-1	15624.51	15540.96	15552.22	15572.56	0.29	ppb
Chromium	52-2	0.34	0.38	0.39	0.37	7.32	ppb
Cobalt	59-2	0.17	0.18	0.22	0.19	13.34	ppb
Copper	63-2	0.38	0.37	0.42	0.39	6.68	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				102		%
Holmium	165-2				101		%
Indium	115-1				98		%
Indium	115-2				99		%
Iron	56-2	2837.86	2815.00	2851.36	2834.74	0.65	ppb
Iron	57-2	2857.44	2859.44	2869.75	2862.21	0.23	ppb
Krypton	83-1						cps
Lead	206-1	0.13	0.14	0.12	0.13	6.77	ppb
Lead	207-1	0.13	0.12	0.11	0.12	11.25	ppb
Lead	208-1	0.13	0.13	0.12	0.13	4.28	ppb
Lithium	6-1				99		%
Magnesium	24-2	394.38	401.86	435.18	410.47	5.29	ppb

LB Number :	LB99065	Operator :	Jaswal
Lab Sample ID :	J5780-07LX5	Instrumnet Name :	P7
Client Sample ID :	CPS133081L	Dilution Factor :	5
Date & Time Acquired ::	2018-11-02 20:25:28	DataFile Name :	034SMPL_P7110218.D

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	193.53	194.35	195.82	194.57	0.60	ppb
Molybdenum	94-1	0.35	0.31	0.39	0.35	12.46	ppb
Molybdenum	95-1	0.31	0.29	0.31	0.30	4.27	ppb
Molybdenum	96-1	0.31	0.30	0.34	0.32	6.29	ppb
Molybdenum	97-1	0.31	0.29	0.31	0.31	3.81	ppb
Molybdenum	98-1	0.29	0.29	0.29	0.29	0.69	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.23	0.21	0.25	0.23	8.50	ppb
Phosphorus	31-2	72.04	61.70	50.21	61.32	17.81	ppb
Potassium	39-2	205.97	202.32	223.07	210.45	5.26	ppb
Rhodium	103-1				98		%
Rhodium	103-2				99		%
Scandium	45-1				96		%
Scandium	45-2				96		%
Selenium	77-2	1.17	0.08	-0.58	0.23	392.60	ppb
Selenium	78-2	-0.07	0.72	0.45	0.37	108.98	ppb
Selenium	82-1	0.50	0.55	0.38	0.48	17.49	ppb
Silicon	28-1	1633.22	1609.66	1623.73	1622.20	0.73	ppb
Silver	109-1	0.17	0.14	0.13	0.15	10.89	ppb
Silver	107-1	0.17	0.14	0.15	0.15	7.41	ppb
Sodium	23-2	848.91	848.10	897.93	864.98	3.30	ppb
Strontium	86-1	106.77	108.54	107.88	107.73	0.83	ppb
Strontium	88-1	106.82	106.74	107.43	107.00	0.35	ppb
Sulfur	34-1	-406.24	-476.32	-466.14	-449.57		ppb
Terbium	159-1				101		%
Terbium	159-2				101		%
Thallium	203-1	0.05	0.05	0.05	0.05	8.51	ppb
Thallium	205-1	0.06	0.05	0.04	0.05	25.17	ppb
Thorium	232-1	0.04	0.04	0.04	0.04	3.78	ppb
Tin	118-1	0.09	0.08	0.07	0.08	9.39	ppb
Titanium	47-1	6.89	4.01	2.39	4.43	51.38	ppb
Uranium	238-1	0.03	0.02	0.03	0.03	2.79	ppb
Vanadium	51-2	0.23	0.25	0.41	0.30	32.78	ppb
Yttrium	89-1				98		%
Yttrium	89-2				99		%

LB Number :	LB99065	Operator :	Jaswal
Lab Sample ID :	J5780-07LX5	Instrumnet Name :	P7
Client Sample ID :	CPS133081L	Dilution Factor :	5
Date & Time Acquired ::	2018-11-02 20:25:28	DataFile Name :	034SMPL_P7110218.D

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zinc	66-2	1.89	1.67	1.87	1.81	6.81	ppb
Zirconium	90-1	0.08	0.09	0.08	0.08	4.90	ppb
Zirconium	91-1	0.09	0.07	0.09	0.08	14.96	ppb

LB Number :	LB99065	Operator :	Jaswal
Lab Sample ID :	J5780-07MS	Instrumnet Name :	P7
Client Sample ID :	CPS133081MS	Dilution Factor :	1
Date & Time Acquired ::	2018-11-02 20:29:02	DataFile Name :	035SMPL_P7110218.D

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	9712.80	9773.56	9663.37	9716.58	0.57	ppb
Antimony	121-1	496.86	496.51	488.61	494.00	0.94	ppb
Arsenic	75-2	498.57	503.32	496.54	499.48	0.70	ppb
Barium	135-1	2561.04	2577.70	2553.91	2564.22	0.48	ppb
Barium	137-1	2565.05	2572.15	2548.04	2561.75	0.48	ppb
Beryllium	9-1	421.33	418.39	414.94	418.22	0.76	ppb
Bismuth	209-1				87		%
Bismuth	209-2				84		%
Boron	10-1	470.14	472.05	472.78	471.66	0.29	ppb
Boron	11-1	475.58	482.10	478.65	478.78	0.68	ppb
Cadmium	111-1	485.57	492.60	488.46	488.88	0.72	ppb
Cadmium	106-1	476.57	481.52	474.62	477.57	0.74	ppb
Cadmium	108-1	488.14	488.08	481.07	485.76	0.84	ppb
Calcium	43-1	125589.23	124239.98	123706.64	124511.95	0.78	ppb
Calcium	44-1	124738.58	123698.72	122848.49	123761.93	0.76	ppb
Chromium	52-2	508.58	511.27	506.78	508.87	0.44	ppb
Cobalt	59-2	520.55	525.52	522.00	522.69	0.49	ppb
Copper	63-2	1069.77	1078.45	1070.62	1072.95	0.45	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				94		%
Holmium	165-2				92		%
Indium	115-1				86		%
Indium	115-2				84		%
Iron	56-2	39326.05	39481.40	39144.37	39317.27	0.43	ppb
Iron	57-2	39839.78	40149.74	39557.64	39849.05	0.74	ppb
Krypton	83-1						cps
Lead	206-1	510.29	506.34	508.16	508.26	0.39	ppb
Lead	207-1	492.67	492.58	494.77	493.34	0.25	ppb
Lead	208-1	502.29	500.95	500.99	501.41	0.15	ppb
Lithium	6-1				99		%
Magnesium	24-2	53160.96	53451.14	53288.80	53300.30	0.27	ppb

LB Number :	LB99065	Operator :	Jaswal
Lab Sample ID :	J5780-07MS	Instrumnet Name :	P7
Client Sample ID :	CPS133081MS	Dilution Factor :	1
Date & Time Acquired ::	2018-11-02 20:29:02	DataFile Name :	035SMPL_P7110218.D

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	1972.35	1980.82	1966.33	1973.17	0.37	ppb
Molybdenum	94-1	2496.09	2508.09	2486.69	2496.95	0.43	ppb
Molybdenum	95-1	2515.39	2517.15	2499.40	2510.65	0.39	ppb
Molybdenum	96-1	2518.89	2532.65	2511.84	2521.13	0.42	ppb
Molybdenum	97-1	2506.27	2523.36	2500.67	2510.10	0.47	ppb
Molybdenum	98-1	2505.39	2537.39	2500.29	2514.36	0.80	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	526.23	529.67	525.85	527.25	0.40	ppb
Phosphorus	31-2	309.89	306.79	287.42	301.37	4.04	ppb
Potassium	39-2	24596.20	24625.85	24683.22	24635.09	0.18	ppb
Rhodium	103-1				85		%
Rhodium	103-2				84		%
Scandium	45-1				87		%
Scandium	45-2				85		%
Selenium	77-2	493.94	477.04	480.70	483.89	1.84	ppb
Selenium	78-2	477.53	475.67	485.07	479.42	1.04	ppb
Selenium	82-1	492.15	496.33	488.48	492.32	0.80	ppb
Silicon	28-1	8184.45	8095.95	7985.29	8088.56	1.23	ppb
Silver	109-1	483.99	485.24	481.07	483.43	0.44	ppb
Silver	107-1	490.28	492.57	487.05	489.97	0.57	ppb
Sodium	23-2	52572.50	52856.31	52833.09	52753.97	0.30	ppb
Strontium	86-1	1029.04	1036.69	1027.39	1031.04	0.48	ppb
Strontium	88-1	1031.91	1032.30	1024.85	1029.69	0.41	ppb
Sulfur	34-1	-348.75	-570.10	-835.69	-584.84		ppb
Terbium	159-1				93		%
Terbium	159-2				91		%
Thallium	203-1	512.54	510.41	506.96	509.97	0.55	ppb
Thallium	205-1	513.70	509.41	513.34	512.15	0.46	ppb
Thorium	232-1	0.33	0.30	0.30	0.31	5.38	ppb
Tin	118-1	514.55	513.30	503.13	510.33	1.23	ppb
Titanium	47-1	2500.74	2488.81	2478.01	2489.19	0.46	ppb
Uranium	238-1	502.71	501.32	504.36	502.80	0.30	ppb
Vanadium	51-2	505.21	507.92	504.26	505.80	0.37	ppb
Yttrium	89-1				89		%
Yttrium	89-2				87		%

LB Number :	LB99065	Operator :	Jaswal
Lab Sample ID :	J5780-07MS	Instrumnet Name :	P7
Client Sample ID :	CPS133081MS	Dilution Factor :	1
Date & Time Acquired ::	2018-11-02 20:29:02	DataFile Name :	035SMPL_P7110218.D

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zinc	66-2	992.79	997.63	987.58	992.67	0.51	ppb
Zirconium	90-1	498.62	499.76	498.22	498.87	0.16	ppb
Zirconium	91-1	492.15	497.51	495.66	495.11	0.55	ppb

LB Number :	LB99065	Operator :	Jaswal
Lab Sample ID :	J5780-07MSD	Instrumnet Name :	P7
Client Sample ID :	CPS133081MSD	Dilution Factor :	1
Date & Time Acquired ::	2018-11-02 20:32:37	DataFile Name :	036SMPL_P7110218.D

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	9725.41	9777.68	9698.95	9734.01	0.41	ppb
Antimony	121-1	495.42	494.97	496.48	495.62	0.16	ppb
Arsenic	75-2	500.24	502.31	501.08	501.21	0.21	ppb
Barium	135-1	2571.74	2582.17	2590.58	2581.49	0.37	ppb
Barium	137-1	2568.29	2582.70	2583.93	2578.31	0.34	ppb
Beryllium	9-1	426.05	424.96	425.05	425.35	0.14	ppb
Bismuth	209-1				86		%
Bismuth	209-2				84		%
Boron	10-1	480.73	485.94	489.80	485.49	0.94	ppb
Boron	11-1	483.83	487.15	504.81	491.93	2.29	ppb
Cadmium	111-1	489.00	494.99	493.11	492.37	0.62	ppb
Cadmium	106-1	478.74	474.17	485.15	479.36	1.15	ppb
Cadmium	108-1	478.33	482.58	487.17	482.69	0.92	ppb
Calcium	43-1	124674.60	123760.37	125000.04	124478.34	0.52	ppb
Calcium	44-1	124003.79	124097.30	124066.50	124055.86	0.04	ppb
Chromium	52-2	512.48	517.33	511.05	513.62	0.64	ppb
Cobalt	59-2	527.46	530.24	527.88	528.53	0.28	ppb
Copper	63-2	1067.45	1068.16	1065.34	1066.98	0.14	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				94		%
Holmium	165-2				91		%
Indium	115-1				85		%
Indium	115-2				84		%
Iron	56-2	39433.66	39600.88	39399.89	39478.14	0.27	ppb
Iron	57-2	39897.64	40293.99	39964.48	40052.04	0.53	ppb
Krypton	83-1						cps
Lead	206-1	512.79	507.11	517.99	512.63	1.06	ppb
Lead	207-1	498.36	496.77	503.81	499.64	0.74	ppb
Lead	208-1	507.32	503.39	510.68	507.13	0.72	ppb
Lithium	6-1				95		%
Magnesium	24-2	52768.70	52645.19	52576.18	52663.36	0.19	ppb

LB Number :	LB99065	Operator :	Jaswal
Lab Sample ID :	J5780-07MSD	Instrumnet Name :	P7
Client Sample ID :	CPS133081MSD	Dilution Factor :	1
Date & Time Acquired ::	2018-11-02 20:32:37	DataFile Name :	036SMPL_P7110218.D

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	1970.49	1993.24	1969.11	1977.61	0.69	ppb
Molybdenum	94-1	2501.21	2524.48	2517.48	2514.39	0.47	ppb
Molybdenum	95-1	2493.05	2526.07	2533.49	2517.54	0.86	ppb
Molybdenum	96-1	2531.19	2544.67	2547.28	2541.05	0.34	ppb
Molybdenum	97-1	2548.24	2556.83	2541.76	2548.94	0.30	ppb
Molybdenum	98-1	2556.24	2548.80	2539.04	2548.02	0.34	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	532.23	530.19	529.15	530.52	0.30	ppb
Phosphorus	31-2	284.60	303.39	293.19	293.73	3.20	ppb
Potassium	39-2	24700.32	24867.32	24596.62	24721.42	0.55	ppb
Rhodium	103-1				84		%
Rhodium	103-2				84		%
Scandium	45-1				85		%
Scandium	45-2				84		%
Selenium	77-2	484.16	475.64	485.59	481.80	1.12	ppb
Selenium	78-2	485.38	477.59	480.66	481.21	0.82	ppb
Selenium	82-1	492.99	492.20	492.08	492.42	0.10	ppb
Silicon	28-1	7877.78	7908.84	7948.13	7911.58	0.45	ppb
Silver	109-1	486.03	485.40	488.12	486.51	0.29	ppb
Silver	107-1	487.59	487.18	490.73	488.50	0.40	ppb
Sodium	23-2	52561.15	52588.56	52075.79	52408.50	0.55	ppb
Strontium	86-1	1042.65	1039.06	1037.48	1039.73	0.25	ppb
Strontium	88-1	1035.77	1028.30	1034.80	1032.95	0.39	ppb
Sulfur	34-1	-1036.63	-1143.94	-1243.30	-1141.29		ppb
Terbium	159-1				93		%
Terbium	159-2				91		%
Thallium	203-1	517.10	515.18	517.07	516.45	0.21	ppb
Thallium	205-1	518.11	515.61	518.88	517.54	0.33	ppb
Thorium	232-1	0.24	0.24	0.24	0.24	0.67	ppb
Tin	118-1	510.02	511.30	512.81	511.38	0.27	ppb
Titanium	47-1	2498.21	2509.40	2501.08	2502.90	0.23	ppb
Uranium	238-1	514.49	506.07	509.23	509.93	0.83	ppb
Vanadium	51-2	508.61	512.76	509.45	510.27	0.43	ppb
Yttrium	89-1				88		%
Yttrium	89-2				87		%

LB Number :	LB99065	Operator :	Jaswal
Lab Sample ID :	J5780-07MSD	Instrumnet Name :	P7
Client Sample ID :	CPS133081MSD	Dilution Factor :	1
Date & Time Acquired ::	2018-11-02 20:32:37	DataFile Name :	036SMPL_P7110218.D

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zinc	66-2	996.90	1004.71	992.44	998.02	0.62	ppb
Zirconium	90-1	505.33	503.50	501.52	503.45	0.38	ppb
Zirconium	91-1	503.19	501.09	501.22	501.83	0.24	ppb

LB Number :	LB99065	Operator :	Jaswal
Lab Sample ID :	J5780-07A	Instrumnet Name :	P7
Client Sample ID :	CPS133081A	Dilution Factor :	1
Date & Time Acquired ::	2018-11-02 20:36:13	DataFile Name :	037SMPL_P7110218.D

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	9640.95	9697.28	9638.08	9658.77	0.35	ppb
Antimony	121-1	491.08	486.45	491.96	489.83	0.60	ppb
Arsenic	75-2	500.73	501.16	492.88	498.25	0.94	ppb
Barium	135-1	2570.63	2541.50	2574.38	2562.17	0.70	ppb
Barium	137-1	2554.12	2533.82	2576.32	2554.75	0.83	ppb
Beryllium	9-1	422.81	418.11	423.75	421.56	0.72	ppb
Bismuth	209-1				87		%
Bismuth	209-2				84		%
Boron	10-1	484.58	482.13	496.57	487.76	1.58	ppb
Boron	11-1	489.11	490.05	494.92	491.36	0.63	ppb
Cadmium	111-1	489.74	481.97	490.33	487.34	0.96	ppb
Cadmium	106-1	472.21	469.00	476.24	472.48	0.77	ppb
Cadmium	108-1	480.15	477.28	481.11	479.51	0.42	ppb
Calcium	43-1	124981.53	123011.42	124699.20	124230.72	0.86	ppb
Calcium	44-1	124523.98	123144.99	124213.53	123960.83	0.58	ppb
Chromium	52-2	507.52	511.92	511.49	510.31	0.48	ppb
Cobalt	59-2	522.70	527.69	527.19	525.86	0.52	ppb
Copper	63-2	1066.19	1078.76	1069.17	1071.37	0.61	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				94		%
Holmium	165-2				91		%
Indium	115-1				85		%
Indium	115-2				84		%
Iron	56-2	39347.25	39473.07	39316.46	39378.93	0.21	ppb
Iron	57-2	39797.54	39956.25	39647.77	39800.52	0.39	ppb
Krypton	83-1						cps
Lead	206-1	510.95	506.89	508.63	508.82	0.40	ppb
Lead	207-1	492.92	494.30	498.64	495.29	0.60	ppb
Lead	208-1	502.95	501.03	503.69	502.55	0.27	ppb
Lithium	6-1				94		%
Magnesium	24-2	52666.50	52512.39	52549.93	52576.27	0.15	ppb

LB Number :	LB99065	Operator :	Jaswal
Lab Sample ID :	J5780-07A	Instrumnet Name :	P7
Client Sample ID :	CPS133081A	Dilution Factor :	1
Date & Time Acquired ::	2018-11-02 20:36:13	DataFile Name :	037SMPL_P7110218.D

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	1964.47	1972.06	1968.03	1968.18	0.19	ppb
Molybdenum	94-1	2511.65	2518.70	2502.86	2511.07	0.32	ppb
Molybdenum	95-1	2521.60	2510.63	2521.68	2517.97	0.25	ppb
Molybdenum	96-1	2520.68	2524.41	2529.97	2525.02	0.19	ppb
Molybdenum	97-1	2525.19	2518.58	2524.59	2522.79	0.14	ppb
Molybdenum	98-1	2525.31	2525.17	2515.01	2521.83	0.23	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	524.45	530.04	529.85	528.11	0.60	ppb
Phosphorus	31-2	276.00	273.81	284.66	278.16	2.06	ppb
Potassium	39-2	24695.92	24667.50	24533.61	24632.34	0.35	ppb
Rhodium	103-1				85		%
Rhodium	103-2				83		%
Scandium	45-1				84		%
Scandium	45-2				84		%
Selenium	77-2	489.11	472.89	459.00	473.67	3.18	ppb
Selenium	78-2	485.39	486.91	480.67	484.32	0.67	ppb
Selenium	82-1	488.57	493.31	490.27	490.71	0.49	ppb
Silicon	28-1	7992.96	7907.66	7910.50	7937.04	0.61	ppb
Silver	109-1	485.40	479.55	487.87	484.27	0.88	ppb
Silver	107-1	490.03	481.37	486.37	485.92	0.90	ppb
Sodium	23-2	51910.86	52017.70	51907.39	51945.32	0.12	ppb
Strontium	86-1	1027.45	1036.58	1040.71	1034.91	0.66	ppb
Strontium	88-1	1028.14	1027.72	1029.57	1028.47	0.09	ppb
Sulfur	34-1	-1277.72	-1351.44	-1365.38	-1331.51		ppb
Terbium	159-1				93		%
Terbium	159-2				91		%
Thallium	203-1	510.89	513.00	515.88	513.25	0.49	ppb
Thallium	205-1	512.12	511.90	514.85	512.96	0.32	ppb
Thorium	232-1	0.22	0.23	0.23	0.23	2.08	ppb
Tin	118-1	508.34	504.79	507.21	506.78	0.36	ppb
Titanium	47-1	2505.58	2494.82	2503.74	2501.38	0.23	ppb
Uranium	238-1	506.12	504.17	511.57	507.29	0.76	ppb
Vanadium	51-2	505.84	506.08	506.52	506.15	0.07	ppb
Yttrium	89-1				88		%
Yttrium	89-2				87		%

LB Number :	LB99065	Operator :	Jaswal
Lab Sample ID :	J5780-07A	Instrumnet Name :	P7
Client Sample ID :	CPS133081A	Dilution Factor :	1
Date & Time Acquired ::	2018-11-02 20:36:13	DataFile Name :	037SMPL_P7110218.D

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zinc	66-2	990.38	1003.62	992.47	995.49	0.71	ppb
Zirconium	90-1	500.12	498.12	499.89	499.37	0.22	ppb
Zirconium	91-1	494.98	498.74	494.99	496.24	0.44	ppb

LB Number :	LB99065	Operator :	Jaswal
Lab Sample ID :	J5769-21DLX5	Instrumnet Name :	P7
Client Sample ID :	MW-1DL	Dilution Factor :	5
Date & Time Acquired ::	2018-11-02 20:39:49	DataFile Name :	038SMPL_P7110218.D

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	300.18	287.42	285.50	291.04	2.74	ppb
Antimony	121-1	0.71	0.65	0.68	0.68	3.96	ppb
Arsenic	75-2	1.25	1.37	1.34	1.32	4.63	ppb
Barium	135-1	29.99	30.37	30.25	30.20	0.64	ppb
Barium	137-1	29.99	30.26	30.36	30.20	0.63	ppb
Beryllium	9-1	0.08	0.08	0.06	0.07	16.10	ppb
Bismuth	209-1				101		%
Bismuth	209-2				99		%
Boron	10-1	24.33	22.93	22.56	23.27	4.03	ppb
Boron	11-1	24.97	23.94	23.07	23.99	3.95	ppb
Cadmium	111-1	0.09	0.06	0.07	0.07	20.48	ppb
Cadmium	106-1	-0.78	-2.22	-1.30	-1.43		ppb
Cadmium	108-1	0.10	0.11	0.06	0.09	25.47	ppb
Calcium	43-1	8433.89	8329.22	8266.74	8343.29	1.01	ppb
Calcium	44-1	8401.35	8308.61	8280.75	8330.23	0.76	ppb
Chromium	52-2	1.37	1.33	1.39	1.36	2.00	ppb
Cobalt	59-2	0.57	0.55	0.54	0.56	2.49	ppb
Copper	63-2	1.83	1.84	1.89	1.85	1.87	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				103		%
Holmium	165-2				101		%
Indium	115-1				97		%
Indium	115-2				96		%
Iron	56-2	1833.89	1809.23	1824.59	1822.57	0.68	ppb
Iron	57-2	1818.68	1809.38	1856.14	1828.07	1.35	ppb
Krypton	83-1						cps
Lead	206-1	147.44	150.88	148.94	149.09	1.16	ppb
Lead	207-1	123.39	125.52	124.10	124.34	0.87	ppb
Lead	208-1	132.95	134.92	134.13	134.00	0.74	ppb
Lithium	6-1				93		%
Magnesium	24-2	1943.92	1931.95	1947.61	1941.16	0.42	ppb

LB Number :	LB99065	Operator :	Jaswal
Lab Sample ID :	J5769-21DLX5	Instrumnet Name :	P7
Client Sample ID :	MW-1DL	Dilution Factor :	5
Date & Time Acquired ::	2018-11-02 20:39:49	DataFile Name :	038SMPL_P7110218.D

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	37.20	37.10	37.43	37.25	0.45	ppb
Molybdenum	94-1	0.60	0.59	0.61	0.60	1.60	ppb
Molybdenum	95-1	0.60	0.58	0.51	0.56	8.46	ppb
Molybdenum	96-1	0.63	0.57	0.59	0.59	4.66	ppb
Molybdenum	97-1	0.61	0.53	0.56	0.57	6.80	ppb
Molybdenum	98-1	0.57	0.57	0.54	0.56	3.11	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	1.28	1.26	1.23	1.26	1.83	ppb
Phosphorus	31-2	43.74	54.58	61.98	53.43	17.17	ppb
Potassium	39-2	512.25	503.00	508.54	507.93	0.92	ppb
Rhodium	103-1				97		%
Rhodium	103-2				96		%
Scandium	45-1				93		%
Scandium	45-2				92		%
Selenium	77-2	-0.11	0.34	0.58	0.27	127.78	ppb
Selenium	78-2	0.25	0.28	0.83	0.45	72.38	ppb
Selenium	82-1	0.19	0.93	0.72	0.62	62.14	ppb
Silicon	28-1	1132.74	1138.40	1133.10	1134.75	0.28	ppb
Silver	109-1	0.06	0.06	0.06	0.06	2.43	ppb
Silver	107-1	0.06	0.06	0.05	0.06	10.80	ppb
Sodium	23-2	15883.95	15670.65	15770.86	15775.16	0.68	ppb
Strontium	86-1	23.14	23.25	22.81	23.07	0.99	ppb
Strontium	88-1	23.02	22.84	22.97	22.94	0.41	ppb
Sulfur	34-1	-815.83	-700.62	-738.74	-751.73		ppb
Terbium	159-1				102		%
Terbium	159-2				100		%
Thallium	203-1	0.11	0.10	0.08	0.10	15.41	ppb
Thallium	205-1	0.12	0.10	0.08	0.10	17.11	ppb
Thorium	232-1	0.14	0.15	0.14	0.14	3.84	ppb
Tin	118-1	0.15	0.16	0.15	0.15	3.78	ppb
Titanium	47-1	14.67	15.11	14.63	14.80	1.79	ppb
Uranium	238-1	0.18	0.19	0.18	0.19	2.52	ppb
Vanadium	51-2	2.52	2.53	2.59	2.55	1.58	ppb
Yttrium	89-1				98		%
Yttrium	89-2				96		%

LB Number :	LB99065	Operator :	Jaswal
Lab Sample ID :	J5769-21DLX5	Instrumnet Name :	P7
Client Sample ID :	MW-1DL	Dilution Factor :	5
Date & Time Acquired ::	2018-11-02 20:39:49	DataFile Name :	038SMPL_P7110218.D

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zinc	66-2	6.03	5.74	5.55	5.77	4.17	ppb
Zirconium	90-1	0.14	0.16	0.16	0.15	7.82	ppb
Zirconium	91-1	0.14	0.11	0.12	0.13	10.97	ppb

LB Number :	LB99065	Operator :	Jaswal
Lab Sample ID :	J5769-22DLX5	Instrumnet Name :	P7
Client Sample ID :	FB-10-31-18DL	Dilution Factor :	5
Date & Time Acquired ::	2018-11-02 20:43:24	DataFile Name :	039SMPL_P7110218.D

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	-0.39	0.80	-0.25	0.05	1219.38	ppb
Antimony	121-1	0.03	0.05	0.04	0.04	18.14	ppb
Arsenic	75-2	-0.04	-0.01	-0.02	-0.02		ppb
Barium	135-1	0.04	0.04	0.03	0.04	25.37	ppb
Barium	137-1	0.05	0.02	0.04	0.04	35.93	ppb
Beryllium	9-1	0.02	0.01	0.03	0.02	26.95	ppb
Bismuth	209-1				101		%
Bismuth	209-2				102		%
Boron	10-1	7.82	7.94	8.20	7.98	2.43	ppb
Boron	11-1	8.04	8.21	7.88	8.04	2.01	ppb
Cadmium	111-1	-0.03	-0.01	0.00	-0.01		ppb
Cadmium	106-1	-1.78	-1.77	-0.98	-1.51		ppb
Cadmium	108-1	0.03	0.02	0.00	0.02	91.97	ppb
Calcium	43-1	7.47	8.67	6.48	7.54	14.52	ppb
Calcium	44-1	9.44	9.05	9.88	9.46	4.39	ppb
Chromium	52-2	0.03	0.03	0.04	0.03	23.63	ppb
Cobalt	59-2	0.00	0.00	0.00	0.00	113.57	ppb
Copper	63-2	0.11	0.10	0.11	0.11	2.60	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				102		%
Holmium	165-2				102		%
Indium	115-1				97		%
Indium	115-2				100		%
Iron	56-2	0.78	0.79	0.79	0.79	0.66	ppb
Iron	57-2	0.44	0.95	0.90	0.76	36.29	ppb
Krypton	83-1						cps
Lead	206-1	0.02	0.02	0.01	0.02	30.40	ppb
Lead	207-1	0.02	0.01	0.00	0.01	60.38	ppb
Lead	208-1	0.02	0.01	0.01	0.02	13.05	ppb
Lithium	6-1				93		%
Magnesium	24-2	0.99	1.11	0.73	0.94	20.52	ppb

LB Number :	LB99065	Operator :	Jaswal
Lab Sample ID :	J5769-22DLX5	Instrumnet Name :	P7
Client Sample ID :	FB-10-31-18DL	Dilution Factor :	5
Date & Time Acquired ::	2018-11-02 20:43:24	DataFile Name :	039SMPL_P7110218.D

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	0.03	0.04	0.03	0.03	15.22	ppb
Molybdenum	94-1	0.10	0.07	0.09	0.09	15.73	ppb
Molybdenum	95-1	0.11	0.09	0.09	0.10	11.00	ppb
Molybdenum	96-1	0.09	0.11	0.11	0.10	8.86	ppb
Molybdenum	97-1	0.10	0.09	0.09	0.10	7.17	ppb
Molybdenum	98-1	0.13	0.09	0.09	0.10	21.66	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.02	0.04	0.04	0.03	24.45	ppb
Phosphorus	31-2	-6.38	-6.64	-19.10	-10.71		ppb
Potassium	39-2	0.18	-2.64	-1.09	-1.18		ppb
Rhodium	103-1				99		%
Rhodium	103-2				100		%
Scandium	45-1				94		%
Scandium	45-2				94		%
Selenium	77-2	-0.13	0.08	0.09	0.01	1075.70	ppb
Selenium	78-2	0.05	-0.14	0.06	-0.01		ppb
Selenium	82-1	0.41	0.26	0.51	0.39	32.69	ppb
Silicon	28-1	0.86	0.55	0.59	0.66	25.35	ppb
Silver	109-1	0.02	0.01	0.02	0.02	11.73	ppb
Silver	107-1	0.01	0.02	0.01	0.01	34.43	ppb
Sodium	23-2	15.28	15.42	14.29	15.00	4.09	ppb
Strontium	86-1	0.01	0.02	0.00	0.01	83.30	ppb
Strontium	88-1	0.02	0.02	0.02	0.02	11.79	ppb
Sulfur	34-1	-1466.74	-1381.22	-1373.56	-1407.17		ppb
Terbium	159-1				101		%
Terbium	159-2				102		%
Thallium	203-1	0.03	0.02	0.03	0.02	16.44	ppb
Thallium	205-1	0.03	0.03	0.03	0.03	7.79	ppb
Thorium	232-1	0.00	0.00	0.00	0.00		ppb
Tin	118-1	0.04	0.06	0.06	0.05	16.96	ppb
Titanium	47-1	0.07	0.02	0.07	0.05	51.28	ppb
Uranium	238-1	0.00	0.00	0.00	0.00	51.09	ppb
Vanadium	51-2	0.01	0.01	0.00	0.01	49.22	ppb
Yttrium	89-1				97		%
Yttrium	89-2				99		%

LB Number :	LB99065	Operator :	Jaswal
Lab Sample ID :	J5769-22DLX5	Instrumnet Name :	P7
Client Sample ID :	FB-10-31-18DL	Dilution Factor :	5
Date & Time Acquired ::	2018-11-02 20:43:24	DataFile Name :	039SMPL_P7110218.D

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zinc	66-2	2.55	2.47	2.79	2.60	6.53	ppb
Zirconium	90-1	0.01	0.01	0.00	0.01	67.37	ppb
Zirconium	91-1	0.01	0.00	0.02	0.01	116.24	ppb

LB Number :	LB99065	Operator :	Jaswal
Lab Sample ID :	J5780-01DLX5	Instrumnet Name :	P7
Client Sample ID :	CPS07381DL	Dilution Factor :	5
Date & Time Acquired ::	2018-11-02 20:46:59	DataFile Name :	040SMPL_P7110218.D

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	4.67	5.95	7.00	5.87	19.89	ppb
Antimony	121-1	0.54	0.54	0.52	0.53	1.50	ppb
Arsenic	75-2	8.36	8.41	8.42	8.40	0.40	ppb
Barium	135-1	15.55	15.73	15.76	15.68	0.71	ppb
Barium	137-1	15.58	15.50	15.65	15.57	0.49	ppb
Beryllium	9-1	0.03	0.02	0.02	0.02	20.15	ppb
Bismuth	209-1				99		%
Bismuth	209-2				98		%
Boron	10-1	13.88	14.41	14.13	14.14	1.88	ppb
Boron	11-1	13.75	13.85	13.75	13.78	0.40	ppb
Cadmium	111-1	0.02	0.01	0.01	0.01	38.68	ppb
Cadmium	106-1	-0.70	-1.06	-0.99	-0.92		ppb
Cadmium	108-1	0.01	0.06	0.01	0.03	92.57	ppb
Calcium	43-1	13423.82	13557.01	13441.14	13473.99	0.54	ppb
Calcium	44-1	13567.05	13553.17	13562.48	13560.90	0.05	ppb
Chromium	52-2	0.18	0.21	0.19	0.19	7.52	ppb
Cobalt	59-2	0.50	0.51	0.49	0.50	2.20	ppb
Copper	63-2	0.19	0.22	0.19	0.20	8.52	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				99		%
Holmium	165-2				99		%
Indium	115-1				95		%
Indium	115-2				96		%
Iron	56-2	702.62	717.84	707.11	709.19	1.10	ppb
Iron	57-2	747.58	769.93	750.73	756.08	1.60	ppb
Krypton	83-1						cps
Lead	206-1	0.03	0.03	0.03	0.03	9.66	ppb
Lead	207-1	0.02	0.03	0.02	0.02	22.66	ppb
Lead	208-1	0.03	0.03	0.02	0.03	8.76	ppb
Lithium	6-1				93		%
Magnesium	24-2	1337.30	1369.76	1352.59	1353.21	1.20	ppb

LB Number :	LB99065	Operator :	Jaswal
Lab Sample ID :	J5780-01DLX5	Instrumnet Name :	P7
Client Sample ID :	CPS07381DL	Dilution Factor :	5
Date & Time Acquired ::	2018-11-02 20:46:59	DataFile Name :	040SMPL_P7110218.D

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	79.25	79.86	78.52	79.21	0.85	ppb
Molybdenum	94-1	0.09	0.08	0.07	0.08	16.35	ppb
Molybdenum	95-1	0.08	0.06	0.08	0.07	11.11	ppb
Molybdenum	96-1	0.09	0.10	0.08	0.09	11.19	ppb
Molybdenum	97-1	0.08	0.08	0.09	0.08	7.90	ppb
Molybdenum	98-1	0.09	0.07	0.08	0.08	12.52	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.35	0.34	0.28	0.33	11.65	ppb
Phosphorus	31-2	2.79	3.43	-5.29	0.31	1553.59	ppb
Potassium	39-2	293.09	293.21	289.18	291.83	0.79	ppb
Rhodium	103-1				96		%
Rhodium	103-2				96		%
Scandium	45-1				92		%
Scandium	45-2				92		%
Selenium	77-2	-1.01	1.05	1.04	0.36	332.92	ppb
Selenium	78-2	0.22	-0.05	0.56	0.24	125.15	ppb
Selenium	82-1	0.77	0.40	0.71	0.63	31.46	ppb
Silicon	28-1	665.35	664.44	666.73	665.51	0.17	ppb
Silver	109-1	0.03	0.03	0.03	0.03	11.11	ppb
Silver	107-1	0.03	0.04	0.03	0.04	11.66	ppb
Sodium	23-2	808.98	823.88	814.06	815.64	0.93	ppb
Strontium	86-1	103.81	105.39	104.67	104.62	0.76	ppb
Strontium	88-1	103.67	104.28	104.42	104.12	0.38	ppb
Sulfur	34-1	7258.67	7227.67	7265.29	7250.54	0.28	ppb
Terbium	159-1				99		%
Terbium	159-2				99		%
Thallium	203-1	0.05	0.04	0.03	0.04	31.82	ppb
Thallium	205-1	0.05	0.03	0.03	0.04	29.00	ppb
Thorium	232-1	0.00	0.00	0.00	0.00	100.26	ppb
Tin	118-1	0.11	0.09	0.11	0.11	10.96	ppb
Titanium	47-1	0.30	1.29	0.23	0.61	97.05	ppb
Uranium	238-1	0.01	0.01	0.01	0.01	7.72	ppb
Vanadium	51-2	0.11	0.14	0.08	0.11	24.31	ppb
Yttrium	89-1				95		%
Yttrium	89-2				96		%

LB Number :	LB99065	Operator :	Jaswal
Lab Sample ID :	J5780-01DLX5	Instrumnet Name :	P7
Client Sample ID :	CPS07381DL	Dilution Factor :	5
Date & Time Acquired ::	2018-11-02 20:46:59	DataFile Name :	040SMPL_P7110218.D

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zinc	66-2	2.04	1.87	1.99	1.97	4.55	ppb
Zirconium	90-1	0.02	0.01	0.01	0.01	21.97	ppb
Zirconium	91-1	0.01	0.01	0.01	0.01	28.78	ppb

LB Number : LB99065 Operator : Jaswal
 Lab Sample ID : J5780-03DLX5 Instrumnet Name : P7
 Client Sample ID : CPS073082DL Dilution Factor : 5
 Date & Time Acquired :: 2018-11-02 20:50:34 DataFile Name : 041SMPL_P7110218.D

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	8.42	7.53	6.87	7.61	10.23	ppb
Antimony	121-1	0.49	0.47	0.46	0.47	2.99	ppb
Arsenic	75-2	8.44	8.52	8.72	8.56	1.69	ppb
Barium	135-1	16.59	17.03	16.88	16.84	1.33	ppb
Barium	137-1	16.62	16.69	16.66	16.65	0.21	ppb
Beryllium	9-1	0.01	0.01	0.03	0.02	53.87	ppb
Bismuth	209-1				99		%
Bismuth	209-2				99		%
Boron	10-1	13.92	12.78	13.32	13.34	4.25	ppb
Boron	11-1	12.95	12.97	13.20	13.04	1.09	ppb
Cadmium	111-1	0.02	-0.01	0.00	0.00	2185.20	ppb
Cadmium	106-1	-0.29	-1.64	-1.39	-1.10		ppb
Cadmium	108-1	-0.04	-0.09	-0.04	-0.06		ppb
Calcium	43-1	14419.72	14352.88	14542.71	14438.44	0.67	ppb
Calcium	44-1	14530.17	14394.80	14442.20	14455.72	0.48	ppb
Chromium	52-2	0.20	0.21	0.20	0.20	2.37	ppb
Cobalt	59-2	0.54	0.56	0.52	0.54	3.63	ppb
Copper	63-2	0.20	0.21	0.19	0.20	5.03	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				100		%
Holmium	165-2				100		%
Indium	115-1				96		%
Indium	115-2				97		%
Iron	56-2	762.83	766.44	751.82	760.36	1.00	ppb
Iron	57-2	807.20	811.74	801.04	806.66	0.67	ppb
Krypton	83-1						cps
Lead	206-1	0.03	0.03	0.03	0.03	1.57	ppb
Lead	207-1	0.02	0.02	0.03	0.02	24.46	ppb
Lead	208-1	0.03	0.03	0.03	0.03	10.88	ppb
Lithium	6-1				93		%
Magnesium	24-2	1422.45	1437.82	1422.55	1427.61	0.62	ppb

LB Number :	LB99065	Operator :	Jaswal
Lab Sample ID :	J5780-03DLX5	Instrumnet Name :	P7
Client Sample ID :	CPS073082DL	Dilution Factor :	5
Date & Time Acquired ::	2018-11-02 20:50:34	DataFile Name :	041SMPL_P7110218.D

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	84.50	83.97	83.74	84.07	0.46	ppb
Molybdenum	94-1	0.07	0.06	0.05	0.06	9.42	ppb
Molybdenum	95-1	0.06	0.06	0.06	0.06	1.39	ppb
Molybdenum	96-1	0.09	0.07	0.09	0.08	11.01	ppb
Molybdenum	97-1	0.06	0.06	0.06	0.06	7.33	ppb
Molybdenum	98-1	0.07	0.06	0.07	0.07	8.89	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.35	0.31	0.31	0.32	7.41	ppb
Phosphorus	31-2	5.61	-3.36	-4.60	-0.79		ppb
Potassium	39-2	309.59	311.06	304.68	308.44	1.08	ppb
Rhodium	103-1				96		%
Rhodium	103-2				96		%
Scandium	45-1				92		%
Scandium	45-2				93		%
Selenium	77-2	-0.79	0.80	-0.34	-0.11		ppb
Selenium	78-2	0.44	-0.10	0.05	0.13	213.04	ppb
Selenium	82-1	0.46	0.57	0.83	0.62	30.38	ppb
Silicon	28-1	720.60	705.40	706.51	710.84	1.19	ppb
Silver	109-1	0.03	0.03	0.02	0.03	11.86	ppb
Silver	107-1	0.04	0.03	0.02	0.03	28.96	ppb
Sodium	23-2	853.26	869.31	854.40	858.99	1.04	ppb
Strontium	86-1	110.79	110.11	111.69	110.86	0.71	ppb
Strontium	88-1	110.64	110.96	111.68	111.09	0.48	ppb
Sulfur	34-1	7922.29	7765.36	7700.01	7795.88	1.47	ppb
Terbium	159-1				99		%
Terbium	159-2				99		%
Thallium	203-1	0.02	0.01	0.01	0.01	29.95	ppb
Thallium	205-1	0.02	0.02	0.02	0.02	6.30	ppb
Thorium	232-1	0.00	0.00	0.00	0.00	57.28	ppb
Tin	118-1	0.10	0.10	0.09	0.10	5.10	ppb
Titanium	47-1	0.33	0.39	0.37	0.36	9.07	ppb
Uranium	238-1	0.01	0.01	0.01	0.01	6.98	ppb
Vanadium	51-2	0.11	0.10	0.10	0.10	5.90	ppb
Yttrium	89-1				96		%
Yttrium	89-2				97		%

LB Number :	LB99065	Operator :	Jaswal
Lab Sample ID :	J5780-03DLX5	Instrumnet Name :	P7
Client Sample ID :	CPS073082DL	Dilution Factor :	5
Date & Time Acquired ::	2018-11-02 20:50:34	DataFile Name :	041SMPL_P7110218.D

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zinc	66-2	2.56	2.69	2.47	2.57	4.19	ppb
Zirconium	90-1	0.02	0.02	0.02	0.02	11.55	ppb
Zirconium	91-1	0.02	0.03	0.01	0.02	64.40	ppb

LB Number :	LB99065	Operator :	Jaswal
Lab Sample ID :	J5780-05DLX5	Instrumnet Name :	P7
Client Sample ID :	CPS113081DL	Dilution Factor :	5
Date & Time Acquired ::	2018-11-02 20:54:09	DataFile Name :	042SMPL_P7110218.D

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	8.53	8.13	6.68	7.78	12.47	ppb
Antimony	121-1	0.44	0.42	0.43	0.43	2.82	ppb
Arsenic	75-2	0.65	0.77	0.56	0.66	16.00	ppb
Barium	135-1	8.26	8.47	8.34	8.36	1.24	ppb
Barium	137-1	8.20	8.36	8.41	8.32	1.32	ppb
Beryllium	9-1	0.01	0.00	0.01	0.01	45.13	ppb
Bismuth	209-1				100		%
Bismuth	209-2				99		%
Boron	10-1	18.32	18.90	18.37	18.53	1.72	ppb
Boron	11-1	18.66	18.49	18.86	18.67	1.00	ppb
Cadmium	111-1	0.00	-0.03	0.00	-0.01		ppb
Cadmium	106-1	-0.65	-1.76	-0.72	-1.04		ppb
Cadmium	108-1	0.09	0.05	-0.05	0.03	230.66	ppb
Calcium	43-1	6113.85	6058.06	6099.91	6090.61	0.48	ppb
Calcium	44-1	6097.61	6049.53	6037.76	6061.64	0.52	ppb
Chromium	52-2	0.20	0.22	0.19	0.20	8.54	ppb
Cobalt	59-2	0.42	0.48	0.44	0.45	7.21	ppb
Copper	63-2	0.11	0.20	0.11	0.14	39.00	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				101		%
Holmium	165-2				100		%
Indium	115-1				97		%
Indium	115-2				98		%
Iron	56-2	778.68	788.84	784.09	783.87	0.65	ppb
Iron	57-2	814.45	809.23	814.78	812.82	0.38	ppb
Krypton	83-1						cps
Lead	206-1	0.02	0.01	0.02	0.02	29.85	ppb
Lead	207-1	0.02	0.02	0.01	0.01	46.86	ppb
Lead	208-1	0.03	0.02	0.02	0.02	17.88	ppb
Lithium	6-1				93		%
Magnesium	24-2	730.14	731.23	722.38	727.92	0.66	ppb

LB Number :	LB99065	Operator :	Jaswal
Lab Sample ID :	J5780-05DLX5	Instrumnet Name :	P7
Client Sample ID :	CPS113081DL	Dilution Factor :	5
Date & Time Acquired ::	2018-11-02 20:54:09	DataFile Name :	042SMPL_P7110218.D

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	14.86	15.62	15.27	15.25	2.48	ppb
Molybdenum	94-1	0.08	0.06	0.07	0.07	16.67	ppb
Molybdenum	95-1	0.08	0.08	0.08	0.08	5.65	ppb
Molybdenum	96-1	0.06	0.07	0.08	0.07	14.25	ppb
Molybdenum	97-1	0.07	0.10	0.07	0.08	21.33	ppb
Molybdenum	98-1	0.08	0.07	0.07	0.07	10.78	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.08	0.10	0.08	0.08	12.11	ppb
Phosphorus	31-2	-1.78	-0.27	-8.07	-3.37		ppb
Potassium	39-2	336.90	337.20	339.13	337.74	0.36	ppb
Rhodium	103-1				97		%
Rhodium	103-2				98		%
Scandium	45-1				93		%
Scandium	45-2				93		%
Selenium	77-2	0.11	0.76	0.56	0.48	70.62	ppb
Selenium	78-2	0.72	0.43	0.27	0.47	47.75	ppb
Selenium	82-1	0.53	0.68	0.47	0.56	19.66	ppb
Silicon	28-1	540.26	536.18	533.05	536.50	0.67	ppb
Silver	109-1	0.02	0.02	0.03	0.02	15.96	ppb
Silver	107-1	0.03	0.03	0.02	0.02	9.10	ppb
Sodium	23-2	373.70	375.22	377.79	375.57	0.55	ppb
Strontium	86-1	49.47	50.23	48.98	49.56	1.27	ppb
Strontium	88-1	49.03	49.26	49.33	49.21	0.32	ppb
Sulfur	34-1	-974.69	-912.41	-895.12	-927.40		ppb
Terbium	159-1				100		%
Terbium	159-2				100		%
Thallium	203-1	0.01	0.01	0.01	0.01	30.02	ppb
Thallium	205-1	0.01	0.01	0.01	0.01	23.01	ppb
Thorium	232-1	0.00	0.00	0.00	0.00	73.49	ppb
Tin	118-1	0.09	0.09	0.11	0.09	10.54	ppb
Titanium	47-1	0.62	0.23	0.87	0.57	56.65	ppb
Uranium	238-1	0.01	0.01	0.01	0.01	8.64	ppb
Vanadium	51-2	0.09	0.10	0.07	0.09	18.11	ppb
Yttrium	89-1				97		%
Yttrium	89-2				98		%

LB Number :	LB99065	Operator :	Jaswal
Lab Sample ID :	J5780-05DLX5	Instrumnet Name :	P7
Client Sample ID :	CPS113081DL	Dilution Factor :	5
Date & Time Acquired ::	2018-11-02 20:54:09	DataFile Name :	042SMPL_P7110218.D

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zinc	66-2	1.43	1.77	1.72	1.64	11.20	ppb
Zirconium	90-1	0.02	0.02	0.02	0.02	6.96	ppb
Zirconium	91-1	0.00	0.00	0.03	0.01	133.99	ppb

LB Number :	LB99065	Operator :	Jaswal
Lab Sample ID :	J5780-07DLX5	Instrumnet Name :	P7
Client Sample ID :	CPS133081DL	Dilution Factor :	5
Date & Time Acquired ::	2018-11-02 20:57:43	DataFile Name :	043SMPL_P7110218.D

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	78.86	82.30	84.61	81.92	3.53	ppb
Antimony	121-1	0.40	0.43	0.40	0.41	4.25	ppb
Arsenic	75-2	1.36	1.62	1.55	1.51	8.95	ppb
Barium	135-1	14.53	14.70	15.21	14.81	2.38	ppb
Barium	137-1	14.64	14.86	14.92	14.81	1.00	ppb
Beryllium	9-1	0.02	0.02	0.00	0.01	77.93	ppb
Bismuth	209-1				101		%
Bismuth	209-2				100		%
Boron	10-1	13.29	13.52	14.41	13.74	4.30	ppb
Boron	11-1	14.33	14.36	14.28	14.32	0.29	ppb
Cadmium	111-1	-0.02	-0.02	0.00	-0.01		ppb
Cadmium	106-1	-1.19	-1.55	-0.22	-0.99		ppb
Cadmium	108-1	-0.05	-0.08	-0.03	-0.05		ppb
Calcium	43-1	15414.00	15692.20	15536.12	15547.44	0.90	ppb
Calcium	44-1	15458.16	15568.20	15419.26	15481.87	0.50	ppb
Chromium	52-2	0.33	0.32	0.37	0.34	8.97	ppb
Cobalt	59-2	0.16	0.19	0.15	0.17	12.23	ppb
Copper	63-2	0.52	0.56	0.55	0.54	3.69	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				101		%
Holmium	165-2				101		%
Indium	115-1				98		%
Indium	115-2				98		%
Iron	56-2	2851.91	2867.44	2876.96	2865.43	0.44	ppb
Iron	57-2	2882.37	2876.75	2890.72	2883.28	0.24	ppb
Krypton	83-1						cps
Lead	206-1	0.10	0.12	0.11	0.11	6.14	ppb
Lead	207-1	0.10	0.09	0.09	0.10	8.77	ppb
Lead	208-1	0.11	0.10	0.10	0.10	4.37	ppb
Lithium	6-1				94		%
Magnesium	24-2	385.61	384.78	391.70	387.36	0.98	ppb

LB Number :	LB99065	Operator :	Jaswal
Lab Sample ID :	J5780-07DLX5	Instrumnet Name :	P7
Client Sample ID :	CPS133081DL	Dilution Factor :	5
Date & Time Acquired ::	2018-11-02 20:57:43	DataFile Name :	043SMPL_P7110218.D

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	194.04	196.19	195.59	195.27	0.57	ppb
Molybdenum	94-1	0.26	0.27	0.28	0.27	3.83	ppb
Molybdenum	95-1	0.27	0.27	0.25	0.26	3.30	ppb
Molybdenum	96-1	0.31	0.32	0.31	0.31	2.64	ppb
Molybdenum	97-1	0.27	0.27	0.26	0.27	2.24	ppb
Molybdenum	98-1	0.28	0.29	0.28	0.28	2.41	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.26	0.26	0.25	0.26	1.45	ppb
Phosphorus	31-2	50.96	40.01	55.72	48.89	16.48	ppb
Potassium	39-2	197.83	195.42	197.41	196.89	0.65	ppb
Rhodium	103-1				98		%
Rhodium	103-2				98		%
Scandium	45-1				94		%
Scandium	45-2				94		%
Selenium	77-2	-0.12	-0.12	-0.57	-0.27		ppb
Selenium	78-2	0.26	0.45	0.06	0.26	74.14	ppb
Selenium	82-1	0.44	0.63	0.41	0.49	24.07	ppb
Silicon	28-1	1552.74	1558.33	1547.50	1552.86	0.35	ppb
Silver	109-1	0.02	0.03	0.03	0.03	8.88	ppb
Silver	107-1	0.03	0.03	0.03	0.03	3.57	ppb
Sodium	23-2	789.56	796.98	799.39	795.31	0.64	ppb
Strontium	86-1	107.21	108.50	107.28	107.66	0.67	ppb
Strontium	88-1	106.62	107.34	107.39	107.12	0.40	ppb
Sulfur	34-1	-1081.17	-1117.05	-1107.52	-1101.92		ppb
Terbium	159-1				100		%
Terbium	159-2				101		%
Thallium	203-1	0.01	0.00	0.00	0.00	188.07	ppb
Thallium	205-1	0.00	0.00	0.00	0.00	168.70	ppb
Thorium	232-1	0.02	0.03	0.02	0.02	5.95	ppb
Tin	118-1	0.11	0.12	0.13	0.12	6.85	ppb
Titanium	47-1	2.43	1.37	6.60	3.46	79.79	ppb
Uranium	238-1	0.03	0.02	0.02	0.02	9.29	ppb
Vanadium	51-2	0.24	0.28	0.23	0.25	11.35	ppb
Yttrium	89-1				98		%
Yttrium	89-2				98		%

LB Number :	LB99065	Operator :	Jaswal
Lab Sample ID :	J5780-07DLX5	Instrumnet Name :	P7
Client Sample ID :	CPS133081DL	Dilution Factor :	5
Date & Time Acquired ::	2018-11-02 20:57:43	DataFile Name :	043SMPL_P7110218.D

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zinc	66-2	2.06	2.17	2.22	2.15	3.90	ppb
Zirconium	90-1	0.05	0.05	0.06	0.06	5.89	ppb
Zirconium	91-1	0.08	0.05	0.05	0.06	25.69	ppb

LB Number :	LB99065	Operator :	Jaswal
Lab Sample ID :	CCV96	Instrumnet Name :	P7
Client Sample ID :	CCV96	Dilution Factor :	1
Date & Time Acquired ::	2018-11-02 21:08:30	DataFile Name :	046CCV_P7110218.D

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	49688.65	50030.69	49903.22	49874.19	0.35	ppb
Antimony	121-1	483.64	494.10	488.33	488.69	1.07	ppb
Arsenic	75-2	475.72	473.88	478.91	476.17	0.54	ppb
Barium	135-1	2477.50	2521.97	2524.07	2507.85	1.05	ppb
Barium	137-1	2478.15	2532.08	2516.58	2508.94	1.11	ppb
Beryllium	9-1	509.99	520.12	518.09	516.06	1.04	ppb
Bismuth	209-1				84		%
Bismuth	209-2				84		%
Boron	10-1	486.01	504.21	507.19	499.14	2.30	ppb
Boron	11-1	483.62	498.06	506.10	495.93	2.30	ppb
Cadmium	111-1	514.11	523.06	520.40	519.19	0.89	ppb
Cadmium	106-1	509.45	514.29	511.39	511.71	0.48	ppb
Cadmium	108-1	507.87	517.57	517.55	514.33	1.09	ppb
Calcium	43-1	234790.04	236445.61	235864.62	235700.09	0.36	ppb
Calcium	44-1	234341.03	236601.83	235317.54	235420.13	0.48	ppb
Chromium	52-2	518.26	520.55	521.59	520.13	0.33	ppb
Cobalt	59-2	502.44	506.67	506.93	505.35	0.50	ppb
Copper	63-2	992.76	1000.78	996.03	996.52	0.40	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				95		%
Holmium	165-2				97		%
Indium	115-1				85		%
Indium	115-2				90		%
Iron	56-2	127677.84	127913.19	127404.00	127665.01	0.20	ppb
Iron	57-2	126939.74	127209.53	126719.16	126956.15	0.19	ppb
Krypton	83-1						cps
Lead	206-1	516.91	515.62	516.72	516.41	0.14	ppb
Lead	207-1	511.07	516.44	518.88	515.46	0.77	ppb
Lead	208-1	514.42	516.40	517.74	516.19	0.32	ppb
Lithium	6-1				86		%
Magnesium	24-2	237038.08	239654.56	238649.10	238447.25	0.55	ppb

LB Number :	LB99065	Operator :	Jaswal
Lab Sample ID :	CCV96	Instrumnet Name :	P7
Client Sample ID :	CCV96	Dilution Factor :	1
Date & Time Acquired ::	2018-11-02 21:08:30	DataFile Name :	046CCV_P7110218.D

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	1008.77	1018.84	1012.89	1013.50	0.50	ppb
Molybdenum	94-1	2540.68	2539.37	2516.17	2532.07	0.54	ppb
Molybdenum	95-1	2536.71	2556.09	2513.13	2535.31	0.85	ppb
Molybdenum	96-1	2555.32	2566.74	2531.73	2551.26	0.70	ppb
Molybdenum	97-1	2532.83	2559.15	2523.43	2538.47	0.73	ppb
Molybdenum	98-1	2535.13	2553.07	2526.53	2538.24	0.53	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	499.93	502.13	500.37	500.81	0.23	ppb
Phosphorus	31-2	9830.01	10082.73	9984.58	9965.77	1.28	ppb
Potassium	39-2	120888.17	121457.33	121613.57	121319.69	0.31	ppb
Rhodium	103-1				82		%
Rhodium	103-2				84		%
Scandium	45-1				88		%
Scandium	45-2				92		%
Selenium	77-2	482.08	468.09	470.51	473.56	1.58	ppb
Selenium	78-2	482.75	472.97	474.99	476.90	1.08	ppb
Selenium	82-1	474.63	483.63	477.08	478.45	0.97	ppb
Silicon	28-1	497.71	511.15	518.81	509.22	2.10	ppb
Silver	109-1	491.97	495.70	494.02	493.90	0.38	ppb
Silver	107-1	488.36	499.68	492.93	493.66	1.15	ppb
Sodium	23-2	238257.09	242262.73	242746.85	241088.89	1.02	ppb
Strontium	86-1	505.54	507.06	505.39	506.00	0.18	ppb
Strontium	88-1	503.50	505.30	506.64	505.15	0.31	ppb
Sulfur	34-1	9475.04	9603.66	9360.86	9479.85	1.28	ppb
Terbium	159-1				94		%
Terbium	159-2				96		%
Thallium	203-1	518.08	519.04	515.79	517.64	0.32	ppb
Thallium	205-1	522.16	520.76	518.84	520.59	0.32	ppb
Thorium	232-1	527.86	527.38	530.32	528.52	0.30	ppb
Tin	118-1	490.74	498.61	496.14	495.16	0.81	ppb
Titanium	47-1	2538.49	2546.98	2543.40	2542.96	0.17	ppb
Uranium	238-1	525.22	526.38	529.87	527.15	0.46	ppb
Vanadium	51-2	510.06	509.38	511.23	510.22	0.18	ppb
Yttrium	89-1				89		%
Yttrium	89-2				95		%

LB Number :	LB99065	Operator :	Jaswal
Lab Sample ID :	CCV96	Instrumnet Name :	P7
Client Sample ID :	CCV96	Dilution Factor :	1
Date & Time Acquired ::	2018-11-02 21:08:30	DataFile Name :	046CCV_P7110218.D

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zinc	66-2	980.98	990.75	990.20	987.31	0.56	ppb
Zirconium	90-1	512.53	508.45	508.68	509.88	0.45	ppb
Zirconium	91-1	507.81	509.12	502.23	506.38	0.72	ppb

LB Number :	LB99065	Operator :	Jaswal
Lab Sample ID :	CCB96	Instrumnet Name :	P7
Client Sample ID :	CCB96	Dilution Factor :	1
Date & Time Acquired ::	2018-11-02 21:12:16	DataFile Name :	047CCBE_P7110218.D

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	0.77	0.76	1.13	0.89	23.56	ppb
Antimony	121-1	0.33	0.33	0.33	0.33	1.04	ppb
Arsenic	75-2	-0.02	-0.03	-0.02	-0.02		ppb
Barium	135-1	0.11	0.07	0.07	0.08	34.16	ppb
Barium	137-1	0.12	0.11	0.09	0.11	12.31	ppb
Beryllium	9-1	0.05	0.03	0.05	0.04	19.76	ppb
Bismuth	209-1				104		%
Bismuth	209-2				105		%
Boron	10-1	12.56	11.80	11.30	11.89	5.36	ppb
Boron	11-1	12.07	11.39	10.66	11.37	6.18	ppb
Cadmium	111-1	0.05	0.04	0.02	0.04	34.05	ppb
Cadmium	106-1	-0.60	-0.73	-0.56	-0.63		ppb
Cadmium	108-1	-0.03	0.01	0.01	0.00		ppb
Calcium	43-1	8.48	4.43	7.12	6.68	30.87	ppb
Calcium	44-1	11.12	11.80	11.19	11.37	3.30	ppb
Chromium	52-2	-0.01	0.01	0.02	0.01	164.70	ppb
Cobalt	59-2	0.01	0.00	0.00	0.01	84.68	ppb
Copper	63-2	0.07	0.07	0.07	0.07	2.97	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				104		%
Holmium	165-2				106		%
Indium	115-1				101		%
Indium	115-2				105		%
Iron	56-2	4.04	3.68	3.58	3.77	6.50	ppb
Iron	57-2	3.58	3.57	4.18	3.77	9.32	ppb
Krypton	83-1						cps
Lead	206-1	0.04	0.05	0.04	0.04	14.83	ppb
Lead	207-1	0.04	0.03	0.04	0.04	13.05	ppb
Lead	208-1	0.04	0.05	0.04	0.04	7.18	ppb
Lithium	6-1				100		%
Magnesium	24-2	6.64	6.05	6.40	6.36	4.71	ppb

LB Number :	LB99065	Operator :	Jaswal
Lab Sample ID :	CCB96	Instrumnet Name :	P7
Client Sample ID :	CCB96	Dilution Factor :	1
Date & Time Acquired ::	2018-11-02 21:12:16	DataFile Name :	047CCBE_P7110218.D

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	0.04	0.05	0.02	0.03	40.16	ppb
Molybdenum	94-1	0.38	0.34	0.33	0.35	7.68	ppb
Molybdenum	95-1	0.51	0.43	0.38	0.44	15.67	ppb
Molybdenum	96-1	0.50	0.43	0.37	0.43	14.77	ppb
Molybdenum	97-1	0.50	0.44	0.40	0.45	11.28	ppb
Molybdenum	98-1	0.51	0.42	0.37	0.43	16.18	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.01	0.02	0.03	0.02	39.96	ppb
Phosphorus	31-2	-11.43	-13.14	-3.09	-9.22		ppb
Potassium	39-2	3.68	4.47	6.30	4.82	27.96	ppb
Rhodium	103-1				102		%
Rhodium	103-2				104		%
Scandium	45-1				100		%
Scandium	45-2				101		%
Selenium	77-2	-0.41	-0.20	-0.42	-0.34		ppb
Selenium	78-2	-0.14	-0.21	0.37	0.00	6621.54	ppb
Selenium	82-1	0.63	0.08	0.20	0.30	94.98	ppb
Silicon	28-1	2.62	1.88	1.22	1.91	36.90	ppb
Silver	109-1	0.04	0.03	0.04	0.04	6.05	ppb
Silver	107-1	0.05	0.04	0.04	0.04	3.79	ppb
Sodium	23-2	37.10	35.04	33.18	35.11	5.58	ppb
Strontium	86-1	-0.02	-0.03	0.02	-0.01		ppb
Strontium	88-1	0.02	0.02	0.02	0.02	5.37	ppb
Sulfur	34-1	-825.66	-891.93	-905.06	-874.22		ppb
Terbium	159-1				103		%
Terbium	159-2				105		%
Thallium	203-1	0.09	0.09	0.08	0.09	5.51	ppb
Thallium	205-1	0.09	0.08	0.08	0.09	10.34	ppb
Thorium	232-1	0.06	0.05	0.05	0.06	8.51	ppb
Tin	118-1	0.09	0.07	0.08	0.08	7.91	ppb
Titanium	47-1	0.12	0.09	0.10	0.11	15.00	ppb
Uranium	238-1	0.01	0.01	0.02	0.01	3.76	ppb
Vanadium	51-2	0.02	0.02	0.01	0.02	29.18	ppb
Yttrium	89-1				101		%
Yttrium	89-2				105		%

LB Number :	LB99065	Operator :	Jaswal
Lab Sample ID :	CCB96	Instrumnet Name :	P7
Client Sample ID :	CCB96	Dilution Factor :	1
Date & Time Acquired ::	2018-11-02 21:12:16	DataFile Name :	047CCBE_P7110218.D

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zinc	66-2	-0.01	-0.06	0.13	0.02	629.58	ppb
Zirconium	90-1	0.04	0.03	0.03	0.04	5.16	ppb
Zirconium	91-1	0.04	0.03	0.03	0.03	20.13	ppb

LB Number :	LB99065	Operator :	Jaswal
Lab Sample ID :	J5780-07DUPDLX5	Instrumnet Name :	P7
Client Sample ID :	CPS133081DUPDL	Dilution Factor :	5
Date & Time Acquired ::	2018-11-02 21:15:50	DataFile Name :	048SMPL_P7110218.D

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	68.17	72.82	82.93	74.64	10.11	ppb
Antimony	121-1	1.13	1.13	1.03	1.10	5.32	ppb
Arsenic	75-2	1.62	1.51	1.68	1.60	5.45	ppb
Barium	135-1	14.94	14.92	15.04	14.97	0.46	ppb
Barium	137-1	15.09	14.88	15.31	15.09	1.45	ppb
Beryllium	9-1	0.21	0.05	0.04	0.10	97.55	ppb
Bismuth	209-1				102		%
Bismuth	209-2				101		%
Boron	10-1	16.91	17.08	16.78	16.92	0.88	ppb
Boron	11-1	17.67	17.14	16.91	17.24	2.24	ppb
Cadmium	111-1	0.13	0.09	0.14	0.12	18.55	ppb
Cadmium	106-1	-1.46	-1.02	-0.96	-1.15		ppb
Cadmium	108-1	0.18	0.07	0.07	0.11	57.47	ppb
Calcium	43-1	15580.33	15743.37	15641.55	15655.08	0.53	ppb
Calcium	44-1	15662.19	15757.10	15596.04	15671.78	0.52	ppb
Chromium	52-2	0.32	0.33	0.33	0.32	1.50	ppb
Cobalt	59-2	0.17	0.17	0.17	0.17	2.98	ppb
Copper	63-2	0.43	0.38	0.38	0.40	7.77	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				104		%
Holmium	165-2				103		%
Indium	115-1				101		%
Indium	115-2				101		%
Iron	56-2	2867.69	2802.00	2831.93	2833.87	1.16	ppb
Iron	57-2	2871.20	2816.49	2840.52	2842.74	0.96	ppb
Krypton	83-1						cps
Lead	206-1	0.53	0.14	0.16	0.28	77.95	ppb
Lead	207-1	0.50	0.11	0.15	0.25	84.09	ppb
Lead	208-1	0.49	0.14	0.15	0.26	76.60	ppb
Lithium	6-1				100		%
Magnesium	24-2	398.57	393.98	392.23	394.93	0.83	ppb

LB Number :	LB99065	Operator :	Jaswal
Lab Sample ID :	J5780-07DUPDLX5	Instrumnet Name :	P7
Client Sample ID :	CPS133081DUPDL	Dilution Factor :	5
Date & Time Acquired ::	2018-11-02 21:15:50	DataFile Name :	048SMPL_P7110218.D

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	194.96	193.05	193.77	193.93	0.50	ppb
Molybdenum	94-1	0.72	0.40	0.84	0.65	34.71	ppb
Molybdenum	95-1	0.67	0.37	0.82	0.62	36.39	ppb
Molybdenum	96-1	0.62	0.40	0.82	0.61	34.33	ppb
Molybdenum	97-1	0.76	0.38	0.73	0.63	33.41	ppb
Molybdenum	98-1	0.51	0.37	0.65	0.51	27.55	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.24	0.20	0.18	0.21	13.63	ppb
Phosphorus	31-2	57.51	65.57	72.27	65.11	11.35	ppb
Potassium	39-2	217.03	211.80	214.42	214.42	1.22	ppb
Rhodium	103-1				101		%
Rhodium	103-2				101		%
Scandium	45-1				99		%
Scandium	45-2				99		%
Selenium	77-2	-0.39	0.04	-1.24	-0.53		ppb
Selenium	78-2	0.21	0.15	0.08	0.15	44.49	ppb
Selenium	82-1	0.60	0.77	0.44	0.60	27.21	ppb
Silicon	28-1	1634.03	1594.85	1598.31	1609.06	1.35	ppb
Silver	109-1	0.23	0.19	0.25	0.23	12.77	ppb
Silver	107-1	0.23	0.21	0.29	0.24	17.26	ppb
Sodium	23-2	855.06	844.99	844.94	848.33	0.69	ppb
Strontium	86-1	107.64	107.53	107.62	107.60	0.06	ppb
Strontium	88-1	106.39	107.29	106.75	106.81	0.42	ppb
Sulfur	34-1	-598.88	-595.69	-707.02	-633.86		ppb
Terbium	159-1				103		%
Terbium	159-2				103		%
Thallium	203-1	0.62	0.17	0.13	0.31	87.89	ppb
Thallium	205-1	0.63	0.18	0.14	0.32	85.86	ppb
Thorium	232-1	0.26	0.06	0.06	0.13	87.16	ppb
Tin	118-1	0.22	0.19	0.19	0.20	8.88	ppb
Titanium	47-1	3.46	1.93	1.70	2.36	40.51	ppb
Uranium	238-1	0.23	0.03	0.03	0.10	117.40	ppb
Vanadium	51-2	0.23	0.24	0.24	0.23	2.41	ppb
Yttrium	89-1				101		%
Yttrium	89-2				102		%

LB Number :	LB99065	Operator :	Jaswal
Lab Sample ID :	J5780-07DUPDLX5	Instrumnet Name :	P7
Client Sample ID :	CPS133081DUPDL	Dilution Factor :	5
Date & Time Acquired ::	2018-11-02 21:15:50	DataFile Name :	048SMPL_P7110218.D

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zinc	66-2	2.26	2.15	1.98	2.13	6.61	ppb
Zirconium	90-1	0.15	0.08	0.22	0.15	46.17	ppb
Zirconium	91-1	0.16	0.07	0.16	0.13	42.27	ppb

LB Number :	LB99065	Operator :	Jaswal
Lab Sample ID :	J5780-07LDLX25	Instrumnet Name :	P7
Client Sample ID :	CPS133081LDL	Dilution Factor :	25
Date & Time Acquired ::	2018-11-02 21:19:24	DataFile Name :	049SMPL_P7110218.D

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	13.87	18.21	18.58	16.89	15.52	ppb
Antimony	121-1	0.12	0.10	0.11	0.11	7.81	ppb
Arsenic	75-2	0.28	0.22	0.31	0.27	15.43	ppb
Barium	135-1	3.00	3.08	2.94	3.01	2.20	ppb
Barium	137-1	2.84	2.95	2.99	2.92	2.64	ppb
Beryllium	9-1	0.02	0.00	0.01	0.01	127.36	ppb
Bismuth	209-1				104		%
Bismuth	209-2				105		%
Boron	10-1	6.57	7.02	7.40	7.00	5.97	ppb
Boron	11-1	6.77	7.08	7.07	6.97	2.57	ppb
Cadmium	111-1	-0.01	-0.01	0.01	0.00		ppb
Cadmium	106-1	-1.07	-1.35	-0.85	-1.09		ppb
Cadmium	108-1	-0.05	-0.05	-0.04	-0.05		ppb
Calcium	43-1	3033.69	3051.69	3062.11	3049.16	0.47	ppb
Calcium	44-1	3019.70	3027.32	3014.52	3020.51	0.21	ppb
Chromium	52-2	0.06	0.07	0.06	0.06	4.52	ppb
Cobalt	59-2	0.03	0.03	0.02	0.03	14.24	ppb
Copper	63-2	0.08	0.06	0.07	0.07	9.63	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				105		%
Holmium	165-2				107		%
Indium	115-1				102		%
Indium	115-2				106		%
Iron	56-2	544.15	546.80	548.53	546.49	0.40	ppb
Iron	57-2	557.41	562.37	554.73	558.17	0.69	ppb
Krypton	83-1						cps
Lead	206-1	0.02	0.03	0.02	0.02	15.60	ppb
Lead	207-1	0.02	0.02	0.03	0.02	34.65	ppb
Lead	208-1	0.02	0.02	0.03	0.02	7.08	ppb
Lithium	6-1				101		%
Magnesium	24-2	75.71	78.07	76.86	76.88	1.54	ppb

LB Number :	LB99065	Operator :	Jaswal
Lab Sample ID :	J5780-07LDLX25	Instrumnet Name :	P7
Client Sample ID :	CPS133081LDL	Dilution Factor :	25
Date & Time Acquired ::	2018-11-02 21:19:24	DataFile Name :	049SMPL_P7110218.D

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	38.09	38.15	37.86	38.03	0.39	ppb
Molybdenum	94-1	0.09	0.11	0.09	0.09	11.27	ppb
Molybdenum	95-1	0.10	0.10	0.09	0.09	7.20	ppb
Molybdenum	96-1	0.11	0.10	0.09	0.10	10.37	ppb
Molybdenum	97-1	0.08	0.09	0.11	0.09	18.81	ppb
Molybdenum	98-1	0.11	0.09	0.09	0.10	10.16	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.05	0.05	0.05	0.05	4.83	ppb
Phosphorus	31-2	6.71	11.10	-11.70	2.04	593.69	ppb
Potassium	39-2	42.05	40.19	42.04	41.43	2.59	ppb
Rhodium	103-1				104		%
Rhodium	103-2				106		%
Scandium	45-1				101		%
Scandium	45-2				103		%
Selenium	77-2	-0.83	-0.63	-1.04	-0.83		ppb
Selenium	78-2	0.01	0.63	0.16	0.26	122.20	ppb
Selenium	82-1	0.41	0.33	0.63	0.45	34.24	ppb
Silicon	28-1	306.25	305.77	314.10	308.71	1.52	ppb
Silver	109-1	0.03	0.03	0.03	0.03	7.03	ppb
Silver	107-1	0.03	0.02	0.03	0.03	18.81	ppb
Sodium	23-2	174.61	172.20	175.73	174.18	1.03	ppb
Strontium	86-1	20.95	21.12	21.10	21.06	0.44	ppb
Strontium	88-1	20.98	20.89	20.93	20.93	0.23	ppb
Sulfur	34-1	-847.81	-851.90	-829.47	-843.06		ppb
Terbium	159-1				105		%
Terbium	159-2				107		%
Thallium	203-1	0.01	0.01	0.00	0.01	29.45	ppb
Thallium	205-1	0.01	0.01	0.01	0.01	35.27	ppb
Thorium	232-1	0.01	0.02	0.02	0.02	7.59	ppb
Tin	118-1	0.03	0.02	0.03	0.03	25.11	ppb
Titanium	47-1	0.87	0.32	0.58	0.59	46.86	ppb
Uranium	238-1	0.01	0.00	0.01	0.00	11.85	ppb
Vanadium	51-2	0.05	0.05	0.05	0.05	5.38	ppb
Yttrium	89-1				103		%
Yttrium	89-2				107		%

LB Number :	LB99065	Operator :	Jaswal
Lab Sample ID :	J5780-07LDLX25	Instrumnet Name :	P7
Client Sample ID :	CPS133081LDL	Dilution Factor :	25
Date & Time Acquired ::	2018-11-02 21:19:24	DataFile Name :	049SMPL_P7110218.D

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zinc	66-2	0.22	0.43	0.38	0.34	32.69	ppb
Zirconium	90-1	0.04	0.03	0.03	0.03	8.98	ppb
Zirconium	91-1	0.03	0.02	0.02	0.02	23.87	ppb

LB Number :	LB99065	Operator :	Jaswal
Lab Sample ID :	J5780-07MSDLX5	Instrumnet Name :	P7
Client Sample ID :	CPS133081MSDL	Dilution Factor :	5
Date & Time Acquired ::	2018-11-02 21:22:59	DataFile Name :	050SMPL_P7110218.D

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	1984.25	2025.58	1968.42	1992.75	1.48	ppb
Antimony	121-1	103.94	103.05	103.23	103.41	0.46	ppb
Arsenic	75-2	104.87	104.58	104.38	104.61	0.24	ppb
Barium	135-1	525.26	523.22	517.77	522.08	0.74	ppb
Barium	137-1	524.16	523.09	517.20	521.48	0.72	ppb
Beryllium	9-1	103.32	101.67	102.00	102.33	0.85	ppb
Bismuth	209-1				98		%
Bismuth	209-2				98		%
Boron	10-1	111.22	113.71	111.93	112.29	1.14	ppb
Boron	11-1	110.55	111.93	113.44	111.97	1.29	ppb
Cadmium	111-1	107.01	106.85	107.06	106.97	0.10	ppb
Cadmium	106-1	104.89	103.35	104.05	104.10	0.74	ppb
Cadmium	108-1	105.55	107.14	103.83	105.50	1.57	ppb
Calcium	43-1	25151.19	24957.33	25141.16	25083.23	0.44	ppb
Calcium	44-1	25036.94	24908.17	24748.70	24897.94	0.58	ppb
Chromium	52-2	101.93	102.28	101.19	101.80	0.55	ppb
Cobalt	59-2	105.90	106.43	105.29	105.87	0.54	ppb
Copper	63-2	219.59	221.84	219.88	220.44	0.55	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				102		%
Holmium	165-2				102		%
Indium	115-1				98		%
Indium	115-2				100		%
Iron	56-2	8035.36	8035.38	7951.79	8007.51	0.60	ppb
Iron	57-2	8041.26	8070.21	7998.35	8036.61	0.45	ppb
Krypton	83-1						cps
Lead	206-1	98.99	98.64	99.11	98.91	0.24	ppb
Lead	207-1	96.09	95.97	97.27	96.44	0.74	ppb
Lead	208-1	97.62	97.19	98.03	97.61	0.43	ppb
Lithium	6-1				98		%
Magnesium	24-2	10756.38	10751.87	10723.86	10744.04	0.16	ppb

LB Number :	LB99065	Operator :	Jaswal
Lab Sample ID :	J5780-07MSDLX5	Instrumnet Name :	P7
Client Sample ID :	CPS133081MSDL	Dilution Factor :	5
Date & Time Acquired ::	2018-11-02 21:22:59	DataFile Name :	050SMPL_P7110218.D

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	402.13	400.64	396.28	399.68	0.76	ppb
Molybdenum	94-1	500.88	496.73	496.04	497.88	0.53	ppb
Molybdenum	95-1	500.00	500.22	496.34	498.85	0.44	ppb
Molybdenum	96-1	500.84	501.02	498.25	500.03	0.31	ppb
Molybdenum	97-1	501.04	500.36	497.41	499.61	0.39	ppb
Molybdenum	98-1	496.04	495.78	489.70	493.84	0.73	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	106.73	108.34	107.40	107.49	0.76	ppb
Phosphorus	31-2	76.04	46.31	58.66	60.34	24.75	ppb
Potassium	39-2	5047.43	5047.27	5009.48	5034.73	0.43	ppb
Rhodium	103-1				99		%
Rhodium	103-2				99		%
Scandium	45-1				98		%
Scandium	45-2				98		%
Selenium	77-2	113.86	109.88	99.90	107.88	6.67	ppb
Selenium	78-2	113.17	108.06	115.12	112.12	3.25	ppb
Selenium	82-1	110.34	113.24	111.44	111.67	1.31	ppb
Silicon	28-1	1661.49	1677.57	1666.05	1668.37	0.50	ppb
Silver	109-1	103.78	103.04	103.37	103.40	0.36	ppb
Silver	107-1	103.91	103.45	102.97	103.44	0.45	ppb
Sodium	23-2	10486.94	10528.75	10634.34	10550.01	0.72	ppb
Strontium	86-1	207.12	207.96	207.38	207.49	0.21	ppb
Strontium	88-1	206.10	204.11	203.07	204.42	0.75	ppb
Sulfur	34-1	-599.76	-642.16	-634.08	-625.33		ppb
Terbium	159-1				102		%
Terbium	159-2				101		%
Thallium	203-1	99.51	98.80	99.72	99.35	0.49	ppb
Thallium	205-1	99.62	98.99	99.18	99.26	0.33	ppb
Thorium	232-1	0.08	0.08	0.08	0.08	3.09	ppb
Tin	118-1	106.32	106.21	107.29	106.61	0.56	ppb
Titanium	47-1	498.42	501.53	500.89	500.28	0.33	ppb
Uranium	238-1	94.12	92.51	93.86	93.50	0.92	ppb
Vanadium	51-2	100.44	101.61	99.97	100.67	0.84	ppb
Yttrium	89-1				100		%
Yttrium	89-2				101		%

LB Number :	LB99065	Operator :	Jaswal
Lab Sample ID :	J5780-07MSDLX5	Instrumnet Name :	P7
Client Sample ID :	CPS133081MSDL	Dilution Factor :	5
Date & Time Acquired ::	2018-11-02 21:22:59	DataFile Name :	050SMPL_P7110218.D

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zinc	66-2	225.46	224.34	223.28	224.36	0.49	ppb
Zirconium	90-1	99.15	99.55	98.81	99.17	0.37	ppb
Zirconium	91-1	99.70	98.41	98.09	98.73	0.86	ppb

LB Number :	LB99065	Operator :	Jaswal
Lab Sample ID :	J5780-07MSDDLX5	Instrumnet Name :	P7
Client Sample ID :	CPS133081MSDDL	Dilution Factor :	5
Date & Time Acquired ::	2018-11-02 21:26:33	DataFile Name :	051SMPL_P7110218.D

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	2025.24	1980.36	1979.74	1995.11	1.31	ppb
Antimony	121-1	103.52	104.44	103.74	103.90	0.46	ppb
Arsenic	75-2	106.17	105.63	105.67	105.82	0.28	ppb
Barium	135-1	529.87	527.81	527.08	528.25	0.27	ppb
Barium	137-1	531.36	530.55	527.08	529.66	0.43	ppb
Beryllium	9-1	102.67	103.21	102.19	102.69	0.50	ppb
Bismuth	209-1				98		%
Bismuth	209-2				98		%
Boron	10-1	109.11	114.32	112.98	112.14	2.41	ppb
Boron	11-1	111.24	115.14	113.26	113.21	1.72	ppb
Cadmium	111-1	107.55	106.98	107.72	107.42	0.36	ppb
Cadmium	106-1	107.60	103.25	105.79	105.55	2.07	ppb
Cadmium	108-1	107.68	107.42	103.96	106.35	1.95	ppb
Calcium	43-1	24900.35	24930.86	24822.03	24884.41	0.23	ppb
Calcium	44-1	24911.26	24642.86	24652.13	24735.42	0.62	ppb
Chromium	52-2	104.18	102.86	100.94	102.66	1.59	ppb
Cobalt	59-2	108.45	106.01	105.70	106.72	1.41	ppb
Copper	63-2	220.80	217.91	214.75	217.82	1.39	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				102		%
Holmium	165-2				101		%
Indium	115-1				98		%
Indium	115-2				99		%
Iron	56-2	8122.66	7938.58	7887.92	7983.05	1.55	ppb
Iron	57-2	8076.61	7991.12	7938.78	8002.17	0.87	ppb
Krypton	83-1						cps
Lead	206-1	101.29	100.30	101.23	100.94	0.55	ppb
Lead	207-1	98.11	97.22	98.61	97.98	0.72	ppb
Lead	208-1	99.76	98.56	100.00	99.44	0.78	ppb
Lithium	6-1				98		%
Magnesium	24-2	10846.26	10603.64	10592.44	10680.78	1.34	ppb

LB Number :	LB99065	Operator :	Jaswal
Lab Sample ID :	J5780-07MSDDLX5	Instrumnet Name :	P7
Client Sample ID :	CPS133081MSDDL	Dilution Factor :	5
Date & Time Acquired ::	2018-11-02 21:26:33	DataFile Name :	051SMPL_P7110218.D

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	404.01	396.72	391.49	397.41	1.58	ppb
Molybdenum	94-1	503.29	499.79	506.21	503.10	0.64	ppb
Molybdenum	95-1	502.36	499.46	504.69	502.17	0.52	ppb
Molybdenum	96-1	503.93	497.68	504.32	501.98	0.74	ppb
Molybdenum	97-1	506.96	502.51	503.97	504.48	0.45	ppb
Molybdenum	98-1	501.26	493.93	497.40	497.53	0.74	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	109.55	108.64	105.98	108.06	1.72	ppb
Phosphorus	31-2	54.08	61.65	46.68	54.14	13.82	ppb
Potassium	39-2	5076.14	5015.56	4972.66	5021.45	1.04	ppb
Rhodium	103-1				98		%
Rhodium	103-2				98		%
Scandium	45-1				97		%
Scandium	45-2				97		%
Selenium	77-2	105.59	107.38	99.74	104.24	3.83	ppb
Selenium	78-2	113.35	111.20	110.30	111.62	1.41	ppb
Selenium	82-1	112.69	111.66	112.51	112.29	0.49	ppb
Silicon	28-1	1656.69	1646.69	1635.50	1646.29	0.64	ppb
Silver	109-1	103.96	103.78	103.07	103.60	0.45	ppb
Silver	107-1	103.60	103.80	103.47	103.63	0.16	ppb
Sodium	23-2	10705.64	10486.00	10495.41	10562.35	1.18	ppb
Strontium	86-1	208.50	207.47	207.99	207.99	0.25	ppb
Strontium	88-1	205.85	204.39	204.14	204.79	0.45	ppb
Sulfur	34-1	-932.98	-956.15	-1060.04	-983.06		ppb
Terbium	159-1				101		%
Terbium	159-2				101		%
Thallium	203-1	100.36	99.27	101.36	100.33	1.04	ppb
Thallium	205-1	100.79	100.25	101.40	100.81	0.57	ppb
Thorium	232-1	0.06	0.06	0.06	0.06	2.75	ppb
Tin	118-1	107.15	108.39	107.02	107.52	0.71	ppb
Titanium	47-1	508.21	500.31	503.60	504.04	0.79	ppb
Uranium	238-1	95.65	94.97	96.49	95.70	0.80	ppb
Vanadium	51-2	102.61	100.21	100.24	101.02	1.36	ppb
Yttrium	89-1				99		%
Yttrium	89-2				100		%

LB Number :	LB99065	Operator :	Jaswal
Lab Sample ID :	J5780-07MSDDLX5	Instrumnet Name :	P7
Client Sample ID :	CPS133081MSDDL	Dilution Factor :	5
Date & Time Acquired ::	2018-11-02 21:26:33	DataFile Name :	051SMPL_P7110218.D

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zinc	66-2	225.79	222.55	222.49	223.61	0.85	ppb
Zirconium	90-1	100.34	99.60	101.19	100.38	0.79	ppb
Zirconium	91-1	100.02	99.33	99.59	99.65	0.35	ppb

LB Number :	LB99065	Operator :	Jaswal
Lab Sample ID :	J5780-07ADLX5	Instrumnet Name :	P7
Client Sample ID :	CPS133081ADL	Dilution Factor :	5
Date & Time Acquired ::	2018-11-02 21:30:08	DataFile Name :	052SMPL_P7110218.D

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	1971.90	2002.12	1988.92	1987.65	0.76	ppb
Antimony	121-1	102.76	103.06	101.98	102.60	0.54	ppb
Arsenic	75-2	104.97	103.30	105.07	104.45	0.95	ppb
Barium	135-1	521.20	526.76	520.64	522.86	0.65	ppb
Barium	137-1	522.66	526.93	519.00	522.86	0.76	ppb
Beryllium	9-1	100.85	100.65	101.26	100.92	0.31	ppb
Bismuth	209-1				98		%
Bismuth	209-2				97		%
Boron	10-1	109.69	111.65	113.37	111.57	1.65	ppb
Boron	11-1	110.82	112.12	113.81	112.25	1.33	ppb
Cadmium	111-1	104.86	105.83	106.01	105.57	0.59	ppb
Cadmium	106-1	104.40	100.85	103.33	102.86	1.77	ppb
Cadmium	108-1	103.20	104.50	104.03	103.91	0.63	ppb
Calcium	43-1	24777.21	24825.47	24860.34	24821.00	0.17	ppb
Calcium	44-1	24535.50	24541.95	24625.80	24567.75	0.21	ppb
Chromium	52-2	100.94	102.11	101.84	101.63	0.60	ppb
Cobalt	59-2	105.25	106.05	106.47	105.92	0.58	ppb
Copper	63-2	216.42	219.20	219.54	218.39	0.78	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				102		%
Holmium	165-2				101		%
Indium	115-1				97		%
Indium	115-2				98		%
Iron	56-2	7924.86	7978.65	7961.69	7955.07	0.35	ppb
Iron	57-2	7942.12	8021.35	8023.48	7995.65	0.58	ppb
Krypton	83-1						cps
Lead	206-1	98.56	98.92	98.53	98.67	0.22	ppb
Lead	207-1	96.28	96.35	96.01	96.21	0.19	ppb
Lead	208-1	97.21	97.90	97.46	97.52	0.36	ppb
Lithium	6-1				97		%
Magnesium	24-2	10584.32	10735.99	10793.44	10704.58	1.01	ppb

LB Number :	LB99065	Operator :	Jaswal
Lab Sample ID :	J5780-07ADLX5	Instrumnet Name :	P7
Client Sample ID :	CPS133081ADL	Dilution Factor :	5
Date & Time Acquired ::	2018-11-02 21:30:08	DataFile Name :	052SMPL_P7110218.D

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	394.40	398.07	399.30	397.26	0.64	ppb
Molybdenum	94-1	496.09	501.64	500.78	499.50	0.60	ppb
Molybdenum	95-1	497.63	500.57	498.68	498.96	0.30	ppb
Molybdenum	96-1	497.85	501.35	501.13	500.11	0.39	ppb
Molybdenum	97-1	496.44	503.75	499.10	499.77	0.74	ppb
Molybdenum	98-1	493.82	493.28	490.01	492.37	0.42	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	106.98	107.82	108.19	107.67	0.58	ppb
Phosphorus	31-2	46.26	69.07	48.99	54.77	22.74	ppb
Potassium	39-2	5009.81	5022.00	4998.78	5010.19	0.23	ppb
Rhodium	103-1				97		%
Rhodium	103-2				97		%
Scandium	45-1				97		%
Scandium	45-2				96		%
Selenium	77-2	113.03	107.40	108.52	109.65	2.72	ppb
Selenium	78-2	110.70	108.24	114.07	111.00	2.64	ppb
Selenium	82-1	110.91	110.55	110.32	110.60	0.27	ppb
Silicon	28-1	1668.61	1631.14	1631.58	1643.78	1.31	ppb
Silver	109-1	101.88	102.31	101.72	101.97	0.30	ppb
Silver	107-1	102.25	103.17	102.33	102.59	0.50	ppb
Sodium	23-2	10443.90	10561.12	10601.03	10535.35	0.78	ppb
Strontium	86-1	205.81	206.89	206.57	206.43	0.27	ppb
Strontium	88-1	203.06	203.64	203.44	203.38	0.14	ppb
Sulfur	34-1	-1155.81	-1215.76	-1177.74	-1183.10		ppb
Terbium	159-1				101		%
Terbium	159-2				100		%
Thallium	203-1	99.00	99.20	98.29	98.83	0.48	ppb
Thallium	205-1	99.02	99.10	98.34	98.82	0.42	ppb
Thorium	232-1	0.05	0.05	0.05	0.05	0.45	ppb
Tin	118-1	106.08	106.02	105.59	105.90	0.25	ppb
Titanium	47-1	497.56	496.46	498.16	497.40	0.17	ppb
Uranium	238-1	95.01	93.12	93.54	93.89	1.06	ppb
Vanadium	51-2	99.46	100.21	100.44	100.04	0.51	ppb
Yttrium	89-1				98		%
Yttrium	89-2				99		%

LB Number :	LB99065	Operator :	Jaswal
Lab Sample ID :	J5780-07ADLX5	Instrumnet Name :	P7
Client Sample ID :	CPS133081ADL	Dilution Factor :	5
Date & Time Acquired ::	2018-11-02 21:30:08	DataFile Name :	052SMPL_P7110218.D

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zinc	66-2	221.06	226.81	223.90	223.92	1.28	ppb
Zirconium	90-1	98.24	99.16	98.98	98.79	0.49	ppb
Zirconium	91-1	98.67	98.35	98.24	98.42	0.22	ppb

LB Number :	LB99065	Operator :	Jaswal
Lab Sample ID :	CCV97	Instrumnet Name :	P7
Client Sample ID :	CCV97	Dilution Factor :	1
Date & Time Acquired ::	2018-11-02 21:33:42	DataFile Name :	053CCV_P7110218.D

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	50804.12	50870.85	50454.49	50709.82	0.44	ppb
Antimony	121-1	492.75	487.08	490.29	490.04	0.58	ppb
Arsenic	75-2	481.07	476.52	483.48	480.36	0.74	ppb
Barium	135-1	2539.50	2502.39	2513.93	2518.61	0.75	ppb
Barium	137-1	2540.84	2496.91	2526.88	2521.54	0.89	ppb
Beryllium	9-1	514.92	512.07	517.49	514.83	0.53	ppb
Bismuth	209-1				85		%
Bismuth	209-2				84		%
Boron	10-1	496.60	496.12	514.93	502.55	2.13	ppb
Boron	11-1	494.77	499.35	510.30	501.48	1.59	ppb
Cadmium	111-1	553.58	545.60	549.89	549.69	0.73	ppb
Cadmium	106-1	541.71	529.03	536.76	535.83	1.19	ppb
Cadmium	108-1	545.16	533.28	545.79	541.41	1.30	ppb
Calcium	43-1	237348.88	234575.71	235538.22	235820.94	0.60	ppb
Calcium	44-1	236616.70	234041.11	235942.22	235533.34	0.57	ppb
Chromium	52-2	524.91	525.07	525.92	525.30	0.10	ppb
Cobalt	59-2	509.93	510.49	508.99	509.80	0.15	ppb
Copper	63-2	1021.61	1023.56	1018.67	1021.28	0.24	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				96		%
Holmium	165-2				97		%
Indium	115-1				85		%
Indium	115-2				90		%
Iron	56-2	129097.88	128622.04	129510.82	129076.92	0.34	ppb
Iron	57-2	127797.11	128155.01	128477.08	128143.07	0.27	ppb
Krypton	83-1						cps
Lead	206-1	523.23	517.86	529.49	523.53	1.11	ppb
Lead	207-1	521.61	518.25	528.33	522.73	0.98	ppb
Lead	208-1	521.32	517.18	526.87	521.79	0.93	ppb
Lithium	6-1				87		%
Magnesium	24-2	241114.33	242554.55	240754.27	241474.38	0.39	ppb

LB Number :	LB99065	Operator :	Jaswal
Lab Sample ID :	CCV97	Instrumnet Name :	P7
Client Sample ID :	CCV97	Dilution Factor :	1
Date & Time Acquired ::	2018-11-02 21:33:42	DataFile Name :	053CCV_P7110218.D

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	1018.17	1019.01	1022.52	1019.90	0.23	ppb
Molybdenum	94-1	2578.68	2543.47	2533.39	2551.85	0.93	ppb
Molybdenum	95-1	2583.33	2542.31	2529.85	2551.83	1.10	ppb
Molybdenum	96-1	2591.17	2548.40	2559.85	2566.47	0.86	ppb
Molybdenum	97-1	2583.41	2547.34	2572.06	2567.60	0.72	ppb
Molybdenum	98-1	2588.35	2544.84	2573.11	2568.77	0.86	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	508.76	506.69	504.10	506.51	0.46	ppb
Phosphorus	31-2	10097.79	10056.82	9992.36	10048.99	0.53	ppb
Potassium	39-2	122663.80	122123.19	121916.41	122234.47	0.32	ppb
Rhodium	103-1				82		%
Rhodium	103-2				84		%
Scandium	45-1				88		%
Scandium	45-2				92		%
Selenium	77-2	465.09	478.54	468.69	470.78	1.48	ppb
Selenium	78-2	488.10	486.06	498.20	490.78	1.33	ppb
Selenium	82-1	489.48	481.27	491.39	487.38	1.10	ppb
Silicon	28-1	499.07	502.66	510.87	504.20	1.20	ppb
Silver	109-1	511.57	499.54	500.90	504.00	1.31	ppb
Silver	107-1	513.79	504.55	507.44	508.59	0.93	ppb
Sodium	23-2	246383.98	248630.00	246099.53	247037.84	0.56	ppb
Strontium	86-1	510.79	506.24	511.55	509.53	0.56	ppb
Strontium	88-1	511.06	502.48	508.93	507.49	0.88	ppb
Sulfur	34-1	9644.59	9349.05	9295.32	9429.65	1.99	ppb
Terbium	159-1				94		%
Terbium	159-2				95		%
Thallium	203-1	523.01	516.36	530.18	523.18	1.32	ppb
Thallium	205-1	525.20	519.70	531.04	525.31	1.08	ppb
Thorium	232-1	537.52	528.09	542.24	535.95	1.34	ppb
Tin	118-1	502.87	493.50	498.41	498.26	0.94	ppb
Titanium	47-1	2567.32	2537.12	2546.80	2550.41	0.60	ppb
Uranium	238-1	539.97	529.04	539.75	536.25	1.17	ppb
Vanadium	51-2	512.78	514.96	514.08	513.94	0.21	ppb
Yttrium	89-1				89		%
Yttrium	89-2				94		%

LB Number :	LB99065	Operator :	Jaswal
Lab Sample ID :	CCV97	Instrumnet Name :	P7
Client Sample ID :	CCV97	Dilution Factor :	1
Date & Time Acquired ::	2018-11-02 21:33:42	DataFile Name :	053CCV_P7110218.D

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zinc	66-2	1023.44	1025.23	1029.73	1026.13	0.32	ppb
Zirconium	90-1	515.86	511.67	514.24	513.92	0.41	ppb
Zirconium	91-1	513.05	509.51	510.12	510.89	0.37	ppb

LB Number :	LB99065	Operator :	Jaswal
Lab Sample ID :	CCB97	Instrumnet Name :	P7
Client Sample ID :	CCB97	Dilution Factor :	1
Date & Time Acquired ::	2018-11-02 21:37:24	DataFile Name :	054CCBE_P7110218.D

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	1.57	1.13	0.67	1.12	40.15	ppb
Antimony	121-1	0.33	0.29	0.31	0.31	5.63	ppb
Arsenic	75-2	-0.02	-0.01	-0.02	-0.02		ppb
Barium	135-1	0.14	0.08	0.10	0.11	26.36	ppb
Barium	137-1	0.09	0.10	0.09	0.10	8.21	ppb
Beryllium	9-1	0.04	0.05	0.03	0.04	14.17	ppb
Bismuth	209-1				104		%
Bismuth	209-2				104		%
Boron	10-1	12.69	12.01	11.21	11.97	6.20	ppb
Boron	11-1	12.75	11.66	10.98	11.80	7.56	ppb
Cadmium	111-1	0.07	0.04	0.05	0.05	27.69	ppb
Cadmium	106-1	-0.70	-0.85	-0.87	-0.81		ppb
Cadmium	108-1	-0.04	0.08	0.02	0.02	281.34	ppb
Calcium	43-1	10.02	7.65	7.19	8.29	18.29	ppb
Calcium	44-1	13.88	12.25	12.42	12.85	7.00	ppb
Chromium	52-2	0.01	0.02	0.01	0.01	29.41	ppb
Cobalt	59-2	0.01	0.01	0.01	0.01	21.76	ppb
Copper	63-2	0.08	0.06	0.08	0.07	11.24	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				104		%
Holmium	165-2				106		%
Indium	115-1				101		%
Indium	115-2				105		%
Iron	56-2	4.29	3.89	3.93	4.04	5.42	ppb
Iron	57-2	4.61	4.25	3.66	4.17	11.42	ppb
Krypton	83-1						cps
Lead	206-1	0.04	0.03	0.04	0.03	17.70	ppb
Lead	207-1	0.04	0.03	0.03	0.03	14.11	ppb
Lead	208-1	0.04	0.03	0.03	0.04	13.09	ppb
Lithium	6-1				102		%
Magnesium	24-2	7.66	7.13	7.21	7.33	3.90	ppb

LB Number :	LB99065	Operator :	Jaswal
Lab Sample ID :	CCB97	Instrumnet Name :	P7
Client Sample ID :	CCB97	Dilution Factor :	1
Date & Time Acquired ::	2018-11-02 21:37:24	DataFile Name :	054CCBE_P7110218.D

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	0.06	0.07	0.05	0.06	18.13	ppb
Molybdenum	94-1	0.43	0.41	0.30	0.38	18.74	ppb
Molybdenum	95-1	0.50	0.45	0.43	0.46	8.43	ppb
Molybdenum	96-1	0.52	0.46	0.43	0.47	9.39	ppb
Molybdenum	97-1	0.57	0.49	0.42	0.49	14.82	ppb
Molybdenum	98-1	0.56	0.43	0.40	0.46	17.99	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.02	0.01	0.02	0.02	29.62	ppb
Phosphorus	31-2	-1.62	-4.32	-9.84	-5.26		ppb
Potassium	39-2	11.13	8.88	4.24	8.08	43.41	ppb
Rhodium	103-1				102		%
Rhodium	103-2				104		%
Scandium	45-1				99		%
Scandium	45-2				101		%
Selenium	77-2	-1.24	-0.01	-0.40	-0.55		ppb
Selenium	78-2	-0.04	-0.09	-0.03	-0.05		ppb
Selenium	82-1	0.58	0.38	0.19	0.38	51.06	ppb
Silicon	28-1	2.38	1.10	1.78	1.75	36.61	ppb
Silver	109-1	0.09	0.08	0.08	0.08	7.14	ppb
Silver	107-1	0.09	0.07	0.09	0.08	11.95	ppb
Sodium	23-2	37.14	34.26	31.69	34.36	7.94	ppb
Strontium	86-1	0.00	-0.02	0.00	-0.01		ppb
Strontium	88-1	0.02	0.02	0.03	0.02	14.23	ppb
Sulfur	34-1	-806.79	-917.10	-797.12	-840.33		ppb
Terbium	159-1				104		%
Terbium	159-2				105		%
Thallium	203-1	0.10	0.09	0.08	0.09	11.57	ppb
Thallium	205-1	0.10	0.09	0.08	0.09	12.14	ppb
Thorium	232-1	0.06	0.05	0.05	0.06	4.83	ppb
Tin	118-1	0.08	0.06	0.09	0.08	15.64	ppb
Titanium	47-1	0.10	0.09	0.07	0.09	16.97	ppb
Uranium	238-1	0.02	0.01	0.01	0.01	21.62	ppb
Vanadium	51-2	0.01	0.03	0.01	0.02	41.28	ppb
Yttrium	89-1				101		%
Yttrium	89-2				105		%

LB Number :	LB99065	Operator :	Jaswal
Lab Sample ID :	CCB97	Instrumnet Name :	P7
Client Sample ID :	CCB97	Dilution Factor :	1
Date & Time Acquired ::	2018-11-02 21:37:24	DataFile Name :	054CCBE_P7110218.D

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zinc	66-2	0.49	0.26	0.11	0.29	67.15	ppb
Zirconium	90-1	0.04	0.03	0.03	0.03	21.64	ppb
Zirconium	91-1	0.04	0.03	0.02	0.03	35.59	ppb

LB Number :	LB99065	Operator :	Jaswal
Lab Sample ID :	S0	Instrumnet Name :	P7
Client Sample ID :	S0	Dilution Factor :	1
Date & Time Acquired ::	2018-11-02 17:47:25	DataFile Name :	003CALB_P7110218.D

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	342	400	300	347	14.47	cps
Antimony	121-1	83	142	150	125	29.06	cps
Arsenic	75-2	43	41	57	47	19.48	cps
Barium	135-1	108	67	100	92	24.05	cps
Barium	137-1	158	100	167	142	25.64	cps
Beryllium	9-1	83	106	128	106	21.05	cps
Bismuth	209-1	15407755	15293066	15295351	15332057	0.43	cps
Bismuth	209-2	7965524	8028953	7947426	7980634	0.54	cps
Boron	10-1	850	733	758	781	7.87	cps
Boron	11-1	4309	4359	4226	4298	1.57	cps
Cadmium	111-1	1663	1669	1566	1633	3.56	cps
Cadmium	106-1	8178	8294	8019	8164	1.69	cps
Cadmium	108-1	38	33	67	46	39.63	cps
Calcium	43-1	383	342	408	378	8.91	cps
Calcium	44-1	16437	15686	16404	16176	2.62	cps
Chromium	52-2	430	437	507	458	9.28	cps
Cobalt	59-2	123	120	127	123	2.70	cps
Copper	63-2	457	423	347	409	13.79	cps
Dysprosium	156-1	58	67	33	53	32.88	cps
Dysprosium	156-2	27	13	17	19	36.75	cps
Erbium	164-1	83	117	33	78	53.93	cps
Erbium	164-2	70	60	53	61	13.73	cps
Gadolinium	160-1	158	167	108	144	21.84	cps
Gadolinium	160-2	337	377	427	380	11.87	cps
Holmium	165-1	21389844	21386095	21252683	21342874	0.37	cps
Holmium	165-2	10020270	10120840	10146265	10095792	0.66	cps
Indium	115-1	16435693	16464897	16337214	16412601	0.41	cps
Indium	115-2	2808315	2833400	2851585	2831100	0.77	cps
Iron	56-2	5379	5551	5590	5507	2.04	cps
Iron	57-2	244	189	200	211	13.92	cps
Krypton	83-1	930	837	883	883	5.28	cps
Lead	206-1	1078	1056	1089	1074	1.58	cps
Lead	207-1	939	972	1033	982	4.88	cps
Lead	208-1	4278	4045	4462	4262	4.90	cps
Lithium	6-1	6182386	6182317	6108643	6157782	0.69	cps
Magnesium	24-2	558	442	508	503	11.64	cps

LB Number :	LB99065	Operator :	Jaswal
Lab Sample ID :	S0	Instrumnet Name :	P7
Client Sample ID :	S0	Dilution Factor :	1
Date & Time Acquired ::	2018-11-02 17:47:25	DataFile Name :	003CALB_P7110218.D

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	87	63	83	78	16.23	cps
Molybdenum	94-1	442	358	475	425	14.14	cps
Molybdenum	95-1	242	167	142	183	28.39	cps
Molybdenum	96-1	217	242	208	222	7.81	cps
Molybdenum	97-1	125	142	42	103	52.13	cps
Molybdenum	98-1	208	258	267	244	12.91	cps
Neodymium	150-1	33	27	27	29	13.31	cps
Neodymium	150-2	17	17	17	17	0.00	cps
Nickel	60-2	87	77	153	106	39.48	cps
Phosphorus	31-2	292	233	258	261	11.21	cps
Potassium	39-2	25907	25915	26450	26090	1.19	cps
Rhodium	103-1	15072632	15088740	14965901	15042424	0.44	cps
Rhodium	103-2	6678435	6780667	6718638	6725913	0.77	cps
Scandium	45-1	10315421	10319528	10321241	10318730	0.03	cps
Scandium	45-2	395096	400420	399800	398439	0.73	cps
Selenium	77-2	23	7	27	19	56.72	cps
Selenium	78-2	65	83	74	74	12.49	cps
Selenium	82-1	65	211	138	138	53.03	cps
Silicon	28-1	277624	270546	268512	272227	1.76	cps
Silver	109-1	183	133	133	150	19.24	cps
Silver	107-1	233	208	175	206	14.24	cps
Sodium	23-2	12931	12898	12739	12856	0.80	cps
Strontium	86-1	1634	1408	1584	1542	7.66	cps
Strontium	88-1	1092	1208	1075	1125	6.46	cps
Sulfur	34-1	653474	653593	660463	655843	0.61	cps
Terbium	159-1	21908161	21868038	21699127	21825109	0.51	cps
Terbium	159-2	9915323	9918681	9976993	9936999	0.35	cps
Thallium	203-1	300	308	367	325	11.18	cps
Thallium	205-1	858	683	733	758	11.89	cps
Thorium	232-1	389	433	444	422	6.96	cps
Tin	118-1	983	883	767	878	12.35	cps
Titanium	47-1	92	200	158	150	36.43	cps
Uranium	238-1	483	250	325	353	33.77	cps
Vanadium	51-2	20	23	27	23	14.29	cps
Yttrium	89-1	16309556	16146753	16174774	16210361	0.54	cps
Yttrium	89-2	2034324	2047411	2044078	2041937	0.33	cps

LB Number :	LB99065	Operator :	Jaswal
Lab Sample ID :	S0	Instrumnet Name :	P7
Client Sample ID :	S0	Dilution Factor :	1
Date & Time Acquired ::	2018-11-02 17:47:25	DataFile Name :	003CALB_P7110218.D

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zinc	66-2	1100	1161	1099	1120	3.19	cps
Zirconium	90-1	992	1017	1000	1003	1.27	cps
Zirconium	91-1	200	267	242	236	14.26	cps

LB Number :	LB99065	Operator :	Jaswal
Lab Sample ID :	S2	Instrumnet Name :	P7
Client Sample ID :	S2	Dilution Factor :	1
Date & Time Acquired ::	2018-11-02 17:55:51	DataFile Name :	005CALS_P7110218.D

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	4001	3634	3626	3753	5.71	cps
Antimony	121-1	30476	31286	30760	30840	1.33	cps
Arsenic	75-2	526	570	572	556	4.71	cps
Barium	135-1	37735	38245	38346	38109	0.86	cps
Barium	137-1	66569	66426	66259	66418	0.23	cps
Beryllium	9-1	5290	5857	5257	5468	6.17	cps
Bismuth	209-1	15097515	15168809	15135019	15133781	0.24	cps
Bismuth	209-2	7915862	7850129	7848490	7871493	0.49	cps
Boron	10-1	21383	22351	22784	22173	3.24	cps
Boron	11-1	100316	100937	103948	101734	1.91	cps
Cadmium	111-1	6310	6324	6560	6398	2.19	cps
Cadmium	106-1	8920	8578	9120	8873	3.09	cps
Cadmium	108-1	363	442	379	394	10.58	cps
Calcium	43-1	25373	26333	26157	25954	1.97	cps
Calcium	44-1	426325	425452	432613	428130	0.91	cps
Chromium	52-2	10190	9937	10054	10060	1.26	cps
Cobalt	59-2	7612	8179	7832	7874	3.63	cps
Copper	63-2	11762	12035	12038	11945	1.33	cps
Dysprosium	156-1	25	8	17	17	50.01	cps
Dysprosium	156-2	17	17	27	20	28.86	cps
Erbium	164-1	92	100	117	103	12.38	cps
Erbium	164-2	53	43	73	57	26.96	cps
Gadolinium	160-1	175	175	158	169	5.68	cps
Gadolinium	160-2	307	297	380	328	13.88	cps
Holmium	165-1	21079166	21082743	21245451	21135786	0.45	cps
Holmium	165-2	9949645	9938971	9993279	9960632	0.29	cps
Indium	115-1	15991412	16083750	15993635	16022932	0.33	cps
Indium	115-2	2794708	2785604	2793274	2791195	0.18	cps
Iron	56-2	205360	204272	206165	205266	0.46	cps
Iron	57-2	5095	5451	5301	5283	3.38	cps
Krypton	83-1	877	843	910	877	3.80	cps
Lead	206-1	15949	16444	16338	16244	1.61	cps
Lead	207-1	14853	14675	14664	14731	0.72	cps
Lead	208-1	65409	65731	66278	65806	0.67	cps
Lithium	6-1	6126574	6213970	6230235	6190260	0.90	cps
Magnesium	24-2	194330	192835	195772	194312	0.76	cps

LB Number :	LB99065	Operator :	Jaswal
Lab Sample ID :	S2	Instrumnet Name :	P7
Client Sample ID :	S2	Dilution Factor :	1
Date & Time Acquired ::	2018-11-02 17:55:51	DataFile Name :	005CAL5_P7110218.D

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	3024	2877	2897	2933	2.71	cps
Molybdenum	94-1	33064	32521	32338	32641	1.16	cps
Molybdenum	95-1	39004	38428	38787	38740	0.75	cps
Molybdenum	96-1	41453	42749	43150	42450	2.09	cps
Molybdenum	97-1	24388	24113	24021	24174	0.79	cps
Molybdenum	98-1	61709	63040	62513	62421	1.07	cps
Neodymium	150-1	33	13	7	18	78.07	cps
Neodymium	150-2	13	0	7	7	99.98	cps
Nickel	60-2	2527	2394	2440	2454	2.76	cps
Phosphorus	31-2	342	317	308	322	5.38	cps
Potassium	39-2	183531	184922	185545	184666	0.56	cps
Rhodium	103-1	14785315	14965286	14794849	14848483	0.68	cps
Rhodium	103-2	6670744	6655154	6617705	6647868	0.41	cps
Scandium	45-1	10043268	10207382	10177533	10142727	0.86	cps
Scandium	45-2	394311	388979	388399	390563	0.83	cps
Selenium	77-2	100	77	83	87	13.86	cps
Selenium	78-2	374	346	335	352	5.69	cps
Selenium	82-1	2206	2268	2121	2199	3.36	cps
Silicon	28-1	454316	458211	460022	457516	0.64	cps
Silver	109-1	21150	21809	21567	21509	1.55	cps
Silver	107-1	22585	22535	22210	22444	0.91	cps
Sodium	23-2	382844	376352	375992	378396	1.02	cps
Strontium	86-1	6618	6618	7177	6805	4.74	cps
Strontium	88-1	46442	47864	46844	47050	1.56	cps
Sulfur	34-1	675808	675142	677907	676286	0.21	cps
Terbium	159-1	21348376	21624285	21456011	21476224	0.65	cps
Terbium	159-2	9798154	9716175	9784265	9766198	0.45	cps
Thallium	203-1	18839	18472	18947	18753	1.33	cps
Thallium	205-1	45119	45270	44969	45119	0.33	cps
Thorium	232-1	61997	62243	62460	62233	0.37	cps
Tin	118-1	68710	68727	69757	69065	0.87	cps
Titanium	47-1	12339	11038	11755	11711	5.56	cps
Uranium	238-1	62334	62075	63205	62538	0.95	cps
Vanadium	51-2	17420	17814	17761	17665	1.21	cps
Yttrium	89-1	15782249	16001566	15923560	15902458	0.70	cps
Yttrium	89-2	2004969	2001345	2012057	2006124	0.27	cps

LB Number :	LB99065	Operator :	Jaswal
Lab Sample ID :	S2	Instrumnet Name :	P7
Client Sample ID :	S2	Dilution Factor :	1
Date & Time Acquired ::	2018-11-02 17:55:51	DataFile Name :	005CALS_P7110218.D

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zinc	66-2	3303	3158	3311	3257	2.64	cps
Zirconium	90-1	27728	28454	27811	27998	1.42	cps
Zirconium	91-1	6227	6410	6368	6335	1.52	cps

LB Number :	LB99065	Operator :	Jaswal
Lab Sample ID :	S3	Instrumnet Name :	P7
Client Sample ID :	S3	Dilution Factor :	1
Date & Time Acquired ::	2018-11-02 17:59:45	DataFile Name :	006CAL5_P7110218.D

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	171466	174473	176251	174064	1.39	cps
Antimony	121-1	835593	826717	834999	832436	0.60	cps
Arsenic	75-2	27248	27561	27348	27386	0.58	cps
Barium	135-1	1053066	1053258	1051066	1052463	0.12	cps
Barium	137-1	1824521	1824401	1825776	1824899	0.04	cps
Beryllium	9-1	287141	288244	285042	286809	0.57	cps
Bismuth	209-1	15222652	14996266	15026453	15081790	0.82	cps
Bismuth	209-2	7719817	7714167	7738967	7724317	0.17	cps
Boron	10-1	47300	47208	47852	47453	0.73	cps
Boron	11-1	209966	214564	215584	213372	1.40	cps
Cadmium	111-1	250742	251861	250625	251076	0.27	cps
Cadmium	106-1	36932	37409	36966	37102	0.72	cps
Cadmium	108-1	20619	20223	20686	20510	1.22	cps
Calcium	43-1	274559	276605	274834	275333	0.40	cps
Calcium	44-1	4414763	4450536	4422785	4429362	0.42	cps
Chromium	52-2	240117	241990	240502	240870	0.41	cps
Cobalt	59-2	404852	406878	404108	405279	0.35	cps
Copper	63-2	593197	596049	592404	593883	0.32	cps
Dysprosium	156-1	50	50	67	56	17.32	cps
Dysprosium	156-2	23	17	17	19	20.36	cps
Erbium	164-1	75	142	75	97	39.59	cps
Erbium	164-2	33	40	30	34	14.78	cps
Gadolinium	160-1	208	133	200	181	22.77	cps
Gadolinium	160-2	383	377	373	378	1.35	cps
Holmium	165-1	21333849	21183200	20978828	21165292	0.84	cps
Holmium	165-2	9798143	9808534	9914788	9840488	0.66	cps
Indium	115-1	15916772	15751825	15819404	15829334	0.52	cps
Indium	115-2	2746377	2771459	2748643	2755493	0.50	cps
Iron	56-2	10337572	10377067	10283462	10332700	0.45	cps
Iron	57-2	254107	257524	255068	255566	0.69	cps
Krypton	83-1	830	950	860	880	7.10	cps
Lead	206-1	800196	807734	810894	806275	0.68	cps
Lead	207-1	723302	722204	719435	721647	0.28	cps
Lead	208-1	3246553	3262096	3266798	3258482	0.33	cps
Lithium	6-1	6190207	6161072	6120212	6157164	0.57	cps
Magnesium	24-2	2052613	2075682	2096532	2074942	1.06	cps

LB Number :	LB99065	Operator :	Jaswal
Lab Sample ID :	S3	Instrumnet Name :	P7
Client Sample ID :	S3	Dilution Factor :	1
Date & Time Acquired ::	2018-11-02 17:59:45	DataFile Name :	006CAL5_P7110218.D

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	284569	284474	282710	283918	0.37	cps
Molybdenum	94-1	1679913	1691261	1673262	1681479	0.54	cps
Molybdenum	95-1	2055756	2063075	2048469	2055767	0.36	cps
Molybdenum	96-1	2275053	2268058	2265511	2269541	0.22	cps
Molybdenum	97-1	1279755	1279404	1277923	1279027	0.08	cps
Molybdenum	98-1	3318649	3316439	3303664	3312918	0.24	cps
Neodymium	150-1	167	107	80	118	37.69	cps
Neodymium	150-2	10	7	7	8	24.71	cps
Nickel	60-2	110412	109767	110691	110290	0.43	cps
Phosphorus	31-2	10312	10813	10095	10407	3.53	cps
Potassium	39-2	854538	866398	865362	862099	0.76	cps
Rhodium	103-1	14734323	14674665	14578091	14662360	0.54	cps
Rhodium	103-2	6406715	6498559	6444597	6449957	0.72	cps
Scandium	45-1	10092627	10030511	9950600	10024579	0.71	cps
Scandium	45-2	384690	387028	387758	386492	0.41	cps
Selenium	77-2	857	963	837	886	7.69	cps
Selenium	78-2	2858	2850	3052	2920	3.92	cps
Selenium	82-1	21964	21935	21889	21929	0.17	cps
Silicon	28-1	1009913	1021685	1022769	1018123	0.70	cps
Silver	109-1	1153270	1144253	1146458	1147994	0.41	cps
Silver	107-1	1198473	1207384	1205889	1203915	0.40	cps
Sodium	23-2	3855750	3880396	3937493	3891213	1.08	cps
Strontium	86-1	270925	271105	273899	271976	0.61	cps
Strontium	88-1	2414550	2397054	2384064	2398556	0.64	cps
Sulfur	34-1	780533	779665	773968	778056	0.46	cps
Terbium	159-1	21527622	21451981	21412025	21463876	0.27	cps
Terbium	159-2	9666762	9703863	9716822	9695816	0.27	cps
Thallium	203-1	986504	986597	990145	987749	0.21	cps
Thallium	205-1	2374781	2383444	2381904	2380043	0.19	cps
Thorium	232-1	3381214	3352906	3379024	3371048	0.47	cps
Tin	118-1	720112	718192	718045	718783	0.16	cps
Titanium	47-1	606914	604859	602247	604674	0.39	cps
Uranium	238-1	3329160	3313759	3346796	3329905	0.50	cps
Vanadium	51-2	186051	186065	186843	186319	0.24	cps
Yttrium	89-1	15892515	15749244	15670573	15770777	0.71	cps
Yttrium	89-2	1976681	1987699	1987522	1983968	0.32	cps

LB Number :	LB99065	Operator :	Jaswal
Lab Sample ID :	S3	Instrumnet Name :	P7
Client Sample ID :	S3	Dilution Factor :	1
Date & Time Acquired ::	2018-11-02 17:59:45	DataFile Name :	006CALS_P7110218.D

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zinc	66-2	97289	97648	97869	97602	0.30	cps
Zirconium	90-1	1385937	1400712	1401580	1396076	0.63	cps
Zirconium	91-1	309664	310693	308722	309693	0.32	cps

LB Number :	LB99065	Operator :	Jaswal
Lab Sample ID :	S4	Instrumnet Name :	P7
Client Sample ID :	S4	Dilution Factor :	1
Date & Time Acquired ::	2018-11-02 18:03:51	DataFile Name :	007CAL5_P7110218.D

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	420570	420741	420949	420753	0.05	cps
Antimony	121-1	2057532	2065184	2051928	2058215	0.32	cps
Arsenic	75-2	65249	65366	65303	65306	0.09	cps
Barium	135-1	2599156	2615272	2588332	2600920	0.52	cps
Barium	137-1	4508165	4511386	4496099	4505217	0.18	cps
Beryllium	9-1	691460	687145	685046	687883	0.48	cps
Bismuth	209-1	14743138	14684383	14571912	14666478	0.59	cps
Bismuth	209-2	7540789	7542084	7543438	7542104	0.02	cps
Boron	10-1	112592	111610	114875	113026	1.48	cps
Boron	11-1	509128	521654	519394	516726	1.29	cps
Cadmium	111-1	614492	611247	614007	613249	0.29	cps
Cadmium	106-1	78309	77647	78853	78269	0.77	cps
Cadmium	108-1	49507	49988	49098	49531	0.90	cps
Calcium	43-1	682521	673310	665951	673927	1.23	cps
Calcium	44-1	10911655	10768996	10624385	10768346	1.33	cps
Chromium	52-2	582367	580874	580568	581270	0.17	cps
Cobalt	59-2	980181	980444	976407	979011	0.23	cps
Copper	63-2	1421336	1417979	1422556	1420624	0.17	cps
Dysprosium	156-1	125	117	58	100	36.32	cps
Dysprosium	156-2	33	70	57	53	34.80	cps
Erbium	164-1	58	67	50	58	14.29	cps
Erbium	164-2	50	27	27	34	39.10	cps
Gadolinium	160-1	167	142	225	178	24.06	cps
Gadolinium	160-2	300	297	280	292	3.67	cps
Holmium	165-1	20845810	20833723	20752970	20810834	0.24	cps
Holmium	165-2	9640579	9679677	9693264	9671173	0.28	cps
Indium	115-1	15430886	15441809	15308345	15393680	0.48	cps
Indium	115-2	2652752	2663879	2670633	2662421	0.34	cps
Iron	56-2	25110445	24937599	25090998	25046347	0.38	cps
Iron	57-2	620907	621313	621197	621139	0.03	cps
Krypton	83-1	833	827	903	854	4.97	cps
Lead	206-1	1999252	1996542	1995411	1997068	0.10	cps
Lead	207-1	1786163	1796597	1786483	1789748	0.33	cps
Lead	208-1	8084312	8105084	8055791	8081729	0.31	cps
Lithium	6-1	5978229	5911670	5851365	5913755	1.07	cps
Magnesium	24-2	5014818	5030431	5021463	5022237	0.16	cps

LB Number :	LB99065	Operator :	Jaswal
Lab Sample ID :	S4	Instrumnet Name :	P7
Client Sample ID :	S4	Dilution Factor :	1
Date & Time Acquired ::	2018-11-02 18:03:51	DataFile Name :	007CAL5_P7110218.D

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	690409	679255	686421	685362	0.82	cps
Molybdenum	94-1	4169744	4162315	4098609	4143556	0.94	cps
Molybdenum	95-1	5107578	5100670	5042777	5083675	0.70	cps
Molybdenum	96-1	5673649	5639316	5593171	5635379	0.72	cps
Molybdenum	97-1	3186705	3170887	3151630	3169740	0.55	cps
Molybdenum	98-1	8107613	8107967	8043919	8086500	0.46	cps
Neodymium	150-1	227	293	287	269	13.65	cps
Neodymium	150-2	23	23	33	27	21.65	cps
Nickel	60-2	263337	265998	264436	264590	0.51	cps
Phosphorus	31-2	25348	24838	25164	25116	1.03	cps
Potassium	39-2	2037189	2024644	2036202	2032678	0.34	cps
Rhodium	103-1	14242297	14192975	14115399	14183557	0.45	cps
Rhodium	103-2	6233103	6220321	6247501	6233642	0.22	cps
Scandium	45-1	9850313	9774317	9649626	9758085	1.04	cps
Scandium	45-2	373410	373294	373341	373348	0.02	cps
Selenium	77-2	1957	2024	2117	2032	3.95	cps
Selenium	78-2	6748	7055	6865	6889	2.25	cps
Selenium	82-1	52796	53052	52381	52743	0.64	cps
Silicon	28-1	2067747	2073909	2077080	2072912	0.23	cps
Silver	109-1	2823406	2798325	2794677	2805469	0.56	cps
Silver	107-1	2920108	2948999	2906843	2925317	0.74	cps
Sodium	23-2	9440008	9498085	9508813	9482302	0.39	cps
Strontium	86-1	676002	678425	665550	673326	1.02	cps
Strontium	88-1	5852550	5833064	5787656	5824423	0.57	cps
Sulfur	34-1	927854	921549	911122	920175	0.92	cps
Terbium	159-1	21126485	21073262	21121572	21107106	0.14	cps
Terbium	159-2	9498744	9507588	9521404	9509246	0.12	cps
Thallium	203-1	2451095	2458863	2438355	2449438	0.42	cps
Thallium	205-1	5877416	5914414	5885059	5892296	0.33	cps
Thorium	232-1	8388514	8307741	8271674	8322643	0.72	cps
Tin	118-1	1785073	1777646	1776513	1779744	0.26	cps
Titanium	47-1	1495282	1487160	1482347	1488263	0.44	cps
Uranium	238-1	8229045	8227865	8173411	8210107	0.39	cps
Vanadium	51-2	450333	453197	451154	451562	0.33	cps
Yttrium	89-1	15544002	15419095	15239293	15400797	0.99	cps
Yttrium	89-2	1924613	1936495	1927162	1929423	0.32	cps

LB Number :	LB99065	Operator :	Jaswal
Lab Sample ID :	S4	Instrumnet Name :	P7
Client Sample ID :	S4	Dilution Factor :	1
Date & Time Acquired ::	2018-11-02 18:03:51	DataFile Name :	007CALS_P7110218.D

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zinc	66-2	229134	229107	229233	229158	0.03	cps
Zirconium	90-1	3488148	3457432	3415723	3453768	1.05	cps
Zirconium	91-1	773270	774112	762945	770109	0.81	cps

LB Number :	LB99065	Operator :	Jaswal
Lab Sample ID :	S5	Instrumnet Name :	P7
Client Sample ID :	S5	Dilution Factor :	1
Date & Time Acquired ::	2018-11-02 18:07:39	DataFile Name :	008CAL5_P7110218.D

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	799232	803178	794646	799019	0.53	cps
Antimony	121-1	3909000	3893124	3878545	3893556	0.39	cps
Arsenic	75-2	123569	122714	123413	123232	0.37	cps
Barium	135-1	4975733	4962620	4941890	4960081	0.34	cps
Barium	137-1	8509525	8481731	8387410	8459555	0.76	cps
Beryllium	9-1	1277280	1266729	1265088	1269699	0.52	cps
Bismuth	209-1	13861156	13946500	14035982	13947879	0.63	cps
Bismuth	209-2	7209568	7348978	7193992	7250846	1.18	cps
Boron	10-1	207828	214088	214830	212249	1.81	cps
Boron	11-1	963121	971894	979463	971493	0.84	cps
Cadmium	111-1	1142787	1142839	1145638	1143755	0.14	cps
Cadmium	106-1	140094	139607	139514	139738	0.22	cps
Cadmium	108-1	91983	92080	91355	91806	0.43	cps
Calcium	43-1	1270944	1257253	1261708	1263302	0.55	cps
Calcium	44-1	20295882	20212527	20141906	20216772	0.38	cps
Chromium	52-2	1098015	1099948	1097815	1098592	0.11	cps
Cobalt	59-2	1857616	1847493	1837141	1847417	0.55	cps
Copper	63-2	2667840	2652740	2641924	2654168	0.49	cps
Dysprosium	156-1	133	100	75	103	28.48	cps
Dysprosium	156-2	113	107	97	106	7.95	cps
Erbium	164-1	67	100	75	81	21.53	cps
Erbium	164-2	43	30	63	46	36.83	cps
Gadolinium	160-1	167	167	200	178	10.83	cps
Gadolinium	160-2	333	350	310	331	6.07	cps
Holmium	165-1	19700501	20070849	20109632	19960327	1.13	cps
Holmium	165-2	9366647	9600164	9365385	9444065	1.43	cps
Indium	115-1	14304148	14504246	14507891	14438762	0.81	cps
Indium	115-2	2528953	2567777	2525233	2540655	0.93	cps
Iron	56-2	47457847	47595786	47041762	47365132	0.61	cps
Iron	57-2	1181782	1177061	1170030	1176291	0.50	cps
Krypton	83-1	837	817	873	842	3.41	cps
Lead	206-1	3839560	3828018	3859180	3842253	0.41	cps
Lead	207-1	3424497	3464085	3470206	3452930	0.72	cps
Lead	208-1	15420396	15461696	15487823	15456638	0.22	cps
Lithium	6-1	5556137	5548264	5586245	5563549	0.36	cps
Magnesium	24-2	9624733	9632734	9542876	9600114	0.52	cps

LB Number :	LB99065	Operator :	Jaswal
Lab Sample ID :	S5	Instrumnet Name :	P7
Client Sample ID :	S5	Dilution Factor :	1
Date & Time Acquired ::	2018-11-02 18:07:39	DataFile Name :	008CAL5_P7110218.D

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	1306533	1310069	1293558	1303386	0.67	cps
Molybdenum	94-1	7763198	7722782	7715264	7733748	0.33	cps
Molybdenum	95-1	9558331	9452709	9492676	9501239	0.56	cps
Molybdenum	96-1	10605788	10504046	10496220	10535351	0.58	cps
Molybdenum	97-1	5937432	5893536	5891104	5907357	0.44	cps
Molybdenum	98-1	15356941	15208851	15315890	15293894	0.50	cps
Neodymium	150-1	487	400	487	458	10.93	cps
Neodymium	150-2	47	43	33	41	16.89	cps
Nickel	60-2	498517	498817	495821	497719	0.33	cps
Phosphorus	31-2	45245	47109	46883	46412	2.19	cps
Potassium	39-2	3865068	3859058	3822425	3848851	0.60	cps
Rhodium	103-1	12989596	13157185	13293146	13146642	1.16	cps
Rhodium	103-2	5860343	5959323	5877171	5898946	0.90	cps
Scandium	45-1	8929910	9137390	9164875	9077392	1.42	cps
Scandium	45-2	354174	360567	355431	356724	0.95	cps
Selenium	77-2	3844	3497	3671	3671	4.72	cps
Selenium	78-2	12685	12265	12428	12459	1.70	cps
Selenium	82-1	96182	96720	95791	96231	0.48	cps
Silicon	28-1	3747350	3768278	3786059	3767229	0.51	cps
Silver	109-1	5226934	5202769	5187841	5205848	0.38	cps
Silver	107-1	5429516	5458155	5430894	5439522	0.30	cps
Sodium	23-2	18278252	18200376	18062368	18180332	0.60	cps
Strontium	86-1	1272544	1268346	1261806	1267565	0.43	cps
Strontium	88-1	11096859	11033508	10993754	11041374	0.47	cps
Sulfur	34-1	1106051	1086230	1089771	1094017	0.97	cps
Terbium	159-1	20269414	20429121	20374435	20357656	0.40	cps
Terbium	159-2	9138379	9363554	9152208	9218047	1.37	cps
Thallium	203-1	4716008	4674849	4702524	4697793	0.45	cps
Thallium	205-1	11198861	11073154	11143445	11138487	0.57	cps
Thorium	232-1	16339067	16382856	16314608	16345510	0.21	cps
Tin	118-1	3397726	3375402	3353729	3375619	0.65	cps
Titanium	47-1	2796761	2795657	2767134	2786517	0.60	cps
Uranium	238-1	16198975	16142044	16228000	16189673	0.27	cps
Vanadium	51-2	857629	858820	854093	856847	0.29	cps
Yttrium	89-1	14412320	14595609	14535813	14514581	0.64	cps
Yttrium	89-2	1842334	1852214	1826682	1840410	0.70	cps

LB Number :	LB99065	Operator :	Jaswal
Lab Sample ID :	S5	Instrumnet Name :	P7
Client Sample ID :	S5	Dilution Factor :	1
Date & Time Acquired ::	2018-11-02 18:07:39	DataFile Name :	008CALS_P7110218.D

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zinc	66-2	420145	424832	419969	421649	0.65	cps
Zirconium	90-1	6495480	6481896	6392701	6456693	0.86	cps
Zirconium	91-1	1444920	1455596	1439459	1446658	0.57	cps

LB Number :	LB99065	Operator :	Jaswal
Lab Sample ID :	S6	Instrumnet Name :	P7
Client Sample ID :	S6	Dilution Factor :	1
Date & Time Acquired ::	2018-11-02 18:11:24	DataFile Name :	009CAL5_P7110218.D

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	1531365	1516301	1529743	1525803	0.54	cps
Antimony	121-1	7346121	7307878	7337366	7330455	0.27	cps
Arsenic	75-2	230510	229317	231689	230505	0.51	cps
Barium	135-1	9445549	9316324	9421583	9394485	0.73	cps
Barium	137-1	16308364	16159598	16370474	16279478	0.67	cps
Beryllium	9-1	2320030	2347507	2339798	2335778	0.61	cps
Bismuth	209-1	13422784	13374760	13596056	13464533	0.86	cps
Bismuth	209-2	6782365	6898633	6868858	6849952	0.88	cps
Boron	10-1	399732	404426	408868	404342	1.13	cps
Boron	11-1	1802588	1864199	1883400	1850062	2.28	cps
Cadmium	111-1	2089656	2100582	2103821	2098020	0.35	cps
Cadmium	106-1	253804	254803	254116	254241	0.20	cps
Cadmium	108-1	169265	170060	170259	169861	0.31	cps
Calcium	43-1	2378700	2403499	2407685	2396628	0.65	cps
Calcium	44-1	38184336	38564955	38667200	38472164	0.66	cps
Chromium	52-2	2098877	2083475	2108268	2096873	0.60	cps
Cobalt	59-2	3485530	3477372	3520000	3494301	0.65	cps
Copper	63-2	4984459	5007419	4993121	4995000	0.23	cps
Dysprosium	156-1	208	250	167	208	20.00	cps
Dysprosium	156-2	193	180	137	170	17.43	cps
Erbium	164-1	125	83	67	92	32.78	cps
Erbium	164-2	30	37	53	40	30.04	cps
Gadolinium	160-1	167	233	208	203	16.61	cps
Gadolinium	160-2	303	307	313	308	1.65	cps
Holmium	165-1	19553223	19343440	19869799	19588821	1.35	cps
Holmium	165-2	9025465	9162587	9036386	9074813	0.84	cps
Indium	115-1	13843300	13741849	14018903	13868017	1.01	cps
Indium	115-2	2380162	2428060	2420357	2409526	1.07	cps
Iron	56-2	90387991	90005160	90160955	90184702	0.21	cps
Iron	57-2	2245615	2230317	2239681	2238538	0.34	cps
Krypton	83-1	833	807	843	828	2.29	cps
Lead	206-1	7297394	7266214	7325944	7296517	0.41	cps
Lead	207-1	6483062	6575617	6584675	6547785	0.86	cps
Lead	208-1	29353281	29557608	29591327	29500739	0.44	cps
Lithium	6-1	5311196	5335691	5384808	5343898	0.70	cps
Magnesium	24-2	18339023	18186956	18332641	18286206	0.47	cps

LB Number :	LB99065	Operator :	Jaswal
Lab Sample ID :	S6	Instrumnet Name :	P7
Client Sample ID :	S6	Dilution Factor :	1
Date & Time Acquired ::	2018-11-02 18:11:24	DataFile Name :	009CAL5_P7110218.D

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	2471192	2472238	2489301	2477577	0.41	cps
Molybdenum	94-1	14790668	14798975	14942891	14844178	0.58	cps
Molybdenum	95-1	18197830	18213438	18299587	18236951	0.30	cps
Molybdenum	96-1	20114276	20216180	20289819	20206758	0.44	cps
Molybdenum	97-1	11312917	11332597	11337370	11327628	0.11	cps
Molybdenum	98-1	29273055	29479430	29496637	29416374	0.42	cps
Neodymium	150-1	873	793	840	836	4.81	cps
Neodymium	150-2	60	53	80	64	21.54	cps
Nickel	60-2	939527	932066	944519	938704	0.67	cps
Phosphorus	31-2	86467	86467	87734	86889	0.84	cps
Potassium	39-2	7287421	7240783	7313674	7280626	0.51	cps
Rhodium	103-1	12362228	12453546	12612688	12476154	1.02	cps
Rhodium	103-2	5532806	5646229	5587528	5588855	1.01	cps
Scandium	45-1	8741271	8715634	8854387	8770430	0.84	cps
Scandium	45-2	338732	344442	341906	341693	0.84	cps
Selenium	77-2	6735	6271	6618	6542	3.69	cps
Selenium	78-2	22375	22310	23005	22563	1.70	cps
Selenium	82-1	170084	173077	172893	172018	0.98	cps
Silicon	28-1	6060186	6185910	6233447	6159848	1.45	cps
Silver	109-1	9714620	9734693	9703053	9717456	0.16	cps
Silver	107-1	10166595	10235539	10187633	10196589	0.35	cps
Sodium	23-2	34720460	34702566	34729118	34717382	0.04	cps
Strontium	86-1	2384312	2423957	2435840	2414703	1.12	cps
Strontium	88-1	21052408	21136180	21297031	21161873	0.59	cps
Sulfur	34-1	1528928	1523708	1508519	1520385	0.70	cps
Terbium	159-1	19722294	19608033	20118303	19816210	1.35	cps
Terbium	159-2	8807266	8888352	8831197	8842272	0.47	cps
Thallium	203-1	8906084	8926675	8997881	8943547	0.54	cps
Thallium	205-1	21506862	21458535	21699239	21554879	0.59	cps
Thorium	232-1	31894866	31676610	31950931	31840802	0.46	cps
Tin	118-1	6389515	6414238	6381664	6395139	0.27	cps
Titanium	47-1	5204292	5272551	5227661	5234835	0.66	cps
Uranium	238-1	31382838	31358177	31591798	31444271	0.41	cps
Vanadium	51-2	1646120	1636091	1648416	1643542	0.40	cps
Yttrium	89-1	13904082	13894524	14225859	14008155	1.35	cps
Yttrium	89-2	1752027	1775551	1775205	1767594	0.76	cps

LB Number :	LB99065	Operator :	Jaswal
Lab Sample ID :	S6	Instrumnet Name :	P7
Client Sample ID :	S6	Dilution Factor :	1
Date & Time Acquired ::	2018-11-02 18:11:24	DataFile Name :	009CALS_P7110218.D

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zinc	66-2	764811	774599	774596	771335	0.73	cps
Zirconium	90-1	12346713	12374481	12422421	12381205	0.31	cps
Zirconium	91-1	2755860	2767404	2782114	2768459	0.48	cps

LB Number :	LB99065	Operator :	Jaswal
Lab Sample ID :	S7	Instrumnet Name :	P7
Client Sample ID :	S7	Dilution Factor :	1
Date & Time Acquired ::	2018-11-02 18:15:07	DataFile Name :	010CAL5_P7110218.D

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	3064701	3105855	3125326	3098627	1.00	cps
Antimony	121-1	14562288	14658544	14812499	14677777	0.86	cps
Arsenic	75-2	464155	466983	464666	465268	0.32	cps
Barium	135-1	18819470	19024388	19071918	18971925	0.71	cps
Barium	137-1	32733867	33130464	33199662	33021331	0.76	cps
Beryllium	9-1	4578410	4610015	4670213	4619546	1.01	cps
Bismuth	209-1	13164812	13353256	13595870	13371312	1.62	cps
Bismuth	209-2	6746444	6871197	6898424	6838688	1.18	cps
Boron	10-1	792669	802796	832051	809172	2.53	cps
Boron	11-1	3627631	3714077	3873809	3738506	3.34	cps
Cadmium	111-1	4116647	4179981	4181260	4159296	0.89	cps
Cadmium	106-1	491708	492645	503059	495804	1.27	cps
Cadmium	108-1	332809	334081	340340	335743	1.20	cps
Calcium	43-1	4735333	4817828	4871524	4808228	1.43	cps
Calcium	44-1	76468456	77489062	78490198	77482572	1.30	cps
Chromium	52-2	4218458	4244523	4264262	4242414	0.54	cps
Cobalt	59-2	6924854	6925875	6949917	6933549	0.20	cps
Copper	63-2	9801217	9850742	9860739	9837566	0.32	cps
Dysprosium	156-1	308	317	225	283	17.89	cps
Dysprosium	156-2	387	373	327	362	8.70	cps
Erbium	164-1	108	67	125	100	30.05	cps
Erbium	164-2	67	63	60	63	5.27	cps
Gadolinium	160-1	175	142	175	164	11.74	cps
Gadolinium	160-2	293	340	357	330	9.95	cps
Holmium	165-1	19683109	19953937	20034760	19890602	0.93	cps
Holmium	165-2	9225534	9408976	9317835	9317448	0.98	cps
Indium	115-1	13628753	13745995	13965555	13780101	1.24	cps
Indium	115-2	2375606	2425024	2423152	2407927	1.16	cps
Iron	56-2	180865843	182787754	182922026	182191874	0.63	cps
Iron	57-2	4513478	4564967	4559284	4545910	0.62	cps
Krypton	83-1	917	837	847	867	5.03	cps
Lead	206-1	14456290	14675639	14683587	14605172	0.88	cps
Lead	207-1	12944086	13122129	13137712	13067976	0.82	cps
Lead	208-1	58504279	59267018	59404859	59058719	0.82	cps
Lithium	6-1	5288433	5336272	5481696	5368801	1.87	cps
Magnesium	24-2	37039064	37090813	37112704	37080861	0.10	cps

LB Number :	LB99065	Operator :	Jaswal
Lab Sample ID :	S7	Instrumnet Name :	P7
Client Sample ID :	S7	Dilution Factor :	1
Date & Time Acquired ::	2018-11-02 18:15:07	DataFile Name :	010CAL5_P7110218.D

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	4985697	5008339	5021856	5005297	0.37	cps
Molybdenum	94-1	30004995	30495940	30582138	30361025	1.03	cps
Molybdenum	95-1	36795080	37210940	37280381	37095467	0.71	cps
Molybdenum	96-1	40617080	41119935	41201768	40979594	0.77	cps
Molybdenum	97-1	22800555	23112328	23262591	23058491	1.02	cps
Molybdenum	98-1	59260376	59854395	60171676	59762149	0.77	cps
Neodymium	150-1	1987	1680	1740	1802	9.02	cps
Neodymium	150-2	110	163	203	159	29.47	cps
Nickel	60-2	1851471	1875770	1875164	1867469	0.74	cps
Phosphorus	31-2	173792	174443	177090	175109	1.00	cps
Potassium	39-2	14811544	15012931	15002209	14942228	0.76	cps
Rhodium	103-1	12233522	12390278	12634111	12419304	1.63	cps
Rhodium	103-2	5557919	5617684	5607854	5594486	0.57	cps
Scandium	45-1	8741308	8810406	9007927	8853214	1.56	cps
Scandium	45-2	352520	358147	355997	355555	0.80	cps
Selenium	77-2	13513	13360	13647	13506	1.06	cps
Selenium	78-2	44254	44551	43779	44195	0.88	cps
Selenium	82-1	332038	337348	339590	336325	1.15	cps
Silicon	28-1	10964034	11190028	11357665	11170576	1.77	cps
Silver	109-1	19119164	19392634	19287915	19266571	0.72	cps
Silver	107-1	20014353	20024319	20278115	20105596	0.74	cps
Sodium	23-2	70978847	71601277	71371689	71317271	0.44	cps
Strontium	86-1	4790026	4888884	4938285	4872398	1.55	cps
Strontium	88-1	42430397	42874027	43369648	42891357	1.10	cps
Sulfur	34-1	2452447	2498688	2524124	2491753	1.46	cps
Terbium	159-1	19803993	20080251	20472921	20119055	1.67	cps
Terbium	159-2	8989236	9175885	9070444	9078522	1.03	cps
Thallium	203-1	17784283	18053704	17979918	17939301	0.78	cps
Thallium	205-1	42821373	43145440	43262786	43076533	0.53	cps
Thorium	232-1	64258719	64917739	65674203	64950220	1.09	cps
Tin	118-1	12707297	12780834	12920712	12802948	0.85	cps
Titanium	47-1	10409018	10541722	10675117	10541952	1.26	cps
Uranium	238-1	63160308	63898935	64684810	63914684	1.19	cps
Vanadium	51-2	3354350	3373509	3376456	3368105	0.36	cps
Yttrium	89-1	13996297	14154162	14475560	14208673	1.72	cps
Yttrium	89-2	1792793	1835361	1824932	1817695	1.22	cps

LB Number :	LB99065	Operator :	Jaswal
Lab Sample ID :	S7	Instrumnet Name :	P7
Client Sample ID :	S7	Dilution Factor :	1
Date & Time Acquired ::	2018-11-02 18:15:07	DataFile Name :	010CALS_P7110218.D

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zinc	66-2	1489537	1502722	1501198	1497819	0.48	cps
Zirconium	90-1	25122179	25166520	25495680	25261459	0.81	cps
Zirconium	91-1	5630864	5638985	5703964	5657938	0.71	cps

LB Number :	LB99065	Operator :	Jaswal
Lab Sample ID :	S8	Instrumnet Name :	P7
Client Sample ID :	S8	Dilution Factor :	1
Date & Time Acquired ::	2018-11-02 18:18:53	DataFile Name :	011CAL5_P7110218.D

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	17956145	18167862	18333721	18152576	1.04	cps
Antimony	121-1	25349	25307	25666	25441	0.77	cps
Arsenic	75-2	870	898	867	878	1.96	cps
Barium	135-1	4901	4818	4759	4826	1.48	cps
Barium	137-1	7928	8311	8628	8289	4.23	cps
Beryllium	9-1	772	717	945	811	14.64	cps
Bismuth	209-1	12205143	12421457	12382383	12336328	0.93	cps
Bismuth	209-2	6228144	6332913	6360866	6307308	1.11	cps
Boron	10-1	20414	18796	17135	18782	8.73	cps
Boron	11-1	94059	85560	79778	86466	8.31	cps
Cadmium	111-1	2289	2489	2225	2334	5.89	cps
Cadmium	106-1	7744	8311	7853	7969	3.78	cps
Cadmium	108-1	163	158	154	158	2.63	cps
Calcium	43-1	26938663	27368152	27518843	27275219	1.10	cps
Calcium	44-1	437071893	444946777	443949793	441989488	0.97	cps
Chromium	52-2	214874	218514	219668	217685	1.15	cps
Cobalt	59-2	96199	98313	98155	97556	1.21	cps
Copper	63-2	26371	26230	26080	26227	0.55	cps
Dysprosium	156-1	192	208	358	253	36.31	cps
Dysprosium	156-2	127	97	127	117	14.85	cps
Erbium	164-1	167	125	192	161	20.90	cps
Erbium	164-2	73	77	93	81	13.22	cps
Gadolinium	160-1	267	283	250	267	6.25	cps
Gadolinium	160-2	417	367	393	392	6.38	cps
Holmium	165-1	20464984	20901870	20826168	20731007	1.13	cps
Holmium	165-2	9720732	9736316	9765440	9740830	0.23	cps
Indium	115-1	14146790	14523140	14614797	14428242	1.72	cps
Indium	115-2	2586119	2617590	2629678	2611129	0.86	cps
Iron	56-2	995806689	1002458178	1007481534	1001915467	0.58	cps
Iron	57-2	24431823	24639721	24874348	24648631	0.90	cps
Krypton	83-1	950	1087	923	987	8.88	cps
Lead	206-1	20572	20355	19749	20225	2.11	cps
Lead	207-1	17924	17478	17289	17564	1.85	cps
Lead	208-1	79610	79912	77857	79126	1.40	cps
Lithium	6-1	5420135	5487212	5578913	5495420	1.45	cps
Magnesium	24-2	202676875	204366205	205242980	204095353	0.64	cps

LB Number :	LB99065	Operator :	Jaswal
Lab Sample ID :	S8	Instrumnet Name :	P7
Client Sample ID :	S8	Dilution Factor :	1
Date & Time Acquired ::	2018-11-02 18:18:53	DataFile Name :	011CAL5_P7110218.D

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	40405	40412	41124	40647	1.02	cps
Molybdenum	94-1	42548	42230	41737	42172	0.97	cps
Molybdenum	95-1	65644	66078	64354	65359	1.37	cps
Molybdenum	96-1	83368	82757	83293	83139	0.40	cps
Molybdenum	97-1	40985	40400	40818	40734	0.74	cps
Molybdenum	98-1	106622	102979	103028	104210	2.01	cps
Neodymium	150-1	407	293	420	373	18.64	cps
Neodymium	150-2	193	147	213	184	18.55	cps
Nickel	60-2	76170	77440	77316	76975	0.91	cps
Phosphorus	31-2	433	442	350	408	12.41	cps
Potassium	39-2	85188983	86938698	87456325	86528002	1.37	cps
Rhodium	103-1	12014429	12344773	12432749	12263984	1.80	cps
Rhodium	103-2	5503047	5559792	5625270	5562703	1.10	cps
Scandium	45-1	9394911	9714124	9763165	9624067	2.08	cps
Scandium	45-2	390612	396912	396553	394692	0.90	cps
Selenium	77-2	60	40	23	41	44.66	cps
Selenium	78-2	111	167	117	131	23.27	cps
Selenium	82-1	362	243	426	344	27.04	cps
Silicon	28-1	544813	559749	559955	554839	1.57	cps
Silver	109-1	3117	2825	2825	2923	5.76	cps
Silver	107-1	2942	2917	3059	2973	2.54	cps
Sodium	23-2	388019025	390769309	396422576	391736970	1.09	cps
Strontium	86-1	26659	26058	26526	26414	1.19	cps
Strontium	88-1	218269	224249	222981	221833	1.42	cps
Sulfur	34-1	561912	573466	585267	573548	2.04	cps
Terbium	159-1	20631431	21111496	21146001	20962976	1.37	cps
Terbium	159-2	9519020	9578677	9641487	9579728	0.64	cps
Thallium	203-1	7844	7302	7136	7427	4.99	cps
Thallium	205-1	18497	18021	17621	18046	2.43	cps
Thorium	232-1	12868	12067	11500	12145	5.66	cps
Tin	118-1	20240	18997	19089	19442	3.56	cps
Titanium	47-1	5293	5393	5093	5259	2.91	cps
Uranium	238-1	11914	12490	11772	12059	3.15	cps
Vanadium	51-2	1950	1753	1847	1850	5.32	cps
Yttrium	89-1	14740387	15147877	15237509	15041924	1.76	cps
Yttrium	89-2	1979026	2003361	2016582	1999656	0.95	cps

LB Number :	LB99065	Operator :	Jaswal
Lab Sample ID :	S8	Instrumnet Name :	P7
Client Sample ID :	S8	Dilution Factor :	1
Date & Time Acquired ::	2018-11-02 18:18:53	DataFile Name :	011CALS_P7110218.D

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zinc	66-2	13643	14545	14538	14242	3.64	cps
Zirconium	90-1	14333	14124	14516	14324	1.37	cps
Zirconium	91-1	3276	3117	3117	3170	2.89	cps

LB Number : LB99065 Operator : Jaswal
 Lab Sample ID : ICV01 Instrumnet Name : P7
 Client Sample ID : ICV01 Dilution Factor : 1
 Date & Time Acquired :: 2018-11-02 18:40:44 DataFile Name : 013ICV01_P7110218.D

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	88788	90305	91220	90104	1.36	cps
Antimony	121-1	3393266	3370900	3383794	3382653	0.33	cps
Arsenic	75-2	113309	113408	114433	113717	0.55	cps
Barium	135-1	441505	435667	443206	440126	0.90	cps
Barium	137-1	757469	761559	763158	760728	0.39	cps
Beryllium	9-1	587941	582614	582453	584336	0.53	cps
Bismuth	209-1	15819545	16085665	15703457	15869556	1.23	cps
Bismuth	209-2	8137024	8271051	8258036	8222037	0.90	cps
Boron	10-1	576501	564111	563095	567902	1.31	cps
Boron	11-1	2613432	2581374	2605395	2600067	0.64	cps
Cadmium	111-1	520215	515441	515932	517196	0.51	cps
Cadmium	106-1	112553	114250	112286	113030	0.94	cps
Cadmium	108-1	57479	58738	58399	58206	1.12	cps
Calcium	43-1	139367	139501	139090	139319	0.15	cps
Calcium	44-1	2064558	2041983	2043467	2050002	0.62	cps
Chromium	52-2	493681	493646	492809	493379	0.10	cps
Cobalt	59-2	854992	850730	849867	851863	0.32	cps
Copper	63-2	619302	623680	624343	622442	0.44	cps
Dysprosium	156-1	8	33	58	33	75.02	cps
Dysprosium	156-2	37	17	20	24	43.83	cps
Erbium	164-1	175	175	117	156	21.65	cps
Erbium	164-2	87	123	83	98	22.70	cps
Gadolinium	160-1	142	200	150	164	19.25	cps
Gadolinium	160-2	310	393	313	339	13.92	cps
Holmium	165-1	22255286	22597979	22223226	22358830	0.93	cps
Holmium	165-2	10404098	10556609	10488839	10483182	0.73	cps
Indium	115-1	16740907	16901161	16664404	16768824	0.72	cps
Indium	115-2	2896386	2962149	2913704	2924080	1.17	cps
Iron	56-2	4359504	4338532	4343857	4347297	0.25	cps
Iron	57-2	107211	108722	109780	108571	1.19	cps
Krypton	83-1	850	970	903	908	6.62	cps
Lead	206-1	3401950	3396386	3411051	3403129	0.22	cps
Lead	207-1	2941231	2929804	2962949	2944661	0.57	cps
Lead	208-1	13496650	13410662	13439542	13448951	0.33	cps
Lithium	6-1	6495739	6630649	6492562	6539650	1.21	cps
Magnesium	24-2	521230	525202	524692	523708	0.41	cps

LB Number :	LB99065	Operator :	Jaswal
Lab Sample ID :	ICV01	Instrumnet Name :	P7
Client Sample ID :	ICV01	Dilution Factor :	1
Date & Time Acquired ::	2018-11-02 18:40:44	DataFile Name :	013ICV01_P7110218.D

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	292369	292393	291590	292117	0.16	cps
Molybdenum	94-1	7633473	7523449	7617290	7591404	0.78	cps
Molybdenum	95-1	4308884	4287561	4306663	4301036	0.27	cps
Molybdenum	96-1	5475175	5437487	5436761	5449808	0.40	cps
Molybdenum	97-1	2696541	2677831	2689809	2688060	0.35	cps
Molybdenum	98-1	6913395	6849123	6892568	6885029	0.48	cps
Neodymium	150-1	87	40	60	62	37.63	cps
Neodymium	150-2	7	7	10	8	24.71	cps
Nickel	60-2	233340	230097	230963	231467	0.73	cps
Phosphorus	31-2	192	267	258	239	17.21	cps
Potassium	39-2	734881	738276	741808	738321	0.47	cps
Rhodium	103-1	15451615	15715051	15425533	15530733	1.03	cps
Rhodium	103-2	6925482	6954084	6923827	6934465	0.25	cps
Scandium	45-1	10858459	10958725	10796936	10871373	0.75	cps
Scandium	45-2	420316	427490	427404	425070	0.97	cps
Selenium	77-2	3284	3297	3487	3356	3.39	cps
Selenium	78-2	11697	12003	12011	11904	1.50	cps
Selenium	82-1	90843	90539	90351	90577	0.27	cps
Silicon	28-1	6279862	6242479	6265682	6262674	0.30	cps
Silver	109-1	2357348	2361087	2367421	2361952	0.22	cps
Silver	107-1	2503820	2501424	2485518	2496921	0.40	cps
Sodium	23-2	1652437	1661831	1666955	1660408	0.44	cps
Strontium	86-1	2796256	2777342	2799911	2791170	0.43	cps
Strontium	88-1	24304957	24243088	24277047	24275031	0.13	cps
Sulfur	34-1	647115	637420	631808	638781	1.21	cps
Terbium	159-1	22743086	23032730	22691710	22822509	0.81	cps
Terbium	159-2	10208692	10371857	10233877	10271475	0.86	cps
Thallium	203-1	4187499	4207860	4203130	4199496	0.25	cps
Thallium	205-1	10026429	10045454	9949312	10007065	0.51	cps
Thorium	232-1	3651	3312	3273	3412	6.09	cps
Tin	118-1	7549145	7507537	7542628	7533104	0.30	cps
Titanium	47-1	1304855	1298444	1304271	1302523	0.27	cps
Uranium	238-1	37819446	37491518	37601771	37637578	0.44	cps
Vanadium	51-2	390817	387732	387652	388734	0.46	cps
Yttrium	89-1	16852609	17077295	16739903	16889936	1.02	cps
Yttrium	89-2	2125174	2159738	2151188	2145367	0.84	cps

LB Number :	LB99065	Operator :	Jaswal
Lab Sample ID :	ICV01	Instrumnet Name :	P7
Client Sample ID :	ICV01	Dilution Factor :	1
Date & Time Acquired ::	2018-11-02 18:40:44	DataFile Name :	013ICV01_P7110218.D

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zinc	66-2	198231	199750	201102	199694	0.72	cps
Zirconium	90-1	14334058	14180484	14188554	14234365	0.61	cps
Zirconium	91-1	3170850	3143454	3172192	3162165	0.51	cps

LB Number : LB99065 Operator : Jaswal
 Lab Sample ID : LLICV01 Instrumnet Name : P7
 Client Sample ID : LLICV01 Dilution Factor : 1
 Date & Time Acquired :: 2018-11-02 18:55:19 DataFile Name : 015LLIC_P7110218.D

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	3926	4251	3851	4009	5.31	cps
Antimony	121-1	33191	34594	35211	34332	3.02	cps
Arsenic	75-2	611	702	628	647	7.47	cps
Barium	135-1	42173	42424	41221	41939	1.51	cps
Barium	137-1	71811	71894	73722	72475	1.49	cps
Beryllium	9-1	6074	6140	6101	6105	0.55	cps
Bismuth	209-1	16327378	16339764	15927781	16198308	1.45	cps
Bismuth	209-2	8595109	8521625	8605103	8573946	0.53	cps
Boron	10-1	27526	28135	29513	28391	3.59	cps
Boron	11-1	127813	129881	132965	130219	1.99	cps
Cadmium	111-1	6971	6683	6605	6753	2.86	cps
Cadmium	106-1	9328	8495	8445	8756	5.67	cps
Cadmium	108-1	458	429	396	428	7.31	cps
Calcium	43-1	28871	28412	29079	28787	1.19	cps
Calcium	44-1	472456	468197	469190	469947	0.47	cps
Chromium	52-2	11415	11535	11348	11432	0.83	cps
Cobalt	59-2	9060	8609	9006	8892	2.77	cps
Copper	63-2	13406	13580	13463	13483	0.66	cps
Dysprosium	156-1	8	67	33	36	81.06	cps
Dysprosium	156-2	7	10	7	8	24.71	cps
Erbium	164-1	67	58	92	72	24.02	cps
Erbium	164-2	60	53	43	52	16.07	cps
Gadolinium	160-1	150	158	183	164	10.58	cps
Gadolinium	160-2	290	343	363	332	11.41	cps
Holmium	165-1	23046457	23066498	22824059	22979005	0.59	cps
Holmium	165-2	10960051	10921122	10968564	10949912	0.23	cps
Indium	115-1	17653417	17591560	17510738	17585238	0.41	cps
Indium	115-2	3111578	3131810	3129621	3124336	0.36	cps
Iron	56-2	230042	229328	234008	231126	1.09	cps
Iron	57-2	6029	6063	6018	6037	0.38	cps
Krypton	83-1	853	863	923	880	4.30	cps
Lead	206-1	17651	17868	17601	17707	0.80	cps
Lead	207-1	15459	15749	15609	15606	0.93	cps
Lead	208-1	70319	71265	70842	70809	0.67	cps
Lithium	6-1	6651971	6587089	6594616	6611226	0.54	cps
Magnesium	24-2	214685	217355	214117	215386	0.80	cps

LB Number :	LB99065	Operator :	Jaswal
Lab Sample ID :	LLICV01	Instrumnet Name :	P7
Client Sample ID :	LLICV01	Dilution Factor :	1
Date & Time Acquired ::	2018-11-02 18:55:19	DataFile Name :	015LLIC_P7110218.D

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	3100	3260	3394	3252	4.52	cps
Molybdenum	94-1	36222	34927	36957	36035	2.85	cps
Molybdenum	95-1	43291	42138	43124	42851	1.45	cps
Molybdenum	96-1	48057	47421	46201	47226	2.00	cps
Molybdenum	97-1	27686	25674	27527	26962	4.15	cps
Molybdenum	98-1	69077	69026	68967	69024	0.08	cps
Neodymium	150-1	20	20	13	18	21.66	cps
Neodymium	150-2	7	10	7	8	24.71	cps
Nickel	60-2	2797	2770	2650	2739	2.85	cps
Phosphorus	31-2	300	325	292	306	5.68	cps
Potassium	39-2	204034	207802	210876	207571	1.65	cps
Rhodium	103-1	16340864	16349859	16228538	16306421	0.41	cps
Rhodium	103-2	7441115	7441410	7387332	7423285	0.42	cps
Scandium	45-1	11325929	11341633	11195780	11287781	0.71	cps
Scandium	45-2	443456	446887	447506	445950	0.49	cps
Selenium	77-2	123	107	83	104	19.24	cps
Selenium	78-2	404	394	369	389	4.69	cps
Selenium	82-1	2496	2447	2480	2474	1.02	cps
Silicon	28-1	499292	505001	502055	502116	0.57	cps
Silver	109-1	23838	24530	23537	23968	2.12	cps
Silver	107-1	25307	24121	24915	24781	2.44	cps
Sodium	23-2	429216	428716	421297	426410	1.04	cps
Strontium	86-1	7377	7402	7519	7433	1.02	cps
Strontium	88-1	52028	53275	50699	52001	2.48	cps
Sulfur	34-1	693385	690520	692721	692209	0.22	cps
Terbium	159-1	23541647	23553410	23331690	23475582	0.53	cps
Terbium	159-2	10752176	10810963	10745757	10769632	0.33	cps
Thallium	203-1	20609	19916	20366	20297	1.73	cps
Thallium	205-1	48281	49342	48222	48615	1.30	cps
Thorium	232-1	67351	65721	66966	66679	1.28	cps
Tin	118-1	75360	74114	76283	75252	1.45	cps
Titanium	47-1	12865	12748	12439	12684	1.73	cps
Uranium	238-1	67368	65457	68289	67038	2.15	cps
Vanadium	51-2	19894	19844	19426	19721	1.30	cps
Yttrium	89-1	17680326	17660727	17412983	17584679	0.85	cps
Yttrium	89-2	2271733	2279494	2296189	2282472	0.55	cps

LB Number :	LB99065	Operator :	Jaswal
Lab Sample ID :	LLICV01	Instrumnet Name :	P7
Client Sample ID :	LLICV01	Dilution Factor :	1
Date & Time Acquired ::	2018-11-02 18:55:19	DataFile Name :	015LLIC_P7110218.D

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zinc	66-2	3425	3469	3759	3551	5.12	cps
Zirconium	90-1	31770	31987	32471	32076	1.12	cps
Zirconium	91-1	7569	6835	6935	7113	5.59	cps

LB Number : LB99065 Operator : Jaswal
 Lab Sample ID : ICB0101 Instrumnet Name : P7
 Client Sample ID : ICB0101 Dilution Factor : 1
 Date & Time Acquired :: 2018-11-02 19:03:23 DataFile Name : 016CCBE_P7110218.D

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	342	267	275	294	13.96	cps
Antimony	121-1	367	258	383	336	20.19	cps
Arsenic	75-2	24	31	24	27	16.12	cps
Barium	135-1	167	100	92	119	34.42	cps
Barium	137-1	192	133	183	169	18.62	cps
Beryllium	9-1	100	133	111	115	14.78	cps
Bismuth	209-1	16314397	16457263	16341195	16370952	0.46	cps
Bismuth	209-2	8671171	8634664	8575975	8627270	0.56	cps
Boron	10-1	4384	4451	4376	4404	0.93	cps
Boron	11-1	19764	20206	21182	20384	3.56	cps
Cadmium	111-1	1650	1659	1722	1677	2.35	cps
Cadmium	106-1	8128	8336	8428	8297	1.85	cps
Cadmium	108-1	25	29	25	26	9.12	cps
Calcium	43-1	400	592	442	478	21.10	cps
Calcium	44-1	20251	20309	20309	20290	0.17	cps
Chromium	52-2	510	510	540	520	3.33	cps
Cobalt	59-2	127	93	127	116	16.65	cps
Copper	63-2	440	490	533	488	9.58	cps
Dysprosium	156-1	0	8	25	11	114.58	cps
Dysprosium	156-2	13	23	10	16	44.60	cps
Erbium	164-1	75	75	108	86	22.35	cps
Erbium	164-2	33	33	27	31	12.36	cps
Gadolinium	160-1	100	142	217	153	38.70	cps
Gadolinium	160-2	437	320	380	379	15.40	cps
Holmium	165-1	23217390	23213085	23190288	23206921	0.06	cps
Holmium	165-2	11074780	11066603	10977137	11039507	0.49	cps
Indium	115-1	17843467	17760343	17769669	17791160	0.26	cps
Indium	115-2	3163140	3185896	3165537	3171524	0.39	cps
Iron	56-2	6974	7013	7230	7072	1.95	cps
Iron	57-2	272	317	322	304	9.02	cps
Krypton	83-1	1000	983	1027	1003	2.18	cps
Lead	206-1	1300	1333	1239	1291	3.71	cps
Lead	207-1	1145	1078	1033	1085	5.15	cps
Lead	208-1	5045	5012	5073	5043	0.61	cps
Lithium	6-1	6713594	6649238	6685445	6682759	0.48	cps
Magnesium	24-2	517	650	650	606	12.71	cps

LB Number :	LB99065	Operator :	Jaswal
Lab Sample ID :	ICB0101	Instrumnet Name :	P7
Client Sample ID :	ICB0101	Dilution Factor :	1
Date & Time Acquired ::	2018-11-02 19:03:23	DataFile Name :	016CCBE_P7110218.D

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	100	97	80	92	11.62	cps
Molybdenum	94-1	558	592	658	603	8.45	cps
Molybdenum	95-1	175	150	158	161	7.90	cps
Molybdenum	96-1	283	300	300	294	3.27	cps
Molybdenum	97-1	133	125	100	119	14.52	cps
Molybdenum	98-1	258	275	325	286	12.13	cps
Neodymium	150-1	13	40	13	22	69.30	cps
Neodymium	150-2	10	23	3	12	83.33	cps
Nickel	60-2	113	153	190	152	25.19	cps
Phosphorus	31-2	308	333	292	311	6.74	cps
Potassium	39-2	30783	30599	30591	30658	0.35	cps
Rhodium	103-1	16707371	16632897	16560886	16633718	0.44	cps
Rhodium	103-2	7525761	7502589	7442215	7490188	0.58	cps
Scandium	45-1	11533760	11501859	11532681	11522766	0.16	cps
Scandium	45-2	446422	450502	447538	448154	0.47	cps
Selenium	77-2	7	0	7	4	86.60	cps
Selenium	78-2	104	91	94	96	6.94	cps
Selenium	82-1	121	146	57	108	42.39	cps
Silicon	28-1	315472	310107	315267	313615	0.97	cps
Silver	109-1	175	100	158	144	27.27	cps
Silver	107-1	300	225	342	289	20.47	cps
Sodium	23-2	17194	16760	16701	16885	1.59	cps
Strontium	86-1	1517	1458	1750	1575	9.80	cps
Strontium	88-1	1533	1392	1375	1433	6.07	cps
Sulfur	34-1	700979	705376	709777	705377	0.62	cps
Terbium	159-1	23660467	23592575	23793812	23682285	0.43	cps
Terbium	159-2	10912139	10868239	10749603	10843327	0.78	cps
Thallium	203-1	342	375	500	406	20.58	cps
Thallium	205-1	1067	1175	1000	1081	8.17	cps
Thorium	232-1	261	306	233	267	13.66	cps
Tin	118-1	1250	1550	1533	1445	11.67	cps
Titanium	47-1	208	250	208	222	10.83	cps
Uranium	238-1	350	450	408	403	12.47	cps
Vanadium	51-2	37	27	20	28	30.20	cps
Yttrium	89-1	17867602	17875166	17901498	17881422	0.10	cps
Yttrium	89-2	2309409	2312299	2304346	2308685	0.17	cps

LB Number :	LB99065	Operator :	Jaswal
Lab Sample ID :	ICB0101	Instrumnet Name :	P7
Client Sample ID :	ICB0101	Dilution Factor :	1
Date & Time Acquired ::	2018-11-02 19:03:23	DataFile Name :	016CCBE_P7110218.D

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zinc	66-2	1234	1401	1336	1323	6.37	cps
Zirconium	90-1	1433	1408	1358	1400	2.73	cps
Zirconium	91-1	317	342	258	306	13.99	cps

LB Number :	LB99065	Operator :	Jaswal
Lab Sample ID :	ICSA01	Instrumnet Name :	P7
Client Sample ID :	ICSA01	Dilution Factor :	1
Date & Time Acquired ::	2018-11-02 19:06:58	DataFile Name :	017ICSA01_P7110218.D

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	16067626	16054731	16181048	16101135	0.43	cps
Antimony	121-1	18638	18396	18972	18669	1.55	cps
Arsenic	75-2	215	198	235	216	8.59	cps
Barium	135-1	6152	5768	6519	6146	6.11	cps
Barium	137-1	10221	11188	11205	10871	5.18	cps
Beryllium	9-1	1728	1578	1417	1574	9.88	cps
Bismuth	209-1	14428172	14480800	14430713	14446562	0.21	cps
Bismuth	209-2	7517483	7537234	7539081	7531266	0.16	cps
Boron	10-1	4543	4159	4267	4323	4.57	cps
Boron	11-1	20281	19463	19321	19689	2.63	cps
Cadmium	111-1	4308	3948	4282	4179	4.80	cps
Cadmium	106-1	7661	7160	7919	7580	5.09	cps
Cadmium	108-1	5585	5343	5214	5380	3.50	cps
Calcium	43-1	5345105	5375018	5376720	5365615	0.33	cps
Calcium	44-1	86904412	86658394	87419364	86994057	0.45	cps
Chromium	52-2	94400	93706	96238	94781	1.38	cps
Cobalt	59-2	9853	9810	9773	9812	0.41	cps
Copper	63-2	43461	44394	43735	43863	1.09	cps
Dysprosium	156-1	83	108	100	97	13.09	cps
Dysprosium	156-2	37	43	57	46	22.36	cps
Erbium	164-1	117	192	150	153	24.60	cps
Erbium	164-2	80	67	47	64	26.03	cps
Gadolinium	160-1	242	275	317	278	13.53	cps
Gadolinium	160-2	343	373	437	384	12.39	cps
Holmium	165-1	22122252	22111547	22273680	22169160	0.41	cps
Holmium	165-2	10513514	10550765	10458014	10507431	0.44	cps
Indium	115-1	15837400	15617879	15804966	15753415	0.75	cps
Indium	115-2	2791585	2796900	2818705	2802397	0.51	cps
Iron	56-2	412377887	412402187	412613054	412464376	0.03	cps
Iron	57-2	10020343	10058401	10098160	10058968	0.39	cps
Krypton	83-1	960	853	900	904	5.91	cps
Lead	206-1	76888	76223	76514	76542	0.44	cps
Lead	207-1	60744	59026	60320	60030	1.49	cps
Lead	208-1	288378	286404	284843	286542	0.62	cps
Lithium	6-1	5991446	6007443	6001604	6000164	0.13	cps
Magnesium	24-2	40427995	40752072	40645898	40608655	0.41	cps

LB Number :	LB99065	Operator :	Jaswal
Lab Sample ID :	ICSA01	Instrumnet Name :	P7
Client Sample ID :	ICSA01	Dilution Factor :	1
Date & Time Acquired ::	2018-11-02 19:06:58	DataFile Name :	017ICSA01_P7110218.D

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	22978	22751	22447	22726	1.17	cps
Molybdenum	94-1	9209876	9220475	9194792	9208381	0.14	cps
Molybdenum	95-1	16196712	16233119	16200282	16210038	0.12	cps
Molybdenum	96-1	17241521	17311990	17307196	17286902	0.23	cps
Molybdenum	97-1	9992915	10077570	10065795	10045427	0.46	cps
Molybdenum	98-1	26020518	26174991	26086020	26093843	0.30	cps
Neodymium	150-1	93	80	133	102	27.15	cps
Neodymium	150-2	27	53	40	40	33.33	cps
Nickel	60-2	11765	11448	11541	11585	1.41	cps
Phosphorus	31-2	995775	986658	998648	993694	0.63	cps
Potassium	39-2	33879002	33745142	34117768	33913971	0.56	cps
Rhodium	103-1	14218618	14079830	14058586	14119011	0.62	cps
Rhodium	103-2	6381803	6362842	6391165	6378603	0.23	cps
Scandium	45-1	10300262	10358717	10377979	10345653	0.39	cps
Scandium	45-2	405146	405685	410309	407047	0.70	cps
Selenium	77-2	20	13	13	16	24.76	cps
Selenium	78-2	67	83	83	78	12.37	cps
Selenium	82-1	149	240	238	209	25.06	cps
Silicon	28-1	568997	565595	560141	564911	0.79	cps
Silver	109-1	1058	1308	1258	1208	10.95	cps
Silver	107-1	1392	1625	1533	1517	7.75	cps
Sodium	23-2	77750231	78375489	78261433	78129051	0.43	cps
Strontium	86-1	184622	186267	187477	186122	0.77	cps
Strontium	88-1	1611459	1611751	1628656	1617288	0.61	cps
Sulfur	34-1	8795528	8737026	8685953	8739502	0.63	cps
Terbium	159-1	22449785	22391620	22477074	22439493	0.19	cps
Terbium	159-2	10225412	10206453	10295241	10242368	0.46	cps
Thallium	203-1	2059	2467	2484	2336	10.30	cps
Thallium	205-1	4526	5368	5310	5068	9.28	cps
Thorium	232-1	639	717	589	648	9.93	cps
Tin	118-1	3767	3609	3501	3626	3.70	cps
Titanium	47-1	4937091	4972389	4924546	4944675	0.50	cps
Uranium	238-1	1250	1358	1058	1222	12.43	cps
Vanadium	51-2	697	680	693	690	1.28	cps
Yttrium	89-1	16265646	16172168	16318979	16252264	0.46	cps
Yttrium	89-2	2115303	2115612	2111112	2114009	0.12	cps

LB Number :	LB99065	Operator :	Jaswal
Lab Sample ID :	ICSA01	Instrumnet Name :	P7
Client Sample ID :	ICSA01	Dilution Factor :	1
Date & Time Acquired ::	2018-11-02 19:06:58	DataFile Name :	017ICSA01_P7110218.D

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zinc	66-2	10752	10676	10722	10717	0.36	cps
Zirconium	90-1	2292	2167	2284	2247	3.11	cps
Zirconium	91-1	392	517	400	436	16.03	cps

LB Number : LB99065 Operator : Jaswal
 Lab Sample ID : ICSAB01 Instrumnet Name : P7
 Client Sample ID : ICSAB01 Dilution Factor : 1
 Date & Time Acquired :: 2018-11-02 19:10:33 DataFile Name : 018ICSB_P7110218.D

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	16171503	16183663	16254580	16203248	0.28	cps
Antimony	121-1	347854	351325	353405	350862	0.80	cps
Arsenic	75-2	10971	10847	10893	10904	0.58	cps
Barium	135-1	93731	93278	93186	93399	0.31	cps
Barium	137-1	161689	163197	163180	162688	0.53	cps
Beryllium	9-1	108776	106936	109000	108237	1.05	cps
Bismuth	209-1	14624594	14708325	14638196	14657038	0.31	cps
Bismuth	209-2	7515960	7524447	7545789	7528732	0.20	cps
Boron	10-1	52592	52718	52392	52567	0.31	cps
Boron	11-1	240100	245352	244855	243436	1.19	cps
Cadmium	111-1	97675	97737	98150	97854	0.26	cps
Cadmium	106-1	22093	21409	21409	21637	1.83	cps
Cadmium	108-1	13728	13648	13490	13622	0.89	cps
Calcium	43-1	5424328	5495203	5497219	5472250	0.76	cps
Calcium	44-1	87839167	88348364	88459452	88215661	0.37	cps
Chromium	52-2	191526	190274	192066	191289	0.48	cps
Cobalt	59-2	171104	170713	171546	171121	0.24	cps
Copper	63-2	160027	159602	160190	159940	0.19	cps
Dysprosium	156-1	108	117	117	114	4.22	cps
Dysprosium	156-2	60	90	63	71	23.12	cps
Erbium	164-1	125	175	167	156	17.22	cps
Erbium	164-2	43	83	103	77	39.85	cps
Gadolinium	160-1	258	242	275	258	6.45	cps
Gadolinium	160-2	320	370	353	348	7.32	cps
Holmium	165-1	22545439	22899977	22517954	22654456	0.94	cps
Holmium	165-2	10569864	10515564	10505964	10530464	0.33	cps
Indium	115-1	16132169	16263960	16109534	16168554	0.52	cps
Indium	115-2	2832209	2818312	2816750	2822424	0.30	cps
Iron	56-2	417958554	414887420	415632376	416159450	0.38	cps
Iron	57-2	10059898	10172893	10137680	10123490	0.57	cps
Krypton	83-1	907	973	1020	967	5.89	cps
Lead	206-1	397236	402768	399722	399908	0.69	cps
Lead	207-1	328568	330772	329060	329467	0.35	cps
Lead	208-1	1534787	1540457	1538692	1537978	0.19	cps
Lithium	6-1	6076037	6049446	6012146	6045876	0.53	cps
Magnesium	24-2	40691921	40745434	40916367	40784574	0.29	cps

LB Number : LB99065 Operator : Jaswal
 Lab Sample ID : ICSAB01 Instrumnet Name : P7
 Client Sample ID : ICSAB01 Dilution Factor : 1
 Date & Time Acquired :: 2018-11-02 19:10:33 DataFile Name : 018ICSB_P7110218.D

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	81353	80056	80985	80798	0.83	cps
Molybdenum	94-1	10239206	10152924	10146731	10179621	0.51	cps
Molybdenum	95-1	17010651	16912369	16963990	16962337	0.29	cps
Molybdenum	96-1	18221180	18188084	18252243	18220502	0.18	cps
Molybdenum	97-1	10543311	10515041	10530467	10529606	0.13	cps
Molybdenum	98-1	27188818	27420182	27264344	27291115	0.43	cps
Neodymium	150-1	87	107	113	102	13.58	cps
Neodymium	150-2	57	47	37	47	21.43	cps
Nickel	60-2	53528	54414	53407	53783	1.02	cps
Phosphorus	31-2	994774	1000698	1004508	999993	0.49	cps
Potassium	39-2	34405751	34477042	34384686	34422493	0.14	cps
Rhodium	103-1	14325741	14571510	14348385	14415212	0.94	cps
Rhodium	103-2	6525889	6480198	6458432	6488173	0.53	cps
Scandium	45-1	10506930	10648333	10571133	10575465	0.67	cps
Scandium	45-2	413367	411287	411409	412021	0.28	cps
Selenium	77-2	310	367	377	351	10.24	cps
Selenium	78-2	1139	1139	1089	1122	2.57	cps
Selenium	82-1	7916	8388	8140	8148	2.90	cps
Silicon	28-1	1297022	1308193	1317293	1307503	0.78	cps
Silver	109-1	407010	419784	420720	415838	1.84	cps
Silver	107-1	437334	439300	445832	440822	1.01	cps
Sodium	23-2	78846471	78631806	78612285	78696854	0.17	cps
Strontium	86-1	483445	486751	484883	485026	0.34	cps
Strontium	88-1	4228044	4261049	4229471	4239521	0.44	cps
Sulfur	34-1	8868812	8871507	8885048	8875122	0.10	cps
Terbium	159-1	22886250	22945789	22880437	22904159	0.16	cps
Terbium	159-2	10385508	10238785	10297375	10307223	0.72	cps
Thallium	203-1	394559	399111	394553	396074	0.66	cps
Thallium	205-1	947227	958319	951207	952251	0.59	cps
Thorium	232-1	706	578	556	613	13.21	cps
Tin	118-1	790032	805020	799416	798156	0.95	cps
Titanium	47-1	5100487	5147334	5136605	5128142	0.48	cps
Uranium	238-1	3729687	3741889	3738517	3736698	0.17	cps
Vanadium	51-2	76986	77727	76748	77154	0.66	cps
Yttrium	89-1	16731413	16822626	16649340	16734460	0.52	cps
Yttrium	89-2	2135775	2121819	2123425	2127006	0.36	cps

LB Number :	LB99065	Operator :	Jaswal
Lab Sample ID :	ICSAB01	Instrumnet Name :	P7
Client Sample ID :	ICSAB01	Dilution Factor :	1
Date & Time Acquired ::	2018-11-02 19:10:33	DataFile Name :	018ICSB_P7110218.D

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zinc	66-2	27938	27908	28285	28043	0.75	cps
Zirconium	90-1	1557560	1571714	1574708	1567994	0.58	cps
Zirconium	91-1	350975	346044	349113	348711	0.71	cps

LB Number :	LB99065	Operator :	Jaswal
Lab Sample ID :	CCV94	Instrumnet Name :	P7
Client Sample ID :	CCV94	Dilution Factor :	1
Date & Time Acquired ::	2018-11-02 19:14:08	DataFile Name :	019CCV_P7110218.D

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	9463113	9473014	9424738	9453622	0.27	cps
Antimony	121-1	8116438	8160604	8161157	8146066	0.32	cps
Arsenic	75-2	263048	262385	264606	263346	0.43	cps
Barium	135-1	10657728	10737056	10774256	10723014	0.56	cps
Barium	137-1	18565922	18596016	18613919	18591952	0.13	cps
Beryllium	9-1	2608555	2599153	2618912	2608873	0.38	cps
Bismuth	209-1	13385845	13426193	13418808	13410282	0.16	cps
Bismuth	209-2	6919480	6979837	6998487	6965935	0.59	cps
Boron	10-1	441005	446721	458322	448682	1.97	cps
Boron	11-1	2014723	2069350	2115669	2066581	2.45	cps
Cadmium	111-1	2238012	2253435	2246884	2246110	0.34	cps
Cadmium	106-1	272121	272268	274513	272967	0.49	cps
Cadmium	108-1	181900	180469	181748	181372	0.43	cps
Calcium	43-1	13724960	13767801	13818525	13770429	0.34	cps
Calcium	44-1	221894197	222886980	223713947	222831708	0.41	cps
Chromium	52-2	2563567	2588073	2582508	2578049	0.50	cps
Cobalt	59-2	4053387	4070852	4097625	4073954	0.55	cps
Copper	63-2	5503377	5567297	5520841	5530505	0.60	cps
Dysprosium	156-1	250	250	275	258	5.59	cps
Dysprosium	156-2	237	187	280	234	19.92	cps
Erbium	164-1	83	83	133	100	28.87	cps
Erbium	164-2	40	47	43	43	7.70	cps
Gadolinium	160-1	242	133	192	189	28.70	cps
Gadolinium	160-2	403	360	293	352	15.73	cps
Holmium	165-1	21467589	21451177	21535047	21484604	0.21	cps
Holmium	165-2	10138769	10179269	10217325	10178454	0.39	cps
Indium	115-1	15119129	15180857	15202611	15167533	0.29	cps
Indium	115-2	2699865	2743663	2720410	2721313	0.81	cps
Iron	56-2	528339012	533472367	537287312	533032897	0.84	cps
Iron	57-2	12993886	13046251	13095529	13045222	0.39	cps
Krypton	83-1	943	1023	880	949	7.57	cps
Lead	206-1	7778760	7765405	7754124	7766097	0.16	cps
Lead	207-1	6906432	6920794	6907169	6911465	0.12	cps
Lead	208-1	31223570	31273405	31267213	31254729	0.09	cps
Lithium	6-1	5568026	5602190	5664462	5611559	0.87	cps
Magnesium	24-2	100242883	101456252	101160313	100953149	0.63	cps

LB Number :	LB99065	Operator :	Jaswal
Lab Sample ID :	CCV94	Instrumnet Name :	P7
Client Sample ID :	CCV94	Dilution Factor :	1
Date & Time Acquired ::	2018-11-02 19:14:08	DataFile Name :	019CCV_P7110218.D

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	2951350	2986239	2982993	2973527	0.65	cps
Molybdenum	94-1	17471053	17406893	17643270	17507072	0.70	cps
Molybdenum	95-1	21380034	21407563	21413625	21400407	0.08	cps
Molybdenum	96-1	23704921	23750495	23643052	23699489	0.23	cps
Molybdenum	97-1	13187546	13315671	13311064	13271427	0.55	cps
Molybdenum	98-1	34272383	34620000	34416771	34436384	0.51	cps
Neodymium	150-1	1107	1040	947	1031	7.79	cps
Neodymium	150-2	123	107	120	117	7.56	cps
Nickel	60-2	1085102	1097042	1097446	1093197	0.64	cps
Phosphorus	31-2	102803	103365	103821	103330	0.49	cps
Potassium	39-2	44078202	44261691	43673999	44004630	0.68	cps
Rhodium	103-1	13274938	13372174	13369855	13338989	0.42	cps
Rhodium	103-2	6038949	6059418	6080283	6059550	0.34	cps
Scandium	45-1	10072560	10129787	10169396	10123914	0.48	cps
Scandium	45-2	403118	406428	407185	405577	0.53	cps
Selenium	77-2	7766	7809	7605	7727	1.39	cps
Selenium	78-2	25413	25085	25231	25243	0.65	cps
Selenium	82-1	182435	184232	185337	184001	0.80	cps
Silicon	28-1	6660400	6785059	6960002	6801820	2.21	cps
Silver	109-1	10440142	10431724	10394038	10421968	0.24	cps
Silver	107-1	10942680	10930310	10942487	10938493	0.06	cps
Sodium	23-2	197680459	200791046	201753946	200075150	1.06	cps
Strontium	86-1	2809977	2829335	2836852	2825388	0.49	cps
Strontium	88-1	24647254	24621572	24756219	24675015	0.29	cps
Sulfur	34-1	1698821	1702717	1714996	1705511	0.49	cps
Terbium	159-1	21849038	21839856	21954698	21881197	0.29	cps
Terbium	159-2	9858688	9953800	9979883	9930791	0.64	cps
Thallium	203-1	9562609	9533413	9514699	9536907	0.25	cps
Thallium	205-1	22988934	23026782	22985444	23000387	0.10	cps
Thorium	232-1	34625477	34567035	34560587	34584367	0.10	cps
Tin	118-1	7178270	7176899	7230028	7195066	0.42	cps
Titanium	47-1	6229551	6230909	6270468	6243643	0.37	cps
Uranium	238-1	33794215	33768565	33690061	33750947	0.16	cps
Vanadium	51-2	1981436	1997367	2001627	1993477	0.53	cps
Yttrium	89-1	15750000	15822381	15954746	15842376	0.66	cps
Yttrium	89-2	2081117	2095029	2081593	2085913	0.38	cps

LB Number :	LB99065	Operator :	Jaswal
Lab Sample ID :	CCV94	Instrumnet Name :	P7
Client Sample ID :	CCV94	Dilution Factor :	1
Date & Time Acquired ::	2018-11-02 19:14:08	DataFile Name :	019CCV_P7110218.D

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zinc	66-2	817517	826522	821399	821813	0.55	cps
Zirconium	90-1	14512774	14606287	14737944	14619001	0.77	cps
Zirconium	91-1	3224581	3267531	3287940	3260017	0.99	cps

LB Number :	LB99065	Operator :	Jaswal
Lab Sample ID :	LLCCV	Instrumnet Name :	P7
Client Sample ID :	LLCCV	Dilution Factor :	1
Date & Time Acquired ::	2018-11-02 19:26:39	DataFile Name :	020LLIC_P7110218.D

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	4226	4151	4184	4187	0.90	cps
Antimony	121-1	33658	33433	33039	33377	0.94	cps
Arsenic	75-2	682	704	663	683	2.99	cps
Barium	135-1	41780	40418	40184	40794	2.11	cps
Barium	137-1	71367	72095	71309	71590	0.61	cps
Beryllium	9-1	5546	5596	5429	5523	1.55	cps
Bismuth	209-1	17069013	16984951	16916467	16990144	0.45	cps
Bismuth	209-2	8795578	8795839	8702696	8764704	0.61	cps
Boron	10-1	26165	27250	26040	26485	2.51	cps
Boron	11-1	118329	121410	120376	120038	1.31	cps
Cadmium	111-1	6658	6552	6598	6603	0.80	cps
Cadmium	106-1	9454	8795	9187	9145	3.62	cps
Cadmium	108-1	483	517	408	469	11.82	cps
Calcium	43-1	27067	28253	27518	27613	2.17	cps
Calcium	44-1	464317	466760	465763	465613	0.26	cps
Chromium	52-2	11321	11181	11038	11180	1.27	cps
Cobalt	59-2	8696	8583	8483	8587	1.24	cps
Copper	63-2	12996	12986	12976	12986	0.08	cps
Dysprosium	156-1	33	75	75	61	39.37	cps
Dysprosium	156-2	47	70	103	73	38.84	cps
Erbium	164-1	133	167	183	161	15.80	cps
Erbium	164-2	120	100	80	100	20.00	cps
Gadolinium	160-1	233	217	225	225	3.70	cps
Gadolinium	160-2	483	440	453	459	4.84	cps
Holmium	165-1	24262561	24173330	24289750	24241880	0.25	cps
Holmium	165-2	11380094	11266296	11300525	11315638	0.52	cps
Indium	115-1	18561764	18448948	18419330	18476680	0.41	cps
Indium	115-2	3214268	3215713	3239352	3223111	0.44	cps
Iron	56-2	236978	238891	235018	236963	0.82	cps
Iron	57-2	6213	5774	6263	6083	4.42	cps
Krypton	83-1	1060	1067	1040	1056	1.31	cps
Lead	206-1	16644	17206	17267	17039	2.02	cps
Lead	207-1	15493	15810	15265	15522	1.76	cps
Lead	208-1	69401	69578	69890	69623	0.36	cps
Lithium	6-1	6776812	6779119	6689921	6748618	0.75	cps
Magnesium	24-2	211584	207240	208152	208992	1.10	cps

LB Number : LB99065 Operator : Jaswal
 Lab Sample ID : LLCCV Instrumnet Name : P7
 Client Sample ID : LLCCV Dilution Factor : 1
 Date & Time Acquired :: 2018-11-02 19:26:39 DataFile Name : 020LLIC_P7110218.D

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	3170	3257	3267	3232	1.65	cps
Molybdenum	94-1	36163	35111	35871	35715	1.52	cps
Molybdenum	95-1	42021	42063	42381	42155	0.47	cps
Molybdenum	96-1	48266	46242	47873	47460	2.26	cps
Molybdenum	97-1	27302	26851	27093	27082	0.83	cps
Molybdenum	98-1	69470	69428	69327	69408	0.11	cps
Neodymium	150-1	40	27	47	38	26.95	cps
Neodymium	150-2	83	43	53	60	34.70	cps
Nickel	60-2	2467	2887	2574	2643	8.26	cps
Phosphorus	31-2	392	425	175	331	41.06	cps
Potassium	39-2	206821	206872	206881	206858	0.02	cps
Rhodium	103-1	17192095	17053138	16983319	17076184	0.62	cps
Rhodium	103-2	7661901	7574115	7655071	7630362	0.64	cps
Scandium	45-1	11884299	11855610	11812445	11850784	0.31	cps
Scandium	45-2	459629	463293	459179	460701	0.49	cps
Selenium	77-2	160	157	143	153	5.75	cps
Selenium	78-2	387	439	441	422	7.22	cps
Selenium	82-1	2332	2288	2415	2345	2.74	cps
Silicon	28-1	496805	497290	496709	496935	0.06	cps
Silver	109-1	21976	22686	22619	22427	1.75	cps
Silver	107-1	23679	24798	23320	23932	3.22	cps
Sodium	23-2	425535	424848	424482	424955	0.13	cps
Strontium	86-1	7494	7444	7677	7538	1.63	cps
Strontium	88-1	51242	49453	50448	50381	1.78	cps
Sulfur	34-1	703685	707067	699740	703497	0.52	cps
Terbium	159-1	24738764	24491878	24528933	24586525	0.54	cps
Terbium	159-2	11148652	11105064	11125204	11126307	0.20	cps
Thallium	203-1	19331	20016	19649	19665	1.74	cps
Thallium	205-1	47753	47477	46650	47293	1.21	cps
Thorium	232-1	66340	64699	65424	65488	1.26	cps
Tin	118-1	73384	73644	71708	72912	1.44	cps
Titanium	47-1	13006	12581	12865	12817	1.69	cps
Uranium	238-1	64619	62752	63213	63528	1.53	cps
Vanadium	51-2	19149	18956	18572	18892	1.56	cps
Yttrium	89-1	18569687	18498058	18442456	18503400	0.34	cps
Yttrium	89-2	2366180	2362071	2364034	2364095	0.09	cps

LB Number :	LB99065	Operator :	Jaswal
Lab Sample ID :	LLCCV	Instrumnet Name :	P7
Client Sample ID :	LLCCV	Dilution Factor :	1
Date & Time Acquired ::	2018-11-02 19:26:39	DataFile Name :	020LLIC_P7110218.D

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zinc	66-2	3553	3544	3375	3490	2.88	cps
Zirconium	90-1	31268	31494	30801	31188	1.13	cps
Zirconium	91-1	6727	6527	7052	6769	3.92	cps

LB Number : LB99065 Operator : Jaswal
 Lab Sample ID : CCB94 Instrumnet Name : P7
 Client Sample ID : CCB94 Dilution Factor : 1
 Date & Time Acquired :: 2018-11-02 19:30:13 DataFile Name : 021CCBE_P7110218.D

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	1017	1142	1108	1089	5.95	cps
Antimony	121-1	508	633	608	583	11.34	cps
Arsenic	75-2	39	48	30	39	23.81	cps
Barium	135-1	217	233	267	239	10.66	cps
Barium	137-1	433	417	433	428	2.25	cps
Beryllium	9-1	156	156	172	161	5.97	cps
Bismuth	209-1	16908621	16846433	16929279	16894778	0.26	cps
Bismuth	209-2	8726036	8754730	8775920	8752229	0.29	cps
Boron	10-1	4868	4801	4501	4723	4.14	cps
Boron	11-1	21975	21366	21049	21463	2.19	cps
Cadmium	111-1	1779	1681	1810	1757	3.81	cps
Cadmium	106-1	8770	8428	8736	8645	2.18	cps
Cadmium	108-1	83	83	42	69	34.64	cps
Calcium	43-1	817	817	892	842	5.15	cps
Calcium	44-1	25542	26811	26085	26146	2.43	cps
Chromium	52-2	527	573	467	522	10.24	cps
Cobalt	59-2	150	133	140	141	5.94	cps
Copper	63-2	693	603	733	677	9.84	cps
Dysprosium	156-1	0	17	8	8	100.02	cps
Dysprosium	156-2	47	30	20	32	41.81	cps
Erbium	164-1	100	92	92	94	5.09	cps
Erbium	164-2	60	77	43	60	27.78	cps
Gadolinium	160-1	183	167	200	183	9.09	cps
Gadolinium	160-2	410	373	377	387	5.24	cps
Holmium	165-1	24057194	24130676	24003961	24063944	0.26	cps
Holmium	165-2	11303357	11204183	11228466	11245335	0.46	cps
Indium	115-1	18321827	18453172	18490054	18421684	0.48	cps
Indium	115-2	3201663	3216395	3226366	3214808	0.39	cps
Iron	56-2	27855	27304	28250	27803	1.71	cps
Iron	57-2	717	672	767	719	6.58	cps
Krypton	83-1	907	1020	1090	1006	9.20	cps
Lead	206-1	1433	1295	1489	1406	7.13	cps
Lead	207-1	1317	1217	1250	1261	4.04	cps
Lead	208-1	5695	5562	5940	5732	3.34	cps
Lithium	6-1	6810702	6745718	6758547	6771656	0.51	cps
Magnesium	24-2	2775	3175	3217	3056	7.98	cps

LB Number :	LB99065	Operator :	Jaswal
Lab Sample ID :	CCB94	Instrumnet Name :	P7
Client Sample ID :	CCB94	Dilution Factor :	1
Date & Time Acquired ::	2018-11-02 19:30:13	DataFile Name :	021CCBE_P7110218.D

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	143	163	117	141	16.59	cps
Molybdenum	94-1	1017	1217	1192	1142	9.55	cps
Molybdenum	95-1	1133	1017	1042	1064	5.77	cps
Molybdenum	96-1	1342	1375	1517	1411	6.59	cps
Molybdenum	97-1	633	592	733	653	11.15	cps
Molybdenum	98-1	1834	1842	1634	1770	6.67	cps
Neodymium	150-1	20	47	13	27	66.16	cps
Neodymium	150-2	23	23	23	23	0.00	cps
Nickel	60-2	287	327	277	297	8.92	cps
Phosphorus	31-2	433	333	308	358	18.46	cps
Potassium	39-2	33982	32879	32737	33199	2.05	cps
Rhodium	103-1	17037694	17057148	17071986	17055610	0.10	cps
Rhodium	103-2	7663940	7613891	7591601	7623144	0.49	cps
Scandium	45-1	11882313	11791543	11733633	11802496	0.63	cps
Scandium	45-2	457623	459320	458087	458344	0.19	cps
Selenium	77-2	40	10	23	24	61.49	cps
Selenium	78-2	126	85	91	101	21.96	cps
Selenium	82-1	342	200	85	209	61.45	cps
Silicon	28-1	308155	310976	312174	310435	0.66	cps
Silver	109-1	250	283	333	289	14.52	cps
Silver	107-1	425	475	450	450	5.56	cps
Sodium	23-2	29805	27985	30232	29341	4.07	cps
Strontium	86-1	1717	1834	1492	1681	10.33	cps
Strontium	88-1	1884	1817	1742	1814	3.91	cps
Sulfur	34-1	702348	694284	697394	698009	0.58	cps
Terbium	159-1	24596386	24535499	24411121	24514335	0.39	cps
Terbium	159-2	11052519	11024584	11090197	11055767	0.30	cps
Thallium	203-1	600	708	575	628	11.29	cps
Thallium	205-1	1267	1500	1425	1397	8.53	cps
Thorium	232-1	1133	1056	1095	1095	3.55	cps
Tin	118-1	1650	1508	1517	1558	5.10	cps
Titanium	47-1	358	425	450	411	11.53	cps
Uranium	238-1	592	650	733	658	10.82	cps
Vanadium	51-2	83	73	50	69	24.83	cps
Yttrium	89-1	18494740	18431791	18290555	18405695	0.57	cps
Yttrium	89-2	2346163	2352622	2357936	2352240	0.25	cps

LB Number :	LB99065	Operator :	Jaswal
Lab Sample ID :	CCB94	Instrumnet Name :	P7
Client Sample ID :	CCB94	Dilution Factor :	1
Date & Time Acquired ::	2018-11-02 19:30:13	DataFile Name :	021CCBE_P7110218.D

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zinc	66-2	1332	1476	1288	1365	7.21	cps
Zirconium	90-1	1450	1583	1500	1511	4.46	cps
Zirconium	91-1	317	358	367	347	7.72	cps

LB Number :	LB99065	Operator :	Jaswal
Lab Sample ID :	CRI	Instrumnet Name :	P7
Client Sample ID :	CRI	Dilution Factor :	1
Date & Time Acquired ::	2018-11-02 19:33:47	DataFile Name :	022LLCC_P7110218.D

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	4134	4042	4609	4262	7.14	cps
Antimony	121-1	34610	34945	35471	35009	1.24	cps
Arsenic	75-2	591	691	633	638	7.86	cps
Barium	135-1	43043	43335	44213	43531	1.40	cps
Barium	137-1	75019	76461	76554	76011	1.13	cps
Beryllium	9-1	6296	5918	5885	6033	3.79	cps
Bismuth	209-1	16780422	16719315	16755964	16751900	0.18	cps
Bismuth	209-2	8854706	8714600	8691452	8753586	1.01	cps
Boron	10-1	26908	27184	26291	26794	1.71	cps
Boron	11-1	120966	124165	123301	122811	1.35	cps
Cadmium	111-1	7107	6874	6526	6836	4.28	cps
Cadmium	106-1	10121	9504	9362	9662	4.18	cps
Cadmium	108-1	454	421	371	415	10.10	cps
Calcium	43-1	29580	29180	29104	29288	0.87	cps
Calcium	44-1	486896	485364	484422	485561	0.26	cps
Chromium	52-2	12282	11475	11548	11768	3.79	cps
Cobalt	59-2	9116	9453	9193	9254	1.91	cps
Copper	63-2	13383	13700	13576	13553	1.18	cps
Dysprosium	156-1	33	25	75	44	60.28	cps
Dysprosium	156-2	47	40	47	44	8.66	cps
Erbium	164-1	150	167	83	133	33.07	cps
Erbium	164-2	47	63	80	63	26.31	cps
Gadolinium	160-1	192	175	208	192	8.69	cps
Gadolinium	160-2	397	377	407	393	3.88	cps
Holmium	165-1	23891452	23742724	23948624	23860933	0.45	cps
Holmium	165-2	11356522	11313473	11203765	11291253	0.70	cps
Indium	115-1	18389152	18332505	18160700	18294119	0.65	cps
Indium	115-2	3256399	3220365	3208058	3228274	0.78	cps
Iron	56-2	239629	235340	236187	237052	0.96	cps
Iron	57-2	6024	6324	6224	6190	2.47	cps
Krypton	83-1	860	940	983	928	6.74	cps
Lead	206-1	17735	18140	17868	17914	1.15	cps
Lead	207-1	16427	15721	15927	16025	2.27	cps
Lead	208-1	72824	72434	71498	72252	0.94	cps
Lithium	6-1	6740111	6743723	6741621	6741818	0.03	cps
Magnesium	24-2	222336	219190	219620	220382	0.77	cps

LB Number :	LB99065	Operator :	Jaswal
Lab Sample ID :	CRI	Instrumnet Name :	P7
Client Sample ID :	CRI	Dilution Factor :	1
Date & Time Acquired ::	2018-11-02 19:33:47	DataFile Name :	022LLCC_P7110218.D

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	3310	3344	3377	3344	1.00	cps
Molybdenum	94-1	36464	36080	37258	36601	1.64	cps
Molybdenum	95-1	43526	43843	44663	44010	1.33	cps
Molybdenum	96-1	49127	48584	48893	48868	0.56	cps
Molybdenum	97-1	26826	27578	27527	27310	1.54	cps
Molybdenum	98-1	70818	69369	69654	69947	1.10	cps
Neodymium	150-1	53	47	27	42	32.87	cps
Neodymium	150-2	37	27	50	38	30.98	cps
Nickel	60-2	2760	2840	3017	2873	4.57	cps
Phosphorus	31-2	383	367	358	369	3.45	cps
Potassium	39-2	216812	215982	215004	215932	0.42	cps
Rhodium	103-1	17127170	16885517	16992008	17001565	0.71	cps
Rhodium	103-2	7671642	7643918	7644443	7653334	0.21	cps
Scandium	45-1	11805636	11707570	11703490	11738899	0.49	cps
Scandium	45-2	462467	463314	461677	462486	0.18	cps
Selenium	77-2	130	130	117	126	6.13	cps
Selenium	78-2	413	428	424	422	1.83	cps
Selenium	82-1	2756	2528	2590	2625	4.50	cps
Silicon	28-1	517263	508875	513637	513258	0.82	cps
Silver	109-1	22510	24105	24605	23740	4.61	cps
Silver	107-1	25215	25056	25933	25401	1.84	cps
Sodium	23-2	437597	431802	434173	434524	0.67	cps
Strontium	86-1	7327	7777	7786	7630	3.44	cps
Strontium	88-1	53300	53743	53049	53364	0.66	cps
Sulfur	34-1	710637	707050	704929	707539	0.41	cps
Terbium	159-1	24513035	24403570	24217585	24378063	0.61	cps
Terbium	159-2	11144875	11044890	11022578	11070781	0.59	cps
Thallium	203-1	20959	20700	20033	20564	2.32	cps
Thallium	205-1	49184	49794	48590	49189	1.22	cps
Thorium	232-1	67066	67865	66893	67275	0.77	cps
Tin	118-1	75385	77061	75310	75919	1.30	cps
Titanium	47-1	13473	13298	13048	13273	1.61	cps
Uranium	238-1	66413	65843	65876	66044	0.48	cps
Vanadium	51-2	19894	20211	19677	19927	1.35	cps
Yttrium	89-1	18396274	18413024	18382456	18397252	0.08	cps
Yttrium	89-2	2392554	2365775	2338862	2365730	1.13	cps

LB Number :	LB99065	Operator :	Jaswal
Lab Sample ID :	CRI	Instrumnet Name :	P7
Client Sample ID :	CRI	Dilution Factor :	1
Date & Time Acquired ::	2018-11-02 19:33:47	DataFile Name :	022LLCC_P7110218.D

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zinc	66-2	3694	3463	3581	3579	3.23	cps
Zirconium	90-1	31670	31419	32362	31817	1.54	cps
Zirconium	91-1	7102	7236	6902	7080	2.37	cps

LB Number :	LB99065	Operator :	Jaswal
Lab Sample ID :	PB114437BL	Instrumnet Name :	P7
Client Sample ID :	PB114437BL	Dilution Factor :	1
Date & Time Acquired ::	2018-11-02 19:37:20	DataFile Name :	023CCBE_P7110218.D

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	283	450	467	400	25.34	cps
Antimony	121-1	350	317	317	328	5.87	cps
Arsenic	75-2	57	50	35	48	23.80	cps
Barium	135-1	117	200	167	161	26.03	cps
Barium	137-1	175	292	183	217	30.04	cps
Beryllium	9-1	94	150	128	124	22.54	cps
Bismuth	209-1	16711398	16742400	16599644	16684481	0.45	cps
Bismuth	209-2	8696466	8672748	8706986	8692066	0.20	cps
Boron	10-1	3742	4217	3884	3948	6.18	cps
Boron	11-1	17561	17486	17361	17469	0.58	cps
Cadmium	111-1	1706	1749	1673	1709	2.21	cps
Cadmium	106-1	8495	8703	8328	8508	2.21	cps
Cadmium	108-1	50	54	25	43	36.64	cps
Calcium	43-1	600	567	525	564	6.66	cps
Calcium	44-1	20535	20376	20400	20437	0.42	cps
Chromium	52-2	550	500	610	553	9.95	cps
Cobalt	59-2	133	157	110	133	17.50	cps
Copper	63-2	510	453	533	499	8.25	cps
Dysprosium	156-1	50	25	42	39	32.73	cps
Dysprosium	156-2	30	23	37	30	22.23	cps
Erbium	164-1	117	133	100	117	14.29	cps
Erbium	164-2	53	53	57	54	3.54	cps
Gadolinium	160-1	75	217	200	164	47.25	cps
Gadolinium	160-2	357	323	387	356	8.91	cps
Holmium	165-1	23709296	23747343	23654738	23703792	0.20	cps
Holmium	165-2	11214942	11230359	11240084	11228462	0.11	cps
Indium	115-1	18192092	18230658	18138609	18187120	0.25	cps
Indium	115-2	3188805	3204830	3198879	3197505	0.25	cps
Iron	56-2	8130	7736	7574	7813	3.66	cps
Iron	57-2	350	306	317	324	7.14	cps
Krypton	83-1	943	1083	1063	1030	7.35	cps
Lead	206-1	1295	1306	1200	1267	4.58	cps
Lead	207-1	1161	1033	1017	1070	7.38	cps
Lead	208-1	5139	4912	4700	4917	4.46	cps
Lithium	6-1	6773794	6743301	6640752	6719282	1.04	cps
Magnesium	24-2	708	833	725	756	8.98	cps

LB Number : LB99065 Operator : Jaswal
 Lab Sample ID : PB114437BL Instrumnet Name : P7
 Client Sample ID : PB114437BL Dilution Factor : 1
 Date & Time Acquired :: 2018-11-02 19:37:20 DataFile Name : 023CCBE_P7110218.D

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	113	127	120	120	5.55	cps
Molybdenum	94-1	525	492	442	486	8.63	cps
Molybdenum	95-1	267	225	275	256	10.48	cps
Molybdenum	96-1	625	508	375	503	24.88	cps
Molybdenum	97-1	192	200	125	172	23.87	cps
Molybdenum	98-1	400	400	450	417	6.93	cps
Neodymium	150-1	40	33	20	31	32.73	cps
Neodymium	150-2	23	23	17	21	18.21	cps
Nickel	60-2	143	160	173	159	9.46	cps
Phosphorus	31-2	333	325	292	317	6.96	cps
Potassium	39-2	31802	30850	31242	31298	1.53	cps
Rhodium	103-1	16768991	16928376	16777578	16824982	0.53	cps
Rhodium	103-2	7560256	7572062	7574682	7569000	0.10	cps
Scandium	45-1	11620766	11645910	11610729	11625802	0.16	cps
Scandium	45-2	456912	459981	456525	457806	0.41	cps
Selenium	77-2	40	33	47	40	16.68	cps
Selenium	78-2	107	98	117	107	8.62	cps
Selenium	82-1	275	170	144	196	35.39	cps
Silicon	28-1	312632	315371	311994	313332	0.57	cps
Silver	109-1	300	258	233	264	12.76	cps
Silver	107-1	350	367	350	356	2.71	cps
Sodium	23-2	21032	21925	21583	21513	2.09	cps
Strontium	86-1	1658	1742	1809	1736	4.33	cps
Strontium	88-1	1492	1292	1567	1450	9.80	cps
Sulfur	34-1	689199	685649	700930	691926	1.16	cps
Terbium	159-1	24151813	24214851	24125291	24163985	0.19	cps
Terbium	159-2	11036481	10997912	10892280	10975557	0.68	cps
Thallium	203-1	442	525	525	497	9.68	cps
Thallium	205-1	933	850	1142	975	15.41	cps
Thorium	232-1	628	706	544	626	12.87	cps
Tin	118-1	1400	1400	1358	1386	1.74	cps
Titanium	47-1	133	217	242	197	28.76	cps
Uranium	238-1	267	217	258	247	10.84	cps
Vanadium	51-2	43	60	37	47	25.75	cps
Yttrium	89-1	18323704	18248191	18225949	18265948	0.28	cps
Yttrium	89-2	2332107	2358518	2356807	2349144	0.63	cps

LB Number :	LB99065	Operator :	Jaswal
Lab Sample ID :	PB114437BL	Instrumnet Name :	P7
Client Sample ID :	PB114437BL	Dilution Factor :	1
Date & Time Acquired ::	2018-11-02 19:37:20	DataFile Name :	023CCBE_P7110218.D

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zinc	66-2	1461	1333	1343	1379	5.16	cps
Zirconium	90-1	1567	1258	1025	1283	21.17	cps
Zirconium	91-1	192	317	250	253	24.74	cps

LB Number : LB99065 Operator : Jaswal
 Lab Sample ID : PB114437BS Instrumnet Name : P7
 Client Sample ID : PB114437BS Dilution Factor : 1
 Date & Time Acquired :: 2018-11-02 19:40:55 DataFile Name : 024LCS6_P7110218.D

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	1793470	1782959	1787288	1787905	0.30	cps
Antimony	121-1	8208381	8214531	8270859	8231257	0.42	cps
Arsenic	75-2	271547	270584	270092	270741	0.27	cps
Barium	135-1	10514140	10515404	10568209	10532584	0.29	cps
Barium	137-1	18270863	18333259	18144205	18249442	0.53	cps
Beryllium	9-1	2667911	2675868	2671100	2671626	0.15	cps
Bismuth	209-1	14477901	14495891	14543405	14505732	0.23	cps
Bismuth	209-2	7605668	7557689	7546754	7570037	0.41	cps
Boron	10-1	443330	459649	461338	454772	2.19	cps
Boron	11-1	2063245	2125345	2107674	2098755	1.52	cps
Cadmium	111-1	2352293	2347409	2371418	2357040	0.54	cps
Cadmium	106-1	279534	286336	286324	284064	1.38	cps
Cadmium	108-1	191254	190204	191829	191096	0.43	cps
Calcium	43-1	2778232	2763966	2775251	2772483	0.27	cps
Calcium	44-1	44878109	44801943	44515062	44731705	0.43	cps
Chromium	52-2	2462997	2451247	2451742	2455328	0.27	cps
Cobalt	59-2	4070776	4092691	4105002	4089490	0.42	cps
Copper	63-2	5805918	5785583	5833275	5808259	0.41	cps
Dysprosium	156-1	175	192	267	211	23.13	cps
Dysprosium	156-2	207	243	223	224	8.18	cps
Erbium	164-1	108	50	133	97	43.99	cps
Erbium	164-2	53	50	53	52	3.68	cps
Gadolinium	160-1	242	192	183	206	15.35	cps
Gadolinium	160-2	297	330	383	337	12.99	cps
Holmium	165-1	21742299	21500285	21642450	21628345	0.56	cps
Holmium	165-2	10356645	10266438	10213133	10278738	0.71	cps
Indium	115-1	15664354	15796064	15721614	15727344	0.42	cps
Indium	115-2	2810393	2794724	2782737	2795951	0.50	cps
Iron	56-2	106328116	105980105	105834811	106047677	0.24	cps
Iron	57-2	2614636	2628673	2613486	2618932	0.32	cps
Krypton	83-1	1020	973	1000	998	2.35	cps
Lead	206-1	7802651	7918913	7948612	7890059	0.98	cps
Lead	207-1	6964331	7043167	7064226	7023908	0.75	cps
Lead	208-1	31559360	31774129	31982228	31771906	0.67	cps
Lithium	6-1	5997357	6049140	6049301	6031933	0.50	cps
Magnesium	24-2	21576696	21249634	21446002	21424111	0.77	cps

LB Number :	LB99065	Operator :	Jaswal
Lab Sample ID :	PB114437BS	Instrumnet Name :	P7
Client Sample ID :	PB114437BS	Dilution Factor :	1
Date & Time Acquired ::	2018-11-02 19:40:55	DataFile Name :	024LCS6_P7110218.D

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	2915527	2912518	2931429	2919825	0.35	cps
Molybdenum	94-1	17119997	17170792	17078027	17122939	0.27	cps
Molybdenum	95-1	20999199	20879723	20935532	20938151	0.29	cps
Molybdenum	96-1	23167971	22936779	23224102	23109618	0.66	cps
Molybdenum	97-1	12948747	12883446	13014674	12948956	0.51	cps
Molybdenum	98-1	33645007	33465329	33815616	33641984	0.52	cps
Neodymium	150-1	1100	1173	1100	1125	3.77	cps
Neodymium	150-2	70	100	67	79	23.27	cps
Nickel	60-2	1107645	1091410	1102762	1100606	0.76	cps
Phosphorus	31-2	103273	104440	103642	103785	0.57	cps
Potassium	39-2	8712930	8761341	8681581	8718617	0.46	cps
Rhodium	103-1	14312782	14278616	14296376	14295925	0.12	cps
Rhodium	103-2	6528662	6465680	6449801	6481381	0.64	cps
Scandium	45-1	10252315	10316941	10141615	10236957	0.87	cps
Scandium	45-2	406806	410898	407499	408401	0.54	cps
Selenium	77-2	8146	7769	7772	7896	2.74	cps
Selenium	78-2	26233	26248	25855	26112	0.85	cps
Selenium	82-1	197228	195724	196458	196470	0.38	cps
Silicon	28-1	6673611	6742450	6773754	6729938	0.76	cps
Silver	109-1	10989973	10933176	10965461	10962870	0.26	cps
Silver	107-1	11598666	11618993	11642734	11620131	0.19	cps
Sodium	23-2	41178713	40421978	40570081	40723591	0.98	cps
Strontium	86-1	2766514	2774016	2787792	2776108	0.39	cps
Strontium	88-1	24459665	24318427	24288534	24355542	0.38	cps
Sulfur	34-1	1749585	1752111	1744348	1748681	0.23	cps
Terbium	159-1	22028605	21938146	22048802	22005184	0.27	cps
Terbium	159-2	10167004	10011350	9982823	10053726	0.99	cps
Thallium	203-1	9708600	9636690	9698995	9681428	0.40	cps
Thallium	205-1	23202338	23408666	23464271	23358425	0.59	cps
Thorium	232-1	33684316	33880442	34123547	33896102	0.65	cps
Tin	118-1	7165983	7152760	7252172	7190305	0.75	cps
Titanium	47-1	6152587	6130408	6100374	6127790	0.43	cps
Uranium	238-1	33066419	33352092	33512278	33310263	0.68	cps
Vanadium	51-2	1948832	1949272	1931617	1943241	0.52	cps
Yttrium	89-1	16122629	16190219	16189190	16167346	0.24	cps
Yttrium	89-2	2093783	2074971	2088050	2085601	0.46	cps

LB Number :	LB99065	Operator :	Jaswal
Lab Sample ID :	PB114437BS	Instrumnet Name :	P7
Client Sample ID :	PB114437BS	Dilution Factor :	1
Date & Time Acquired ::	2018-11-02 19:40:55	DataFile Name :	024LCS6_P7110218.D

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zinc	66-2	893855	892216	889991	892021	0.22	cps
Zirconium	90-1	14226502	14273187	14383282	14294324	0.56	cps
Zirconium	91-1	3151416	3180488	3185099	3172334	0.58	cps

LB Number :	LB99065	Operator :	Jaswal
Lab Sample ID :	J5769-22	Instrumnet Name :	P7
Client Sample ID :	FB-10-31-18	Dilution Factor :	1
Date & Time Acquired ::	2018-11-02 19:48:38	DataFile Name :	025SMPL_P7110218.D

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	367	258	383	336	20.19	cps
Antimony	121-1	1475	1792	1458	1575	11.93	cps
Arsenic	75-2	37	28	37	34	15.75	cps
Barium	135-1	258	283	242	261	8.03	cps
Barium	137-1	533	558	442	511	12.02	cps
Beryllium	9-1	178	178	194	183	5.25	cps
Bismuth	209-1	16470386	16790672	16340639	16533899	1.40	cps
Bismuth	209-2	8609018	8708120	8668549	8661896	0.58	cps
Boron	10-1	5368	5276	5501	5382	2.10	cps
Boron	11-1	25297	24571	24604	24824	1.65	cps
Cadmium	111-1	1568	1597	1764	1643	6.46	cps
Cadmium	106-1	7769	7736	8528	8011	5.59	cps
Cadmium	108-1	46	42	29	39	22.30	cps
Calcium	43-1	483	600	608	564	12.39	cps
Calcium	44-1	23213	21578	21844	22212	3.95	cps
Chromium	52-2	973	883	977	944	5.61	cps
Cobalt	59-2	217	170	327	238	33.83	cps
Copper	63-2	2027	1740	1967	1911	7.91	cps
Dysprosium	156-1	17	25	25	22	21.64	cps
Dysprosium	156-2	7	13	10	10	33.30	cps
Erbium	164-1	42	125	42	69	69.28	cps
Erbium	164-2	50	43	33	42	19.87	cps
Gadolinium	160-1	192	242	150	194	23.60	cps
Gadolinium	160-2	390	360	343	364	6.49	cps
Holmium	165-1	23228591	23657536	23282896	23389675	1.00	cps
Holmium	165-2	10994459	11104913	11090689	11063354	0.54	cps
Indium	115-1	17568069	17915745	17586062	17689959	1.11	cps
Indium	115-2	3085845	3147740	3125613	3119733	1.01	cps
Iron	56-2	10726	9842	12066	10878	10.29	cps
Iron	57-2	328	267	372	322	16.45	cps
Krypton	83-1	1070	920	903	964	9.52	cps
Lead	206-1	1861	1772	1728	1787	3.80	cps
Lead	207-1	1628	1472	1639	1580	5.90	cps
Lead	208-1	7245	7207	7173	7208	0.50	cps
Lithium	6-1	6641187	6633388	6545467	6606681	0.80	cps
Magnesium	24-2	825	708	1150	895	25.60	cps

LB Number :	LB99065	Operator :	Jaswal
Lab Sample ID :	J5769-22	Instrumnet Name :	P7
Client Sample ID :	FB-10-31-18	Dilution Factor :	1
Date & Time Acquired ::	2018-11-02 19:48:38	DataFile Name :	025SMPL_P7110218.D

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	223	253	237	238	6.32	cps
Molybdenum	94-1	1142	1283	1100	1175	8.18	cps
Molybdenum	95-1	1200	1267	983	1150	12.88	cps
Molybdenum	96-1	1483	1350	1167	1333	11.92	cps
Molybdenum	97-1	633	767	567	656	15.54	cps
Molybdenum	98-1	1892	2034	1550	1825	13.62	cps
Neodymium	150-1	27	7	13	16	65.47	cps
Neodymium	150-2	20	10	13	14	35.26	cps
Nickel	60-2	267	283	290	280	4.29	cps
Phosphorus	31-2	200	242	250	231	11.62	cps
Potassium	39-2	30015	29906	30307	30076	0.69	cps
Rhodium	103-1	16275935	16478383	16196849	16317056	0.89	cps
Rhodium	103-2	7371728	7508590	7433855	7438058	0.92	cps
Scandium	45-1	11134240	11392330	11040660	11189076	1.63	cps
Scandium	45-2	438821	446144	448810	444591	1.16	cps
Selenium	77-2	3	3	17	8	99.04	cps
Selenium	78-2	87	80	76	81	7.00	cps
Selenium	82-1	70	248	251	189	54.84	cps
Silicon	28-1	292826	293682	295998	294169	0.56	cps
Silver	109-1	483	500	525	503	4.17	cps
Silver	107-1	617	583	567	589	4.32	cps
Sodium	23-2	25915	25514	25472	25634	0.95	cps
Strontium	86-1	1675	1884	1709	1756	6.37	cps
Strontium	88-1	2409	2250	2000	2220	9.28	cps
Sulfur	34-1	641855	642121	648826	644268	0.61	cps
Terbium	159-1	23659535	24170168	23589910	23806538	1.33	cps
Terbium	159-2	10768261	10890865	10866000	10841709	0.60	cps
Thallium	203-1	758	817	733	770	5.56	cps
Thallium	205-1	1884	1867	1567	1772	10.06	cps
Thorium	232-1	2573	3023	2022	2539	19.73	cps
Tin	118-1	3692	3709	3584	3662	1.85	cps
Titanium	47-1	242	325	233	267	19.01	cps
Uranium	238-1	675	800	675	717	10.07	cps
Vanadium	51-2	40	30	90	53	60.27	cps
Yttrium	89-1	17577901	17892245	17463649	17644598	1.26	cps
Yttrium	89-2	2248059	2292150	2291022	2277077	1.10	cps

LB Number :	LB99065	Operator :	Jaswal
Lab Sample ID :	J5769-22	Instrumnet Name :	P7
Client Sample ID :	FB-10-31-18	Dilution Factor :	1
Date & Time Acquired ::	2018-11-02 19:48:38	DataFile Name :	025SMPL_P7110218.D

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zinc	66-2	13145	13252	13083	13160	0.65	cps
Zirconium	90-1	1609	1417	1458	1495	6.75	cps
Zirconium	91-1	225	300	367	297	23.85	cps

LB Number :	LB99065	Operator :	Jaswal
Lab Sample ID :	J5769-21	Instrumnet Name :	P7
Client Sample ID :	MW-1	Dilution Factor :	1
Date & Time Acquired ::	2018-11-02 19:52:12	DataFile Name :	026SMPL_P7110218.D

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	263076	265773	263097	263982	0.59	cps
Antimony	121-1	61553	58230	55820	58534	4.92	cps
Arsenic	75-2	3656	3717	3610	3661	1.47	cps
Barium	135-1	621200	628600	636847	628882	1.24	cps
Barium	137-1	1076171	1081549	1100580	1086100	1.18	cps
Beryllium	9-1	956	700	767	807	16.42	cps
Bismuth	209-1	13978368	14005680	14182584	14055544	0.79	cps
Bismuth	209-2	7227426	7156009	7147574	7177003	0.61	cps
Boron	10-1	45812	46765	45102	45893	1.82	cps
Boron	11-1	214903	214754	216533	215397	0.46	cps
Cadmium	111-1	2558	2402	2554	2505	3.55	cps
Cadmium	106-1	7769	7511	7686	7655	1.72	cps
Cadmium	108-1	154	167	167	163	4.44	cps
Calcium	43-1	2435271	2445928	2429295	2436831	0.35	cps
Calcium	44-1	39334443	39704046	39244664	39427718	0.62	cps
Chromium	52-2	31537	31327	31788	31551	0.73	cps
Cobalt	59-2	21723	20915	20741	21127	2.48	cps
Copper	63-2	55686	53578	53009	54091	2.61	cps
Dysprosium	156-1	24623	24013	24414	24350	1.27	cps
Dysprosium	156-2	11638	11038	11352	11343	2.65	cps
Erbium	164-1	20091	21134	20975	20733	2.71	cps
Erbium	164-2	8846	9340	9493	9227	3.66	cps
Gadolinium	160-1	19740	20566	21601	20636	4.52	cps
Gadolinium	160-2	10671	10938	10748	10785	1.27	cps
Holmium	165-1	20989093	21233045	21414697	21212279	1.01	cps
Holmium	165-2	9783772	9690433	9726706	9733637	0.48	cps
Indium	115-1	15439095	15670060	15713136	15607430	0.94	cps
Indium	115-2	2672448	2641243	2666915	2660202	0.63	cps
Iron	56-2	35705842	35511323	35213855	35477007	0.70	cps
Iron	57-2	881113	886294	872358	879922	0.80	cps
Krypton	83-1	1073	947	947	989	7.40	cps
Lead	206-1	69751	68264	70017	69344	1.36	cps
Lead	207-1	58101	56715	57469	57428	1.21	cps
Lead	208-1	270223	267439	270519	269393	0.63	cps
Lithium	6-1	6899373	7131694	7175559	7068876	2.10	cps
Magnesium	24-2	4067887	4046375	4011816	4042026	0.70	cps

LB Number :	LB99065	Operator :	Jaswal
Lab Sample ID :	J5769-21	Instrumnet Name :	P7
Client Sample ID :	MW-1	Dilution Factor :	1
Date & Time Acquired ::	2018-11-02 19:52:12	DataFile Name :	026SMPL_P7110218.D

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	514537	505231	507986	509251	0.94	cps
Molybdenum	94-1	12948	12039	12464	12484	3.64	cps
Molybdenum	95-1	8094	8011	8203	8103	1.19	cps
Molybdenum	96-1	10237	10571	10338	10382	1.65	cps
Molybdenum	97-1	5093	5026	5059	5059	0.66	cps
Molybdenum	98-1	12890	13132	12881	12968	1.10	cps
Neodymium	150-1	35125	35092	35386	35201	0.46	cps
Neodymium	150-2	12656	12052	12015	12241	2.94	cps
Nickel	60-2	12392	12519	12536	12482	0.63	cps
Phosphorus	31-2	3692	3434	3584	3570	3.64	cps
Potassium	39-2	929789	917101	904195	917029	1.40	cps
Rhodium	103-1	13932677	14099372	14294694	14108914	1.28	cps
Rhodium	103-2	6326392	6262814	6266902	6285369	0.57	cps
Scandium	45-1	10078946	10178161	10148952	10135353	0.50	cps
Scandium	45-2	392668	387766	386247	388894	0.86	cps
Selenium	77-2	97	107	93	99	7.02	cps
Selenium	78-2	135	161	119	138	15.52	cps
Selenium	82-1	380	556	520	485	19.18	cps
Silicon	28-1	76524795	76766856	76611887	76634513	0.16	cps
Silver	109-1	41236	31628	26008	32958	23.36	cps
Silver	107-1	43325	34928	28864	35706	20.34	cps
Sodium	23-2	63772358	63489070	62958243	63406557	0.65	cps
Strontium	86-1	633828	645933	653660	644473	1.55	cps
Strontium	88-1	5574038	5674083	5714315	5654145	1.28	cps
Sulfur	34-1	1120562	1117752	1120220	1119511	0.14	cps
Terbium	159-1	21212761	21394350	21520346	21375819	0.72	cps
Terbium	159-2	9696730	9528077	9526281	9583696	1.02	cps
Thallium	203-1	7980	4017	2784	4927	55.10	cps
Thallium	205-1	18033	9270	6469	11257	53.59	cps
Thorium	232-1	58106	56484	57890	57493	1.53	cps
Tin	118-1	18947	17845	16928	17907	5.65	cps
Titanium	47-1	177457	179962	180313	179244	0.87	cps
Uranium	238-1	59172	61296	58249	59572	2.62	cps
Vanadium	51-2	46700	46340	46333	46458	0.45	cps
Yttrium	89-1	15883409	16003607	16213043	16033353	1.04	cps
Yttrium	89-2	2028482	2002379	1991951	2007604	0.94	cps

LB Number :	LB99065	Operator :	Jaswal
Lab Sample ID :	J5769-21	Instrumnet Name :	P7
Client Sample ID :	MW-1	Dilution Factor :	1
Date & Time Acquired ::	2018-11-02 19:52:12	DataFile Name :	026SMPL_P7110218.D

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zinc	66-2	23133	22966	22814	22971	0.69	cps
Zirconium	90-1	20399	19531	20123	20018	2.22	cps
Zirconium	91-1	5018	4543	4359	4640	7.33	cps

LB Number :	LB99065	Operator :	Jaswal
Lab Sample ID :	J5780-01	Instrumnet Name :	P7
Client Sample ID :	CPS07381	Dilution Factor :	1
Date & Time Acquired ::	2018-11-02 19:55:47	DataFile Name :	027SMPL_P7110218.D

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	5811	5944	6328	6027	4.46	cps
Antimony	121-1	40217	39473	42240	40643	3.52	cps
Arsenic	75-2	20509	20123	19986	20206	1.34	cps
Barium	135-1	331274	329658	333858	331596	0.64	cps
Barium	137-1	574110	572246	576126	574161	0.34	cps
Beryllium	9-1	178	178	156	170	7.53	cps
Bismuth	209-1	14402603	14374370	14503539	14426837	0.47	cps
Bismuth	209-2	7342839	7348983	7345676	7345832	0.04	cps
Boron	10-1	38851	38583	39076	38837	0.64	cps
Boron	11-1	179178	177380	181622	179393	1.19	cps
Cadmium	111-1	1650	1600	1669	1640	2.19	cps
Cadmium	106-1	7444	6944	7536	7308	4.36	cps
Cadmium	108-1	38	50	54	47	18.37	cps
Calcium	43-1	3917624	3876952	3909575	3901384	0.55	cps
Calcium	44-1	63315408	62627639	63315014	63086020	0.63	cps
Chromium	52-2	4537	4571	4778	4629	2.81	cps
Cobalt	59-2	18572	19036	18779	18796	1.24	cps
Copper	63-2	8476	7866	7879	8073	4.32	cps
Dysprosium	156-1	400	475	342	406	16.48	cps
Dysprosium	156-2	170	153	147	157	7.67	cps
Erbium	164-1	358	283	400	347	17.03	cps
Erbium	164-2	150	150	193	164	15.22	cps
Gadolinium	160-1	417	450	483	450	7.41	cps
Gadolinium	160-2	427	360	480	422	14.24	cps
Holmium	165-1	21216631	21286465	21299257	21267451	0.21	cps
Holmium	165-2	9727012	9654068	9631598	9670892	0.52	cps
Indium	115-1	15642288	15749701	15882743	15758244	0.76	cps
Indium	115-2	2608369	2619908	2621652	2616643	0.28	cps
Iron	56-2	13691551	13676743	13660470	13676255	0.11	cps
Iron	57-2	355385	353481	353276	354047	0.33	cps
Krypton	83-1	853	1003	880	912	8.77	cps
Lead	206-1	3756	3817	3651	3741	2.25	cps
Lead	207-1	3312	3117	3062	3163	4.15	cps
Lead	208-1	15637	15043	14103	14928	5.18	cps
Lithium	6-1	7073791	7127782	7116808	7106127	0.40	cps
Magnesium	24-2	2715831	2679281	2674252	2689788	0.84	cps

LB Number :	LB99065	Operator :	Jaswal
Lab Sample ID :	J5780-01	Instrumnet Name :	P7
Client Sample ID :	CPS07381	Dilution Factor :	1
Date & Time Acquired ::	2018-11-02 19:55:47	DataFile Name :	027SMPL_P7110218.D

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	1058019	1061838	1060154	1060004	0.18	cps
Molybdenum	94-1	1692	1925	1900	1839	6.97	cps
Molybdenum	95-1	1700	1550	1625	1625	4.62	cps
Molybdenum	96-1	2092	1984	2159	2078	4.25	cps
Molybdenum	97-1	908	1092	1100	1033	10.48	cps
Molybdenum	98-1	2625	2234	2534	2464	8.32	cps
Neodymium	150-1	553	513	433	500	12.22	cps
Neodymium	150-2	160	153	213	176	18.73	cps
Nickel	60-2	2960	2967	2997	2975	0.66	cps
Phosphorus	31-2	492	583	408	494	17.70	cps
Potassium	39-2	508532	514859	513442	512278	0.65	cps
Rhodium	103-1	14285524	14250003	14506640	14347389	0.97	cps
Rhodium	103-2	6270895	6216971	6240494	6242787	0.43	cps
Scandium	45-1	9890040	9847443	9960427	9899303	0.58	cps
Scandium	45-2	370299	368871	372347	370506	0.47	cps
Selenium	77-2	57	23	37	39	43.15	cps
Selenium	78-2	122	115	94	110	13.01	cps
Selenium	82-1	464	383	485	444	12.15	cps
Silicon	28-1	43278285	42810944	43197279	43095503	0.58	cps
Silver	109-1	10438	9829	9237	9834	6.11	cps
Silver	107-1	10604	9904	9729	10079	4.60	cps
Sodium	23-2	3223784	3218769	3208458	3217004	0.24	cps
Strontium	86-1	2879519	2918289	2942785	2913531	1.09	cps
Strontium	88-1	25568841	25679222	25810106	25686056	0.47	cps
Sulfur	34-1	4009629	3946408	3988627	3981555	0.81	cps
Terbium	159-1	21507510	21419666	21715106	21547427	0.70	cps
Terbium	159-2	9505947	9477836	9544234	9509339	0.35	cps
Thallium	203-1	900	933	1000	945	5.39	cps
Thallium	205-1	2200	2367	2342	2303	3.90	cps
Thorium	232-1	4501	4918	4245	4555	7.45	cps
Tin	118-1	9487	9295	8912	9231	3.17	cps
Titanium	47-1	3226	3801	14126	7051	87.00	cps
Uranium	238-1	3834	3892	3909	3879	1.02	cps
Vanadium	51-2	1540	1463	1577	1527	3.79	cps
Yttrium	89-1	15775666	15770944	15736355	15760988	0.14	cps
Yttrium	89-2	1919686	1916439	1918515	1918213	0.09	cps

LB Number :	LB99065	Operator :	Jaswal
Lab Sample ID :	J5780-01	Instrumnet Name :	P7
Client Sample ID :	CPS07381	Dilution Factor :	1
Date & Time Acquired ::	2018-11-02 19:55:47	DataFile Name :	027SMPL_P7110218.D

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zinc	66-2	8376	8661	8272	8436	2.39	cps
Zirconium	90-1	3067	2909	2684	2887	6.68	cps
Zirconium	91-1	633	742	850	742	14.61	cps

LB Number :	LB99065	Operator :	Jaswal
Lab Sample ID :	J5780-03	Instrumnet Name :	P7
Client Sample ID :	CPS073082	Dilution Factor :	1
Date & Time Acquired ::	2018-11-02 19:59:22	DataFile Name :	028SMPL_P7110218.D

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	6803	8188	7103	7364	9.89	cps
Antimony	121-1	39623	39323	40150	39699	1.05	cps
Arsenic	75-2	20405	20607	20394	20469	0.59	cps
Barium	135-1	338469	338037	341099	339201	0.49	cps
Barium	137-1	590341	594208	594430	592993	0.39	cps
Beryllium	9-1	183	139	156	159	14.10	cps
Bismuth	209-1	14362354	14404116	14425613	14397361	0.22	cps
Bismuth	209-2	7250826	7312278	7294453	7285852	0.43	cps
Boron	10-1	37898	38500	38358	38252	0.82	cps
Boron	11-1	175130	178451	176622	176734	0.94	cps
Cadmium	111-1	1698	1552	1588	1613	4.72	cps
Cadmium	106-1	7719	6977	7110	7269	5.44	cps
Cadmium	108-1	29	38	38	35	13.85	cps
Calcium	43-1	3930261	3948229	3938064	3938851	0.23	cps
Calcium	44-1	63885751	63858004	63535358	63759704	0.31	cps
Chromium	52-2	4494	4604	4831	4643	3.70	cps
Cobalt	59-2	18602	18278	18602	18494	1.01	cps
Copper	63-2	7132	7232	7112	7159	0.90	cps
Dysprosium	156-1	358	408	375	381	6.69	cps
Dysprosium	156-2	207	187	163	186	11.69	cps
Erbium	164-1	442	342	300	361	20.16	cps
Erbium	164-2	143	143	163	150	7.70	cps
Gadolinium	160-1	383	392	392	389	1.24	cps
Gadolinium	160-2	423	433	413	423	2.36	cps
Holmium	165-1	20814723	20983815	21023322	20940620	0.53	cps
Holmium	165-2	9517203	9592574	9505655	9538477	0.49	cps
Indium	115-1	15462495	15389288	15437844	15429876	0.24	cps
Indium	115-2	2556158	2576048	2553689	2561965	0.48	cps
Iron	56-2	14182752	13984769	13907738	14025087	1.01	cps
Iron	57-2	366400	363550	360910	363620	0.76	cps
Krypton	83-1	1017	1057	910	994	7.62	cps
Lead	206-1	3823	3767	4548	4046	10.77	cps
Lead	207-1	3112	3173	3206	3163	1.51	cps
Lead	208-1	15182	15332	16046	15520	2.98	cps
Lithium	6-1	6723228	6797692	6816345	6779088	0.73	cps
Magnesium	24-2	2712702	2693767	2695220	2700563	0.39	cps

LB Number :	LB99065	Operator :	Jaswal
Lab Sample ID :	J5780-03	Instrumnet Name :	P7
Client Sample ID :	CPS073082	Dilution Factor :	1
Date & Time Acquired ::	2018-11-02 19:59:22	DataFile Name :	028SMPL_P7110218.D

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	1079433	1081330	1074032	1078265	0.35	cps
Molybdenum	94-1	2176	1867	2167	2070	8.50	cps
Molybdenum	95-1	1767	1667	1759	1731	3.21	cps
Molybdenum	96-1	2050	2050	2325	2142	7.41	cps
Molybdenum	97-1	842	958	1192	997	17.87	cps
Molybdenum	98-1	2634	2384	2417	2478	5.48	cps
Neodymium	150-1	567	573	467	536	11.16	cps
Neodymium	150-2	180	123	153	152	18.62	cps
Nickel	60-2	3084	2900	2747	2910	5.79	cps
Phosphorus	31-2	425	408	600	478	22.22	cps
Potassium	39-2	522689	516798	513068	517519	0.94	cps
Rhodium	103-1	14011694	14007936	14026008	14015212	0.07	cps
Rhodium	103-2	6045696	6135245	6024576	6068505	0.97	cps
Scandium	45-1	9583379	9507450	9423001	9504610	0.84	cps
Scandium	45-2	356995	358478	353744	356405	0.68	cps
Selenium	77-2	50	27	40	39	30.10	cps
Selenium	78-2	107	93	106	102	7.93	cps
Selenium	82-1	394	377	427	399	6.40	cps
Silicon	28-1	43704468	43394080	43152480	43417009	0.64	cps
Silver	109-1	6085	5802	5668	5851	3.64	cps
Silver	107-1	6243	5885	6118	6082	2.99	cps
Sodium	23-2	3205974	3170516	3158106	3178198	0.78	cps
Strontium	86-1	2966045	2966405	3010755	2981068	0.86	cps
Strontium	88-1	26104969	26244337	26393375	26247560	0.55	cps
Sulfur	34-1	3994653	3963991	3931132	3963259	0.80	cps
Terbium	159-1	21214119	21306156	21293997	21271424	0.24	cps
Terbium	159-2	9325988	9450724	9245361	9340691	1.11	cps
Thallium	203-1	825	833	950	870	8.04	cps
Thallium	205-1	2100	1950	1884	1978	5.61	cps
Thorium	232-1	3595	3278	3567	3480	5.04	cps
Tin	118-1	7844	7444	7394	7561	3.26	cps
Titanium	47-1	5269	4443	4151	4621	12.55	cps
Uranium	238-1	3751	4109	4117	3992	5.25	cps
Vanadium	51-2	1627	1653	1683	1655	1.71	cps
Yttrium	89-1	15346403	15332497	15366028	15348309	0.11	cps
Yttrium	89-2	1861117	1869754	1858746	1863206	0.31	cps

LB Number :	LB99065	Operator :	Jaswal
Lab Sample ID :	J5780-03	Instrumnet Name :	P7
Client Sample ID :	CPS073082	Dilution Factor :	1
Date & Time Acquired ::	2018-11-02 19:59:22	DataFile Name :	028SMPL_P7110218.D

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zinc	66-2	9639	10170	9844	9884	2.71	cps
Zirconium	90-1	2725	3159	3151	3012	8.23	cps
Zirconium	91-1	942	792	675	803	16.66	cps

LB Number :	LB99065	Operator :	Jaswal
Lab Sample ID :	J5780-05	Instrumnet Name :	P7
Client Sample ID :	CPS113081	Dilution Factor :	1
Date & Time Acquired ::	2018-11-02 20:02:57	DataFile Name :	029SMPL_P7110218.D

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	8098	6035	6561	6898	15.54	cps
Antimony	121-1	36816	38011	37434	37420	1.60	cps
Arsenic	75-2	1706	1700	1793	1733	3.00	cps
Barium	135-1	168265	169083	166629	167992	0.74	cps
Barium	137-1	291773	297301	294316	294463	0.94	cps
Beryllium	9-1	183	144	111	146	24.71	cps
Bismuth	209-1	14276831	14542991	14520221	14446681	1.02	cps
Bismuth	209-2	7304463	7317189	7259101	7293585	0.42	cps
Boron	10-1	63962	65149	66004	65038	1.58	cps
Boron	11-1	290310	293592	303173	295692	2.26	cps
Cadmium	111-1	1573	1453	1403	1476	5.90	cps
Cadmium	106-1	7235	6969	6710	6971	3.77	cps
Cadmium	108-1	29	71	79	60	44.85	cps
Calcium	43-1	1610902	1620670	1615512	1615695	0.30	cps
Calcium	44-1	26231810	26254735	26076332	26187626	0.37	cps
Chromium	52-2	4191	4301	4414	4302	2.60	cps
Cobalt	59-2	14744	15362	15038	15048	2.05	cps
Copper	63-2	4671	4708	4704	4694	0.43	cps
Dysprosium	156-1	975	1200	908	1028	14.87	cps
Dysprosium	156-2	377	440	410	409	7.75	cps
Erbium	164-1	450	517	517	494	7.78	cps
Erbium	164-2	260	270	283	271	4.32	cps
Gadolinium	160-1	783	767	700	750	5.88	cps
Gadolinium	160-2	557	563	573	564	1.49	cps
Holmium	165-1	20546544	20858293	20778737	20727858	0.78	cps
Holmium	165-2	9458338	9533560	9486098	9492665	0.40	cps
Indium	115-1	15031137	15295539	15167837	15164838	0.87	cps
Indium	115-2	2511587	2542920	2516034	2523514	0.67	cps
Iron	56-2	14301931	14212755	14206604	14240430	0.37	cps
Iron	57-2	358505	358425	358323	358418	0.03	cps
Krypton	83-1	827	957	877	887	7.40	cps
Lead	206-1	3662	3656	3662	3660	0.09	cps
Lead	207-1	3206	3034	3106	3115	2.78	cps
Lead	208-1	14420	14203	13681	14102	2.69	cps
Lithium	6-1	6537034	6643355	6580032	6586807	0.81	cps
Magnesium	24-2	1363049	1362661	1353506	1359739	0.40	cps

LB Number :	LB99065	Operator :	Jaswal
Lab Sample ID :	J5780-05	Instrumnet Name :	P7
Client Sample ID :	CPS113081	Dilution Factor :	1
Date & Time Acquired ::	2018-11-02 20:02:57	DataFile Name :	029SMPL_P7110218.D

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	191460	192217	190141	191273	0.55	cps
Molybdenum	94-1	2409	2484	2484	2459	1.76	cps
Molybdenum	95-1	2850	2600	2609	2686	5.29	cps
Molybdenum	96-1	3034	3259	3768	3353	11.21	cps
Molybdenum	97-1	1642	1609	1550	1600	2.90	cps
Molybdenum	98-1	4017	4334	4409	4254	4.89	cps
Neodymium	150-1	1340	1393	1273	1336	4.50	cps
Neodymium	150-2	410	427	480	439	8.33	cps
Nickel	60-2	877	753	667	766	13.79	cps
Phosphorus	31-2	558	583	558	567	2.55	cps
Potassium	39-2	540158	544817	538962	541312	0.57	cps
Rhodium	103-1	13695598	13939549	13729221	13788123	0.96	cps
Rhodium	103-2	5982827	6025598	5981377	5996600	0.42	cps
Scandium	45-1	9200548	9225422	9166320	9197430	0.32	cps
Scandium	45-2	345676	347912	347471	347020	0.34	cps
Selenium	77-2	37	27	47	37	27.27	cps
Selenium	78-2	109	87	107	101	12.18	cps
Selenium	82-1	488	400	354	414	16.44	cps
Silicon	28-1	31918003	32108715	31908806	31978508	0.35	cps
Silver	109-1	4243	4059	4092	4131	2.37	cps
Silver	107-1	4493	4534	4418	4481	1.32	cps
Sodium	23-2	1374982	1369304	1358356	1367547	0.62	cps
Strontium	86-1	1286718	1306235	1303510	1298821	0.81	cps
Strontium	88-1	11470107	11545640	11491452	11502400	0.34	cps
Sulfur	34-1	611492	605777	603418	606896	0.68	cps
Terbium	159-1	20878441	21080224	21136520	21031728	0.65	cps
Terbium	159-2	9267901	9276703	9245461	9263355	0.17	cps
Thallium	203-1	950	633	800	795	19.94	cps
Thallium	205-1	1917	1742	1759	1806	5.35	cps
Thorium	232-1	3156	3117	2912	3062	4.29	cps
Tin	118-1	6727	6777	6577	6694	1.56	cps
Titanium	47-1	2834	2842	3635	3104	14.83	cps
Uranium	238-1	5285	4684	4759	4909	6.66	cps
Vanadium	51-2	1140	1170	1320	1210	7.97	cps
Yttrium	89-1	14926169	15030716	15006752	14987879	0.37	cps
Yttrium	89-2	1825470	1845638	1814615	1828574	0.86	cps

LB Number :	LB99065	Operator :	Jaswal
Lab Sample ID :	J5780-05	Instrumnet Name :	P7
Client Sample ID :	CPS113081	Dilution Factor :	1
Date & Time Acquired ::	2018-11-02 20:02:57	DataFile Name :	029SMPL_P7110218.D

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zinc	66-2	7068	7180	6873	7040	2.20	cps
Zirconium	90-1	2709	2867	2909	2828	3.73	cps
Zirconium	91-1	808	758	517	695	22.46	cps

LB Number :	LB99065	Operator :	Jaswal
Lab Sample ID :	J5780-07	Instrumnet Name :	P7
Client Sample ID :	CPS133081	Dilution Factor :	1
Date & Time Acquired ::	2018-11-02 20:06:33	DataFile Name :	030SMPL_P7110218.D

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	60939	59920	59615	60158	1.15	cps
Antimony	121-1	35287	34452	36131	35290	2.38	cps
Arsenic	75-2	3497	3684	3536	3572	2.76	cps
Barium	135-1	287556	288492	294331	290126	1.27	cps
Barium	137-1	500808	500637	506324	502590	0.64	cps
Beryllium	9-1	206	222	244	224	8.71	cps
Bismuth	209-1	14022275	14093666	14174104	14096682	0.54	cps
Bismuth	209-2	6995451	7071480	6970377	7012436	0.75	cps
Boron	10-1	44876	42979	43221	43692	2.36	cps
Boron	11-1	211622	211492	217230	213448	1.53	cps
Cadmium	111-1	1316	1345	1357	1340	1.57	cps
Cadmium	106-1	6477	6610	6594	6560	1.11	cps
Cadmium	108-1	83	50	58	64	27.16	cps
Calcium	43-1	3945948	3934758	3955858	3945521	0.27	cps
Calcium	44-1	63624568	63763760	63669883	63686070	0.11	cps
Chromium	52-2	7405	7068	7222	7232	2.33	cps
Cobalt	59-2	5935	5941	5735	5870	2.00	cps
Copper	63-2	5848	5601	5391	5613	4.07	cps
Dysprosium	156-1	2484	2809	2442	2578	7.79	cps
Dysprosium	156-2	1213	1180	1823	1406	25.76	cps
Erbium	164-1	1975	2092	1909	1992	4.66	cps
Erbium	164-2	990	860	837	896	9.23	cps
Gadolinium	160-1	2142	2234	2217	2198	2.22	cps
Gadolinium	160-2	1430	1357	1407	1398	2.68	cps
Holmium	165-1	20061014	20277507	20372869	20237130	0.79	cps
Holmium	165-2	9119072	9191605	9056183	9122287	0.74	cps
Indium	115-1	14543265	14642081	14613023	14599456	0.35	cps
Indium	115-2	2414843	2407250	2390349	2404147	0.52	cps
Iron	56-2	48378997	48434593	47699962	48171184	0.85	cps
Iron	57-2	1200857	1204775	1192826	1199486	0.51	cps
Krypton	83-1	877	883	883	881	0.44	cps
Lead	206-1	10577	10460	10788	10608	1.57	cps
Lead	207-1	8548	9076	8358	8661	4.29	cps
Lead	208-1	41927	40709	41166	41267	1.49	cps
Lithium	6-1	6325303	6353744	6321597	6333548	0.28	cps
Magnesium	24-2	675935	681374	675512	677607	0.48	cps

LB Number :	LB99065	Operator :	Jaswal
Lab Sample ID :	J5780-07	Instrumnet Name :	P7
Client Sample ID :	CPS133081	Dilution Factor :	1
Date & Time Acquired ::	2018-11-02 20:06:33	DataFile Name :	030SMPL_P7110218.D

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	2323602	2319540	2285644	2309596	0.90	cps
Molybdenum	94-1	9579	10164	9729	9824	3.09	cps
Molybdenum	95-1	10621	10271	10930	10607	3.11	cps
Molybdenum	96-1	12831	13140	13006	12993	1.19	cps
Molybdenum	97-1	6660	6794	6619	6691	1.37	cps
Molybdenum	98-1	16485	17278	17219	16994	2.60	cps
Neodymium	150-1	3527	3827	4047	3801	6.87	cps
Neodymium	150-2	1327	1277	1520	1375	9.36	cps
Nickel	60-2	1840	1997	1960	1932	4.24	cps
Phosphorus	31-2	2600	2734	2975	2770	6.86	cps
Potassium	39-2	305490	305865	301690	304348	0.76	cps
Rhodium	103-1	13072837	13264239	13225001	13187359	0.77	cps
Rhodium	103-2	5694261	5714582	5617262	5675369	0.90	cps
Scandium	45-1	8750683	8867048	8772554	8796762	0.70	cps
Scandium	45-2	327800	329536	326869	328069	0.41	cps
Selenium	77-2	33	63	37	44	36.99	cps
Selenium	78-2	93	104	119	105	12.40	cps
Selenium	82-1	474	454	445	458	3.24	cps
Silicon	28-1	88539002	88039062	87649614	88075893	0.51	cps
Silver	109-1	3409	3917	3942	3756	8.01	cps
Silver	107-1	4126	4026	4084	4079	1.23	cps
Sodium	23-2	2691624	2700465	2677707	2689932	0.43	cps
Strontium	86-1	2695460	2738879	2747013	2727117	1.02	cps
Strontium	88-1	23877922	23973364	24151522	24000936	0.58	cps
Sulfur	34-1	513585	510910	502796	509097	1.10	cps
Terbium	159-1	20385916	20632373	20503086	20507125	0.60	cps
Terbium	159-2	8982113	9027177	8832638	8947309	1.14	cps
Thallium	203-1	333	300	300	311	6.18	cps
Thallium	205-1	633	692	692	672	5.01	cps
Thorium	232-1	10988	11022	11061	11024	0.33	cps
Tin	118-1	7569	7953	8153	7891	3.76	cps
Titanium	47-1	24103	20427	25376	23302	11.03	cps
Uranium	238-1	9571	9712	9637	9640	0.74	cps
Vanadium	51-2	3867	3551	3767	3728	4.34	cps
Yttrium	89-1	14345650	14440224	14551480	14445785	0.71	cps
Yttrium	89-2	1737361	1735533	1729610	1734168	0.23	cps

LB Number :	LB99065	Operator :	Jaswal
Lab Sample ID :	J5780-07	Instrumnet Name :	P7
Client Sample ID :	CPS133081	Dilution Factor :	1
Date & Time Acquired ::	2018-11-02 20:06:33	DataFile Name :	030SMPL_P7110218.D

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zinc	66-2	7684	7281	7662	7542	3.00	cps
Zirconium	90-1	8628	9087	8312	8676	4.49	cps
Zirconium	91-1	2267	2401	11121	5263	96.40	cps

LB Number :	LB99065	Operator :	Jaswal
Lab Sample ID :	J5780-07DUP	Instrumnet Name :	P7
Client Sample ID :	CPS133081DUP	Dilution Factor :	1
Date & Time Acquired ::	2018-11-02 20:10:07	DataFile Name :	031SMPL_P7110218.D

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	56019	58889	52588	55832	5.65	cps
Antimony	121-1	32280	33416	33007	32901	1.75	cps
Arsenic	75-2	3615	3615	3487	3573	2.07	cps
Barium	135-1	279574	287816	288761	285384	1.77	cps
Barium	137-1	492318	498159	498613	496364	0.71	cps
Beryllium	9-1	244	256	261	254	3.35	cps
Bismuth	209-1	13733579	14034604	13956393	13908192	1.12	cps
Bismuth	209-2	6941500	7023894	6957764	6974386	0.63	cps
Boron	10-1	39853	41207	42143	41068	2.80	cps
Boron	11-1	202364	203931	204204	203500	0.49	cps
Cadmium	111-1	1337	1271	1377	1328	4.02	cps
Cadmium	106-1	6452	6368	6402	6407	0.65	cps
Cadmium	108-1	29	88	29	49	69.27	cps
Calcium	43-1	3805012	3848501	3801454	3818322	0.69	cps
Calcium	44-1	61785672	62267162	61319991	61790942	0.77	cps
Chromium	52-2	7078	7092	6692	6954	3.27	cps
Cobalt	59-2	5795	5718	5578	5697	1.93	cps
Copper	63-2	5281	5268	5254	5268	0.25	cps
Dysprosium	156-1	2434	2484	2342	2420	2.97	cps
Dysprosium	156-2	1147	1160	1173	1160	1.15	cps
Erbium	164-1	1850	2000	1842	1897	4.70	cps
Erbium	164-2	773	820	853	816	4.93	cps
Gadolinium	160-1	2200	1834	2009	2014	9.11	cps
Gadolinium	160-2	1300	1310	1250	1287	2.50	cps
Holmium	165-1	19699825	20226167	19896320	19940771	1.33	cps
Holmium	165-2	9061214	9141357	9075831	9092801	0.47	cps
Indium	115-1	14079473	14388462	14287188	14251708	1.11	cps
Indium	115-2	2366710	2401118	2385777	2384535	0.72	cps
Iron	56-2	47525151	47495396	47598208	47539585	0.11	cps
Iron	57-2	1183298	1179366	1183341	1182002	0.19	cps
Krypton	83-1	850	820	820	830	2.09	cps
Lead	206-1	10450	10454	10505	10470	0.29	cps
Lead	207-1	8681	8870	8987	8846	1.74	cps
Lead	208-1	40009	40865	40519	40464	1.06	cps
Lithium	6-1	6058971	6130986	6139504	6109820	0.72	cps
Magnesium	24-2	670053	671689	674942	672228	0.37	cps

LB Number :	LB99065	Operator :	Jaswal
Lab Sample ID :	J5780-07DUP	Instrumnet Name :	P7
Client Sample ID :	CPS133081DUP	Dilution Factor :	1
Date & Time Acquired ::	2018-11-02 20:10:07	DataFile Name :	031SMPL_P7110218.D

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	2263463	2278694	2290133	2277430	0.59	cps
Molybdenum	94-1	9270	10853	9362	9828	9.04	cps
Molybdenum	95-1	10312	10446	10746	10502	2.11	cps
Molybdenum	96-1	12131	12823	11789	12247	4.30	cps
Molybdenum	97-1	6452	6368	6460	6427	0.79	cps
Molybdenum	98-1	16093	16377	17471	16647	4.37	cps
Neodymium	150-1	3674	3961	3707	3781	4.15	cps
Neodymium	150-2	1393	1400	1213	1336	7.93	cps
Nickel	60-2	2150	2167	2020	2112	3.80	cps
Phosphorus	31-2	2592	3100	2484	2725	12.08	cps
Potassium	39-2	295160	299859	297805	297608	0.79	cps
Rhodium	103-1	12780697	13034373	12965792	12926954	1.02	cps
Rhodium	103-2	5578640	5673428	5639043	5630371	0.85	cps
Scandium	45-1	8479543	8606428	8510024	8531998	0.78	cps
Scandium	45-2	320565	326159	326060	324261	0.99	cps
Selenium	77-2	27	40	63	43	42.82	cps
Selenium	78-2	106	106	111	107	2.98	cps
Selenium	82-1	449	506	417	457	9.85	cps
Silicon	28-1	84396041	84817741	84584323	84599369	0.25	cps
Silver	109-1	3025	3192	2742	2987	7.62	cps
Silver	107-1	3584	3559	3434	3526	2.28	cps
Sodium	23-2	2638666	2659071	2661467	2653068	0.47	cps
Strontium	86-1	2637843	2682608	2676466	2665639	0.91	cps
Strontium	88-1	23431047	23598057	23529494	23519533	0.36	cps
Sulfur	34-1	490664	488599	491843	490369	0.33	cps
Terbium	159-1	19911039	20346672	20193222	20150311	1.10	cps
Terbium	159-2	8881400	8947015	8842077	8890164	0.60	cps
Thallium	203-1	292	308	275	292	5.71	cps
Thallium	205-1	617	667	725	669	8.10	cps
Thorium	232-1	11022	11405	10054	10827	6.43	cps
Tin	118-1	7085	7319	7411	7272	2.31	cps
Titanium	47-1	31498	19150	26147	25598	24.19	cps
Uranium	238-1	9487	9671	10433	9864	5.08	cps
Vanadium	51-2	6677	3597	3477	4584	39.57	cps
Yttrium	89-1	13939324	14258659	14116557	14104847	1.13	cps
Yttrium	89-2	1695300	1722447	1721162	1712969	0.89	cps

LB Number :	LB99065	Operator :	Jaswal
Lab Sample ID :	J5780-07DUP	Instrumnet Name :	P7
Client Sample ID :	CPS133081DUP	Dilution Factor :	1
Date & Time Acquired ::	2018-11-02 20:10:07	DataFile Name :	031SMPL_P7110218.D

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zinc	66-2	7639	7530	7626	7598	0.78	cps
Zirconium	90-1	8729	7986	9350	8688	7.86	cps
Zirconium	91-1	2000	2125	2275	2134	6.46	cps

LB Number :	LB99065	Operator :	Jaswal
Lab Sample ID :	CCV95	Instrumnet Name :	P7
Client Sample ID :	CCV95	Dilution Factor :	1
Date & Time Acquired ::	2018-11-02 20:13:41	DataFile Name :	032CCV_P7110218.D

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	8417932	8460741	8607106	8495260	1.17	cps
Antimony	121-1	7508703	7539105	7577065	7541624	0.45	cps
Arsenic	75-2	238155	241129	241183	240155	0.72	cps
Barium	135-1	10243653	10233021	10279520	10252064	0.24	cps
Barium	137-1	17967115	17654242	17810204	17810520	0.88	cps
Beryllium	9-1	2441996	2447785	2430710	2440164	0.36	cps
Bismuth	209-1	13580642	13546033	13511593	13546089	0.25	cps
Bismuth	209-2	6909508	6921824	6920929	6917420	0.10	cps
Boron	10-1	414339	415580	418220	416046	0.48	cps
Boron	11-1	1886742	1903287	1934747	1908258	1.28	cps
Cadmium	111-1	2134184	2121436	2134004	2129874	0.34	cps
Cadmium	106-1	255662	256072	261824	257853	1.34	cps
Cadmium	108-1	172725	171583	171569	171959	0.39	cps
Calcium	43-1	12595789	12455929	12493674	12515131	0.58	cps
Calcium	44-1	204438759	201470850	202462209	202790606	0.75	cps
Chromium	52-2	2319652	2338905	2357861	2338806	0.82	cps
Cobalt	59-2	3712912	3741551	3733494	3729319	0.40	cps
Copper	63-2	5061359	5082599	5117533	5087164	0.56	cps
Dysprosium	156-1	267	308	167	247	29.45	cps
Dysprosium	156-2	180	227	193	200	12.02	cps
Erbium	164-1	92	100	183	125	40.55	cps
Erbium	164-2	37	77	50	54	37.41	cps
Gadolinium	160-1	217	158	233	203	19.42	cps
Gadolinium	160-2	280	333	347	320	11.02	cps
Holmium	165-1	21334302	21374335	21356547	21355061	0.09	cps
Holmium	165-2	9967794	9964438	9953009	9961747	0.08	cps
Indium	115-1	14517351	14458096	14427357	14467601	0.32	cps
Indium	115-2	2535875	2552708	2560711	2549765	0.50	cps
Iron	56-2	479664955	485131878	483258211	482685014	0.58	cps
Iron	57-2	11767974	11851612	11863768	11827785	0.44	cps
Krypton	83-1	877	897	920	898	2.42	cps
Lead	206-1	7834700	7803248	7795528	7811159	0.27	cps
Lead	207-1	6998408	6961397	6946031	6968612	0.39	cps
Lead	208-1	31582277	31416194	31418456	31472309	0.30	cps
Lithium	6-1	5484077	5450364	5512487	5482309	0.57	cps
Magnesium	24-2	90586285	91085900	92182244	91284810	0.89	cps

LB Number :	LB99065	Operator :	Jaswal
Lab Sample ID :	CCV95	Instrumnet Name :	P7
Client Sample ID :	CCV95	Dilution Factor :	1
Date & Time Acquired ::	2018-11-02 20:13:41	DataFile Name :	032CCV_P7110218.D

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	2643561	2662667	2678644	2661624	0.66	cps
Molybdenum	94-1	16566814	16445572	16429199	16480528	0.46	cps
Molybdenum	95-1	20222916	20110082	20187537	20173512	0.29	cps
Molybdenum	96-1	22440024	22351657	22353640	22381774	0.23	cps
Molybdenum	97-1	12610259	12559349	12553764	12574457	0.25	cps
Molybdenum	98-1	32979207	32532900	32602229	32704779	0.73	cps
Neodymium	150-1	1207	1113	1167	1162	4.03	cps
Neodymium	150-2	97	113	137	116	17.39	cps
Nickel	60-2	993085	997151	1001880	997372	0.44	cps
Phosphorus	31-2	91136	89158	91304	90533	1.32	cps
Potassium	39-2	38718756	38684949	39474040	38959248	1.15	cps
Rhodium	103-1	12861289	12773174	12758199	12797554	0.44	cps
Rhodium	103-2	5698332	5710432	5729266	5712677	0.27	cps
Scandium	45-1	9347788	9301052	9294061	9314300	0.31	cps
Scandium	45-2	368295	367585	368015	367965	0.10	cps
Selenium	77-2	6482	6738	6598	6606	1.95	cps
Selenium	78-2	22740	22965	22892	22866	0.50	cps
Selenium	82-1	170496	169629	170186	170104	0.26	cps
Silicon	28-1	6258680	6334129	6408411	6333740	1.18	cps
Silver	109-1	9967872	9827755	9839228	9878285	0.79	cps
Silver	107-1	10337555	10354054	10332048	10341219	0.11	cps
Sodium	23-2	179746729	181073421	181684062	180834737	0.55	cps
Strontium	86-1	2654295	2637240	2637863	2643133	0.37	cps
Strontium	88-1	23313769	23056838	23099059	23156555	0.59	cps
Sulfur	34-1	1553897	1547092	1549671	1550220	0.22	cps
Terbium	159-1	21735406	21699300	21510531	21648412	0.56	cps
Terbium	159-2	9670294	9686877	9638788	9665320	0.25	cps
Thallium	203-1	9532011	9535833	9563468	9543771	0.18	cps
Thallium	205-1	23123306	23118171	23003666	23081714	0.29	cps
Thorium	232-1	35641929	35357033	35289098	35429353	0.53	cps
Tin	118-1	6903663	6830772	6862372	6865602	0.53	cps
Titanium	47-1	5745286	5713639	5746909	5735278	0.33	cps
Uranium	238-1	34882077	34777114	34943460	34867550	0.24	cps
Vanadium	51-2	1787039	1808590	1820196	1805275	0.93	cps
Yttrium	89-1	15084848	15011719	14950562	15015710	0.45	cps
Yttrium	89-2	1924546	1914236	1928923	1922569	0.39	cps

LB Number :	LB99065	Operator :	Jaswal
Lab Sample ID :	CCV95	Instrumnet Name :	P7
Client Sample ID :	CCV95	Dilution Factor :	1
Date & Time Acquired ::	2018-11-02 20:13:41	DataFile Name :	032CCV_P7110218.D

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zinc	66-2	740538	750361	753820	748240	0.92	cps
Zirconium	90-1	13880278	13727549	13760653	13789494	0.58	cps
Zirconium	91-1	3063408	3065145	3055651	3061401	0.17	cps

LB Number :	LB99065	Operator :	Jaswal
Lab Sample ID :	CCB95	Instrumnet Name :	P7
Client Sample ID :	CCB95	Dilution Factor :	1
Date & Time Acquired ::	2018-11-02 20:21:54	DataFile Name :	033CCBE_P7110218.D

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	425	575	608	536	18.22	cps
Antimony	121-1	2100	2242	2459	2267	7.96	cps
Arsenic	75-2	30	35	43	36	18.16	cps
Barium	135-1	300	308	442	350	22.71	cps
Barium	137-1	375	417	417	403	5.97	cps
Beryllium	9-1	189	189	183	187	1.72	cps
Bismuth	209-1	16845119	16149264	15798029	16264137	3.28	cps
Bismuth	209-2	8367708	8554097	8379590	8433798	1.24	cps
Boron	10-1	4618	4518	4684	4606	1.82	cps
Boron	11-1	21591	21115	20381	21029	2.90	cps
Cadmium	111-1	1660	1569	1604	1611	2.85	cps
Cadmium	106-1	7986	7436	7511	7644	3.90	cps
Cadmium	108-1	29	38	21	29	28.58	cps
Calcium	43-1	550	642	575	589	8.05	cps
Calcium	44-1	22613	21402	21994	22003	2.75	cps
Chromium	52-2	607	577	517	567	8.09	cps
Cobalt	59-2	137	140	153	143	6.15	cps
Copper	63-2	770	943	897	870	10.31	cps
Dysprosium	156-1	17	50	17	28	69.27	cps
Dysprosium	156-2	23	23	13	20	28.87	cps
Erbium	164-1	33	58	58	50	28.88	cps
Erbium	164-2	33	50	30	38	28.37	cps
Gadolinium	160-1	258	225	167	217	21.41	cps
Gadolinium	160-2	360	380	353	364	3.81	cps
Holmium	165-1	23141177	22348350	22046616	22512048	2.51	cps
Holmium	165-2	10722913	10907093	10662598	10764201	1.18	cps
Indium	115-1	17386043	16675964	16419213	16827073	2.98	cps
Indium	115-2	2937205	2986205	2950521	2957977	0.86	cps
Iron	56-2	17633	19208	20142	18994	6.68	cps
Iron	57-2	433	589	689	570	22.58	cps
Krypton	83-1	813	923	820	852	7.24	cps
Lead	206-1	1450	1322	1367	1380	4.70	cps
Lead	207-1	1322	1089	1183	1198	9.80	cps
Lead	208-1	5667	5328	5395	5464	3.29	cps
Lithium	6-1	6463612	6261074	6185194	6303293	2.28	cps
Magnesium	24-2	2784	2742	3075	2867	6.34	cps

LB Number :	LB99065	Operator :	Jaswal
Lab Sample ID :	CCB95	Instrumnet Name :	P7
Client Sample ID :	CCB95	Dilution Factor :	1
Date & Time Acquired ::	2018-11-02 20:21:54	DataFile Name :	033CCBE_P7110218.D

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	177	183	207	189	8.34	cps
Molybdenum	94-1	1208	1150	1092	1150	5.07	cps
Molybdenum	95-1	1142	1025	892	1020	12.27	cps
Molybdenum	96-1	1367	1267	1217	1283	5.95	cps
Molybdenum	97-1	717	767	625	703	10.22	cps
Molybdenum	98-1	2017	1592	1483	1697	16.61	cps
Neodymium	150-1	7	33	13	18	78.05	cps
Neodymium	150-2	10	17	7	11	45.82	cps
Nickel	60-2	170	167	157	164	4.22	cps
Phosphorus	31-2	200	233	183	206	12.39	cps
Potassium	39-2	27418	27343	26775	27178	1.29	cps
Rhodium	103-1	16118863	15431096	15257240	15602400	2.92	cps
Rhodium	103-2	6966201	7080225	6950784	6999070	1.01	cps
Scandium	45-1	10685754	10385566	10147036	10406119	2.59	cps
Scandium	45-2	397565	407243	400843	401884	1.22	cps
Selenium	77-2	17	7	23	16	53.90	cps
Selenium	78-2	69	89	61	73	19.75	cps
Selenium	82-1	379	327	336	347	8.04	cps
Silicon	28-1	267108	261092	264041	264081	1.14	cps
Silver	109-1	1700	1517	1392	1536	10.10	cps
Silver	107-1	1925	1709	1692	1775	7.33	cps
Sodium	23-2	27943	29271	29137	28784	2.54	cps
Strontium	86-1	1600	1542	1275	1472	11.77	cps
Strontium	88-1	1600	1609	1875	1695	9.23	cps
Sulfur	34-1	595553	586011	594193	591919	0.87	cps
Terbium	159-1	23813617	22821549	22430644	23021937	3.10	cps
Terbium	159-2	10450062	10667714	10474407	10530728	1.13	cps
Thallium	203-1	633	658	658	650	2.22	cps
Thallium	205-1	1767	1725	1667	1720	2.92	cps
Thorium	232-1	1772	1978	1961	1904	6.00	cps
Tin	118-1	1242	1308	1367	1306	4.79	cps
Titanium	47-1	283	208	200	231	19.91	cps
Uranium	238-1	542	517	725	594	19.14	cps
Vanadium	51-2	70	100	97	89	18.50	cps
Yttrium	89-1	17167977	16623295	16222554	16671276	2.85	cps
Yttrium	89-2	2125195	2167099	2124419	2138904	1.14	cps

LB Number :	LB99065	Operator :	Jaswal
Lab Sample ID :	CCB95	Instrumnet Name :	P7
Client Sample ID :	CCB95	Dilution Factor :	1
Date & Time Acquired ::	2018-11-02 20:21:54	DataFile Name :	033CCBE_P7110218.D

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zinc	66-2	1133	1055	1127	1105	3.89	cps
Zirconium	90-1	1684	1517	1517	1572	6.12	cps
Zirconium	91-1	400	258	433	364	25.54	cps

LB Number :	LB99065	Operator :	Jaswal
Lab Sample ID :	J5780-07LX5	Instrumnet Name :	P7
Client Sample ID :	CPS133081L	Dilution Factor :	5
Date & Time Acquired ::	2018-11-02 20:25:28	DataFile Name :	034SMPL_P7110218.D

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	14795	14795	14904	14831	0.42	cps
Antimony	121-1	25474	24781	23587	24614	3.88	cps
Arsenic	75-2	844	832	865	847	1.98	cps
Barium	135-1	62048	62575	62742	62455	0.58	cps
Barium	137-1	108027	106364	108220	107537	0.95	cps
Beryllium	9-1	161	200	239	200	19.44	cps
Bismuth	209-1	15375181	15465560	15444566	15428436	0.31	cps
Bismuth	209-2	8024457	7976871	8019214	8006847	0.33	cps
Boron	10-1	12973	13573	13356	13301	2.29	cps
Boron	11-1	62246	63057	63300	62868	0.88	cps
Cadmium	111-1	7418	1721	1680	3606	91.53	cps
Cadmium	106-1	36350	7794	7552	17232	96.08	cps
Cadmium	108-1	33	42	50	42	20.00	cps
Calcium	43-1	880175	876147	878840	878387	0.23	cps
Calcium	44-1	14168278	14167708	14115643	14150543	0.21	cps
Chromium	52-2	2000	2190	2210	2134	5.43	cps
Cobalt	59-2	1440	1523	1797	1587	11.76	cps
Copper	63-2	2440	2417	2647	2501	5.06	cps
Dysprosium	156-1	567	492	458	506	10.98	cps
Dysprosium	156-2	257	270	303	277	8.69	cps
Erbium	164-1	475	342	508	442	19.97	cps
Erbium	164-2	227	267	297	263	13.34	cps
Gadolinium	160-1	517	533	708	586	18.12	cps
Gadolinium	160-2	557	510	607	558	8.67	cps
Holmium	165-1	21656942	21754829	21696288	21702686	0.23	cps
Holmium	165-2	10214862	10236714	10268579	10240052	0.26	cps
Indium	115-1	15983437	16184574	16158997	16109003	0.68	cps
Indium	115-2	2807471	2803820	2811975	2807755	0.15	cps
Iron	56-2	11128089	11025511	11068156	11073919	0.47	cps
Iron	57-2	275907	275775	274298	275327	0.32	cps
Krypton	83-1	793	847	877	839	5.03	cps
Lead	206-1	3267	3389	3095	3250	4.55	cps
Lead	207-1	2984	2878	2595	2819	7.14	cps
Lead	208-1	13364	13209	12686	13086	2.71	cps
Lithium	6-1	6040709	6147628	6144597	6110978	1.00	cps
Magnesium	24-2	157907	160704	172438	163683	4.71	cps

LB Number :	LB99065	Operator :	Jaswal
Lab Sample ID :	J5780-07LX5	Instrumnet Name :	P7
Client Sample ID :	CPS133081L	Dilution Factor :	5
Date & Time Acquired ::	2018-11-02 20:25:28	DataFile Name :	034SMPL_P7110218.D

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	529659	531279	530505	530481	0.15	cps
Molybdenum	94-1	2784	2500	3101	2795	10.74	cps
Molybdenum	95-1	2775	2584	2784	2714	4.17	cps
Molybdenum	96-1	3067	3009	3359	3145	5.96	cps
Molybdenum	97-1	1725	1609	1709	1681	3.75	cps
Molybdenum	98-1	4201	4134	4167	4167	0.80	cps
Neodymium	150-1	707	733	820	753	7.87	cps
Neodymium	150-2	317	317	280	304	6.95	cps
Nickel	60-2	583	530	603	572	6.63	cps
Phosphorus	31-2	975	875	758	870	12.47	cps
Potassium	39-2	94752	93409	99504	95888	3.34	cps
Rhodium	103-1	14703793	14746362	14779579	14743245	0.26	cps
Rhodium	103-2	6668971	6689494	6645890	6668118	0.33	cps
Scandium	45-1	9883527	9936201	9892527	9904085	0.28	cps
Scandium	45-2	385657	385203	381765	384208	0.55	cps
Selenium	77-2	37	20	10	22	60.63	cps
Selenium	78-2	70	109	96	92	21.53	cps
Selenium	82-1	329	345	284	319	9.90	cps
Silicon	28-1	20854338	20666863	20753546	20758249	0.45	cps
Silver	109-1	3676	3242	3017	3312	10.11	cps
Silver	107-1	3884	3392	3617	3631	6.78	cps
Sodium	23-2	662748	661349	693233	672443	2.68	cps
Strontium	86-1	587474	595287	593535	592099	0.69	cps
Strontium	88-1	5155701	5135412	5184601	5158571	0.48	cps
Sulfur	34-1	600068	595714	594189	596657	0.51	cps
Terbium	159-1	21995720	22078641	22115650	22063337	0.28	cps
Terbium	159-2	10011963	10019229	10138136	10056443	0.70	cps
Thallium	203-1	1433	1275	1317	1342	6.12	cps
Thallium	205-1	3817	3100	2625	3181	18.86	cps
Thorium	232-1	3389	3623	3434	3482	3.56	cps
Tin	118-1	2109	2017	1909	2011	4.98	cps
Titanium	47-1	16393	9650	5799	10614	50.53	cps
Uranium	238-1	2217	2134	2209	2186	2.10	cps
Vanadium	51-2	883	940	1517	1114	31.50	cps
Yttrium	89-1	15975176	15924161	15974579	15957972	0.18	cps
Yttrium	89-2	2036348	2024321	2027988	2029553	0.30	cps

LB Number :	LB99065	Operator :	Jaswal
Lab Sample ID :	J5780-07LX5	Instrumnet Name :	P7
Client Sample ID :	CPS133081L	Dilution Factor :	5
Date & Time Acquired ::	2018-11-02 20:25:28	DataFile Name :	034SMPL_P7110218.D

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zinc	66-2	2651	2463	2606	2573	3.82	cps
Zirconium	90-1	3309	3509	3326	3381	3.28	cps
Zirconium	91-1	783	650	783	739	10.42	cps

LB Number :	LB99065	Operator :	Jaswal
Lab Sample ID :	J5780-07MS	Instrumnet Name :	P7
Client Sample ID :	CPS133081MS	Dilution Factor :	1
Date & Time Acquired ::	2018-11-02 20:29:02	DataFile Name :	035SMPL_P7110218.D

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	1515660	1525761	1506772	1516064	0.63	cps
Antimony	121-1	7368322	7387330	7408597	7388083	0.27	cps
Arsenic	75-2	228411	230854	227195	228820	0.81	cps
Barium	135-1	9792290	9888528	9984198	9888339	0.97	cps
Barium	137-1	17038534	17142072	17305450	17162019	0.78	cps
Beryllium	9-1	2208744	2221553	2224177	2218158	0.37	cps
Bismuth	209-1	13074021	13292180	13440515	13268905	1.39	cps
Bismuth	209-2	6680185	6740310	6770992	6730496	0.69	cps
Boron	10-1	429542	436839	441665	436015	1.40	cps
Boron	11-1	2002637	2056172	2060853	2039887	1.59	cps
Cadmium	111-1	2050075	2086614	2108537	2081742	1.42	cps
Cadmium	106-1	243535	246798	248018	246117	0.94	cps
Cadmium	108-1	166384	166911	167656	166984	0.38	cps
Calcium	43-1	6288430	6292777	6316728	6299312	0.24	cps
Calcium	44-1	101187325	101503704	101626052	101439027	0.22	cps
Chromium	52-2	2079065	2090907	2070088	2080020	0.50	cps
Cobalt	59-2	3497245	3532036	3504210	3511164	0.52	cps
Copper	63-2	5110980	5154530	5111064	5125525	0.49	cps
Dysprosium	156-1	2467	2767	2367	2534	8.22	cps
Dysprosium	156-2	1147	1303	1367	1272	8.90	cps
Erbium	164-1	1792	1650	1759	1734	4.27	cps
Erbium	164-2	810	800	890	833	5.92	cps
Gadolinium	160-1	1900	2234	2042	2059	8.13	cps
Gadolinium	160-2	1423	1307	1320	1350	4.73	cps
Holmium	165-1	19939291	20149891	20283566	20124249	0.86	cps
Holmium	165-2	9204929	9253699	9260036	9239555	0.33	cps
Indium	115-1	14038346	14131095	14186381	14118608	0.53	cps
Indium	115-2	2357777	2379869	2377799	2371815	0.51	cps
Iron	56-2	135906597	136498986	135173259	135859614	0.49	cps
Iron	57-2	3389433	3417192	3362807	3389811	0.80	cps
Krypton	83-1	1010	890	1057	986	8.72	cps
Lead	206-1	7279781	7344031	7452729	7358847	1.19	cps
Lead	207-1	6293640	6397528	6497682	6396283	1.60	cps
Lead	208-1	28968381	29373106	29703579	29348355	1.25	cps
Lithium	6-1	6049713	6127601	6185821	6121045	1.12	cps
Magnesium	24-2	18710079	18819864	18740448	18756797	0.30	cps

LB Number :	LB99065	Operator :	Jaswal
Lab Sample ID :	J5780-07MS	Instrumnet Name :	P7
Client Sample ID :	CPS133081MS	Dilution Factor :	1
Date & Time Acquired ::	2018-11-02 20:29:02	DataFile Name :	035SMPL_P7110218.D

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	4758765	4781149	4740538	4760151	0.43	cps
Molybdenum	94-1	15310990	15408181	15488509	15402560	0.58	cps
Molybdenum	95-1	18877520	18919703	19046742	18947988	0.46	cps
Molybdenum	96-1	20899279	21045616	21162077	21035657	0.63	cps
Molybdenum	97-1	11690339	11788087	11844059	11774162	0.66	cps
Molybdenum	98-1	30292438	30726280	30696806	30571841	0.79	cps
Neodymium	150-1	4408	4581	4461	4483	1.98	cps
Neodymium	150-2	1373	1390	1333	1366	2.13	cps
Nickel	60-2	951797	958401	950362	953520	0.45	cps
Phosphorus	31-2	2867	2842	2675	2795	3.73	cps
Potassium	39-2	7339559	7351373	7359708	7350213	0.14	cps
Rhodium	103-1	12764983	12861447	12909634	12845355	0.57	cps
Rhodium	103-2	5625995	5641817	5660877	5642896	0.31	cps
Scandium	45-1	8849977	8952267	9025081	8942442	0.98	cps
Scandium	45-2	340036	340174	339771	339993	0.06	cps
Selenium	77-2	6562	6345	6378	6428	1.82	cps
Selenium	78-2	21019	20962	21323	21101	0.92	cps
Selenium	82-1	169994	171702	171330	171009	0.53	cps
Silicon	28-1	92640977	92700912	92180842	92507577	0.31	cps
Silver	109-1	9453369	9509092	9607192	9523218	0.82	cps
Silver	107-1	10004125	10084187	10161268	10083194	0.78	cps
Sodium	23-2	35519971	35726206	35668153	35638110	0.30	cps
Strontium	86-1	5082716	5128324	5152839	5121293	0.69	cps
Strontium	88-1	44805359	44891119	45184943	44960474	0.44	cps
Sulfur	34-1	542834	527620	505918	525457	3.53	cps
Terbium	159-1	20206708	20273350	20660232	20380097	1.20	cps
Terbium	159-2	8985548	8996567	9012169	8998095	0.15	cps
Thallium	203-1	8975423	9087352	9126675	9063150	0.87	cps
Thallium	205-1	21603761	21780716	22193443	21859307	1.38	cps
Thorium	232-1	21163	19760	19793	20239	3.96	cps
Tin	118-1	6653512	6659220	6651850	6654860	0.06	cps
Titanium	47-1	5282763	5318338	5338326	5313142	0.53	cps
Uranium	238-1	31212340	31645756	32192666	31683588	1.55	cps
Vanadium	51-2	1633698	1643112	1629358	1635389	0.43	cps
Yttrium	89-1	14374496	14396508	14596128	14455710	0.84	cps
Yttrium	89-2	1777943	1779983	1775722	1777883	0.12	cps

LB Number :	LB99065	Operator :	Jaswal
Lab Sample ID :	J5780-07MS	Instrumnet Name :	P7
Client Sample ID :	CPS133081MS	Dilution Factor :	1
Date & Time Acquired ::	2018-11-02 20:29:02	DataFile Name :	035SMPL_P7110218.D

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zinc	66-2	726655	730490	722283	726476	0.57	cps
Zirconium	90-1	12732491	12781034	12918357	12810627	0.75	cps
Zirconium	91-1	2813747	2848758	2877502	2846669	1.12	cps

LB Number :	LB99065	Operator :	Jaswal
Lab Sample ID :	J5780-07MSD	Instrumnet Name :	P7
Client Sample ID :	CPS133081MSD	Dilution Factor :	1
Date & Time Acquired ::	2018-11-02 20:32:37	DataFile Name :	036SMPL_P7110218.D

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	1501482	1505828	1503800	1503704	0.14	cps
Antimony	121-1	7344828	7363272	7400748	7369616	0.39	cps
Arsenic	75-2	228922	230096	229699	229572	0.26	cps
Barium	135-1	9830457	9904174	9956536	9897056	0.64	cps
Barium	137-1	17055292	17209844	17252865	17172667	0.61	cps
Beryllium	9-1	2143625	2151283	2146378	2147095	0.18	cps
Bismuth	209-1	13093352	13307878	13280150	13227126	0.88	cps
Bismuth	209-2	6717577	6738039	6754937	6736851	0.28	cps
Boron	10-1	421542	428711	431040	427098	1.16	cps
Boron	11-1	1955338	1980812	2047387	1994512	2.38	cps
Cadmium	111-1	2063993	2096383	2092657	2084344	0.85	cps
Cadmium	106-1	244545	243112	249068	245575	1.27	cps
Cadmium	108-1	162995	165006	166915	164972	1.19	cps
Calcium	43-1	6151127	6145481	6193154	6163254	0.42	cps
Calcium	44-1	99116808	99832519	99584542	99511290	0.37	cps
Chromium	52-2	2072717	2087196	2075804	2078573	0.37	cps
Cobalt	59-2	3505965	3515718	3523724	3515136	0.25	cps
Copper	63-2	5045628	5036574	5057178	5046460	0.20	cps
Dysprosium	156-1	2409	2442	2325	2392	2.51	cps
Dysprosium	156-2	1240	1367	1167	1258	8.04	cps
Erbium	164-1	1917	2000	1684	1867	8.79	cps
Erbium	164-2	827	790	833	817	2.86	cps
Gadolinium	160-1	2100	2109	1984	2064	3.39	cps
Gadolinium	160-2	1310	1333	1187	1277	6.17	cps
Holmium	165-1	19830223	20117963	20137563	20028583	0.86	cps
Holmium	165-2	9233496	9256736	9208022	9232751	0.26	cps
Indium	115-1	13851659	14067201	13978124	13965661	0.78	cps
Indium	115-2	2365680	2385136	2383131	2377982	0.45	cps
Iron	56-2	134828656	135066611	135289156	135061474	0.17	cps
Iron	57-2	3358244	3383243	3378252	3373246	0.39	cps
Krypton	83-1	990	867	890	916	7.16	cps
Lead	206-1	7326329	7363889	7506158	7398792	1.28	cps
Lead	207-1	6375709	6459503	6537367	6457526	1.25	cps
Lead	208-1	29301928	29551001	29916458	29589796	1.04	cps
Lithium	6-1	5806408	5842009	5827528	5825315	0.31	cps
Magnesium	24-2	18374445	18286252	18385684	18348794	0.30	cps

LB Number :	LB99065	Operator :	Jaswal
Lab Sample ID :	J5780-07MSD	Instrumnet Name :	P7
Client Sample ID :	CPS133081MSD	Dilution Factor :	1
Date & Time Acquired ::	2018-11-02 20:32:37	DataFile Name :	036SMPL_P7110218.D

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	4703699	4746261	4720486	4723482	0.45	cps
Molybdenum	94-1	15141135	15347007	15440497	15309546	1.00	cps
Molybdenum	95-1	18464391	18788531	19011280	18754734	1.47	cps
Molybdenum	96-1	20725797	20924784	21132482	20927688	0.97	cps
Molybdenum	97-1	11730159	11819736	11854548	11801481	0.54	cps
Molybdenum	98-1	30501704	30542248	30695776	30579909	0.33	cps
Neodymium	150-1	4541	4494	4601	4545	1.18	cps
Neodymium	150-2	1300	1253	1470	1341	8.50	cps
Nickel	60-2	952412	946425	950943	949927	0.33	cps
Phosphorus	31-2	2625	2775	2709	2703	2.78	cps
Potassium	39-2	7292123	7323181	7292650	7302651	0.24	cps
Rhodium	103-1	12695890	12681787	12731967	12703215	0.20	cps
Rhodium	103-2	5608080	5640524	5647411	5632005	0.37	cps
Scandium	45-1	8720248	8776598	8756971	8751272	0.33	cps
Scandium	45-2	336418	335589	337857	336621	0.34	cps
Selenium	77-2	6425	6318	6455	6399	1.12	cps
Selenium	78-2	21340	21019	21169	21176	0.76	cps
Selenium	82-1	168052	168496	169952	168833	0.59	cps
Silicon	28-1	87871214	88786887	89027200	88561767	0.69	cps
Silver	109-1	9490582	9510784	9583401	9528256	0.51	cps
Silver	107-1	9946611	9972268	10065299	9994726	0.62	cps
Sodium	23-2	35134504	35066173	34958996	35053224	0.25	cps
Strontium	86-1	5082356	5086428	5123810	5097531	0.45	cps
Strontium	88-1	44383036	44250074	44925709	44519607	0.80	cps
Sulfur	34-1	469828	462651	452180	461553	1.92	cps
Terbium	159-1	20201057	20270329	20311326	20260904	0.28	cps
Terbium	159-2	9012863	8969832	9009902	8997532	0.27	cps
Thallium	203-1	9068706	9183017	9197563	9149762	0.77	cps
Thallium	205-1	21821297	22071826	22165682	22019602	0.81	cps
Thorium	232-1	15371	15804	15599	15591	1.39	cps
Tin	118-1	6593084	6632302	6665397	6630261	0.55	cps
Titanium	47-1	5200051	5257102	5227965	5228373	0.55	cps
Uranium	238-1	31991184	31983215	32115773	32030057	0.23	cps
Vanadium	51-2	1627179	1636414	1636855	1633483	0.33	cps
Yttrium	89-1	14185912	14246237	14372891	14268347	0.67	cps
Yttrium	89-2	1775962	1777703	1779018	1777561	0.09	cps

LB Number :	LB99065	Operator :	Jaswal
Lab Sample ID :	J5780-07MSD	Instrumnet Name :	P7
Client Sample ID :	CPS133081MSD	Dilution Factor :	1
Date & Time Acquired ::	2018-11-02 20:32:37	DataFile Name :	036SMPL_P7110218.D

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zinc	66-2	721897	725749	721748	723131	0.31	cps
Zirconium	90-1	12734565	12742224	12804941	12760577	0.30	cps
Zirconium	91-1	2839127	2839276	2865243	2847882	0.53	cps

LB Number :	LB99065	Operator :	Jaswal
Lab Sample ID :	J5780-07A	Instrumnet Name :	P7
Client Sample ID :	CPS133081A	Dilution Factor :	1
Date & Time Acquired ::	2018-11-02 20:36:13	DataFile Name :	037SMPL_P7110218.D

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	1486518	1486338	1478230	1483695	0.32	cps
Antimony	121-1	7287778	7300797	7337439	7308671	0.35	cps
Arsenic	75-2	226951	228699	225537	227062	0.70	cps
Barium	135-1	9836012	9834647	9899843	9856834	0.38	cps
Barium	137-1	16978139	17033907	17211665	17074571	0.71	cps
Beryllium	9-1	2102489	2101991	2118981	2107820	0.46	cps
Bismuth	209-1	13258603	13290536	13312576	13287239	0.20	cps
Bismuth	209-2	6714270	6769884	6736735	6740296	0.42	cps
Boron	10-1	419936	422413	432731	425027	1.60	cps
Boron	11-1	1953552	1978811	1987789	1973384	0.90	cps
Cadmium	111-1	2069133	2059395	2082033	2070187	0.55	cps
Cadmium	106-1	241549	242679	244770	243000	0.67	cps
Cadmium	108-1	163779	164643	164930	164451	0.36	cps
Calcium	43-1	6124502	6084659	6138586	6115916	0.46	cps
Calcium	44-1	98858363	98683223	99062469	98868018	0.19	cps
Chromium	52-2	2050032	2055535	2055150	2053572	0.15	cps
Cobalt	59-2	3469848	3482197	3481122	3477722	0.20	cps
Copper	63-2	5033167	5062296	5020601	5038688	0.42	cps
Dysprosium	156-1	2459	2492	2359	2436	2.85	cps
Dysprosium	156-2	1390	1180	1310	1293	8.20	cps
Erbium	164-1	1775	1700	1734	1736	2.16	cps
Erbium	164-2	797	897	810	834	6.51	cps
Gadolinium	160-1	1967	2209	2367	2181	9.24	cps
Gadolinium	160-2	1367	1197	1220	1261	7.31	cps
Holmium	165-1	20013243	20287288	20203361	20167964	0.70	cps
Holmium	165-2	9280433	9211745	9211544	9234574	0.43	cps
Indium	115-1	14039833	13976407	13979430	13998557	0.26	cps
Indium	115-2	2358850	2371277	2371848	2367325	0.31	cps
Iron	56-2	134359084	133989656	133545059	133964599	0.30	cps
Iron	57-2	3345484	3338912	3315296	3333230	0.48	cps
Krypton	83-1	853	827	973	884	8.83	cps
Lead	206-1	7392107	7351162	7388542	7377270	0.31	cps
Lead	207-1	6385779	6419019	6486114	6430304	0.79	cps
Lead	208-1	29415832	29374085	29579025	29456314	0.37	cps
Lithium	6-1	5738521	5801641	5770771	5770311	0.55	cps
Magnesium	24-2	18315126	18153271	18178093	18215497	0.48	cps

LB Number :	LB99065	Operator :	Jaswal
Lab Sample ID :	J5780-07A	Instrumnet Name :	P7
Client Sample ID :	CPS133081A	Dilution Factor :	1
Date & Time Acquired ::	2018-11-02 20:36:13	DataFile Name :	037SMPL_P7110218.D

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	4683248	4673469	4666954	4674557	0.18	cps
Molybdenum	94-1	15324178	15306764	15326104	15319015	0.07	cps
Molybdenum	95-1	18823093	18667497	18892113	18794234	0.61	cps
Molybdenum	96-1	20802412	20751294	20955057	20836254	0.51	cps
Molybdenum	97-1	11715667	11639088	11755507	11703421	0.51	cps
Molybdenum	98-1	30370100	30249109	30356363	30325191	0.22	cps
Neodymium	150-1	4161	3914	4634	4236	8.64	cps
Neodymium	150-2	1397	1367	1400	1388	1.32	cps
Nickel	60-2	937276	941655	941920	940283	0.28	cps
Phosphorus	31-2	2550	2517	2609	2559	1.81	cps
Potassium	39-2	7281393	7229921	7195485	7235600	0.60	cps
Rhodium	103-1	12790617	12737510	12760672	12762933	0.21	cps
Rhodium	103-2	5583459	5588552	5619954	5597322	0.35	cps
Scandium	45-1	8661181	8742641	8700753	8701525	0.47	cps
Scandium	45-2	335983	333991	334209	334727	0.33	cps
Selenium	77-2	6428	6258	6091	6259	2.69	cps
Selenium	78-2	21136	21347	21132	21205	0.58	cps
Selenium	82-1	167857	168820	169053	168577	0.38	cps
Silicon	28-1	88548708	88430173	88038004	88338962	0.30	cps
Silver	109-1	9487670	9479495	9583894	9517020	0.61	cps
Silver	107-1	10006323	9940681	9981482	9976162	0.33	cps
Sodium	23-2	34655045	34520477	34469753	34548425	0.28	cps
Strontium	86-1	5047761	5072600	5131500	5083954	0.85	cps
Strontium	88-1	44403072	44210590	44626690	44413450	0.47	cps
Sulfur	34-1	444002	441188	437759	440983	0.71	cps
Terbium	159-1	20221197	20450145	20322725	20331356	0.56	cps
Terbium	159-2	9025493	8994733	9050228	9023485	0.31	cps
Thallium	203-1	9072792	9132312	9198703	9134603	0.69	cps
Thallium	205-1	21841260	21884311	22047002	21924191	0.49	cps
Thorium	232-1	14553	14842	15215	14870	2.23	cps
Tin	118-1	6577971	6606016	6596289	6593425	0.22	cps
Titanium	47-1	5180080	5206347	5199911	5195446	0.26	cps
Uranium	238-1	31867974	31821715	32341940	32010543	0.90	cps
Vanadium	51-2	1616236	1607428	1609865	1611176	0.28	cps
Yttrium	89-1	14297721	14241528	14349731	14296327	0.38	cps
Yttrium	89-2	1758965	1770999	1775845	1768603	0.49	cps

LB Number :	LB99065	Operator :	Jaswal
Lab Sample ID :	J5780-07A	Instrumnet Name :	P7
Client Sample ID :	CPS133081A	Dilution Factor :	1
Date & Time Acquired ::	2018-11-02 20:36:13	DataFile Name :	037SMPL_P7110218.D

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zinc	66-2	716251	721510	713975	717245	0.54	cps
Zirconium	90-1	12702540	12601901	12742770	12682403	0.57	cps
Zirconium	91-1	2814825	2825008	2825116	2821650	0.21	cps

LB Number :	LB99065	Operator :	Jaswal
Lab Sample ID :	J5769-21DLX5	Instrumnet Name :	P7
Client Sample ID :	MW-1DL	Dilution Factor :	5
Date & Time Acquired ::	2018-11-02 20:39:49	DataFile Name :	038SMPL_P7110218.D

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	50612	49115	48229	49319	2.44	cps
Antimony	121-1	11689	10738	11155	11194	4.26	cps
Arsenic	75-2	682	743	724	716	4.38	cps
Barium	135-1	126690	127437	126975	127034	0.30	cps
Barium	137-1	220050	220591	221319	220653	0.29	cps
Beryllium	9-1	494	506	400	467	12.43	cps
Bismuth	209-1	15534498	15384642	15459031	15459391	0.48	cps
Bismuth	209-2	7923877	7913494	7859117	7898829	0.44	cps
Boron	10-1	21566	20540	20256	20787	3.32	cps
Boron	11-1	102506	99317	96029	99284	3.26	cps
Cadmium	111-1	2071	1923	1984	1993	3.75	cps
Cadmium	106-1	7919	7085	7586	7530	5.57	cps
Cadmium	108-1	83	88	71	81	10.77	cps
Calcium	43-1	460642	452800	452837	455426	0.99	cps
Calcium	44-1	7442750	7326293	7357522	7375522	0.82	cps
Chromium	52-2	6415	6361	6528	6435	1.32	cps
Cobalt	59-2	4231	4131	4051	4137	2.18	cps
Copper	63-2	9747	9957	10104	9936	1.81	cps
Dysprosium	156-1	5018	4693	4884	4865	3.36	cps
Dysprosium	156-2	2124	2184	2294	2200	3.92	cps
Erbium	164-1	4293	4142	4309	4248	2.16	cps
Erbium	164-2	2067	1967	1870	1968	5.00	cps
Gadolinium	160-1	4393	4626	4426	4481	2.82	cps
Gadolinium	160-2	2417	2454	2337	2402	2.48	cps
Holmium	165-1	22008249	21804497	21863141	21891962	0.48	cps
Holmium	165-2	10175627	10148674	10131456	10151919	0.22	cps
Indium	115-1	15997106	15912711	15985268	15965028	0.29	cps
Indium	115-2	2725063	2750745	2713326	2729711	0.70	cps
Iron	56-2	6810751	6808022	6787183	6801985	0.19	cps
Iron	57-2	166343	167680	170039	168021	1.11	cps
Krypton	83-1	960	797	820	859	10.29	cps
Lead	206-1	2500033	2533568	2513154	2515585	0.67	cps
Lead	207-1	1873577	1887601	1875314	1878831	0.41	cps
Lead	208-1	9113507	9159414	9149883	9140935	0.27	cps
Lithium	6-1	5682245	5731973	5742114	5718777	0.56	cps
Magnesium	24-2	735152	740287	737739	737726	0.35	cps

LB Number :	LB99065	Operator :	Jaswal
Lab Sample ID :	J5769-21DLX5	Instrumnet Name :	P7
Client Sample ID :	MW-1DL	Dilution Factor :	5
Date & Time Acquired ::	2018-11-02 20:39:49	DataFile Name :	038SMPL_P7110218.D

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	96467	97470	97208	97048	0.54	cps
Molybdenum	94-1	4484	4384	4543	4470	1.79	cps
Molybdenum	95-1	5126	4976	4393	4832	8.02	cps
Molybdenum	96-1	5943	5418	5593	5651	4.73	cps
Molybdenum	97-1	3242	2834	2984	3020	6.84	cps
Molybdenum	98-1	7861	7794	7452	7702	2.85	cps
Neodymium	150-1	7149	6902	6942	6998	1.89	cps
Neodymium	150-2	2444	2514	2384	2447	2.66	cps
Nickel	60-2	2580	2587	2497	2555	1.96	cps
Phosphorus	31-2	667	775	833	758	11.15	cps
Potassium	39-2	187562	187048	186678	187096	0.24	cps
Rhodium	103-1	14631105	14592518	14636432	14620018	0.16	cps
Rhodium	103-2	6507717	6510608	6437878	6485401	0.63	cps
Scandium	45-1	9646671	9601501	9674808	9640993	0.38	cps
Scandium	45-2	365156	369982	365746	366962	0.72	cps
Selenium	77-2	17	23	27	22	22.91	cps
Selenium	78-2	83	85	111	93	16.66	cps
Selenium	82-1	208	487	411	369	39.16	cps
Silicon	28-1	14195182	14197989	14240963	14211378	0.18	cps
Silver	109-1	1367	1392	1333	1364	2.15	cps
Silver	107-1	1667	1558	1375	1533	9.62	cps
Sodium	23-2	11532848	11528518	11469328	11510231	0.31	cps
Strontium	86-1	127545	127393	125823	126920	0.75	cps
Strontium	88-1	1103686	1088282	1101798	1097922	0.77	cps
Sulfur	34-1	542840	552293	552511	549215	1.01	cps
Terbium	159-1	22307530	22160166	22164008	22210568	0.38	cps
Terbium	159-2	9991895	9964014	9880926	9945612	0.58	cps
Thallium	203-1	2609	2484	2009	2367	13.38	cps
Thallium	205-1	6610	5660	4884	5718	15.12	cps
Thorium	232-1	10966	11633	11049	11216	3.24	cps
Tin	118-1	3075	3176	3017	3089	2.59	cps
Titanium	47-1	33923	34767	33932	34207	1.42	cps
Uranium	238-1	13866	14375	13908	14050	2.01	cps
Vanadium	51-2	8779	8916	9046	8914	1.50	cps
Yttrium	89-1	15858183	15761250	15864315	15827916	0.37	cps
Yttrium	89-2	1968474	1973224	1960085	1967261	0.34	cps

LB Number :	LB99065	Operator :	Jaswal
Lab Sample ID :	J5769-21DLX5	Instrumnet Name :	P7
Client Sample ID :	MW-1DL	Dilution Factor :	5
Date & Time Acquired ::	2018-11-02 20:39:49	DataFile Name :	038SMPL_P7110218.D

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zinc	66-2	5761	5602	5395	5586	3.28	cps
Zirconium	90-1	4859	5368	5468	5232	6.24	cps
Zirconium	91-1	1117	942	1000	1020	8.74	cps

LB Number :	LB99065	Operator :	Jaswal
Lab Sample ID :	J5769-22DLX5	Instrumnet Name :	P7
Client Sample ID :	FB-10-31-18DL	Dilution Factor :	5
Date & Time Acquired ::	2018-11-02 20:43:24	DataFile Name :	039SMPL_P7110218.D

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	258	467	283	336	33.84	cps
Antimony	121-1	642	858	733	744	14.61	cps
Arsenic	75-2	28	41	37	35	18.97	cps
Barium	135-1	275	267	200	247	16.63	cps
Barium	137-1	517	317	408	414	24.19	cps
Beryllium	9-1	217	172	228	206	14.30	cps
Bismuth	209-1	15573332	15569137	15505489	15549319	0.24	cps
Bismuth	209-2	8113654	8108687	8115970	8112770	0.05	cps
Boron	10-1	7502	7561	7819	7627	2.21	cps
Boron	11-1	36086	36554	35426	36022	1.57	cps
Cadmium	111-1	1540	1622	1638	1600	3.30	cps
Cadmium	106-1	7361	7277	7644	7427	2.59	cps
Cadmium	108-1	58	54	46	53	12.06	cps
Calcium	43-1	767	833	708	770	8.13	cps
Calcium	44-1	23647	23321	23906	23625	1.24	cps
Chromium	52-2	573	553	623	583	6.18	cps
Cobalt	59-2	150	123	120	131	12.54	cps
Copper	63-2	940	937	963	947	1.53	cps
Dysprosium	156-1	17	33	17	22	43.28	cps
Dysprosium	156-2	13	17	23	18	28.64	cps
Erbium	164-1	100	117	67	94	26.96	cps
Erbium	164-2	37	43	43	41	9.35	cps
Gadolinium	160-1	133	183	175	164	16.34	cps
Gadolinium	160-2	327	330	373	343	7.58	cps
Holmium	165-1	21825831	21657748	21540797	21674792	0.66	cps
Holmium	165-2	10280184	10383316	10324315	10329272	0.50	cps
Indium	115-1	16089558	15961218	15944621	15998466	0.50	cps
Indium	115-2	2822036	2842509	2818682	2827742	0.46	cps
Iron	56-2	8114	8241	8208	8188	0.81	cps
Iron	57-2	239	289	283	270	10.14	cps
Krypton	83-1	823	877	777	826	6.06	cps
Lead	206-1	1461	1372	1283	1372	6.48	cps
Lead	207-1	1311	1206	1067	1195	10.26	cps
Lead	208-1	5534	5356	5239	5377	2.76	cps
Lithium	6-1	5746855	5712848	5738186	5732630	0.31	cps
Magnesium	24-2	850	908	758	839	9.01	cps

LB Number :	LB99065	Operator :	Jaswal
Lab Sample ID :	J5769-22DLX5	Instrumnet Name :	P7
Client Sample ID :	FB-10-31-18DL	Dilution Factor :	5
Date & Time Acquired ::	2018-11-02 20:43:24	DataFile Name :	039SMPL_P7110218.D

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	163	173	147	161	8.36	cps
Molybdenum	94-1	1075	892	1008	992	9.36	cps
Molybdenum	95-1	1075	917	917	970	9.43	cps
Molybdenum	96-1	1075	1217	1208	1167	6.81	cps
Molybdenum	97-1	633	583	558	592	6.45	cps
Molybdenum	98-1	1984	1475	1425	1628	18.98	cps
Neodymium	150-1	20	7	27	18	57.27	cps
Neodymium	150-2	7	13	7	9	43.25	cps
Nickel	60-2	147	180	170	166	10.33	cps
Phosphorus	31-2	217	217	100	178	37.89	cps
Potassium	39-2	24446	23787	24229	24154	1.39	cps
Rhodium	103-1	14859630	14817760	14816077	14831156	0.17	cps
Rhodium	103-2	6701052	6720871	6711049	6710991	0.15	cps
Scandium	45-1	9719477	9728390	9665263	9704377	0.35	cps
Scandium	45-2	372416	376513	375498	374809	0.57	cps
Selenium	77-2	17	20	20	19	10.18	cps
Selenium	78-2	76	67	76	73	7.34	cps
Selenium	82-1	290	232	327	283	16.93	cps
Silicon	28-1	267026	263432	262228	264229	0.94	cps
Silver	109-1	525	442	483	483	8.62	cps
Silver	107-1	442	600	425	489	19.76	cps
Sodium	23-2	23319	23678	22776	23258	1.95	cps
Strontium	86-1	1550	1609	1508	1556	3.23	cps
Strontium	88-1	2059	1850	1917	1942	5.48	cps
Sulfur	34-1	478331	487791	485428	483850	1.02	cps
Terbium	159-1	22271528	22015274	21837287	22041363	0.99	cps
Terbium	159-2	10108753	10167167	10093362	10123094	0.38	cps
Thallium	203-1	900	750	892	847	9.95	cps
Thallium	205-1	2225	2217	2025	2156	5.25	cps
Thorium	232-1	250	144	189	194	27.26	cps
Tin	118-1	1508	1700	1709	1639	6.91	cps
Titanium	47-1	300	192	300	264	23.70	cps
Uranium	238-1	700	542	483	575	19.50	cps
Vanadium	51-2	67	63	37	56	29.59	cps
Yttrium	89-1	15837331	15758384	15678910	15758208	0.50	cps
Yttrium	89-2	2018378	2031864	2013332	2021191	0.47	cps

LB Number :	LB99065	Operator :	Jaswal
Lab Sample ID :	J5769-22DLX5	Instrumnet Name :	P7
Client Sample ID :	FB-10-31-18DL	Dilution Factor :	5
Date & Time Acquired ::	2018-11-02 20:43:24	DataFile Name :	039SMPL_P7110218.D

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zinc	66-2	3086	3055	3309	3150	4.41	cps
Zirconium	90-1	1325	1192	1033	1183	12.34	cps
Zirconium	91-1	292	217	325	278	19.97	cps

LB Number :	LB99065	Operator :	Jaswal
Lab Sample ID :	J5780-01DLX5	Instrumnet Name :	P7
Client Sample ID :	CPS07381DL	Dilution Factor :	5
Date & Time Acquired ::	2018-11-02 20:46:59	DataFile Name :	040SMPL_P7110218.D

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	1117	1309	1509	1312	14.95	cps
Antimony	121-1	8636	8636	8386	8553	1.69	cps
Arsenic	75-2	4258	4278	4303	4280	0.52	cps
Barium	135-1	63462	64241	64098	63934	0.65	cps
Barium	137-1	110403	109958	110563	110308	0.28	cps
Beryllium	9-1	228	189	194	204	10.33	cps
Bismuth	209-1	15139962	15098259	15163165	15133795	0.22	cps
Bismuth	209-2	7888917	7825971	7797469	7837452	0.60	cps
Boron	10-1	12681	13165	12914	12920	1.87	cps
Boron	11-1	58573	59058	58657	58763	0.44	cps
Cadmium	111-1	1694	1650	1663	1669	1.36	cps
Cadmium	106-1	7686	7502	7511	7566	1.37	cps
Cadmium	108-1	50	67	50	56	17.32	cps
Calcium	43-1	724620	727528	721788	724645	0.40	cps
Calcium	44-1	11872872	11791405	11807267	11823848	0.37	cps
Chromium	52-2	1243	1340	1263	1282	3.98	cps
Cobalt	59-2	3767	3761	3664	3731	1.55	cps
Copper	63-2	1390	1493	1350	1411	5.24	cps
Dysprosium	156-1	92	75	58	75	22.22	cps
Dysprosium	156-2	30	57	57	48	32.23	cps
Erbium	164-1	83	158	167	136	33.72	cps
Erbium	164-2	77	87	47	70	29.74	cps
Gadolinium	160-1	342	275	183	267	29.81	cps
Gadolinium	160-2	397	373	400	390	3.73	cps
Holmium	165-1	21285320	21059003	21269746	21204689	0.60	cps
Holmium	165-2	10073429	9992615	9995780	10020608	0.46	cps
Indium	115-1	15677053	15581537	15650938	15636509	0.32	cps
Indium	115-2	2726442	2721724	2741692	2729953	0.38	cps
Iron	56-2	2651154	2656492	2660085	2655910	0.17	cps
Iron	57-2	69503	70201	69587	69763	0.55	cps
Krypton	83-1	803	873	803	827	4.89	cps
Lead	206-1	1589	1561	1500	1550	2.93	cps
Lead	207-1	1317	1356	1217	1296	5.53	cps
Lead	208-1	6173	5978	5867	6006	2.58	cps
Lithium	6-1	5713709	5725121	5723499	5720776	0.11	cps
Magnesium	24-2	513363	515721	517681	515588	0.42	cps

LB Number :	LB99065	Operator :	Jaswal
Lab Sample ID :	J5780-01DLX5	Instrumnet Name :	P7
Client Sample ID :	CPS07381DL	Dilution Factor :	5
Date & Time Acquired ::	2018-11-02 20:46:59	DataFile Name :	040SMPL_P7110218.D

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	208430	206021	205909	206786	0.69	cps
Molybdenum	94-1	1000	942	833	925	9.14	cps
Molybdenum	95-1	783	683	817	761	9.12	cps
Molybdenum	96-1	992	1125	967	1028	8.28	cps
Molybdenum	97-1	500	483	550	511	6.79	cps
Molybdenum	98-1	1367	1108	1208	1228	10.61	cps
Neodymium	150-1	100	140	73	104	32.13	cps
Neodymium	150-2	60	43	47	50	17.64	cps
Nickel	60-2	793	760	653	736	9.94	cps
Phosphorus	31-2	300	300	225	275	15.75	cps
Potassium	39-2	119285	117033	117664	117994	0.98	cps
Rhodium	103-1	14435771	14373088	14349494	14386117	0.31	cps
Rhodium	103-2	6489918	6425880	6473932	6463243	0.52	cps
Scandium	45-1	9536731	9480981	9487224	9501645	0.32	cps
Scandium	45-2	370555	363443	369451	367816	1.04	cps
Selenium	77-2	3	33	33	23	74.24	cps
Selenium	78-2	81	69	98	83	17.96	cps
Selenium	82-1	416	277	393	362	20.57	cps
Silicon	28-1	8346780	8286991	8320154	8317975	0.36	cps
Silver	109-1	833	708	725	756	8.98	cps
Silver	107-1	892	1067	942	967	9.32	cps
Sodium	23-2	607408	606508	609322	607746	0.24	cps
Strontium	86-1	551673	554270	556172	554038	0.41	cps
Strontium	88-1	4832190	4810769	4866541	4836500	0.58	cps
Sulfur	34-1	1371709	1360503	1365269	1365827	0.41	cps
Terbium	159-1	21535148	21556100	21465063	21518770	0.22	cps
Terbium	159-2	9894320	9800462	9822712	9839165	0.50	cps
Thallium	203-1	1383	1033	900	1106	22.58	cps
Thallium	205-1	3392	2384	2409	2728	21.08	cps
Thorium	232-1	428	422	461	437	4.81	cps
Tin	118-1	2417	2142	2409	2323	6.74	cps
Titanium	47-1	825	3049	667	1514	88.01	cps
Uranium	238-1	1075	1192	1158	1142	5.26	cps
Vanadium	51-2	403	500	320	408	22.10	cps
Yttrium	89-1	15428576	15269761	15426425	15374921	0.59	cps
Yttrium	89-2	1956776	1953041	1963368	1957728	0.27	cps

LB Number :	LB99065	Operator :	Jaswal
Lab Sample ID :	J5780-01DLX5	Instrumnet Name :	P7
Client Sample ID :	CPS07381DL	Dilution Factor :	5
Date & Time Acquired ::	2018-11-02 20:46:59	DataFile Name :	040SMPL_P7110218.D

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zinc	66-2	2668	2481	2619	2589	3.76	cps
Zirconium	90-1	1425	1242	1350	1339	6.88	cps
Zirconium	91-1	267	292	300	286	6.06	cps

LB Number :	LB99065	Operator :	Jaswal
Lab Sample ID :	J5780-03DLX5	Instrumnet Name :	P7
Client Sample ID :	CPS073082DL	Dilution Factor :	5
Date & Time Acquired ::	2018-11-02 20:50:34	DataFile Name :	041SMPL_P7110218.D

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	1750	1592	1500	1614	7.84	cps
Antimony	121-1	7811	7569	7436	7605	2.50	cps
Arsenic	75-2	4325	4371	4475	4390	1.75	cps
Barium	135-1	67213	69934	68762	68636	1.99	cps
Barium	137-1	116931	119013	117830	117925	0.89	cps
Beryllium	9-1	150	167	239	185	25.52	cps
Bismuth	209-1	15000435	15177041	15180554	15119343	0.68	cps
Bismuth	209-2	7885422	7887366	7864753	7879181	0.16	cps
Boron	10-1	12589	11797	12180	12189	3.25	cps
Boron	11-1	54834	55762	56297	55631	1.33	cps
Cadmium	111-1	1682	1559	1596	1612	3.90	cps
Cadmium	106-1	7844	7235	7311	7463	4.45	cps
Cadmium	108-1	29	13	29	24	40.76	cps
Calcium	43-1	769340	775589	789224	778051	1.31	cps
Calcium	44-1	12567439	12610037	12705951	12627809	0.56	cps
Chromium	52-2	1307	1343	1343	1331	1.59	cps
Cobalt	59-2	4061	4211	3977	4083	2.90	cps
Copper	63-2	1440	1443	1367	1417	3.06	cps
Dysprosium	156-1	92	108	92	97	9.90	cps
Dysprosium	156-2	40	60	80	60	33.33	cps
Erbium	164-1	192	117	92	133	39.03	cps
Erbium	164-2	50	50	53	51	3.76	cps
Gadolinium	160-1	250	192	167	203	21.09	cps
Gadolinium	160-2	317	313	347	326	5.64	cps
Holmium	165-1	21264705	21297110	21293105	21284973	0.08	cps
Holmium	165-2	10027194	10152986	10052488	10077556	0.66	cps
Indium	115-1	15576472	15732622	15750433	15686509	0.61	cps
Indium	115-2	2726293	2744710	2741564	2737522	0.36	cps
Iron	56-2	2870180	2870844	2853079	2864701	0.35	cps
Iron	57-2	74829	74913	74897	74879	0.06	cps
Krypton	83-1	850	807	760	806	5.59	cps
Lead	206-1	1572	1606	1606	1595	1.21	cps
Lead	207-1	1245	1328	1439	1337	7.30	cps
Lead	208-1	6067	5895	6306	6090	3.39	cps
Lithium	6-1	5658966	5743683	5703997	5702215	0.74	cps
Magnesium	24-2	544558	547976	549268	547268	0.44	cps

LB Number :	LB99065	Operator :	Jaswal
Lab Sample ID :	J5780-03DLX5	Instrumnet Name :	P7
Client Sample ID :	CPS073082DL	Dilution Factor :	5
Date & Time Acquired ::	2018-11-02 20:50:34	DataFile Name :	041SMPL_P7110218.D

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	221653	219282	221539	220825	0.61	cps
Molybdenum	94-1	833	825	767	808	4.49	cps
Molybdenum	95-1	667	675	683	675	1.23	cps
Molybdenum	96-1	975	883	1042	967	8.22	cps
Molybdenum	97-1	375	383	417	392	5.63	cps
Molybdenum	98-1	1192	1050	1125	1122	6.32	cps
Neodymium	150-1	120	120	160	133	17.32	cps
Neodymium	150-2	67	47	57	57	17.65	cps
Nickel	60-2	790	710	710	737	6.27	cps
Phosphorus	31-2	325	242	233	267	19.01	cps
Potassium	39-2	124301	124216	123763	124093	0.23	cps
Rhodium	103-1	14352886	14437131	14479220	14423079	0.45	cps
Rhodium	103-2	6472518	6527656	6469105	6489760	0.51	cps
Scandium	45-1	9426306	9547098	9588177	9520527	0.88	cps
Scandium	45-2	369562	367909	372731	370067	0.66	cps
Selenium	77-2	7	30	13	17	72.11	cps
Selenium	78-2	93	67	74	78	17.17	cps
Selenium	82-1	302	345	440	362	19.50	cps
Silicon	28-1	8914585	8843584	8895224	8884464	0.41	cps
Silver	109-1	717	792	650	720	9.85	cps
Silver	107-1	1000	858	642	833	21.66	cps
Sodium	23-2	638286	647159	644605	643350	0.71	cps
Strontium	86-1	586728	591658	596260	591548	0.81	cps
Strontium	88-1	5140401	5230286	5230784	5200490	1.00	cps
Sulfur	34-1	1423662	1425658	1424998	1424773	0.07	cps
Terbium	159-1	21379032	21668886	21495700	21514539	0.68	cps
Terbium	159-2	9870283	9899772	9817398	9862485	0.42	cps
Thallium	203-1	717	558	583	619	13.74	cps
Thallium	205-1	1525	1508	1609	1547	3.46	cps
Thorium	232-1	422	450	456	443	4.04	cps
Tin	118-1	2234	2325	2167	2242	3.55	cps
Titanium	47-1	875	1033	992	967	8.49	cps
Uranium	238-1	1142	1258	1158	1186	5.32	cps
Vanadium	51-2	410	367	383	387	5.65	cps
Yttrium	89-1	15378217	15602596	15502356	15494390	0.73	cps
Yttrium	89-2	1969196	1971588	1972367	1971050	0.08	cps

LB Number :	LB99065	Operator :	Jaswal
Lab Sample ID :	J5780-03DLX5	Instrumnet Name :	P7
Client Sample ID :	CPS073082DL	Dilution Factor :	5
Date & Time Acquired ::	2018-11-02 20:50:34	DataFile Name :	041SMPL_P7110218.D

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zinc	66-2	3076	3159	3028	3088	2.15	cps
Zirconium	90-1	1383	1517	1442	1447	4.62	cps
Zirconium	91-1	350	400	258	336	21.38	cps

LB Number :	LB99065	Operator :	Jaswal
Lab Sample ID :	J5780-05DLX5	Instrumnet Name :	P7
Client Sample ID :	CPS113081DL	Dilution Factor :	5
Date & Time Acquired ::	2018-11-02 20:54:09	DataFile Name :	042SMPL_P7110218.D

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	1775	1725	1458	1653	10.30	cps
Antimony	121-1	7219	6769	7077	7022	3.28	cps
Arsenic	75-2	380	443	330	384	14.74	cps
Barium	135-1	34293	34828	34753	34625	0.84	cps
Barium	137-1	59136	59730	60859	59908	1.46	cps
Beryllium	9-1	139	117	150	135	12.55	cps
Bismuth	209-1	15329577	15178386	15409070	15305678	0.77	cps
Bismuth	209-2	7887579	7944613	7882430	7904874	0.44	cps
Boron	10-1	16543	17077	16777	16799	1.59	cps
Boron	11-1	78219	77692	79912	78608	1.48	cps
Cadmium	111-1	1616	1467	1658	1580	6.35	cps
Cadmium	106-1	7836	7177	7827	7613	4.96	cps
Cadmium	108-1	79	63	29	57	44.71	cps
Calcium	43-1	332681	330416	334500	332532	0.62	cps
Calcium	44-1	5384302	5354389	5372973	5370555	0.28	cps
Chromium	52-2	1297	1440	1283	1340	6.48	cps
Cobalt	59-2	3207	3697	3310	3405	7.59	cps
Copper	63-2	943	1444	937	1108	26.24	cps
Dysprosium	156-1	283	242	267	264	7.95	cps
Dysprosium	156-2	137	130	107	124	12.66	cps
Erbium	164-1	158	183	117	153	22.04	cps
Erbium	164-2	77	93	87	86	9.81	cps
Gadolinium	160-1	325	350	283	319	10.54	cps
Gadolinium	160-2	383	373	370	376	1.85	cps
Holmium	165-1	21643848	21401856	21539188	21528298	0.56	cps
Holmium	165-2	10138797	10192506	10070099	10133801	0.61	cps
Indium	115-1	15905197	15833038	15962039	15900091	0.41	cps
Indium	115-2	2767791	2786777	2770732	2775100	0.37	cps
Iron	56-2	2942057	3010613	2956698	2969789	1.22	cps
Iron	57-2	75817	76097	75700	75872	0.27	cps
Krypton	83-1	810	790	850	817	3.74	cps
Lead	206-1	1483	1283	1461	1409	7.78	cps
Lead	207-1	1222	1228	1078	1176	7.23	cps
Lead	208-1	5990	5628	5501	5706	4.44	cps
Lithium	6-1	5726306	5738451	5792003	5752253	0.61	cps
Magnesium	24-2	280928	284200	277406	280845	1.21	cps

LB Number :	LB99065	Operator :	Jaswal
Lab Sample ID :	J5780-05DLX5	Instrumnet Name :	P7
Client Sample ID :	CPS113081DL	Dilution Factor :	5
Date & Time Acquired ::	2018-11-02 20:54:09	DataFile Name :	042SMPL_P7110218.D

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	39206	41613	40195	40338	3.00	cps
Molybdenum	94-1	975	808	917	900	9.40	cps
Molybdenum	95-1	800	867	825	831	4.06	cps
Molybdenum	96-1	792	858	983	878	11.09	cps
Molybdenum	97-1	475	608	450	511	16.65	cps
Molybdenum	98-1	1325	1158	1133	1206	8.64	cps
Neodymium	150-1	293	287	273	284	3.58	cps
Neodymium	150-2	113	70	143	109	33.86	cps
Nickel	60-2	247	290	263	267	8.20	cps
Phosphorus	31-2	258	275	200	244	16.11	cps
Potassium	39-2	133690	135144	134153	134329	0.55	cps
Rhodium	103-1	14623589	14635093	14713778	14657487	0.33	cps
Rhodium	103-2	6609039	6659430	6530181	6599550	0.99	cps
Scandium	45-1	9607918	9630267	9682480	9640222	0.40	cps
Scandium	45-2	371120	374884	370397	372134	0.65	cps
Selenium	77-2	20	30	27	26	19.92	cps
Selenium	78-2	107	94	85	96	11.66	cps
Selenium	82-1	334	389	312	345	11.51	cps
Silicon	28-1	6875793	6841627	6840107	6852509	0.29	cps
Silver	109-1	550	600	700	617	12.39	cps
Silver	107-1	792	767	700	753	6.30	cps
Sodium	23-2	287457	291506	289910	289624	0.70	cps
Strontium	86-1	267937	270364	266435	268245	0.74	cps
Strontium	88-1	2323110	2319644	2347741	2330165	0.66	cps
Sulfur	34-1	524107	531831	536529	530822	1.18	cps
Terbium	159-1	21883489	21686104	21956791	21842128	0.64	cps
Terbium	159-2	9935148	9991812	9890800	9939253	0.51	cps
Thallium	203-1	450	550	500	500	10.00	cps
Thallium	205-1	1375	1300	1150	1275	8.99	cps
Thorium	232-1	450	489	572	504	12.40	cps
Tin	118-1	2092	2117	2359	2189	6.73	cps
Titanium	47-1	1569	658	2146	1458	51.45	cps
Uranium	238-1	1283	1142	1167	1197	6.32	cps
Vanadium	51-2	337	390	273	333	17.52	cps
Yttrium	89-1	15677583	15583351	15747344	15669426	0.53	cps
Yttrium	89-2	1991671	2010702	1985290	1995888	0.66	cps

LB Number :	LB99065	Operator :	Jaswal
Lab Sample ID :	J5780-05DLX5	Instrumnet Name :	P7
Client Sample ID :	CPS113081DL	Dilution Factor :	5
Date & Time Acquired ::	2018-11-02 20:54:09	DataFile Name :	042SMPL_P7110218.D

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zinc	66-2	2182	2476	2410	2356	6.56	cps
Zirconium	90-1	1458	1417	1500	1458	2.86	cps
Zirconium	91-1	242	250	433	308	35.14	cps

LB Number :	LB99065	Operator :	Jaswal
Lab Sample ID :	J5780-07DLX5	Instrumnet Name :	P7
Client Sample ID :	CPS133081DL	Dilution Factor :	5
Date & Time Acquired ::	2018-11-02 20:57:43	DataFile Name :	043SMPL_P7110218.D

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	13861	14490	14801	14384	3.33	cps
Antimony	121-1	6569	7102	6585	6752	4.49	cps
Arsenic	75-2	744	882	848	825	8.67	cps
Barium	135-1	60147	61302	63152	61534	2.46	cps
Barium	137-1	105264	107606	107617	106829	1.27	cps
Beryllium	9-1	183	200	106	163	30.93	cps
Bismuth	209-1	15345471	15399775	15508790	15418012	0.54	cps
Bismuth	209-2	8002105	8011787	7881882	7965258	0.91	cps
Boron	10-1	12314	12564	13198	12692	3.59	cps
Boron	11-1	61576	61911	60924	61470	0.82	cps
Cadmium	111-1	1528	1542	1651	1574	4.25	cps
Cadmium	106-1	7536	7394	8078	7669	4.70	cps
Cadmium	108-1	29	17	33	26	32.86	cps
Calcium	43-1	850924	863730	858341	857665	0.75	cps
Calcium	44-1	13833409	13890845	13809549	13844601	0.30	cps
Chromium	52-2	1897	1860	2104	1954	6.72	cps
Cobalt	59-2	1297	1517	1220	1345	11.46	cps
Copper	63-2	3117	3324	3267	3236	3.30	cps
Dysprosium	156-1	525	500	533	519	3.34	cps
Dysprosium	156-2	263	290	213	256	15.23	cps
Erbium	164-1	383	450	492	442	12.37	cps
Erbium	164-2	197	230	197	208	9.26	cps
Gadolinium	160-1	717	583	592	631	11.85	cps
Gadolinium	160-2	543	580	563	562	3.27	cps
Holmium	165-1	21574532	21534853	21603376	21570920	0.16	cps
Holmium	165-2	10194902	10201345	10135390	10177212	0.36	cps
Indium	115-1	16026814	16076909	16094509	16066077	0.22	cps
Indium	115-2	2780694	2773046	2792067	2781936	0.34	cps
Iron	56-2	10847700	10934662	10908264	10896875	0.41	cps
Iron	57-2	269964	270128	269887	269993	0.05	cps
Krypton	83-1	850	787	860	832	4.78	cps
Lead	206-1	2778	3012	2917	2902	4.05	cps
Lead	207-1	2545	2306	2411	2421	4.95	cps
Lead	208-1	11619	11147	11191	11319	2.30	cps
Lithium	6-1	5779805	5802196	5740046	5774016	0.55	cps
Magnesium	24-2	149775	149838	151651	150422	0.71	cps

LB Number :	LB99065	Operator :	Jaswal
Lab Sample ID :	J5780-07DLX5	Instrumnet Name :	P7
Client Sample ID :	CPS133081DL	Dilution Factor :	5
Date & Time Acquired ::	2018-11-02 20:57:43	DataFile Name :	043SMPL_P7110218.D

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	515120	522145	517582	518282	0.69	cps
Molybdenum	94-1	2167	2267	2309	2248	3.24	cps
Molybdenum	95-1	2375	2409	2275	2353	2.95	cps
Molybdenum	96-1	3034	3159	3025	3073	2.43	cps
Molybdenum	97-1	1467	1508	1450	1475	2.04	cps
Molybdenum	98-1	3926	4076	3917	3973	2.24	cps
Neodymium	150-1	847	667	720	744	12.42	cps
Neodymium	150-2	283	333	270	296	11.30	cps
Nickel	60-2	617	610	600	609	1.38	cps
Phosphorus	31-2	750	650	792	731	9.97	cps
Potassium	39-2	89243	88682	88823	88916	0.33	cps
Rhodium	103-1	14637965	14710786	14729498	14692750	0.33	cps
Rhodium	103-2	6591983	6600114	6608775	6600291	0.13	cps
Scandium	45-1	9753660	9725002	9761371	9746677	0.20	cps
Scandium	45-2	374089	375046	372903	374013	0.29	cps
Selenium	77-2	17	17	10	14	26.66	cps
Selenium	78-2	85	94	76	85	10.87	cps
Selenium	82-1	303	375	292	323	13.96	cps
Silicon	28-1	19578885	19590694	19529047	19566209	0.17	cps
Silver	109-1	667	767	692	708	7.35	cps
Silver	107-1	933	892	900	908	2.43	cps
Sodium	23-2	598767	605830	604153	602917	0.61	cps
Strontium	86-1	585212	592906	587154	588424	0.68	cps
Strontium	88-1	5105724	5145705	5155879	5135769	0.52	cps
Sulfur	34-1	520795	515480	518417	518231	0.51	cps
Terbium	159-1	21845723	21999957	21912832	21919504	0.35	cps
Terbium	159-2	10027493	10047903	9949844	10008414	0.52	cps
Thallium	203-1	483	283	375	381	26.31	cps
Thallium	205-1	900	783	750	811	9.71	cps
Thorium	232-1	2084	2300	2195	2193	4.94	cps
Tin	118-1	2417	2575	2650	2548	4.68	cps
Titanium	47-1	5791	3318	15510	8206	78.54	cps
Uranium	238-1	2192	1909	1975	2025	7.32	cps
Vanadium	51-2	877	1033	837	916	11.35	cps
Yttrium	89-1	15849730	15866855	15890731	15869105	0.13	cps
Yttrium	89-2	1990689	1996499	2006190	1997793	0.39	cps

LB Number :	LB99065	Operator :	Jaswal
Lab Sample ID :	J5780-07DLX5	Instrumnet Name :	P7
Client Sample ID :	CPS133081DL	Dilution Factor :	5
Date & Time Acquired ::	2018-11-02 20:57:43	DataFile Name :	043SMPL_P7110218.D

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zinc	66-2	2705	2807	2826	2779	2.35	cps
Zirconium	90-1	2467	2492	2642	2534	3.74	cps
Zirconium	91-1	725	542	575	614	15.91	cps

LB Number :	LB99065	Operator :	Jaswal
Lab Sample ID :	CCV96	Instrumnet Name :	P7
Client Sample ID :	CCV96	Dilution Factor :	1
Date & Time Acquired ::	2018-11-02 21:08:30	DataFile Name :	046CCV_P7110218.D

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	8343916	8383799	8440636	8389450	0.58	cps
Antimony	121-1	7329721	7362062	7360513	7350765	0.25	cps
Arsenic	75-2	235775	237440	240255	237823	0.95	cps
Barium	135-1	9680848	9688644	9809139	9726210	0.74	cps
Barium	137-1	16822746	16899322	16990586	16904218	0.50	cps
Beryllium	9-1	2350130	2351921	2362210	2354754	0.28	cps
Bismuth	209-1	12956024	12837427	12948864	12914105	0.51	cps
Bismuth	209-2	6702932	6743732	6763351	6736672	0.46	cps
Boron	10-1	390320	397321	402991	396877	1.60	cps
Boron	11-1	1790126	1808919	1853344	1817463	1.79	cps
Cadmium	111-1	2218136	2218736	2233050	2223307	0.38	cps
Cadmium	106-1	265520	263458	265053	264677	0.41	cps
Cadmium	108-1	176909	177251	179296	177819	0.73	cps
Calcium	43-1	12074369	11995545	12124453	12064789	0.54	cps
Calcium	44-1	195232067	194457471	195961888	195217142	0.39	cps
Chromium	52-2	2280231	2285537	2311519	2292429	0.73	cps
Cobalt	59-2	3633001	3655973	3692068	3660347	0.81	cps
Copper	63-2	5104845	5135354	5158784	5132994	0.53	cps
Dysprosium	156-1	275	258	275	269	3.57	cps
Dysprosium	156-2	223	177	147	182	21.20	cps
Erbium	164-1	142	150	92	128	24.69	cps
Erbium	164-2	70	60	40	57	26.96	cps
Gadolinium	160-1	200	233	242	225	9.80	cps
Gadolinium	160-2	340	310	357	336	7.05	cps
Holmium	165-1	20417248	20093117	20213269	20241212	0.81	cps
Holmium	165-2	9750452	9718925	9796426	9755268	0.40	cps
Indium	115-1	13872621	13821048	13915567	13869745	0.34	cps
Indium	115-2	2536026	2565776	2568994	2556932	0.71	cps
Iron	56-2	474885711	474767088	477299033	475650611	0.30	cps
Iron	57-2	11622930	11623299	11686763	11644331	0.32	cps
Krypton	83-1	827	847	997	890	10.44	cps
Lead	206-1	7307691	7222715	7300978	7277128	0.65	cps
Lead	207-1	6469781	6477892	6564972	6504215	0.81	cps
Lead	208-1	29399898	29243279	29573550	29405576	0.56	cps
Lithium	6-1	5318048	5218443	5261778	5266090	0.95	cps
Magnesium	24-2	89787727	90589167	91052644	90476512	0.71	cps

LB Number :	LB99065	Operator :	Jaswal
Lab Sample ID :	CCV96	Instrumnet Name :	P7
Client Sample ID :	CCV96	Dilution Factor :	1
Date & Time Acquired ::	2018-11-02 21:08:30	DataFile Name :	046CCV_P7110218.D

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	2619572	2640210	2649321	2636368	0.58	cps
Molybdenum	94-1	15702849	15550914	15652391	15635385	0.49	cps
Molybdenum	95-1	19182109	19151494	19127257	19153620	0.14	cps
Molybdenum	96-1	21362519	21261241	21302749	21308836	0.24	cps
Molybdenum	97-1	11903919	11917357	11936772	11919349	0.14	cps
Molybdenum	98-1	30884733	30818187	30979889	30894270	0.26	cps
Neodymium	150-1	973	1173	1153	1100	10.01	cps
Neodymium	150-2	130	140	103	124	15.23	cps
Nickel	60-2	973213	975444	981121	976593	0.42	cps
Phosphorus	31-2	89560	91664	91623	90949	1.32	cps
Potassium	39-2	38731016	38831958	39245463	38936146	0.70	cps
Rhodium	103-1	12330949	12196584	12257696	12261743	0.55	cps
Rhodium	103-2	5630708	5660325	5654021	5648351	0.28	cps
Scandium	45-1	9089657	8967090	9085778	9047508	0.77	cps
Scandium	45-2	365972	365208	368623	366601	0.49	cps
Selenium	77-2	6928	6802	6845	6858	0.94	cps
Selenium	78-2	22987	22770	22894	22884	0.48	cps
Selenium	82-1	165193	166779	167124	166365	0.62	cps
Silicon	28-1	6011423	6084101	6253492	6116339	2.03	cps
Silver	109-1	9820337	9727981	9807449	9785256	0.51	cps
Silver	107-1	10183829	10244305	10223170	10217101	0.30	cps
Sodium	23-2	173212425	175756366	177754325	175574372	1.30	cps
Strontium	86-1	2516685	2501086	2532279	2516684	0.62	cps
Strontium	88-1	22028333	21904571	22309933	22080945	0.94	cps
Sulfur	34-1	1525874	1517805	1513973	1519217	0.40	cps
Terbium	159-1	20650344	20302522	20537909	20496925	0.87	cps
Terbium	159-2	9479196	9542125	9556764	9526028	0.43	cps
Thallium	203-1	8990528	8924847	8945945	8953773	0.37	cps
Thallium	205-1	21761297	21504214	21610868	21625460	0.60	cps
Thorium	232-1	32972129	32640779	33107654	32906854	0.73	cps
Tin	118-1	6484942	6477946	6520600	6494496	0.35	cps
Titanium	47-1	5507734	5451650	5516030	5491805	0.64	cps
Uranium	238-1	32315541	32090343	32583575	32329820	0.76	cps
Vanadium	51-2	1775177	1769121	1792139	1778812	0.67	cps
Yttrium	89-1	14483644	14350881	14577726	14470751	0.79	cps
Yttrium	89-2	1923418	1944517	1946869	1938268	0.67	cps

LB Number :	LB99065	Operator :	Jaswal
Lab Sample ID :	CCV96	Instrumnet Name :	P7
Client Sample ID :	CCV96	Dilution Factor :	1
Date & Time Acquired ::	2018-11-02 21:08:30	DataFile Name :	046CCV_P7110218.D

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zinc	66-2	772787	778846	785691	779108	0.83	cps
Zirconium	90-1	13186865	12962109	13172861	13107279	0.96	cps
Zirconium	91-1	2925287	2905949	2911939	2914392	0.34	cps

LB Number :	LB99065	Operator :	Jaswal
Lab Sample ID :	CCB96	Instrumnet Name :	P7
Client Sample ID :	CCB96	Dilution Factor :	1
Date & Time Acquired ::	2018-11-02 21:12:16	DataFile Name :	047CCBE_P7110218.D

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	492	492	558	514	7.49	cps
Antimony	121-1	5576	5685	5518	5593	1.51	cps
Arsenic	75-2	39	35	37	37	4.99	cps
Barium	135-1	583	375	375	444	27.06	cps
Barium	137-1	1025	933	825	928	10.79	cps
Beryllium	9-1	344	272	344	320	13.02	cps
Bismuth	209-1	15934191	15932580	15755113	15873961	0.65	cps
Bismuth	209-2	8389525	8365562	8318853	8357980	0.43	cps
Boron	10-1	12389	11738	11213	11780	5.00	cps
Boron	11-1	55671	53036	49658	52788	5.71	cps
Cadmium	111-1	1916	1876	1785	1859	3.62	cps
Cadmium	106-1	8128	8078	8078	8094	0.36	cps
Cadmium	108-1	38	50	50	46	15.75	cps
Calcium	43-1	867	633	792	764	15.59	cps
Calcium	44-1	26502	27203	26694	26800	1.35	cps
Chromium	52-2	430	517	553	500	12.67	cps
Cobalt	59-2	227	143	160	177	24.96	cps
Copper	63-2	810	790	793	798	1.34	cps
Dysprosium	156-1	17	25	25	22	21.64	cps
Dysprosium	156-2	13	17	20	17	20.01	cps
Erbium	164-1	67	75	42	61	28.38	cps
Erbium	164-2	43	27	30	33	26.45	cps
Gadolinium	160-1	133	192	142	156	20.28	cps
Gadolinium	160-2	330	360	347	346	4.35	cps
Holmium	165-1	22077698	22176172	22029562	22094477	0.34	cps
Holmium	165-2	10772596	10749924	10648723	10723748	0.62	cps
Indium	115-1	16594304	16569555	16451523	16538461	0.46	cps
Indium	115-2	2979592	2974056	2972346	2975331	0.13	cps
Iron	56-2	22050	20620	20159	20943	4.71	cps
Iron	57-2	572	572	633	593	5.95	cps
Krypton	83-1	813	960	953	909	9.11	cps
Lead	206-1	1806	1978	1756	1846	6.31	cps
Lead	207-1	1700	1550	1661	1637	4.76	cps
Lead	208-1	7329	7657	7173	7386	3.34	cps
Lithium	6-1	6130897	6158491	6127547	6138978	0.28	cps
Magnesium	24-2	3267	3025	3167	3153	3.85	cps

LB Number :	LB99065	Operator :	Jaswal
Lab Sample ID :	CCB96	Instrumnet Name :	P7
Client Sample ID :	CCB96	Dilution Factor :	1
Date & Time Acquired ::	2018-11-02 21:12:16	DataFile Name :	047CCBE_P7110218.D

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	180	210	133	174	22.15	cps
Molybdenum	94-1	3100	2817	2709	2875	7.04	cps
Molybdenum	95-1	4584	3842	3376	3934	15.49	cps
Molybdenum	96-1	4951	4292	3692	4312	14.60	cps
Molybdenum	97-1	2775	2434	2217	2475	11.37	cps
Molybdenum	98-1	7269	6102	5276	6216	16.11	cps
Neodymium	150-1	13	13	0	9	86.60	cps
Neodymium	150-2	20	3	17	13	66.16	cps
Nickel	60-2	133	153	170	152	12.06	cps
Phosphorus	31-2	183	167	267	206	26.06	cps
Potassium	39-2	27585	27919	28528	28011	1.71	cps
Rhodium	103-1	15345541	15341896	15290915	15326117	0.20	cps
Rhodium	103-2	7038490	7008087	6975395	7007324	0.45	cps
Scandium	45-1	10246014	10268879	10294903	10269932	0.24	cps
Scandium	45-2	401529	402350	401836	401905	0.10	cps
Selenium	77-2	13	17	13	14	13.35	cps
Selenium	78-2	70	67	98	78	21.95	cps
Selenium	82-1	388	173	215	259	44.03	cps
Silicon	28-1	304584	295566	287565	295905	2.88	cps
Silver	109-1	1008	917	933	953	5.13	cps
Silver	107-1	1242	1225	1158	1208	3.65	cps
Sodium	23-2	42545	40990	39453	40996	3.77	cps
Strontium	86-1	1450	1375	1650	1492	9.53	cps
Strontium	88-1	2125	2100	2000	2075	3.19	cps
Sulfur	34-1	575474	569378	569355	571402	0.62	cps
Terbium	159-1	22616086	22674275	22417601	22569320	0.60	cps
Terbium	159-2	10506300	10469098	10453818	10476405	0.26	cps
Thallium	203-1	2209	2234	2025	2156	5.28	cps
Thallium	205-1	5643	5035	4709	5129	9.24	cps
Thorium	232-1	5090	4601	4334	4675	8.20	cps
Tin	118-1	2142	1967	2025	2045	4.36	cps
Titanium	47-1	450	375	400	408	9.35	cps
Uranium	238-1	1442	1483	1509	1478	2.28	cps
Vanadium	51-2	97	87	63	82	20.81	cps
Yttrium	89-1	16418781	16440199	16201722	16353567	0.81	cps
Yttrium	89-2	2143494	2151286	2164851	2153210	0.50	cps

LB Number :	LB99065	Operator :	Jaswal
Lab Sample ID :	CCB96	Instrumnet Name :	P7
Client Sample ID :	CCB96	Dilution Factor :	1
Date & Time Acquired ::	2018-11-02 21:12:16	DataFile Name :	047CCBE_P7110218.D

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zinc	66-2	1116	1076	1238	1143	7.37	cps
Zirconium	90-1	2109	2017	1992	2039	3.01	cps
Zirconium	91-1	500	450	408	453	10.14	cps

LB Number :	LB99065	Operator :	Jaswal
Lab Sample ID :	J5780-07DUPDLX5	Instrumnet Name :	P7
Client Sample ID :	CPS133081DUPDL	Dilution Factor :	5
Date & Time Acquired ::	2018-11-02 21:15:50	DataFile Name :	048SMPL_P7110218.D

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	12608	13635	15362	13869	10.03	cps
Antimony	121-1	18713	18705	17178	18199	4.86	cps
Arsenic	75-2	924	859	946	910	4.97	cps
Barium	135-1	63598	63052	64292	63647	0.98	cps
Barium	137-1	111630	109228	113674	111511	2.00	cps
Beryllium	9-1	1196	361	300	619	80.84	cps
Bismuth	209-1	15733282	15535225	15636825	15635110	0.63	cps
Bismuth	209-2	8052711	8023914	8037711	8038112	0.18	cps
Boron	10-1	16401	16451	16468	16440	0.21	cps
Boron	11-1	79495	76745	77147	77796	1.91	cps
Cadmium	111-1	2293	2109	2324	2242	5.19	cps
Cadmium	106-1	7602	7786	7903	7764	1.95	cps
Cadmium	108-1	117	75	75	89	27.07	cps
Calcium	43-1	908769	903982	909750	907500	0.34	cps
Calcium	44-1	14808855	14666603	14704533	14726664	0.50	cps
Chromium	52-2	1947	2014	2000	1987	1.78	cps
Cobalt	59-2	1400	1497	1430	1442	3.43	cps
Copper	63-2	2794	2550	2500	2615	6.00	cps
Dysprosium	156-1	567	500	483	517	8.53	cps
Dysprosium	156-2	290	243	303	279	11.30	cps
Erbium	164-1	450	408	450	436	5.52	cps
Erbium	164-2	223	167	237	209	17.79	cps
Gadolinium	160-1	658	608	633	633	3.95	cps
Gadolinium	160-2	517	550	617	561	9.07	cps
Holmium	165-1	22142046	21939356	22244296	22108566	0.70	cps
Holmium	165-2	10429824	10420810	10359229	10403288	0.37	cps
Indium	115-1	16483465	16414984	16639029	16512493	0.70	cps
Indium	115-2	2865335	2868201	2876757	2870098	0.21	cps
Iron	56-2	11435014	11332262	11364446	11377241	0.46	cps
Iron	57-2	281920	280488	280686	281031	0.28	cps
Krypton	83-1	937	877	987	933	5.90	cps
Lead	206-1	10158	3517	3867	5847	63.91	cps
Lead	207-1	8650	2689	3284	4874	67.36	cps
Lead	208-1	38651	13831	14954	22479	62.36	cps
Lithium	6-1	6129723	6090430	6198808	6139654	0.89	cps
Magnesium	24-2	162279	162699	160720	161899	0.64	cps

LB Number :	LB99065	Operator :	Jaswal
Lab Sample ID :	J5780-07DUPDLX5	Instrumnet Name :	P7
Client Sample ID :	CPS133081DUPDL	Dilution Factor :	5
Date & Time Acquired ::	2018-11-02 21:15:50	DataFile Name :	048SMPL_P7110218.D

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	542592	544902	542701	543399	0.24	cps
Molybdenum	94-1	5455	3234	6416	5035	32.42	cps
Molybdenum	95-1	5890	3376	7277	5514	35.86	cps
Molybdenum	96-1	6063	3984	8072	6040	33.84	cps
Molybdenum	97-1	4172	2142	4021	3445	32.83	cps
Molybdenum	98-1	7281	5326	9340	7316	27.44	cps
Neodymium	150-1	773	807	767	782	2.74	cps
Neodymium	150-2	260	327	280	289	11.84	cps
Nickel	60-2	603	533	490	542	10.55	cps
Phosphorus	31-2	850	942	1000	931	8.13	cps
Potassium	39-2	100145	99752	99884	99927	0.20	cps
Rhodium	103-1	15116224	14991608	15294676	15134170	1.01	cps
Rhodium	103-2	6842866	6797217	6782428	6807503	0.46	cps
Scandium	45-1	10305552	10145150	10276310	10242337	0.83	cps
Scandium	45-2	392174	397757	394672	394867	0.71	cps
Selenium	77-2	13	20	0	11	91.66	cps
Selenium	78-2	87	83	80	83	4.45	cps
Selenium	82-1	378	441	317	379	16.32	cps
Silicon	28-1	21755459	20909735	21225405	21296866	2.01	cps
Silver	109-1	5218	4351	5633	5067	12.91	cps
Silver	107-1	5335	4985	6827	5716	17.12	cps
Sodium	23-2	678744	680447	675130	678107	0.40	cps
Strontium	86-1	608673	604401	615198	609424	0.89	cps
Strontium	88-1	5277402	5290099	5352985	5306829	0.76	cps
Sulfur	34-1	604162	595109	590397	596556	1.17	cps
Terbium	159-1	22469012	22306164	22552280	22442485	0.56	cps
Terbium	159-2	10201883	10214605	10188763	10201750	0.13	cps
Thallium	203-1	13460	3934	3109	6834	84.17	cps
Thallium	205-1	32800	9662	7987	16816	82.47	cps
Thorium	232-1	19888	5101	5302	10097	83.98	cps
Tin	118-1	4068	3626	3617	3770	6.83	cps
Titanium	47-1	8650	4811	4313	5925	40.05	cps
Uranium	238-1	17284	2384	2926	7531	112.20	cps
Vanadium	51-2	873	927	910	903	3.02	cps
Yttrium	89-1	16418406	16320672	16597627	16445568	0.85	cps
Yttrium	89-2	2094553	2089613	2078492	2087553	0.39	cps

LB Number :	LB99065	Operator :	Jaswal
Lab Sample ID :	J5780-07DUPDLX5	Instrumnet Name :	P7
Client Sample ID :	CPS133081DUPDL	Dilution Factor :	5
Date & Time Acquired ::	2018-11-02 21:15:50	DataFile Name :	048SMPL_P7110218.D

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zinc	66-2	3007	2955	2789	2917	3.90	cps
Zirconium	90-1	5395	3409	7603	5469	38.36	cps
Zirconium	91-1	1309	667	1276	1084	33.35	cps

LB Number :	LB99065	Operator :	Jaswal
Lab Sample ID :	J5780-07LDLX25	Instrumnet Name :	P7
Client Sample ID :	CPS133081LDL	Dilution Factor :	25
Date & Time Acquired ::	2018-11-02 21:19:24	DataFile Name :	049SMPL_P7110218.D

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	2992	3785	3829	3536	13.32	cps
Antimony	121-1	2084	1817	2050	1984	7.33	cps
Arsenic	75-2	206	176	220	201	11.28	cps
Barium	135-1	13182	13440	12781	13134	2.53	cps
Barium	137-1	21676	22361	22502	22180	1.99	cps
Beryllium	9-1	206	94	150	150	37.04	cps
Bismuth	209-1	16008661	16065136	15806064	15959954	0.85	cps
Bismuth	209-2	8443444	8384439	8322522	8383468	0.72	cps
Boron	10-1	6902	7352	7694	7316	5.43	cps
Boron	11-1	33355	34858	34716	34309	2.42	cps
Cadmium	111-1	1685	1656	1765	1702	3.31	cps
Cadmium	106-1	8028	7819	8044	7964	1.58	cps
Cadmium	108-1	29	29	33	31	7.86	cps
Calcium	43-1	180302	181173	180733	180736	0.24	cps
Calcium	44-1	2917555	2921701	2892508	2910588	0.54	cps
Chromium	52-2	793	807	773	791	2.12	cps
Cobalt	59-2	377	343	310	343	9.71	cps
Copper	63-2	867	783	830	827	5.05	cps
Dysprosium	156-1	208	175	125	169	24.75	cps
Dysprosium	156-2	50	57	60	56	9.17	cps
Erbium	164-1	233	167	142	181	26.25	cps
Erbium	164-2	83	97	80	87	10.18	cps
Gadolinium	160-1	308	208	217	244	22.70	cps
Gadolinium	160-2	357	397	430	394	9.31	cps
Holmium	165-1	22425060	22561070	22316472	22434201	0.55	cps
Holmium	165-2	10856625	10812888	10709670	10793061	0.70	cps
Indium	115-1	16774588	16846123	16795116	16805276	0.22	cps
Indium	115-2	3001390	3006575	3007128	3005031	0.11	cps
Iron	56-2	2292763	2285192	2277080	2285012	0.34	cps
Iron	57-2	57892	57931	56766	57530	1.15	cps
Krypton	83-1	857	947	790	864	9.09	cps
Lead	206-1	1467	1572	1445	1495	4.57	cps
Lead	207-1	1283	1272	1445	1333	7.23	cps
Lead	208-1	6006	6123	6162	6097	1.33	cps
Lithium	6-1	6178903	6203699	6190601	6191068	0.20	cps
Magnesium	24-2	32929	33664	32929	33174	1.28	cps

LB Number : LB99065 Operator : Jaswal
 Lab Sample ID : J5780-07LDLX25 Instrumnet Name : P7
 Client Sample ID : CPS133081LDL Dilution Factor : 25
 Date & Time Acquired :: 2018-11-02 21:19:24 DataFile Name : 049SMPL_P7110218.D

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	111851	111109	109547	110836	1.06	cps
Molybdenum	94-1	1050	1192	1067	1103	7.02	cps
Molybdenum	95-1	1058	1050	942	1017	6.40	cps
Molybdenum	96-1	1333	1217	1117	1222	8.87	cps
Molybdenum	97-1	550	583	725	619	15.00	cps
Molybdenum	98-1	1775	1550	1508	1611	8.90	cps
Neodymium	150-1	227	193	187	202	10.60	cps
Neodymium	150-2	67	70	67	68	2.84	cps
Nickel	60-2	227	223	213	221	3.14	cps
Phosphorus	31-2	375	417	183	325	38.29	cps
Potassium	39-2	42295	41284	41668	41749	1.22	cps
Rhodium	103-1	15596852	15619170	15526701	15580908	0.31	cps
Rhodium	103-2	7105436	7097522	7121161	7108040	0.17	cps
Scandium	45-1	10482837	10471461	10410585	10454961	0.37	cps
Scandium	45-2	413556	410202	407461	410406	0.74	cps
Selenium	77-2	7	10	3	7	50.03	cps
Selenium	78-2	80	113	87	93	18.78	cps
Selenium	82-1	308	274	392	324	18.61	cps
Silicon	28-1	4372247	4361074	4446445	4393255	1.06	cps
Silver	109-1	875	808	900	861	5.50	cps
Silver	107-1	992	775	1017	928	14.33	cps
Sodium	23-2	156778	153545	155373	155232	1.04	cps
Strontium	86-1	122300	123309	121973	122528	0.57	cps
Strontium	88-1	1064034	1059450	1051424	1058303	0.60	cps
Sulfur	34-1	586257	585157	584286	585233	0.17	cps
Terbium	159-1	23081974	22931565	22771492	22928344	0.68	cps
Terbium	159-2	10698134	10634343	10548387	10626955	0.71	cps
Thallium	203-1	517	517	433	489	9.84	cps
Thallium	205-1	1467	1133	1225	1275	13.51	cps
Thorium	232-1	1550	1617	1706	1624	4.81	cps
Tin	118-1	1425	1217	1350	1331	7.93	cps
Titanium	47-1	2324	942	1601	1622	42.61	cps
Uranium	238-1	750	683	750	728	5.29	cps
Vanadium	51-2	240	237	217	231	5.46	cps
Yttrium	89-1	16772450	16775747	16610906	16719701	0.56	cps
Yttrium	89-2	2182585	2183308	2168640	2178177	0.38	cps

LB Number :	LB99065	Operator :	Jaswal
Lab Sample ID :	J5780-07LDLX25	Instrumnet Name :	P7
Client Sample ID :	CPS133081LDL	Dilution Factor :	25
Date & Time Acquired ::	2018-11-02 21:19:24	DataFile Name :	049SMPL_P7110218.D

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zinc	66-2	1356	1534	1481	1457	6.29	cps
Zirconium	90-1	2151	2017	1959	2042	4.82	cps
Zirconium	91-1	417	350	383	383	8.70	cps

LB Number :	LB99065	Operator :	Jaswal
Lab Sample ID :	J5780-07MSDLX5	Instrumnet Name :	P7
Client Sample ID :	CPS133081MSDL	Dilution Factor :	5
Date & Time Acquired ::	2018-11-02 21:22:59	DataFile Name :	050SMPL_P7110218.D

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	355508	361013	353326	356616	1.11	cps
Antimony	121-1	1693252	1677990	1687189	1686143	0.46	cps
Arsenic	75-2	55691	55465	55228	55461	0.42	cps
Barium	135-1	2206139	2196673	2181847	2194886	0.56	cps
Barium	137-1	3824647	3815237	3786260	3808715	0.53	cps
Beryllium	9-1	542183	536585	534355	537708	0.75	cps
Bismuth	209-1	15062713	15084061	15010298	15052357	0.25	cps
Bismuth	209-2	7799970	7755249	7833982	7796400	0.51	cps
Boron	10-1	102287	105165	102765	103406	1.49	cps
Boron	11-1	469177	477700	480521	475799	1.24	cps
Cadmium	111-1	497561	496604	499416	497860	0.29	cps
Cadmium	106-1	65351	64489	65109	64983	0.68	cps
Cadmium	108-1	39555	40132	39037	39575	1.38	cps
Calcium	43-1	1446506	1432552	1433750	1437603	0.54	cps
Calcium	44-1	23335989	23170642	22873212	23126614	1.01	cps
Chromium	52-2	478419	477566	475803	477263	0.28	cps
Cobalt	59-2	816314	816128	813140	815194	0.22	cps
Copper	63-2	1203967	1209940	1207762	1207223	0.25	cps
Dysprosium	156-1	600	525	633	586	9.47	cps
Dysprosium	156-2	323	237	270	277	15.80	cps
Erbium	164-1	517	508	433	486	9.44	cps
Erbium	164-2	203	233	247	228	9.74	cps
Gadolinium	160-1	733	525	567	608	18.12	cps
Gadolinium	160-2	640	550	450	547	17.39	cps
Holmium	165-1	21713739	21711251	21879950	21768313	0.44	cps
Holmium	165-2	10347050	10216342	10272700	10278697	0.64	cps
Indium	115-1	16179341	15981512	16173862	16111572	0.70	cps
Indium	115-2	2828821	2818841	2823577	2823746	0.18	cps
Iron	56-2	31863127	31697013	31590104	31716748	0.43	cps
Iron	57-2	785037	783753	782293	783694	0.18	cps
Krypton	83-1	907	927	1040	958	7.51	cps
Lead	206-1	1627847	1624425	1624093	1625455	0.13	cps
Lead	207-1	1414962	1415293	1427373	1419209	0.50	cps
Lead	208-1	6489989	6470196	6494139	6484775	0.20	cps
Lithium	6-1	6055043	6089857	6044696	6063199	0.39	cps
Magnesium	24-2	4343630	4319163	4338507	4333767	0.30	cps

LB Number :	LB99065	Operator :	Jaswal
Lab Sample ID :	J5780-07MSDLX5	Instrumnet Name :	P7
Client Sample ID :	CPS133081MSDL	Dilution Factor :	5
Date & Time Acquired ::	2018-11-02 21:22:59	DataFile Name :	050SMPL_P7110218.D

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	1113164	1103267	1099014	1105148	0.66	cps
Molybdenum	94-1	3474498	3435058	3442927	3450828	0.60	cps
Molybdenum	95-1	4243240	4231933	4214625	4229933	0.34	cps
Molybdenum	96-1	4699060	4686125	4677430	4687538	0.23	cps
Molybdenum	97-1	2642758	2631013	2625166	2632979	0.34	cps
Molybdenum	98-1	6782110	6757439	6699275	6746275	0.63	cps
Neodymium	150-1	1073	940	1053	1022	7.03	cps
Neodymium	150-2	300	383	280	321	17.07	cps
Nickel	60-2	221545	223726	223348	222873	0.52	cps
Phosphorus	31-2	1025	733	858	872	16.78	cps
Potassium	39-2	1748276	1739104	1738531	1741970	0.31	cps
Rhodium	103-1	14934821	14777435	14909126	14873794	0.57	cps
Rhodium	103-2	6678207	6678328	6617214	6657916	0.53	cps
Scandium	45-1	10163065	10143188	10077461	10127905	0.44	cps
Scandium	45-2	390112	388077	390833	389674	0.37	cps
Selenium	77-2	1767	1703	1547	1672	6.77	cps
Selenium	78-2	5827	5560	5905	5764	3.14	cps
Selenium	82-1	43206	44199	43658	43688	1.14	cps
Silicon	28-1	21810753	21976165	21685566	21824161	0.67	cps
Silver	109-1	2226641	2209854	2225290	2220595	0.42	cps
Silver	107-1	2329096	2317886	2315734	2320906	0.31	cps
Sodium	23-2	8138892	8128669	8268372	8178644	0.95	cps
Strontium	86-1	1158026	1159126	1160153	1159101	0.09	cps
Strontium	88-1	10119806	9991004	9976755	10029189	0.79	cps
Sulfur	34-1	595712	589882	586944	590846	0.76	cps
Terbium	159-1	22195945	22186666	22268731	22217114	0.20	cps
Terbium	159-2	10128530	10007188	10037423	10057714	0.63	cps
Thallium	203-1	2007965	1996452	2005227	2003214	0.30	cps
Thallium	205-1	4827614	4803411	4789109	4806712	0.40	cps
Thorium	232-1	6224	5940	6230	6131	2.70	cps
Tin	118-1	1510789	1508596	1529672	1516352	0.76	cps
Titanium	47-1	1209245	1214413	1205007	1209555	0.39	cps
Uranium	238-1	6732964	6627145	6690782	6683630	0.80	cps
Vanadium	51-2	372638	375010	371584	373077	0.47	cps
Yttrium	89-1	16254269	16203791	16263650	16240570	0.20	cps
Yttrium	89-2	2059566	2056939	2052017	2056174	0.19	cps

LB Number :	LB99065	Operator :	Jaswal
Lab Sample ID :	J5780-07MSDLX5	Instrumnet Name :	P7
Client Sample ID :	CPS133081MSDL	Dilution Factor :	5
Date & Time Acquired ::	2018-11-02 21:22:59	DataFile Name :	050SMPL_P7110218.D

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zinc	66-2	190172	188244	188689	189035	0.53	cps
Zirconium	90-1	2863601	2866350	2855640	2861863	0.19	cps
Zirconium	91-1	644742	634405	634717	637955	0.92	cps

LB Number :	LB99065	Operator :	Jaswal
Lab Sample ID :	J5780-07MSDDLX5	Instrumnet Name :	P7
Client Sample ID :	CPS133081MSDDL	Dilution Factor :	5
Date & Time Acquired ::	2018-11-02 21:26:33	DataFile Name :	051SMPL_P7110218.D

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	353593	353875	355132	354200	0.23	cps
Antimony	121-1	1675503	1696342	1693914	1688586	0.67	cps
Arsenic	75-2	55357	56078	55632	55689	0.65	cps
Barium	135-1	2211263	2210310	2218896	2213489	0.21	cps
Barium	137-1	3852323	3859825	3854832	3855660	0.10	cps
Beryllium	9-1	538459	536954	536542	537318	0.19	cps
Bismuth	209-1	15002610	15165778	15023508	15063965	0.59	cps
Bismuth	209-2	7799567	7816598	7790656	7802274	0.17	cps
Boron	10-1	100306	104217	103956	102826	2.13	cps
Boron	11-1	471774	484304	480820	478966	1.35	cps
Cadmium	111-1	496871	495959	501990	498273	0.65	cps
Cadmium	106-1	66398	64272	65996	65555	1.72	cps
Cadmium	108-1	40094	40136	39050	39760	1.55	cps
Calcium	43-1	1409062	1415736	1412573	1412457	0.24	cps
Calcium	44-1	22845678	22678957	22736018	22753551	0.37	cps
Chromium	52-2	476511	481493	474333	477446	0.77	cps
Cobalt	59-2	814683	815064	815831	815193	0.07	cps
Copper	63-2	1179688	1191574	1178855	1183372	0.60	cps
Dysprosium	156-1	433	592	550	525	15.63	cps
Dysprosium	156-2	297	317	280	298	6.17	cps
Erbium	164-1	425	408	475	436	7.96	cps
Erbium	164-2	243	217	227	229	5.89	cps
Gadolinium	160-1	550	617	633	600	7.35	cps
Gadolinium	160-2	493	530	493	506	4.19	cps
Holmium	165-1	21618904	21773563	21686794	21693087	0.36	cps
Holmium	165-2	10219895	10230197	10271759	10240617	0.27	cps
Indium	115-1	16008504	16032926	16038582	16026671	0.10	cps
Indium	115-2	2774099	2807625	2786547	2789424	0.61	cps
Iron	56-2	31388031	31396306	31316675	31367004	0.14	cps
Iron	57-2	768384	778084	775979	774149	0.66	cps
Krypton	83-1	890	933	837	887	5.46	cps
Lead	206-1	1658981	1660754	1660327	1660021	0.06	cps
Lead	207-1	1439005	1441359	1448253	1442872	0.33	cps
Lead	208-1	6605540	6596911	6630470	6610974	0.26	cps
Lithium	6-1	6051281	6003173	6058255	6037569	0.50	cps
Magnesium	24-2	4268249	4270651	4282648	4273849	0.18	cps

LB Number :	LB99065	Operator :	Jaswal
Lab Sample ID :	J5780-07MSDDLX5	Instrumnet Name :	P7
Client Sample ID :	CPS133081MSDDL	Dilution Factor :	5
Date & Time Acquired ::	2018-11-02 21:26:33	DataFile Name :	051SMPL_P7110218.D

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	1089875	1095307	1085052	1090078	0.47	cps
Molybdenum	94-1	3447618	3447921	3462125	3452555	0.24	cps
Molybdenum	95-1	4210043	4215434	4222848	4216108	0.15	cps
Molybdenum	96-1	4668975	4643790	4665254	4659340	0.29	cps
Molybdenum	97-1	2640601	2635991	2620849	2632480	0.39	cps
Molybdenum	98-1	6767737	6716206	6705073	6729672	0.50	cps
Neodymium	150-1	940	900	1133	991	12.59	cps
Neodymium	150-2	270	277	303	283	6.22	cps
Nickel	60-2	221616	224914	220275	222268	1.07	cps
Phosphorus	31-2	792	883	742	806	8.92	cps
Potassium	39-2	1713250	1732811	1724857	1723640	0.57	cps
Rhodium	103-1	14791693	14787259	14702507	14760486	0.34	cps
Rhodium	103-2	6571790	6632277	6585938	6596668	0.48	cps
Scandium	45-1	9999691	10034761	10056229	10030227	0.28	cps
Scandium	45-2	380165	389082	390587	386611	1.46	cps
Selenium	77-2	1610	1667	1537	1605	4.06	cps
Selenium	78-2	5731	5725	5633	5696	0.97	cps
Selenium	82-1	43572	43481	43431	43495	0.16	cps
Silicon	28-1	21398860	21345949	21247982	21330931	0.36	cps
Silver	109-1	2216224	2220206	2216681	2217704	0.10	cps
Silver	107-1	2307415	2319956	2324722	2317364	0.39	cps
Sodium	23-2	8096529	8116678	8155380	8122862	0.37	cps
Strontium	86-1	1151192	1153629	1146577	1150466	0.31	cps
Strontium	88-1	9981516	9980838	9883000	9948451	0.57	cps
Sulfur	34-1	550001	549409	539255	546222	1.11	cps
Terbium	159-1	22053655	22130401	22247113	22143723	0.44	cps
Terbium	159-2	10060117	10053788	10123130	10079012	0.38	cps
Thallium	203-1	2017081	2016806	2039987	2024624	0.66	cps
Thallium	205-1	4864721	4891327	4900674	4885574	0.38	cps
Thorium	232-1	4795	4734	4568	4699	2.51	cps
Tin	118-1	1512848	1535762	1524290	1524300	0.75	cps
Titanium	47-1	1213181	1198499	1208970	1206883	0.63	cps
Uranium	238-1	6815093	6839983	6884823	6846633	0.52	cps
Vanadium	51-2	370973	370806	372340	371373	0.23	cps
Yttrium	89-1	16051166	16165055	16025811	16080677	0.46	cps
Yttrium	89-2	2022188	2058909	2041843	2040980	0.90	cps

LB Number :	LB99065	Operator :	Jaswal
Lab Sample ID :	J5780-07MSDDLX5	Instrumnet Name :	P7
Client Sample ID :	CPS133081MSDDL	Dilution Factor :	5
Date & Time Acquired ::	2018-11-02 21:26:33	DataFile Name :	051SMPL_P7110218.D

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zinc	66-2	185595	187233	187907	186911	0.64	cps
Zirconium	90-1	2861767	2861051	2881598	2868139	0.41	cps
Zirconium	91-1	638728	638850	634944	637507	0.35	cps

LB Number :	LB99065	Operator :	Jaswal
Lab Sample ID :	J5780-07ADLX5	Instrumnet Name :	P7
Client Sample ID :	CPS133081ADL	Dilution Factor :	5
Date & Time Acquired ::	2018-11-02 21:30:08	DataFile Name :	052SMPL_P7110218.D

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	347721	349657	346339	347906	0.48	cps
Antimony	121-1	1661432	1672283	1650498	1661404	0.66	cps
Arsenic	75-2	54669	53842	54431	54314	0.78	cps
Barium	135-1	2172728	2203730	2172536	2182998	0.82	cps
Barium	137-1	3785165	3829752	3762403	3792440	0.90	cps
Beryllium	9-1	521973	525031	525487	524164	0.36	cps
Bismuth	209-1	15116241	15099071	15080279	15098530	0.12	cps
Bismuth	209-2	7727837	7732713	7687674	7716075	0.32	cps
Boron	10-1	99518	102076	103093	101563	1.81	cps
Boron	11-1	463889	472928	477487	471434	1.47	cps
Cadmium	111-1	483954	490177	489740	487957	0.71	cps
Cadmium	106-1	64599	62907	64087	63864	1.36	cps
Cadmium	108-1	38385	39008	38732	38709	0.81	cps
Calcium	43-1	1395936	1414786	1392322	1401015	0.86	cps
Calcium	44-1	22402457	22666799	22351671	22473642	0.75	cps
Chromium	52-2	466281	467159	464564	466002	0.28	cps
Cobalt	59-2	798546	796856	797709	797704	0.11	cps
Copper	63-2	1167867	1171500	1169890	1169752	0.16	cps
Dysprosium	156-1	533	617	450	533	15.63	cps
Dysprosium	156-2	273	247	287	269	7.58	cps
Erbium	164-1	517	417	608	514	18.66	cps
Erbium	164-2	203	230	250	228	10.28	cps
Gadolinium	160-1	667	525	575	589	12.20	cps
Gadolinium	160-2	580	570	537	562	4.04	cps
Holmium	165-1	21818012	21978817	21800264	21865698	0.45	cps
Holmium	165-2	10228846	10181326	10094783	10168318	0.67	cps
Indium	115-1	15834418	15918852	15954940	15902737	0.39	cps
Indium	115-2	2754741	2779424	2748065	2760743	0.60	cps
Iron	56-2	30929023	30840140	30684664	30817942	0.40	cps
Iron	57-2	763122	763338	761309	762590	0.15	cps
Krypton	83-1	903	830	953	896	6.93	cps
Lead	206-1	1626581	1630678	1622261	1626506	0.26	cps
Lead	207-1	1422879	1422272	1415417	1420189	0.29	cps
Lead	208-1	6485482	6524202	6486602	6498762	0.34	cps
Lithium	6-1	5972179	6019073	5987602	5992951	0.40	cps
Magnesium	24-2	4206692	4226022	4236219	4222978	0.36	cps

LB Number :	LB99065	Operator :	Jaswal
Lab Sample ID :	J5780-07ADLX5	Instrumnet Name :	P7
Client Sample ID :	CPS133081ADL	Dilution Factor :	5
Date & Time Acquired ::	2018-11-02 21:30:08	DataFile Name :	052SMPL_P7110218.D

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	1074548	1074146	1074308	1074334	0.02	cps
Molybdenum	94-1	3379775	3413474	3391038	3394763	0.51	cps
Molybdenum	95-1	4147667	4167113	4131204	4148661	0.43	cps
Molybdenum	96-1	4587547	4614183	4589718	4597149	0.32	cps
Molybdenum	97-1	2571712	2606435	2569826	2582657	0.80	cps
Molybdenum	98-1	6631026	6615777	6539912	6595571	0.74	cps
Neodymium	150-1	1007	1060	967	1011	4.63	cps
Neodymium	150-2	243	303	293	280	11.48	cps
Nickel	60-2	218574	218173	218283	218344	0.09	cps
Phosphorus	31-2	725	933	742	800	14.47	cps
Potassium	39-2	1708043	1695709	1683053	1695602	0.74	cps
Rhodium	103-1	14617783	14595404	14713178	14642122	0.43	cps
Rhodium	103-2	6579248	6545073	6479964	6534762	0.77	cps
Scandium	45-1	9955761	10070591	9896791	9974381	0.89	cps
Scandium	45-2	383954	380270	379159	381128	0.66	cps
Selenium	77-2	1720	1637	1643	1667	2.78	cps
Selenium	78-2	5592	5473	5729	5598	2.29	cps
Selenium	82-1	42651	42463	42169	42427	0.57	cps
Silicon	28-1	21456276	21222340	20861585	21180067	1.41	cps
Silver	109-1	2169711	2186584	2168408	2174901	0.47	cps
Silver	107-1	2274852	2303601	2278979	2285811	0.68	cps
Sodium	23-2	7977603	7989598	7996313	7987838	0.12	cps
Strontium	86-1	1130172	1134732	1127461	1130788	0.32	cps
Strontium	88-1	9792598	9808385	9751475	9784153	0.30	cps
Sulfur	34-1	523527	523019	518073	521540	0.58	cps
Terbium	159-1	22029929	22108594	22051786	22063436	0.18	cps
Terbium	159-2	9950514	10013219	9889222	9950985	0.62	cps
Thallium	203-1	2004657	2006408	1985584	1998883	0.58	cps
Thallium	205-1	4815588	4813798	4770885	4800090	0.53	cps
Thorium	232-1	4017	4045	4023	4029	0.37	cps
Tin	118-1	1496220	1500670	1490714	1495868	0.33	cps
Titanium	47-1	1182540	1193526	1176956	1184341	0.71	cps
Uranium	238-1	6820451	6677246	6699508	6732401	1.14	cps
Vanadium	51-2	363186	362425	362192	362601	0.14	cps
Yttrium	89-1	15963762	15944381	15866918	15925020	0.32	cps
Yttrium	89-2	2019783	2021408	2009085	2016759	0.33	cps

LB Number :	LB99065	Operator :	Jaswal
Lab Sample ID :	J5780-07ADLX5	Instrumnet Name :	P7
Client Sample ID :	CPS133081ADL	Dilution Factor :	5
Date & Time Acquired ::	2018-11-02 21:30:08	DataFile Name :	052SMPL_P7110218.D

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zinc	66-2	183536	186476	183564	184525	0.92	cps
Zirconium	90-1	2786790	2809329	2790564	2795561	0.43	cps
Zirconium	91-1	626649	623894	620166	623570	0.52	cps

LB Number :	LB99065	Operator :	Jaswal
Lab Sample ID :	CCV97	Instrumnet Name :	P7
Client Sample ID :	CCV97	Dilution Factor :	1
Date & Time Acquired ::	2018-11-02 21:33:42	DataFile Name :	053CCV_P7110218.D

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	8503935	8537183	8426575	8489231	0.67	cps
Antimony	121-1	7352606	7420790	7427886	7400427	0.56	cps
Arsenic	75-2	239383	238831	237555	238590	0.39	cps
Barium	135-1	9770154	9829700	9819764	9806539	0.33	cps
Barium	137-1	16982412	17039462	17147521	17056465	0.49	cps
Beryllium	9-1	2367144	2399777	2410095	2392338	0.94	cps
Bismuth	209-1	12902089	13164046	12870130	12978755	1.24	cps
Bismuth	209-2	6699850	6761804	6689268	6716974	0.58	cps
Boron	10-1	397843	405180	417903	406975	2.49	cps
Boron	11-1	1826893	1879593	1908797	1871761	2.22	cps
Cadmium	111-1	2351479	2366329	2371562	2363123	0.44	cps
Cadmium	106-1	277501	276881	279241	277874	0.44	cps
Cadmium	108-1	186968	186737	190047	187917	0.98	cps
Calcium	43-1	12100045	12136872	12208499	12148472	0.45	cps
Calcium	44-1	195417321	196170613	198118217	196568717	0.71	cps
Chromium	52-2	2302102	2308782	2301419	2304101	0.18	cps
Cobalt	59-2	3675414	3688992	3660419	3674942	0.39	cps
Copper	63-2	5236382	5259991	5209691	5235355	0.48	cps
Dysprosium	156-1	250	233	200	228	11.18	cps
Dysprosium	156-2	210	183	183	192	8.01	cps
Erbium	164-1	158	125	158	147	13.07	cps
Erbium	164-2	60	43	43	49	19.69	cps
Gadolinium	160-1	333	225	125	228	45.74	cps
Gadolinium	160-2	347	363	303	338	9.17	cps
Holmium	165-1	20141969	20617649	20431598	20397072	1.18	cps
Holmium	165-2	9808344	9753594	9691141	9751026	0.60	cps
Indium	115-1	13851767	14083193	14011848	13982269	0.85	cps
Indium	115-2	2556914	2565674	2537827	2553472	0.56	cps
Iron	56-2	478631477	478103777	479091355	478608870	0.10	cps
Iron	57-2	11664003	11726997	11699905	11696969	0.27	cps
Krypton	83-1	820	880	850	850	3.53	cps
Lead	206-1	7366314	7438751	7435946	7413670	0.55	cps
Lead	207-1	6575654	6666023	6643927	6628535	0.71	cps
Lead	208-1	29670511	30032377	29912103	29871664	0.62	cps
Lithium	6-1	5305204	5408286	5374691	5362727	0.98	cps
Magnesium	24-2	91039623	91820887	90700900	91187137	0.63	cps

LB Number :	LB99065	Operator :	Jaswal
Lab Sample ID :	CCV97	Instrumnet Name :	P7
Client Sample ID :	CCV97	Dilution Factor :	1
Date & Time Acquired ::	2018-11-02 21:33:42	DataFile Name :	053CCV_P7110218.D

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	2635526	2644532	2640890	2640316	0.17	cps
Molybdenum	94-1	15736359	15839704	15690147	15755403	0.49	cps
Molybdenum	95-1	19287793	19370719	19169711	19276074	0.52	cps
Molybdenum	96-1	21388487	21466714	21444556	21433252	0.19	cps
Molybdenum	97-1	11988246	12063233	12113263	12054914	0.52	cps
Molybdenum	98-1	31134717	31238944	31412181	31261948	0.45	cps
Neodymium	150-1	980	980	1120	1027	7.87	cps
Neodymium	150-2	137	137	87	120	24.06	cps
Nickel	60-2	987220	985757	975998	982992	0.62	cps
Phosphorus	31-2	91698	91564	90541	91268	0.69	cps
Potassium	39-2	39173848	39102432	38848455	39041578	0.44	cps
Rhodium	103-1	12192010	12352064	12268021	12270699	0.65	cps
Rhodium	103-2	5663981	5696351	5604140	5654824	0.83	cps
Scandium	45-1	9010785	9145057	9161438	9105760	0.91	cps
Scandium	45-2	364802	365748	363988	364846	0.24	cps
Selenium	77-2	6712	6955	6678	6782	2.23	cps
Selenium	78-2	23334	23404	23515	23418	0.39	cps
Selenium	82-1	168206	168779	171374	169453	1.00	cps
Silicon	28-1	5974928	6105840	6212778	6097849	1.95	cps
Silver	109-1	10054162	10023941	9994933	10024346	0.30	cps
Silver	107-1	10548948	10576958	10577928	10567945	0.16	cps
Sodium	23-2	178547312	180642008	177943371	179044230	0.79	cps
Strontium	86-1	2510683	2539354	2551842	2533960	0.83	cps
Strontium	88-1	22076624	22150970	22312005	22179866	0.54	cps
Sulfur	34-1	1529201	1522679	1520068	1523983	0.31	cps
Terbium	159-1	20332026	20759253	20643079	20578120	1.07	cps
Terbium	159-2	9479714	9566045	9419741	9488500	0.78	cps
Thallium	203-1	9038309	9104590	9139591	9094164	0.57	cps
Thallium	205-1	21796750	22006372	21984417	21929180	0.53	cps
Thorium	232-1	33435710	33516300	33646081	33532697	0.32	cps
Tin	118-1	6542884	6555867	6584067	6560939	0.32	cps
Titanium	47-1	5521957	5538306	5569402	5543222	0.43	cps
Uranium	238-1	33085254	33073219	32989725	33049399	0.16	cps
Vanadium	51-2	1778952	1791138	1779460	1783183	0.39	cps
Yttrium	89-1	14300654	14593847	14513557	14469353	1.05	cps
Yttrium	89-2	1931120	1945051	1906802	1927657	1.00	cps

LB Number :	LB99065	Operator :	Jaswal
Lab Sample ID :	CCV97	Instrumnet Name :	P7
Client Sample ID :	CCV97	Dilution Factor :	1
Date & Time Acquired ::	2018-11-02 21:33:42	DataFile Name :	053CCV_P7110218.D

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zinc	66-2	803619	807107	806745	805824	0.24	cps
Zirconium	90-1	13104933	13265002	13258301	13209412	0.69	cps
Zirconium	91-1	2918159	2957453	2944658	2940090	0.68	cps

LB Number : LB99065 Operator : Jaswal
 Lab Sample ID : CCB97 Instrumnet Name : P7
 Client Sample ID : CCB97 Dilution Factor : 1
 Date & Time Acquired :: 2018-11-02 21:37:24 DataFile Name : 054CCBE_P7110218.D

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	625	567	475	556	13.61	cps
Antimony	121-1	5535	5118	5126	5260	4.53	cps
Arsenic	75-2	35	44	39	40	11.78	cps
Barium	135-1	683	458	525	556	20.80	cps
Barium	137-1	800	942	833	858	8.63	cps
Beryllium	9-1	333	361	294	330	10.16	cps
Bismuth	209-1	15783668	16253897	15707866	15915143	1.86	cps
Bismuth	209-2	8242236	8372266	8291163	8301888	0.79	cps
Boron	10-1	12714	12255	11338	12103	5.79	cps
Boron	11-1	59551	55662	51974	55729	6.80	cps
Cadmium	111-1	2012	1941	1883	1945	3.34	cps
Cadmium	106-1	8011	8169	7853	8011	1.98	cps
Cadmium	108-1	33	79	54	56	41.31	cps
Calcium	43-1	950	833	783	856	10.00	cps
Calcium	44-1	28923	28063	27412	28133	2.69	cps
Chromium	52-2	513	567	520	533	5.45	cps
Cobalt	59-2	197	223	187	202	9.37	cps
Copper	63-2	820	780	857	819	4.68	cps
Dysprosium	156-1	33	25	25	28	17.31	cps
Dysprosium	156-2	30	17	13	20	44.10	cps
Erbium	164-1	58	83	42	61	34.32	cps
Erbium	164-2	30	43	40	38	18.36	cps
Gadolinium	160-1	258	150	133	181	37.59	cps
Gadolinium	160-2	360	373	270	334	16.81	cps
Holmium	165-1	22153831	22701293	21895646	22250257	1.85	cps
Holmium	165-2	10512790	10829619	10635459	10659290	1.50	cps
Indium	115-1	16422175	16815838	16390789	16542934	1.43	cps
Indium	115-2	2903260	3015338	2959454	2959351	1.89	cps
Iron	56-2	22562	21794	21694	22017	2.16	cps
Iron	57-2	661	650	583	632	6.66	cps
Krypton	83-1	793	930	863	862	7.93	cps
Lead	206-1	1750	1611	1722	1695	4.34	cps
Lead	207-1	1589	1489	1511	1530	3.43	cps
Lead	208-1	7401	7007	6779	7062	4.46	cps
Lithium	6-1	6233444	6326388	6242608	6267480	0.82	cps
Magnesium	24-2	3609	3526	3517	3551	1.43	cps

LB Number : LB99065 Operator : Jaswal
 Lab Sample ID : CCB97 Instrumnet Name : P7
 Client Sample ID : CCB97 Dilution Factor : 1
 Date & Time Acquired :: 2018-11-02 21:37:24 DataFile Name : 054CCBE_P7110218.D

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	243	277	213	244	12.96	cps
Molybdenum	94-1	3417	3367	2484	3089	17.00	cps
Molybdenum	95-1	4468	4126	3792	4129	8.18	cps
Molybdenum	96-1	5118	4659	4276	4684	9.00	cps
Molybdenum	97-1	3092	2734	2309	2712	14.47	cps
Molybdenum	98-1	7869	6227	5718	6605	17.02	cps
Neodymium	150-1	27	27	33	29	13.31	cps
Neodymium	150-2	10	23	3	12	83.33	cps
Nickel	60-2	153	137	157	149	7.20	cps
Phosphorus	31-2	275	258	200	244	16.11	cps
Potassium	39-2	29547	29898	27902	29116	3.66	cps
Rhodium	103-1	15084768	15650635	15132539	15289314	2.05	cps
Rhodium	103-2	6862488	7110770	6935501	6969586	1.83	cps
Scandium	45-1	10184499	10431723	10132186	10249469	1.56	cps
Scandium	45-2	392829	408145	403236	401403	1.95	cps
Selenium	77-2	0	20	13	11	91.66	cps
Selenium	78-2	74	74	76	75	1.44	cps
Selenium	82-1	367	295	212	291	26.66	cps
Silicon	28-1	299610	289824	290262	293232	1.89	cps
Silver	109-1	2017	1875	1775	1889	6.43	cps
Silver	107-1	2200	1867	2175	2081	8.92	cps
Sodium	23-2	41658	40948	38392	40333	4.26	cps
Strontium	86-1	1533	1492	1533	1520	1.58	cps
Strontium	88-1	2292	2142	2392	2275	5.53	cps
Sulfur	34-1	574103	575560	572217	573960	0.29	cps
Terbium	159-1	22449674	23121470	22258566	22609904	2.00	cps
Terbium	159-2	10308872	10718770	10386979	10471540	2.08	cps
Thallium	203-1	2375	2242	1942	2186	10.15	cps
Thallium	205-1	6027	5260	4993	5426	9.89	cps
Thorium	232-1	4879	4612	4590	4694	3.43	cps
Tin	118-1	2050	1875	2142	2022	6.70	cps
Titanium	47-1	400	375	325	367	10.42	cps
Uranium	238-1	1742	1350	1342	1478	15.47	cps
Vanadium	51-2	73	123	73	90	32.08	cps
Yttrium	89-1	16287875	16687626	16169829	16381777	1.66	cps
Yttrium	89-2	2106400	2175767	2135156	2139108	1.63	cps

LB Number :	LB99065	Operator :	Jaswal
Lab Sample ID :	CCB97	Instrumnet Name :	P7
Client Sample ID :	CCB97	Dilution Factor :	1
Date & Time Acquired ::	2018-11-02 21:37:24	DataFile Name :	054CCBE_P7110218.D

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zinc	66-2	1520	1375	1228	1374	10.60	cps
Zirconium	90-1	2184	1909	1792	1961	10.25	cps
Zirconium	91-1	483	442	350	425	16.05	cps