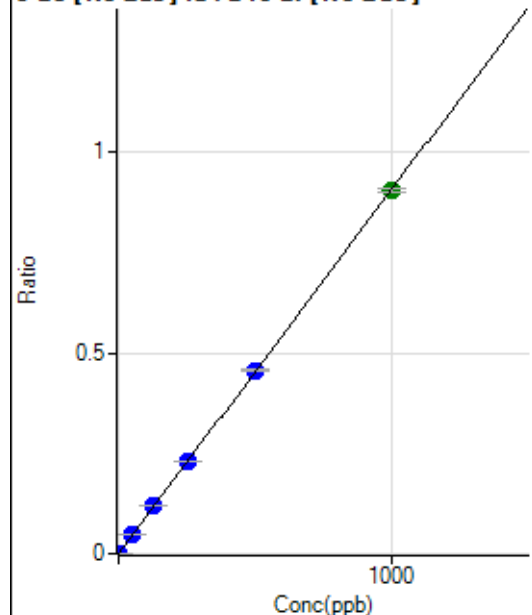


Batch Folder: D:\ICP-MS Data\P7102318 MS.b\
Analysis File: P7102318 MS.batch.bin
DA Date-Time: 2018-10-23 18:37:48
Calibration Title:
Calibration Method: External Calibration
VIS Interpolation Fit:

Level	Standard Data File	Sample Name	Acq. Date-Time
1	003CALB.d	S00	2018-10-23 14:57:39
2			
3	005CAL.S.d	S02	2018-10-23 15:06:27
4	006CAL.S.d	S03	2018-10-23 15:10:21
5	007CAL.S.d	S04	2018-10-23 15:14:29
6	008CAL.S.d	S05	2018-10-23 15:18:16
7	009CAL.S.d	S06	2018-10-23 15:22:00
8	010CAL.S.d	S07	2018-10-23 15:25:43
9	011CAL.S.d	S08	2018-10-23 15:29:28

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	88.89	0.0000	P	22.3
2	☐	0.100					
3	☐	1.000	1.022	6175.49	0.0009	P	4.9
4	☐	50.000	52.186	313680.37	0.0474	P	0.4
5	☐	125.000	129.932	774067.68	0.1180	P	0.4
6	☐	250.000	254.429	1508913.03	0.2310	P	0.7
7	☐	500.000	503.243	2986677.41	0.4570	P	0.7
8	☐	1000.000	996.545	5784156.21	0.9049	A	1.2
9	☐			892.65	0.0002	P	9.2

$$y = 9.0799\text{E-}004 * x + 1.3303\text{E-}005$$

$$R = 1.0000$$

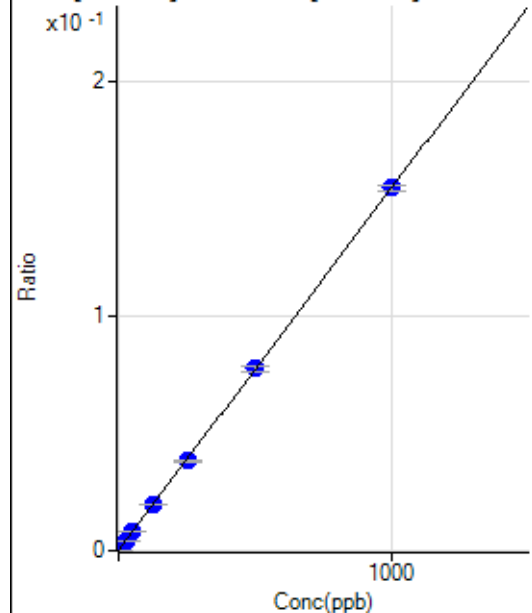
$$DL = 0.009791$$

$$BEC = 0.01465$$

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	847.28	0.0001	P	4.7
2	☐	2.500					
3	☐	25.000	25.388	26590.75	0.0041	P	1.4
4	☐	50.000	51.557	53607.45	0.0081	P	3.7
5	☐	125.000	125.993	128654.86	0.0196	P	0.1
6	☐	250.000	246.859	250156.00	0.0383	P	1.3
7	☐	500.000	500.726	506914.91	0.0776	P	2.3
8	☐	1000.000	1000.211	989448.55	0.1548	P	1.7
9	☐			20570.28	0.0035	P	7.1

$$y = 1.5464\text{E-}004 * x + 1.2685\text{E-}004$$

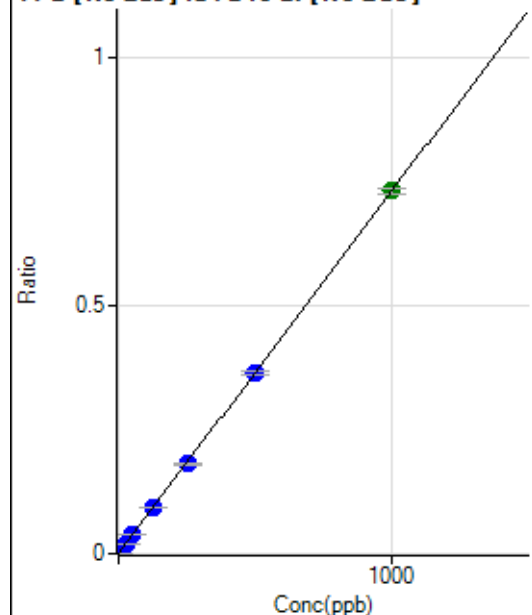
$$R = 1.0000$$

$$DL = 0.1145$$

$$BEC = 0.8203$$

Weight: <None>

Min Conc: 0

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	4109.05	0.0006	P	2.9
2	☐	2.500					
3	☐	25.000	24.794	122774.24	0.0187	P	0.3
4	☐	50.000	50.813	249542.15	0.0377	P	2.2
5	☐	125.000	126.280	608750.73	0.0928	P	0.8
6	☐	250.000	246.775	1180479.19	0.1807	P	1.9
7	☐	500.000	498.220	2380854.83	0.3643	P	2.2
8	☐	1000.000	1001.501	4676592.29	0.7316	A	1.3
9	☐			95774.11	0.0162	P	7.8

$$y = 7.2991\text{E-}004 * x + 6.1520\text{E-}004$$

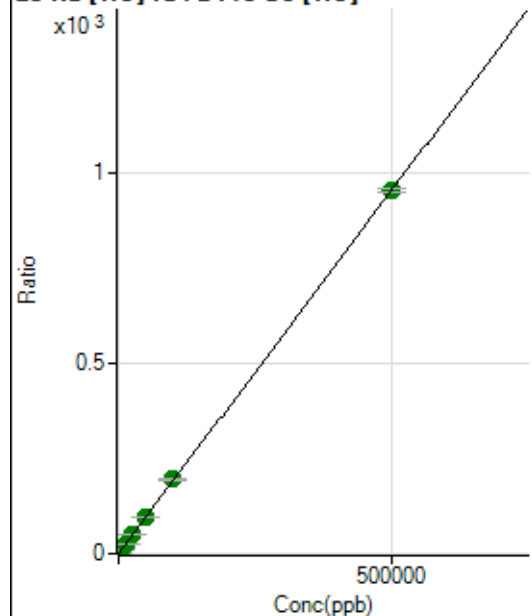
$$R = 1.0000$$

$$DL = 0.07426$$

$$BEC = 0.8428$$

Weight: <None>

Min Conc: 0

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	18567.71	0.0367	P	3.4
2	☐	50.000					
3	☐	500.000	500.770	502340.29	0.9929	P	1.0
4	☐	5000.000	5070.915	4927161.52	9.7197	A	0.9
5	☐	12500.000	12608.521	11966875.61	24.1129	A	0.5
6	☐	25000.000	25263.144	23868787.34	48.2772	A	0.8
7	☐	50000.000	49383.194	47492737.52	94.3349	A	0.6
8	☐	100000.00	102601.50	93598918.76	195.9565	A	3.6
9	☐	500000.00	499524.79	466545777.10	953.8900	A	1.1

$$y = 0.0019 * x + 0.0367$$

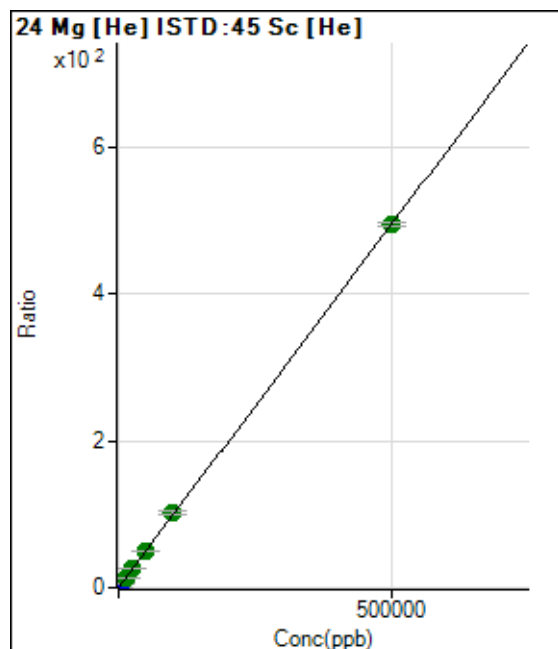
$$R = 1.0000$$

$$DL = 1.949$$

$$BEC = 19.21$$

Weight: <None>

Min Conc: 0



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	230.57	0.0005	P	7.1
2	☐	50.000					
3	☐	500.000	509.435	255515.48	0.5050	P	1.2
4	☐	5000.000	5199.885	2611126.23	5.1509	P	0.5
5	☐	12500.000	12877.667	6330311.77	12.7556	A	0.6
6	☐	25000.000	25781.713	12625533.70	25.5368	A	0.9
7	☐	50000.000	49992.832	24929252.64	49.5175	A	0.8
8	☐	100000.00	103091.48	48777164.63	102.1108	A	3.2
9	☐	500000.00	499331.88	241897055.41	494.5799	A	1.0

$$y = 9.9048\text{E-}004 * x + 4.5535\text{E-}004$$

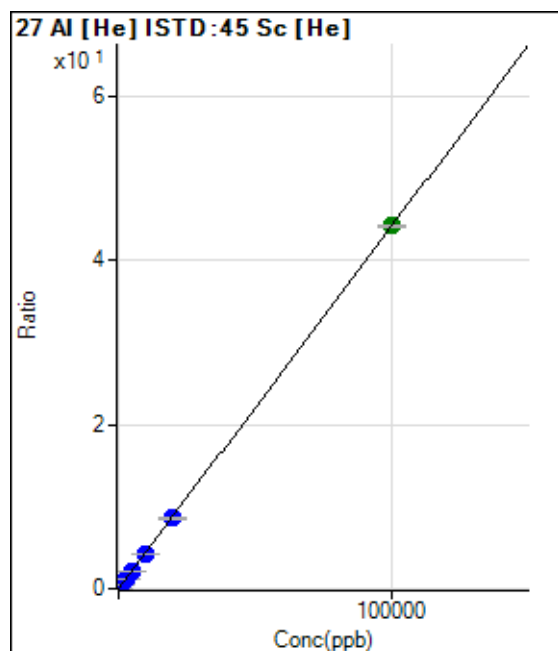
$$R = 1.0000$$

$$DL = 0.09834$$

$$BEC = 0.4597$$

Weight: <None>

Min Conc: 0



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	94.45	0.0002	P	21.8
2	☐	2.000					
3	☐	20.000	19.993	4553.66	0.0090	P	8.5
4	☐	1000.000	985.726	220327.78	0.4346	P	0.8
5	☐	2500.000	2464.755	539180.27	1.0864	P	0.6
6	☐	5000.000	4902.125	1068262.89	2.1606	P	0.6
7	☐	10000.000	9549.930	2119002.39	4.2090	P	0.7
8	☐	20000.000	19551.703	4116550.92	8.6170	P	2.9
9	☐	100000.00	100140.58	21585894.41	44.1340	A	0.9

$$y = 4.4072\text{E-}004 * x + 1.8648\text{E-}004$$

$$R = 1.0000$$

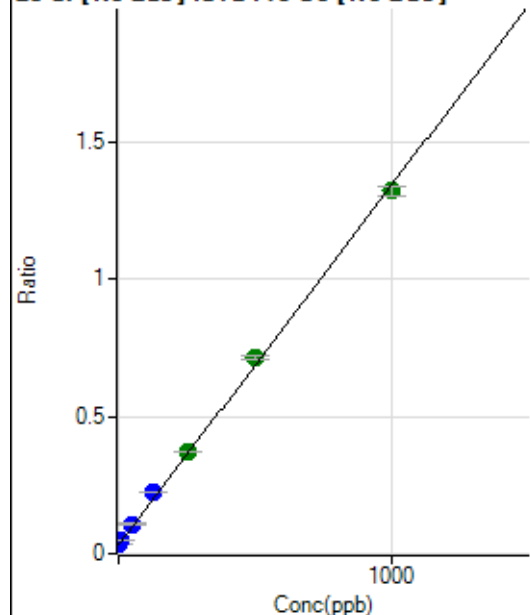
$$DL = 0.2774$$

$$BEC = 0.4231$$

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	373545.60	0.0316	P	0.4
2	☐	1.000					
3	☐	10.000	15.686	604294.18	0.0522	P	0.5
4	☐	50.000	58.477	1265199.17	0.1082	P	1.7
5	☐	125.000	145.437	2567053.59	0.2222	P	1.2
6	☐	250.000	260.310	4261465.50	0.3727	A	0.3
7	☐	500.000	519.628	8177891.50	0.7124	A	1.9
8	☐	1000.000	984.573	15136683.32	1.3215	A	2.3
9	☐			1169532.12	0.1065	P	1.6

$$y = 0.0013 * x + 0.0316$$

$$R = 0.9996$$

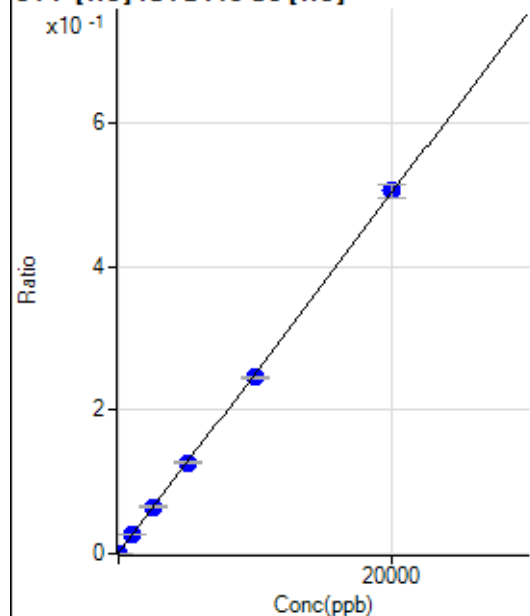
$$DL = 0.27$$

$$BEC = 24.15$$

Weight: <None>

Min Conc: 0

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



	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	-2.208	225.01	0.0004	P	25.1
2	☐	0.000					
3	☐	0.000	2.208	280.57	0.0006	P	22.2
4	☐	1000.000	1004.418	13050.61	0.0257	P	2.0
5	☐	2500.000	2583.174	32466.88	0.0654	P	1.4
6	☐	5000.000	5030.326	62757.78	0.1269	P	0.7
7	☐	10000.000	9752.404	123651.14	0.2456	P	1.1
8	☐	20000.000	20105.599	241585.48	0.5058	P	4.0
9	☐			338.91	0.0007	P	17.3

$$y = 2.5133E-005 * x + 4.9959E-004$$

$$R = 0.9999$$

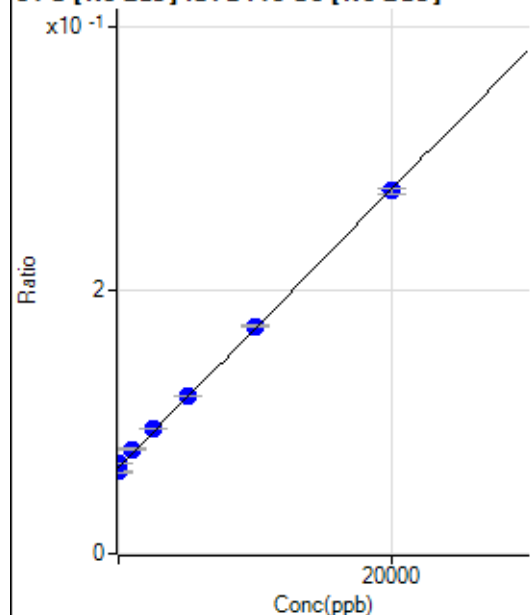
$$DL = 14.01$$

$$BEC = 19.88$$

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	-310.530	733353.97	0.0621	P	0.7
2	☐	0.000					
3	☐	0.000	310.530	795167.56	0.0687	P	0.7
4	☐	1000.000	1323.106	927670.54	0.0794	P	0.7
5	☐	2500.000	2765.224	1093076.22	0.0946	P	0.8
6	☐	5000.000	5131.984	1367773.88	0.1196	P	0.9
7	☐	10000.000	10115.408	1977707.75	0.1723	P	0.8
8	☐	20000.000	19859.992	3152881.08	0.2752	P	1.9
9	☐			710729.75	0.0647	P	1.7

$$y = 1.0567\text{E-}005 * x + 0.0654$$

$$R = 0.9995$$

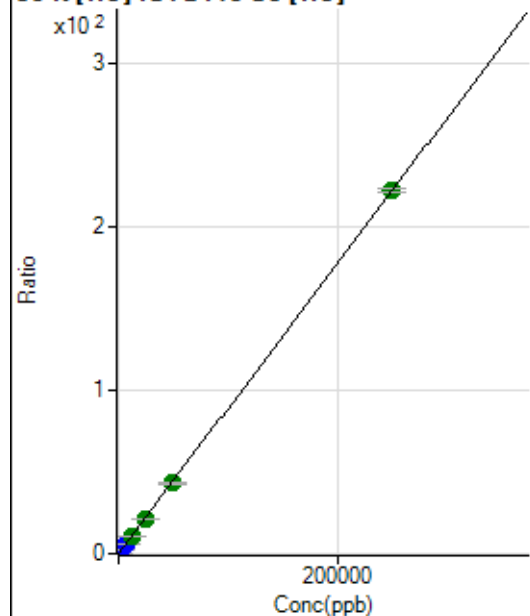
$$DL = 137.3$$

$$BEC = 6187$$

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	35755.28	0.0706	P	1.0
2	☐	50.000					
3	☐	500.000	489.528	255319.45	0.5046	P	0.7
4	☐	2500.000	2448.886	1136430.02	2.2418	P	0.8
5	☐	6250.000	6048.207	2696331.81	5.4329	P	0.3
6	☐	12500.000	11987.376	5289660.01	10.6986	A	0.0
7	☐	25000.000	23508.653	10528738.95	20.9133	A	0.6
8	☐	50000.000	48630.326	20629978.76	43.1860	A	3.1
9	☐	250000.00	250454.27	108639846.87	222.1222	A	1.1

$$y = 8.8660\text{E-}004 * x + 0.0706$$

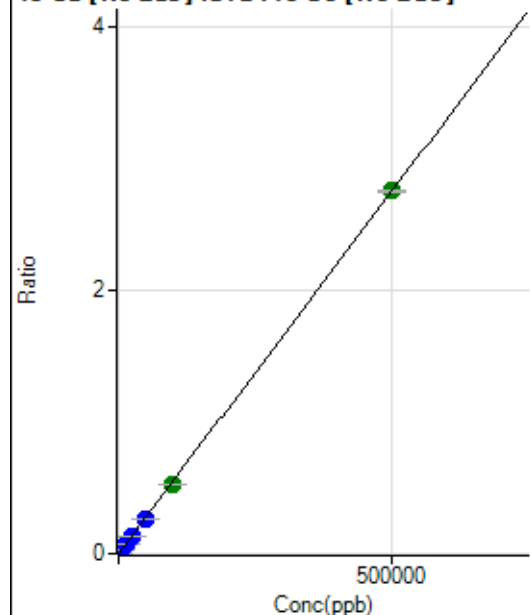
$$R = 1.0000$$

$$DL = 2.28$$

$$BEC = 79.66$$

Weight: <None>

Min Conc: 0

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

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	369.47	0.0000	P	24.2
2	☐	50.000					
3	☐	500.000	467.832	30156.78	0.0026	P	1.5
4	☐	5000.000	4953.804	318800.80	0.0273	P	1.1
5	☐	12500.000	12244.942	778436.54	0.0674	P	0.5
6	☐	25000.000	24290.437	1527915.77	0.1336	P	0.2
7	☐	50000.000	48262.399	3047274.89	0.2654	P	1.2
8	☐	100000.00	95540.253	6018539.72	0.5255	A	2.4
9	☐	500000.00	501108.05	30270808.32	2.7559	A	0.3

$$y = 5.4995\text{E-}006 * x + 3.1290\text{E-}005$$

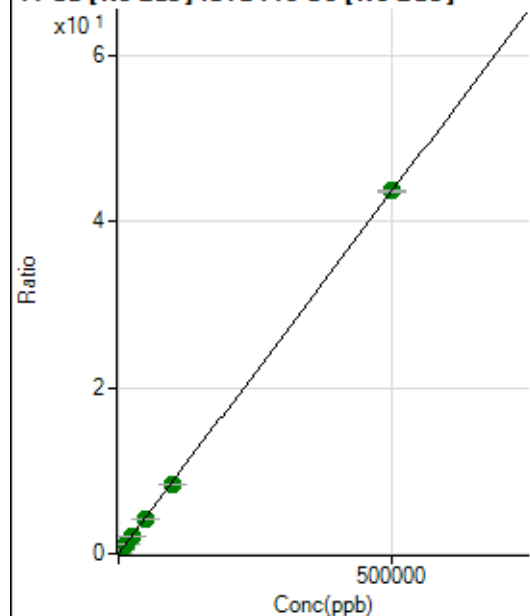
$$R = 1.0000$$

$$DL = 4.124$$

$$BEC = 5.69$$

Weight: <None>

Min Conc: 0

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

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	13968.26	0.0012	P	0.6
2	☐	50.000					
3	☐	500.000	481.413	499430.01	0.0431	P	0.4
4	☐	5000.000	4896.299	5000208.36	0.4278	A	0.6
5	☐	12500.000	12166.922	12261974.75	1.0613	A	0.4
6	☐	25000.000	24195.418	24119755.40	2.1093	A	0.1
7	☐	50000.000	48210.898	48233953.16	4.2017	A	1.1
8	☐	100000.00	95499.335	95318019.49	8.3218	A	2.4
9	☐	500000.00	501128.65	479605366.28	43.6632	A	0.4

$$y = 8.7127\text{E-}005 * x + 0.0012$$

$$R = 1.0000$$

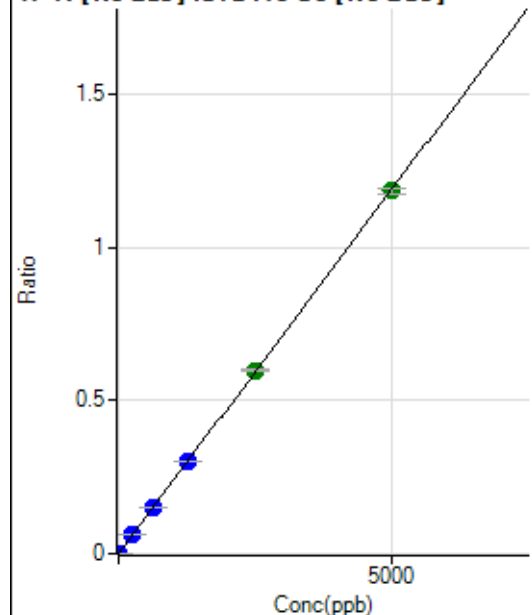
$$DL = 0.2312$$

$$BEC = 13.58$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	166.67	0.0000	P	0.1
2	☐	0.500					
3	☐	5.000	4.999	13918.16	0.0012	P	4.3
4	☐	250.000	255.194	708799.89	0.0606	P	0.6
5	☐	625.000	636.420	1747102.17	0.1512	P	0.8
6	☐	1250.000	1266.375	3440414.40	0.3009	P	0.3
7	☐	2500.000	2519.973	6872804.84	0.5987	A	0.9
8	☐	5000.000	4984.232	13563677.39	1.1841	A	1.9
9	☐			6079.33	0.0006	P	3.8

$$y = 2.3757\text{E-}004 * x + 1.4114\text{E-}005$$

$$R = 1.0000$$

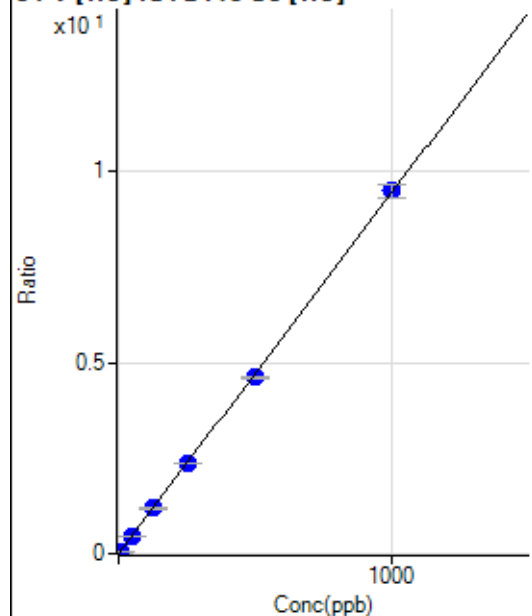
$$DL = 0.0002519$$

$$BEC = 0.05941$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	13.33	0.0000	P	43.1
2	☐	0.500					
3	☐	5.000	4.996	23888.44	0.0472	P	0.8
4	☐	50.000	50.144	240109.24	0.4737	P	0.5
5	☐	125.000	125.473	588175.95	1.1852	P	0.4
6	☐	250.000	250.214	1168466.28	2.3634	P	0.9
7	☐	500.000	488.879	2324750.92	4.6177	P	0.6
8	☐	1000.000	1005.441	4536308.13	9.4968	P	3.4
9	☐			2172.41	0.0044	P	5.0

$$y = 0.0094 * x + 2.6327\text{E-}005$$

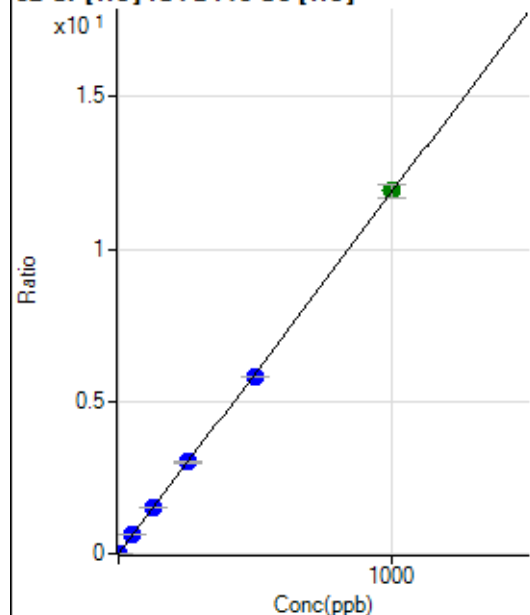
$$R = 0.9999$$

$$DL = 0.003608$$

$$BEC = 0.002787$$

Weight: <None>

Min Conc: 0

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

	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	951.16	0.0019	P	2.5
2	☐	0.200					
3	☐	2.000	2.190	14089.14	0.0278	P	2.5
4	☐	50.000	50.894	306890.58	0.6054	P	0.4
5	☐	125.000	127.609	751915.53	1.5151	P	0.1
6	☐	250.000	252.878	1483494.39	3.0005	P	0.6
7	☐	500.000	488.661	2918205.86	5.7965	P	0.5
8	☐	1000.000	1004.579	5690988.32	11.9142	A	3.5
9	☐			236935.69	0.4844	P	1.1

$$y = 0.0119 * x + 0.0019$$

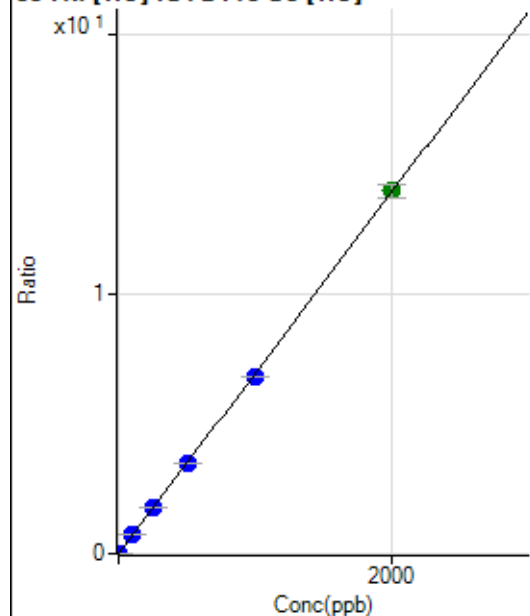
$$R = 0.9999$$

$$DL = 0.01194$$

$$BEC = 0.1585$$

Weight: <None>

Min Conc: 0

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

	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	80.00	0.0002	P	20.5
2	☐	0.100					
3	☐	1.000	1.084	3897.25	0.0077	P	2.4
4	☐	100.000	102.578	362104.92	0.7143	P	1.1
5	☐	250.000	253.823	877088.68	1.7673	P	0.3
6	☐	500.000	503.006	1731535.42	3.5022	P	0.3
7	☐	1000.000	979.042	3431720.92	6.8164	P	0.5
8	☐	2000.000	2009.121	6681152.33	13.9880	A	3.8
9	☐			41148.66	0.0841	P	0.5

$$y = 0.0070 * x + 1.5792E-004$$

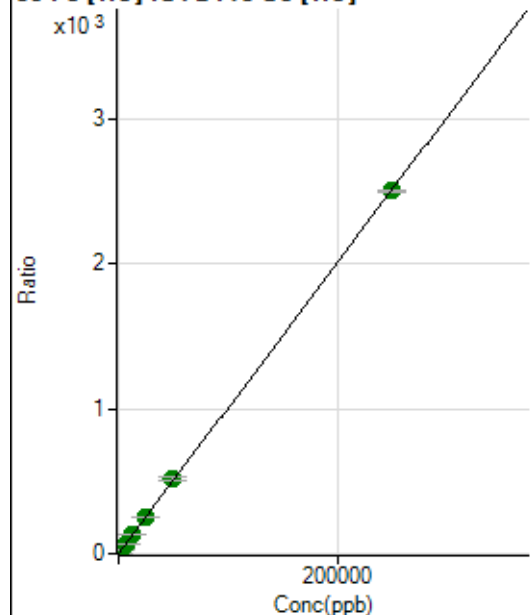
$$R = 0.9999$$

$$DL = 0.01392$$

$$BEC = 0.02268$$

Weight: <None>

Min Conc: 0

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

	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	8700.95	0.0172	P	2.5
2	☐	5.000					
3	☐	50.000	52.667	275579.74	0.5447	P	0.4
4	☐	2500.000	2594.335	13180583.86	26.0015	A	1.4
5	☐	6250.000	6435.875	31999748.87	64.4777	A	0.3
6	☐	12500.000	12761.211	63200891.69	127.8310	A	0.6
7	☐	25000.000	24919.312	125664532.44	249.6042	A	0.2
8	☐	50000.000	51360.369	245709862.90	514.4327	A	3.8
9	☐	250000.00	249717.34	1223351538.4	2,501.137	A	0.5

$$y = 0.0100 * x + 0.0172$$

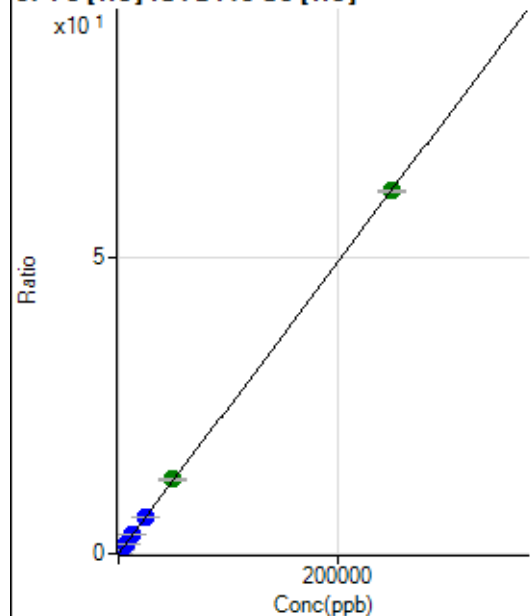
$$R = 1.0000$$

$$DL = 0.13$$

$$BEC = 1.716$$

Weight: <None>

Min Conc: 0

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

	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	309.27	0.0006	P	16.7
2	☐	5.000					
3	☐	50.000	53.673	6953.67	0.0137	P	2.8
4	☐	2500.000	2622.751	325666.24	0.6424	P	0.5
5	☐	6250.000	6531.764	793557.62	1.5990	P	0.4
6	☐	12500.000	12900.857	1561110.41	3.1576	P	1.0
7	☐	25000.000	25085.500	3090842.55	6.1393	P	0.3
8	☐	50000.000	51188.936	5983546.95	12.5271	A	3.6
9	☐	250000.00	249725.34	29889647.89	61.1110	A	0.7

$$y = 2.4471E-004 * x + 6.1124E-004$$

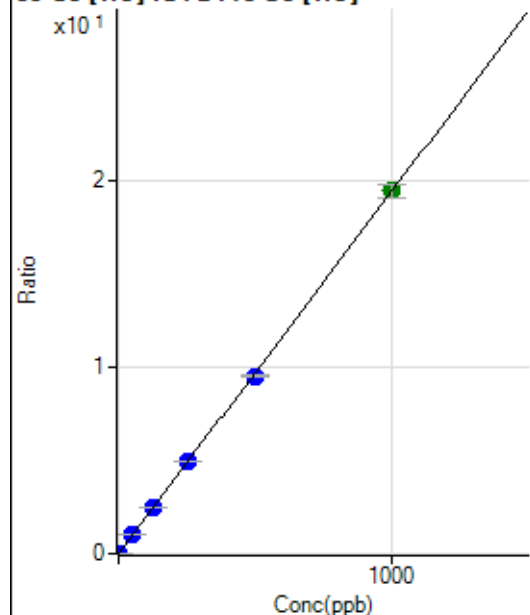
$$R = 1.0000$$

$$DL = 1.255$$

$$BEC = 2.498$$

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	170.00	0.0003	P	18.1
2	☐	0.100					
3	☐	1.000	1.065	10645.12	0.0210	P	0.3
4	☐	50.000	52.281	515356.90	1.0166	P	0.4
5	☐	125.000	129.386	1248384.97	2.5155	P	0.4
6	☐	250.000	254.858	2449497.83	4.9545	P	1.2
7	☐	500.000	491.431	4809570.62	9.5532	P	0.4
8	☐	1000.000	1002.408	9307097.36	19.4861	A	3.9
9	☐			17275.92	0.0353	P	1.4

$$y = 0.0194 * x + 3.3604E-004$$

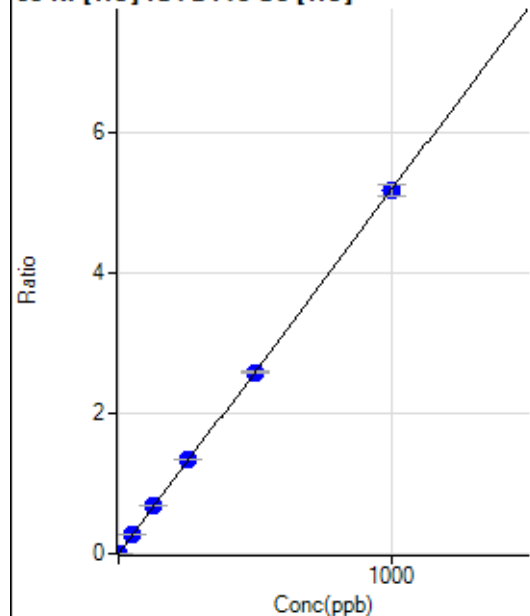
$$R = 0.9999$$

$$DL = 0.009376$$

$$BEC = 0.01729$$

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	224.45	0.0004	P	11.7
2	☐	0.100					
3	☐	1.000	1.171	3290.43	0.0065	P	2.3
4	☐	50.000	53.139	139651.78	0.2755	P	0.5
5	☐	125.000	131.989	339263.15	0.6836	P	0.3
6	☐	250.000	260.198	666057.79	1.3472	P	0.9
7	☐	500.000	498.453	1299103.68	2.5804	P	0.5
8	☐	1000.000	997.193	2465729.48	5.1618	P	3.2
9	☐			66434.13	0.1358	P	1.6

$$y = 0.0052 * x + 4.4352E-004$$

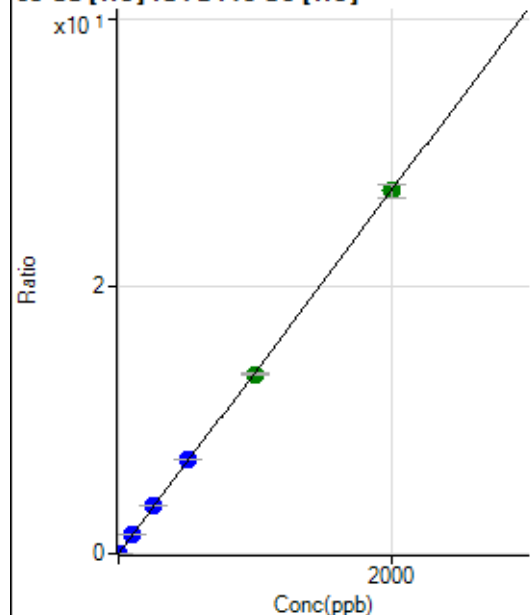
$$R = 0.9999$$

$$DL = 0.03$$

$$BEC = 0.08569$$

Weight: <None>

Min Conc: 0

⁶³Cu [He] ISTD:45 Sc [He]

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	805.59	0.0016	P	7.5
2	☐	0.200					
3	☐	2.000	2.151	15608.50	0.0308	P	1.4
4	☐	100.000	107.038	738968.65	1.4577	P	0.6
5	☐	250.000	264.724	1788030.58	3.6029	P	0.8
6	☐	500.000	520.211	3499661.61	7.0786	P	1.0
7	☐	1000.000	989.827	6780121.98	13.4672	A	0.1
8	☐	2000.000	1997.841	12982986.89	27.1803	A	3.5
9	☐			34423.94	0.0704	P	1.7

$$y = 0.0136 * x + 0.0016$$

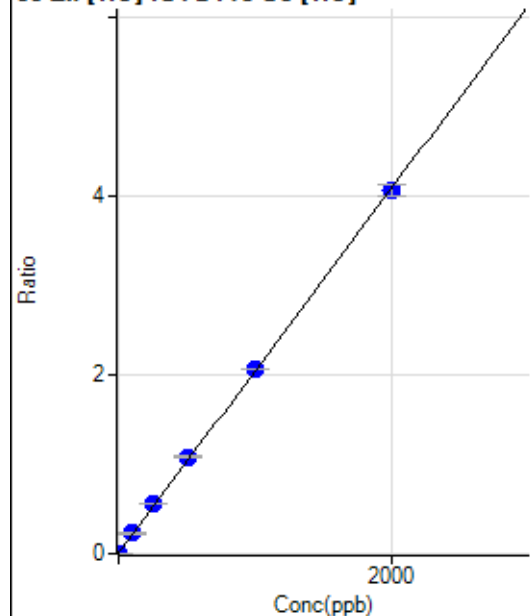
$$R = 0.9999$$

$$DL = 0.02646$$

$$BEC = 0.117$$

Weight: <None>

Min Conc: 0

⁶⁶Zn [He] ISTD:45 Sc [He]

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	2705.85	0.0053	P	4.1
2	☐	0.200					
3	☐	2.000	2.296	5070.96	0.0100	P	5.8
4	☐	100.000	108.115	114337.90	0.2255	P	0.3
5	☐	250.000	268.470	274019.18	0.5521	P	0.6
6	☐	500.000	528.741	535074.72	1.0822	P	0.6
7	☐	1000.000	1008.047	1036344.95	2.0585	P	0.3
8	☐	2000.000	1986.076	1934817.84	4.0505	P	3.3
9	☐			41397.59	0.0846	P	0.2

$$y = 0.0020 * x + 0.0053$$

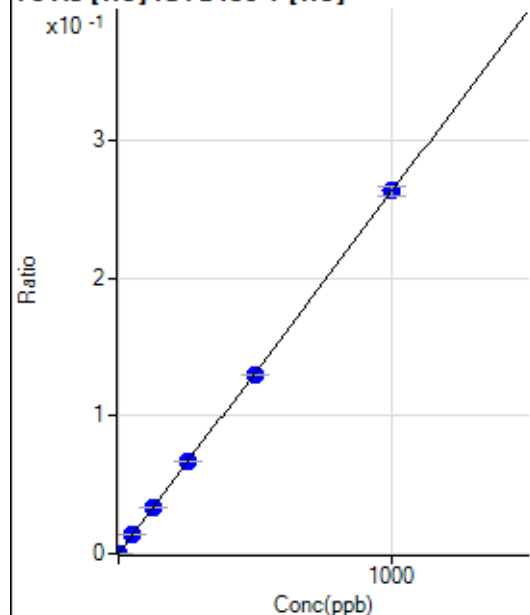
$$R = 0.9999$$

$$DL = 0.3253$$

$$BEC = 2.624$$

Weight: <None>

Min Conc: 0

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

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	12.97	0.0000	P	37.7
2	☐	0.100					
3	☐	1.000	1.061	690.76	0.0003	P	2.5
4	☐	50.000	51.022	32776.42	0.0134	P	0.9
5	☐	125.000	127.126	80443.05	0.0334	P	0.3
6	☐	250.000	253.708	158680.50	0.0667	P	0.6
7	☐	500.000	493.357	313781.51	0.1297	P	0.4
8	☐	1000.000	1002.078	607416.48	0.2635	P	3.0
9	☐			285.81	0.0001	P	10.4

$$y = 2.6295E-004 * x + 5.3256E-006$$

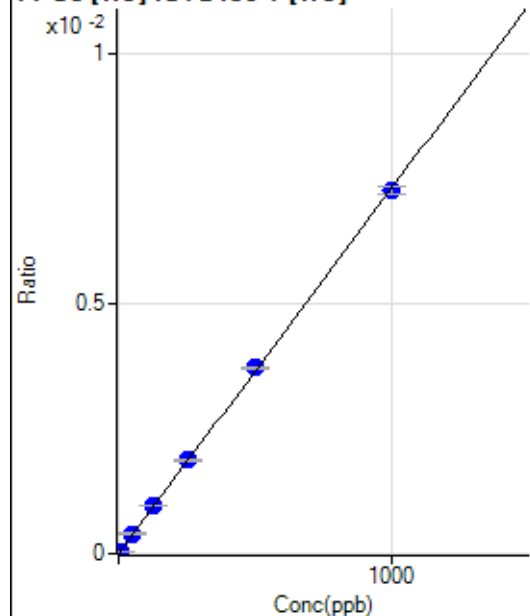
$$R = 1.0000$$

$$DL = 0.02289$$

$$BEC = 0.02025$$

Weight: <None>

Min Conc: 0

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

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	0.00	0.0000	P	
2	☐	0.500					
3	☐	5.000	5.834	103.34	0.0000	P	13.6
4	☐	50.000	54.664	973.38	0.0004	P	7.2
5	☐	125.000	131.104	2300.22	0.0010	P	2.0
6	☐	250.000	256.384	4446.31	0.0019	P	2.3
7	☐	500.000	508.195	8962.93	0.0037	P	1.0
8	☐	1000.000	993.306	16699.80	0.0072	P	2.1
9	☐			16.67	0.0000	P	72.1

$$y = 7.2920E-006 * x + 0.0000E+000$$

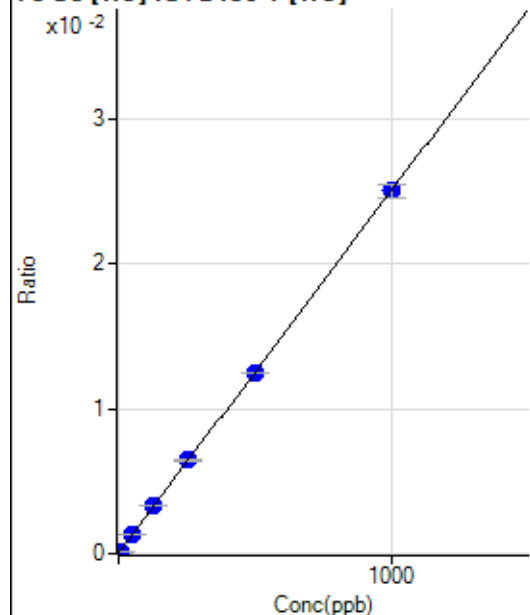
$$R = 0.9999$$

$$DL = 0$$

$$BEC = 0$$

Weight: <None>

Min Conc: 0

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

	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	96.30	0.0000	P	6.8
2	☐	0.500					
3	☐	5.000	5.436	426.55	0.0002	P	7.3
4	☐	50.000	53.112	3338.68	0.0014	P	1.0
5	☐	125.000	129.743	7897.88	0.0033	P	2.1
6	☐	250.000	256.390	15336.57	0.0064	P	0.8
7	☐	500.000	497.614	30179.58	0.0125	P	0.3
8	☐	1000.000	998.845	57639.71	0.0250	P	3.4
9	☐			109.26	0.0000	P	21.7

$$y = 2.4996\text{E-}005 * x + 3.9565\text{E-}005$$

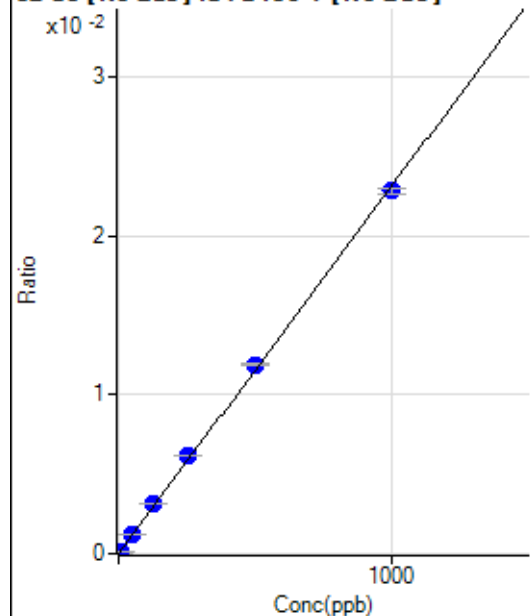
$$R = 1.0000$$

$$DL = 0.3212$$

$$BEC = 1.583$$

Weight: <None>

Min Conc: 0

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

	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	18.80	0.0000	P	189.
2	☐	0.500					
3	☐	5.000	5.418	2195.62	0.0001	P	1.9
4	☐	50.000	53.319	21494.17	0.0012	P	0.9
5	☐	125.000	134.017	53547.07	0.0031	P	0.2
6	☐	250.000	265.240	104855.81	0.0061	P	0.7
7	☐	500.000	514.389	205184.66	0.0119	P	1.3
8	☐	1000.000	987.701	390694.79	0.0228	P	1.7
9	☐			346.19	0.0000	P	10.3

$$y = 2.3111\text{E-}005 * x + 1.0634\text{E-}006$$

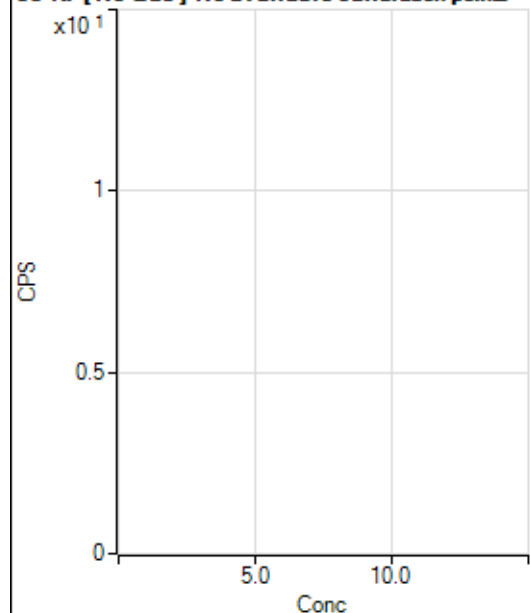
$$R = 0.9997$$

$$DL = 0.2622$$

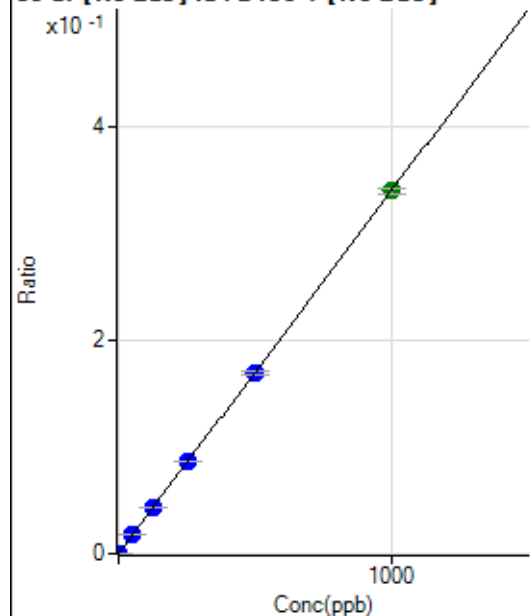
$$BEC = 0.04601$$

Weight: <None>

Min Conc: 0

83 Kr [No Gas] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐			632.25		P	4.4
2	☐						
3	☐			621.13		P	4.8
4	☐			716.70		P	11.0
5	☐			650.03		P	14.4
6	☐			622.25		P	5.9
7	☐			644.47		P	4.4
8	☐			635.58		P	4.8
9	☐			693.36		P	4.8

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	1105.64	0.0001	P	15.0
2	☐	0.100					
3	☐	1.000	1.040	7238.24	0.0004	P	3.5
4	☐	50.000	51.262	304902.98	0.0175	P	0.2
5	☐	125.000	127.465	750206.95	0.0434	P	0.5
6	☐	250.000	253.046	1472784.99	0.0861	P	1.0
7	☐	500.000	498.557	2927063.54	0.1696	P	1.6
8	☐	1000.000	999.589	5818778.43	0.3400	A	1.9
9	☐			30750.37	0.0019	P	1.2

$$y = 3.4006E-004 * x + 6.2525E-005$$

$$R = 1.0000$$

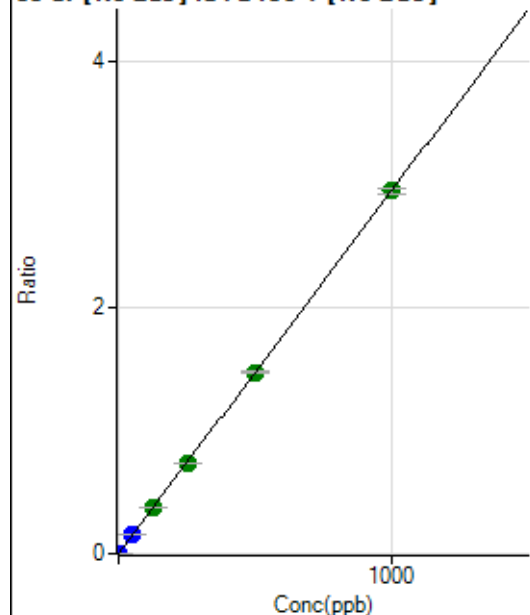
$$DL = 0.08259$$

$$BEC = 0.1839$$

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	211.12	0.0000	P	12.1
2	☐	0.100					
3	☐	1.000	1.031	53085.14	0.0031	P	1.5
4	☐	50.000	51.172	2631782.83	0.1510	P	0.3
5	☐	125.000	125.834	6417244.80	0.3713	A	0.4
6	☐	250.000	250.344	12633944.47	0.7387	A	0.1
7	☐	500.000	499.609	25443667.58	1.4742	A	0.6
8	☐	1000.000	999.947	50499331.68	2.9506	A	1.8
9	☐			257901.38	0.0158	P	0.2

$$y = 0.0030 * x + 1.1941E-005$$

$$R = 1.0000$$

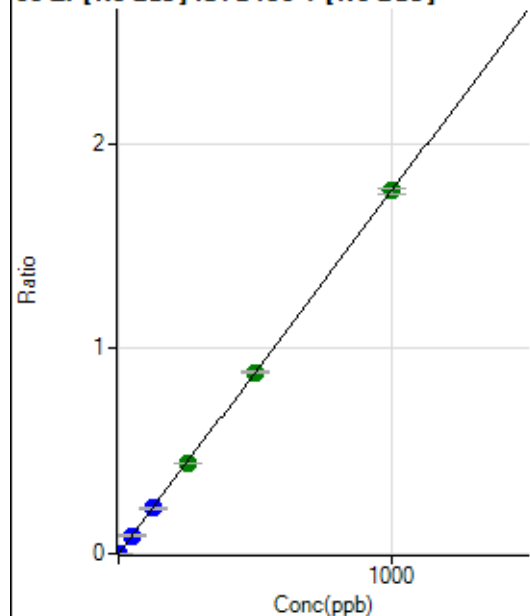
$$DL = 0.001473$$

$$BEC = 0.004047$$

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	1491.82	0.0001	P	12.2
2	☐	0.100					
3	☐	1.000	1.040	33453.89	0.0019	P	2.2
4	☐	50.000	50.280	1551046.63	0.0890	P	0.6
5	☐	125.000	124.785	3815028.82	0.2207	P	0.5
6	☐	250.000	250.792	7586276.21	0.4436	A	0.3
7	☐	500.000	499.122	15234292.18	0.8827	A	1.0
8	☐	1000.000	1000.254	30275066.65	1.7689	A	1.6
9	☐			18031.44	0.0011	P	2.2

$$y = 0.0018 * x + 8.4368E-005$$

$$R = 1.0000$$

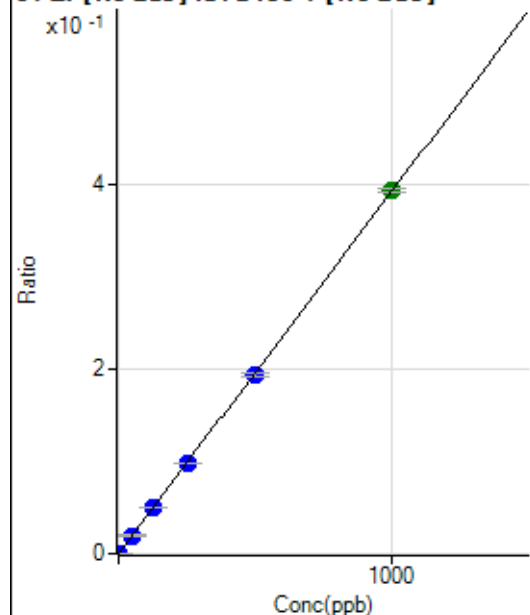
$$DL = 0.01753$$

$$BEC = 0.04771$$

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	291.68	0.0000	P	5.8
2	☐	0.100					
3	☐	1.000	1.022	7246.58	0.0004	P	4.1
4	☐	50.000	50.389	344254.61	0.0198	P	0.7
5	☐	125.000	125.958	852914.14	0.0494	P	0.4
6	☐	250.000	250.149	1675970.87	0.0980	P	0.1
7	☐	500.000	494.287	3341555.68	0.1936	P	1.3
8	☐	1000.000	1002.680	6722313.09	0.3927	A	1.0
9	☐			3847.93	0.0002	P	2.2

$$y = 3.9168\text{E-}004 * x + 1.6497\text{E-}005$$

$$R = 1.0000$$

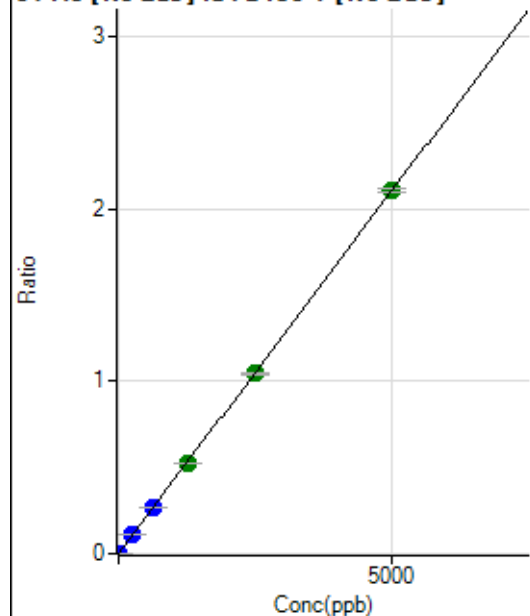
$$DL = 0.007336$$

$$BEC = 0.04212$$

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	619.48	0.0000	P	8.1
2	☐	0.500					
3	☐	5.000	5.078	37803.68	0.0022	P	1.4
4	☐	250.000	252.905	1857249.61	0.1066	P	0.5
5	☐	625.000	626.496	4561487.95	0.2639	P	0.2
6	☐	1250.000	1254.050	9034955.50	0.5283	A	0.3
7	☐	2500.000	2488.983	18095150.58	1.0485	A	0.9
8	☐	5000.000	5004.164	36079384.49	2.1079	A	1.1
9	☐			42397.36	0.0026	P	0.9

$$y = 4.2123\text{E-}004 * x + 3.5034\text{E-}005$$

$$R = 1.0000$$

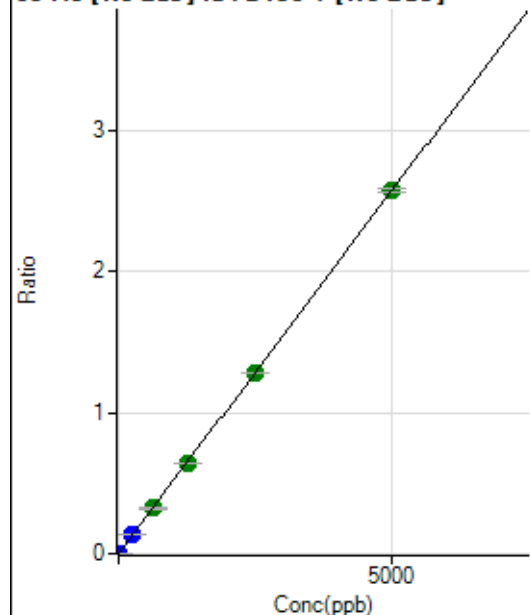
$$DL = 0.02018$$

$$BEC = 0.08317$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	102.78	0.0000	P	16.9
2	☐	0.500					
3	☐	5.000	4.961	44467.32	0.0026	P	1.8
4	☐	250.000	254.100	2277758.93	0.1307	P	0.3
5	☐	625.000	623.219	5539734.06	0.3205	A	0.7
6	☐	1250.000	1257.007	11057025.16	0.6465	A	0.3
7	☐	2500.000	2490.187	22104400.32	1.2808	A	0.7
8	☐	5000.000	5003.172	44043251.68	2.5732	A	1.1
9	☐			62872.57	0.0038	P	1.2

$$y = 5.1432\text{E-}004 * x + 5.8138\text{E-}006$$

$$R = 1.0000$$

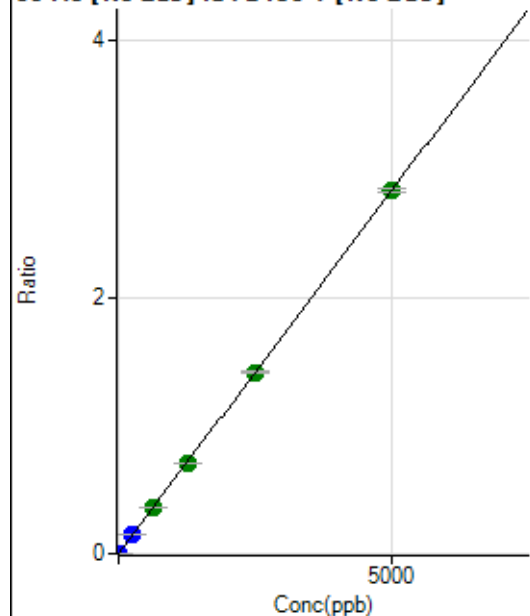
$$DL = 0.005748$$

$$BEC = 0.0113$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	233.35	0.0000	P	18.9
2	☐	0.500					
3	☐	5.000	5.039	49785.24	0.0029	P	1.5
4	☐	250.000	253.046	2494595.78	0.1431	P	0.5
5	☐	625.000	626.089	6120328.78	0.3541	A	0.3
6	☐	1250.000	1254.417	12134555.22	0.7095	A	0.2
7	☐	2500.000	2498.043	24385168.77	1.4129	A	0.7
8	☐	5000.000	4999.586	48400579.55	2.8278	A	1.1
9	☐			79769.99	0.0049	P	1.8

$$y = 5.6560\text{E-}004 * x + 1.3197\text{E-}005$$

$$R = 1.0000$$

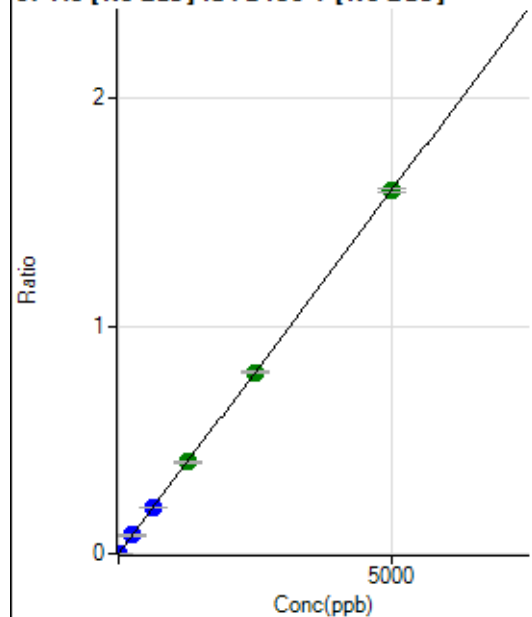
$$DL = 0.0132$$

$$BEC = 0.02333$$

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	47.22	0.0000	P	36.7
2	☐	0.500					
3	☐	5.000	5.029	27939.23	0.0016	P	1.5
4	☐	250.000	252.609	1404312.27	0.0806	P	0.9
5	☐	625.000	629.398	3469649.51	0.2008	P	0.5
6	☐	1250.000	1258.888	6867622.98	0.4016	A	0.4
7	☐	2500.000	2502.196	13775094.58	0.7981	A	0.3
8	☐	5000.000	4996.000	27275630.47	1.5936	A	1.2
9	☐			38218.99	0.0023	P	2.4

$$y = 3.1897\text{E-}004 * x + 2.6710\text{E-}006$$

$$R = 1.0000$$

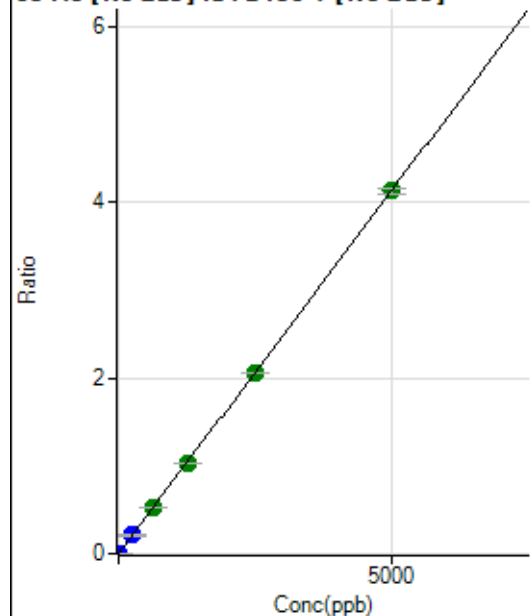
$$DL = 0.009229$$

$$BEC = 0.008374$$

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	197.23	0.0000	P	28.0
2	☐	0.500					
3	☐	5.000	5.019	72331.30	0.0042	P	0.1
4	☐	250.000	252.120	3632206.55	0.2084	P	0.9
5	☐	625.000	628.708	8981423.99	0.5197	A	0.7
6	☐	1250.000	1254.964	17741520.53	1.0374	A	0.1
7	☐	2500.000	2497.493	35629975.10	2.0644	A	0.4
8	☐	5000.000	4999.443	70730512.69	4.1325	A	1.3
9	☐			97116.03	0.0059	P	1.8

$$y = 8.2659\text{E-}004 * x + 1.1152\text{E-}005$$

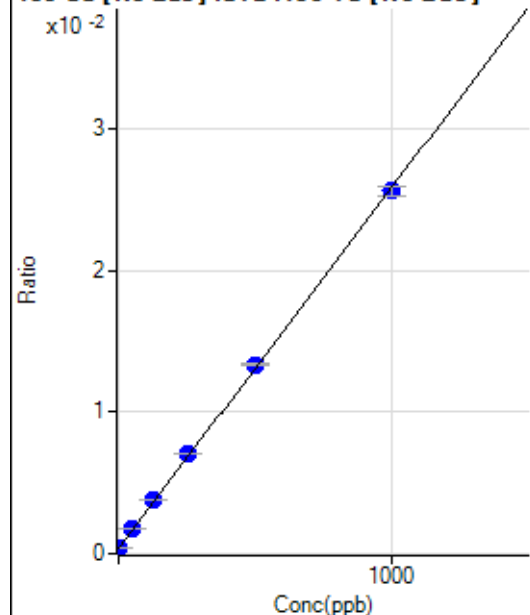
$$R = 1.0000$$

$$DL = 0.01135$$

$$BEC = 0.01349$$

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	8483.49	0.0004	P	2.9
2	☐	0.100					
3	☐	1.000	1.583	9133.86	0.0004	P	2.2
4	☐	50.000	55.874	39519.85	0.0018	P	0.8
5	☐	125.000	134.751	83552.07	0.0038	P	0.4
6	☐	250.000	261.779	154036.37	0.0070	P	0.9
7	☐	500.000	509.256	295201.37	0.0133	P	1.0
8	☐	1000.000	990.914	562178.62	0.0256	P	2.3
9	☐			8536.22	0.0004	P	2.9

$$y = 2.5461\text{E-}005 * x + 3.8151\text{E-}004$$

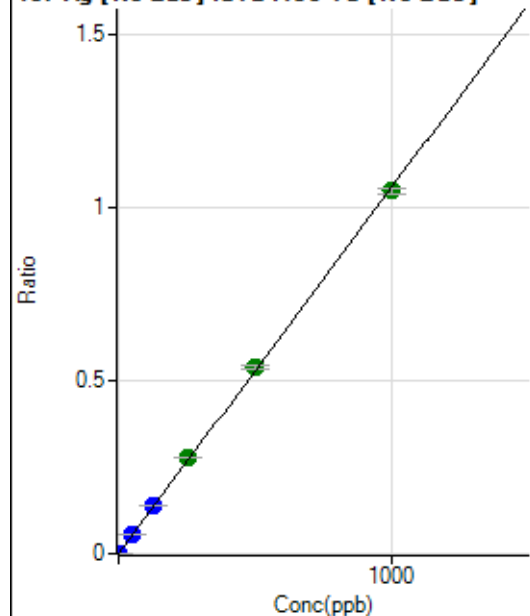
$$R = 0.9998$$

$$DL = 1.302$$

$$BEC = 14.98$$

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	188.90	0.0000	P	20.2
2	☐	0.100					
3	☐	1.000	1.095	25253.99	0.0012	P	2.9
4	☐	50.000	54.736	1267451.72	0.0579	P	0.7
5	☐	125.000	133.272	3087440.30	0.1409	P	0.7
6	☐	250.000	262.266	6059729.47	0.2772	A	0.3
7	☐	500.000	509.329	11906077.70	0.5383	A	1.2
8	☐	1000.000	990.998	22994515.27	1.0474	A	1.3
9	☐			3275.51	0.0002	P	4.6

$$y = 0.0011 * x + 8.4982\text{E-}006$$

$$R = 0.9998$$

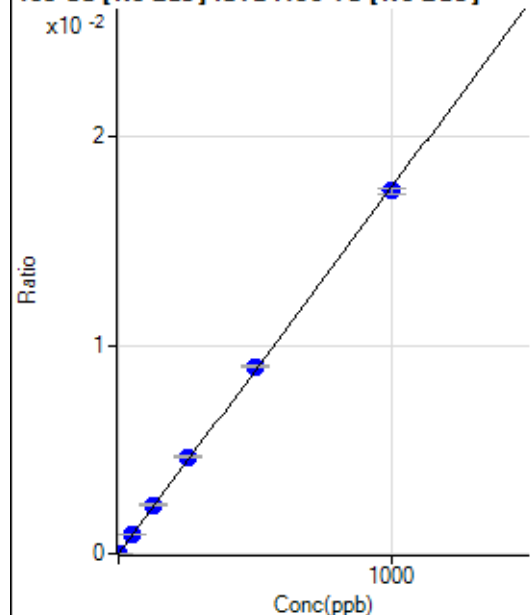
$$DL = 0.004881$$

$$BEC = 0.00804$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	23.61	0.0000	P	20.5
2	☐	0.100					
3	☐	1.000	1.042	419.46	0.0000	P	7.6
4	☐	50.000	53.975	20789.14	0.0009	P	0.6
5	☐	125.000	133.108	51256.45	0.0023	P	1.1
6	☐	250.000	263.644	101248.73	0.0046	P	1.5
7	☐	500.000	510.189	198214.85	0.0090	P	0.6
8	☐	1000.000	990.282	381834.29	0.0174	P	1.8
9	☐			115.28	0.0000	P	9.3

$$y = 1.7564E-005 * x + 1.0618E-006$$

$$R = 0.9998$$

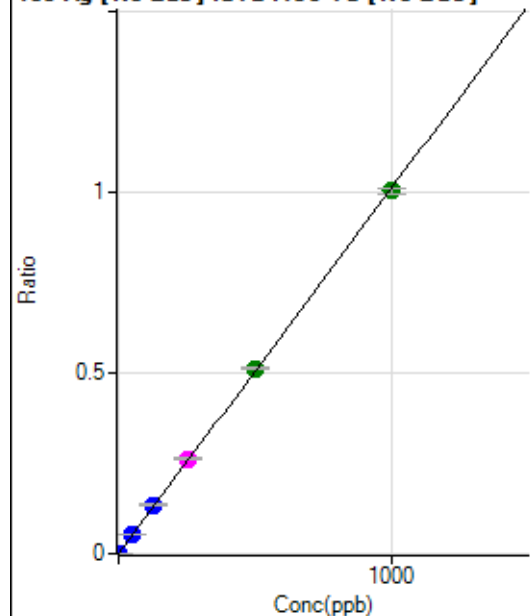
$$DL = 0.0371$$

$$BEC = 0.06046$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	130.56	0.0000	P	15.3
2	☐	0.100					
3	☐	1.000	1.080	23793.15	0.0011	P	2.5
4	☐	50.000	54.806	1214949.70	0.0555	P	0.6
5	☐	125.000	134.024	2972251.35	0.1356	P	0.8
6	☐	250.000	259.160	5732943.10	0.2623	M	1.2
7	☐	500.000	507.194	11350870.48	0.5132	A	1.4
8	☐	1000.000	992.744	22052754.31	1.0046	A	1.7
9	☐			3042.13	0.0001	P	4.6

$$y = 0.0010 * x + 5.8752E-006$$

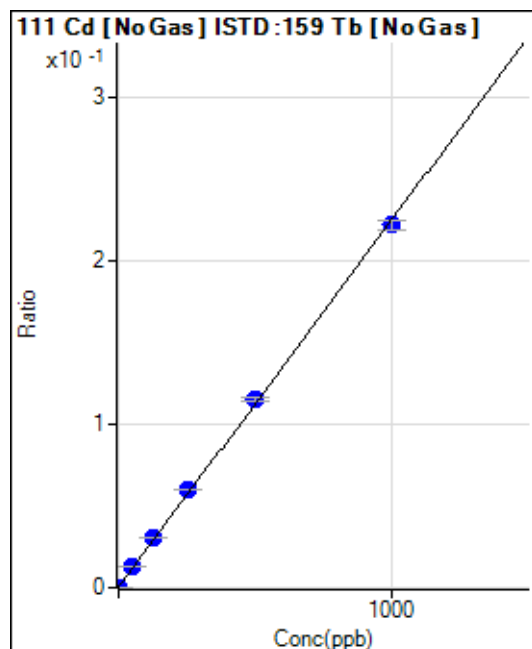
$$R = 0.9999$$

$$DL = 0.002668$$

$$BEC = 0.005806$$

Weight: <None>

Min Conc: 0



	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	5928.86	0.0003	P	3.0
2	☐	0.100					
3	☐	1.000	1.181	11516.50	0.0005	P	0.3
4	☐	50.000	55.542	279024.02	0.0127	P	0.6
5	☐	125.000	137.202	680978.07	0.0311	P	0.7
6	☐	250.000	266.012	1311516.47	0.0600	P	0.6
7	☐	500.000	513.640	2556487.08	0.1156	P	1.8
8	☐	1000.000	987.375	4872357.50	0.2220	P	2.3
9	☐			6675.25	0.0003	P	1.2

$$y = 2.2454\text{E-}004 * x + 2.6663\text{E-}004$$

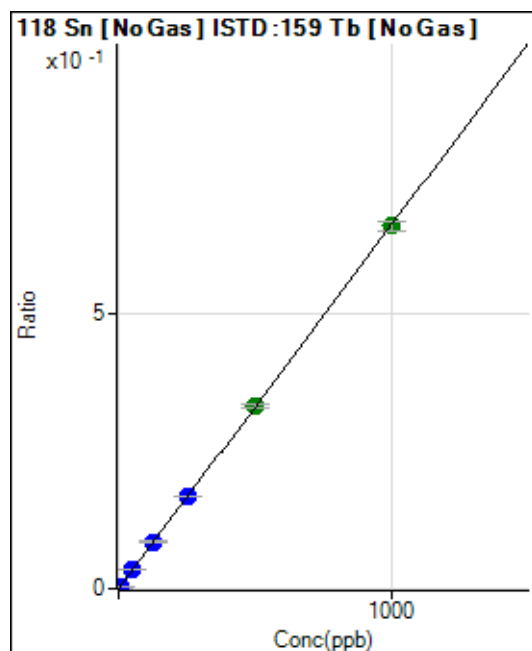
$$R = 0.9997$$

$$DL = 0.1055$$

$$BEC = 1.187$$

Weight: <None>

Min Conc: 0



	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	847.29	0.0000	P	3.4
2	☐	0.500					
3	☐	5.000	5.204	75455.38	0.0035	P	1.4
4	☐	50.000	52.296	759502.59	0.0347	P	0.9
5	☐	125.000	129.317	1877774.35	0.0857	P	0.6
6	☐	250.000	253.178	3666247.61	0.1677	P	0.6
7	☐	500.000	502.419	7359728.72	0.3328	A	1.4
8	☐	1000.000	997.341	14499730.01	0.6606	A	2.3
9	☐			18415.63	0.0009	P	2.1

$$y = 6.6229\text{E-}004 * x + 3.8097\text{E-}005$$

$$R = 1.0000$$

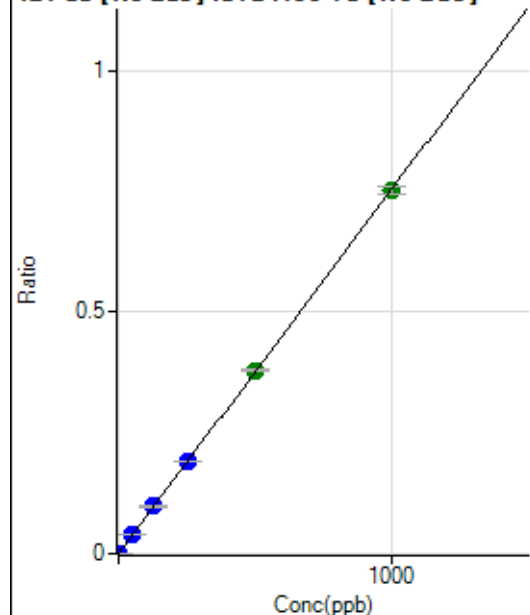
$$DL = 0.005944$$

$$BEC = 0.05752$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	111.12	0.0000	P	16.3
2	☐	0.200					
3	☐	2.000	2.038	33337.49	0.0015	P	1.3
4	☐	50.000	52.637	868111.08	0.0396	P	0.6
5	☐	125.000	129.905	2143260.42	0.0978	P	0.9
6	☐	250.000	254.399	4186630.30	0.1915	P	0.6
7	☐	500.000	503.350	8380365.81	0.3789	A	1.4
8	☐	1000.000	996.480	16467421.20	0.7502	A	2.0
9	☐			22727.51	0.0011	P	0.6

$$y = 7.5282\text{E-}004 * x + 5.0007\text{E-}006$$

$$R = 1.0000$$

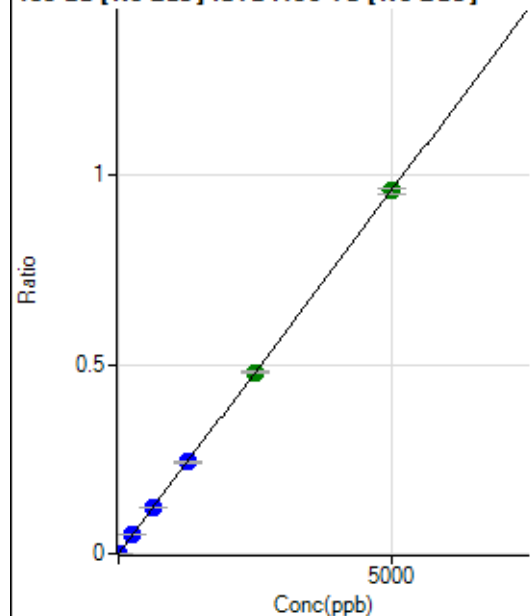
$$DL = 0.003241$$

$$BEC = 0.006643$$

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	41.67	0.0000	P	40.4
2	☐	1.000					
3	☐	10.000	10.241	42605.20	0.0020	P	1.2
4	☐	250.000	259.068	1089218.10	0.0497	P	0.6
5	☐	625.000	642.494	2702540.38	0.1233	P	0.4
6	☐	1250.000	1258.424	5279886.97	0.2415	P	0.7
7	☐	2500.000	2499.335	10609239.13	0.4797	A	1.0
8	☐	5000.000	4995.586	21048299.95	0.9588	A	1.5
9	☐			5948.73	0.0003	P	4.0

$$y = 1.9193\text{E-}004 * x + 1.8755\text{E-}006$$

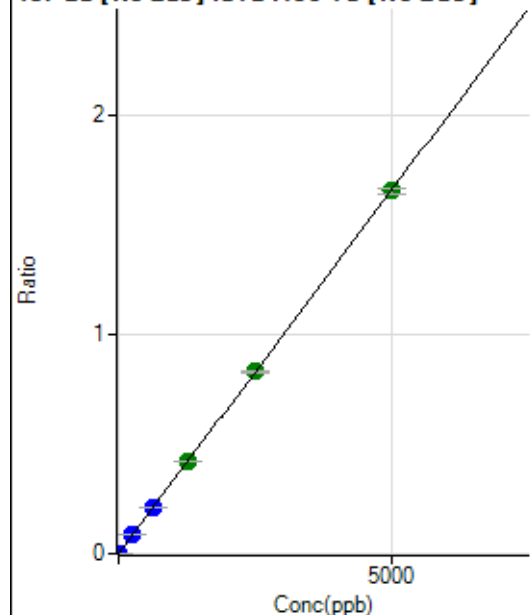
$$R = 1.0000$$

$$DL = 0.01185$$

$$BEC = 0.009772$$

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	72.22	0.0000	P	40.8
2	☐	1.000					
3	☐	10.000	10.230	73681.90	0.0034	P	1.4
4	☐	250.000	259.720	1890483.87	0.0863	P	0.8
5	☐	625.000	640.911	4667191.73	0.2130	P	0.8
6	☐	1250.000	1262.205	9168416.27	0.4194	A	0.2
7	☐	2500.000	2506.090	18416633.92	0.8327	A	1.4
8	☐	5000.000	4991.428	36409821.65	1.6586	A	1.7
9	☐			10401.59	0.0005	P	3.8

$$y = 3.3229\text{E-}004 * x + 3.2519\text{E-}006$$

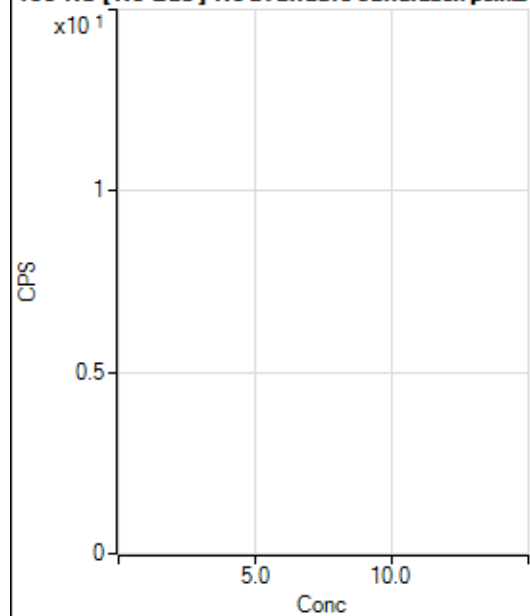
$$R = 1.0000$$

$$DL = 0.01197$$

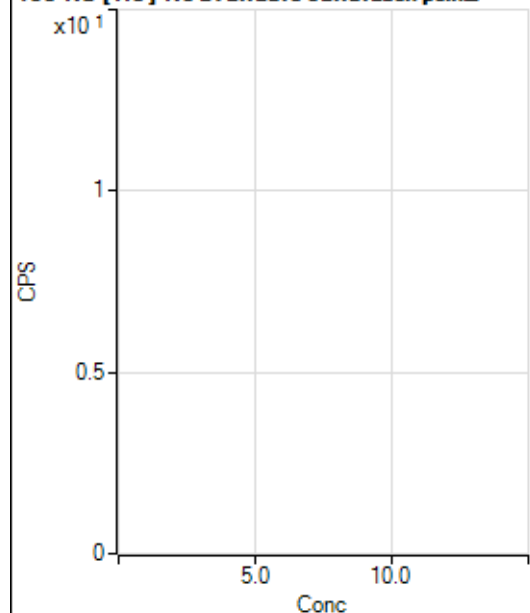
$$BEC = 0.009786$$

Weight: <None>

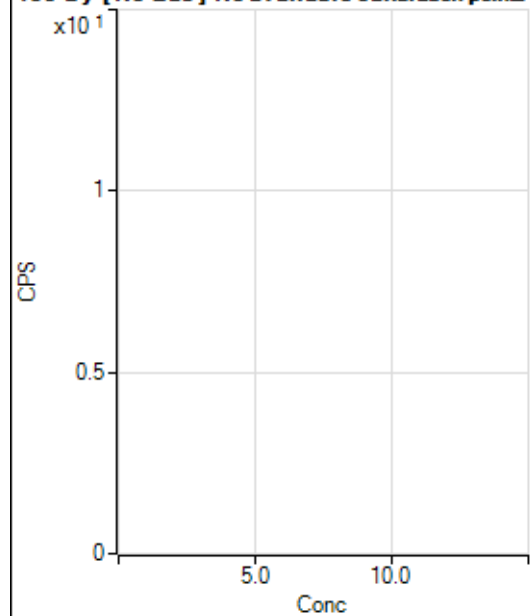
Min Conc: 0

150 Nd [No Gas] No available calibration points

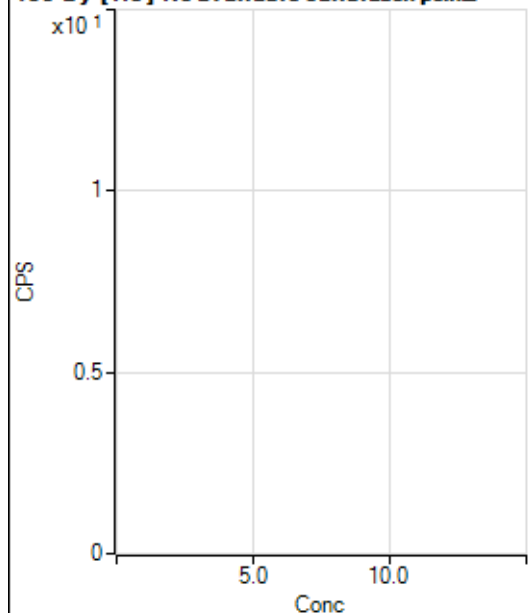
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐			6.67		P	100.
2	☐						
3	☐			13.33		P	NaN
4	☐			113.34		P	27.0
5	☐			237.79		P	4.3
6	☐			486.69		P	9.6
7	☐			931.18		P	2.7
8	☐			1775.73		P	6.0
9	☐			346.69		P	3.8

150 Nd [He] No available calibration points

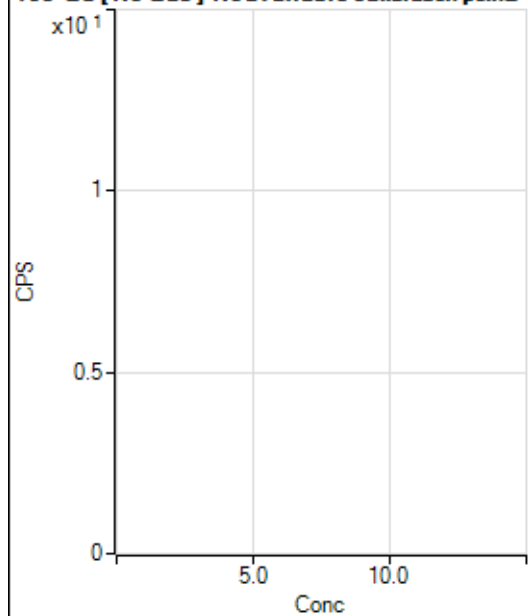
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			5.56		P	34.7
2	☐						
3	☐			3.33		P	100.
4	☐			8.89		P	78.1
5	☐			26.67		P	43.3
6	☐			63.33		P	38.0
7	☐			77.78		P	21.6
8	☐			154.45		P	10.9
9	☐			140.00		P	20.3

156 Dy [No Gas] No available calibration points

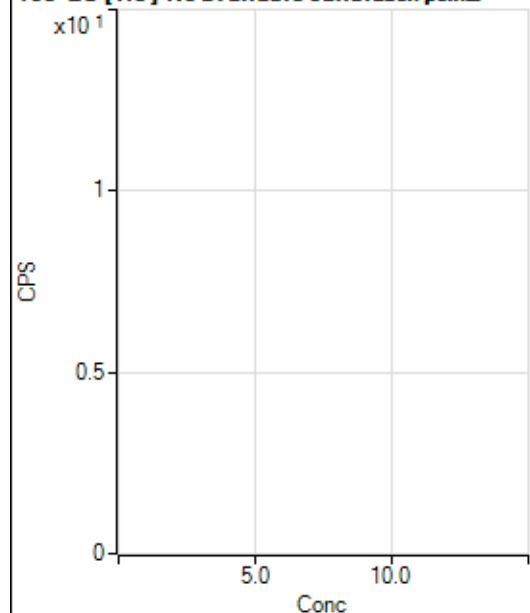
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			22.22		P	21.6
2	☐						
3	☐			5.56		P	173.
4	☐			30.56		P	31.5
5	☐			100.01		P	33.3
6	☐			144.45		P	31.8
7	☐			180.57		P	14.8
8	☐			366.69		P	7.9
9	☐			197.23		P	26.8

156 Dy [He] No available calibration points

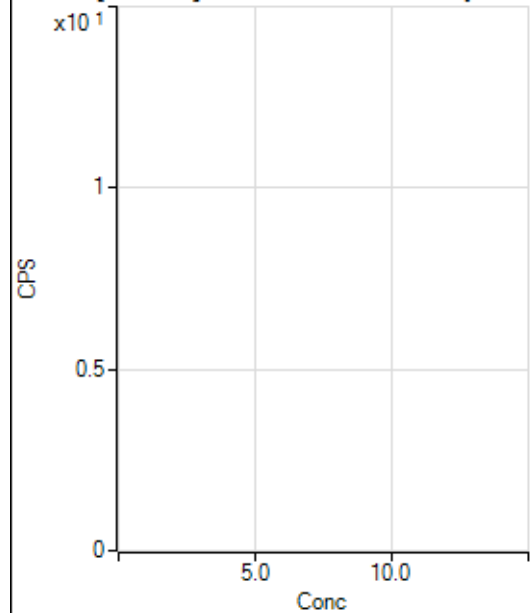
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			6.67		P	50.0
2	☐						
3	☐			12.22		P	68.7
4	☐			22.22		P	8.7
5	☐			35.55		P	30.1
6	☐			102.22		P	6.8
7	☐			162.22		P	18.6
8	☐			292.23		P	10.6
9	☐			105.56		P	17.4

160 Gd [No Gas] Noavailable calibration poin_

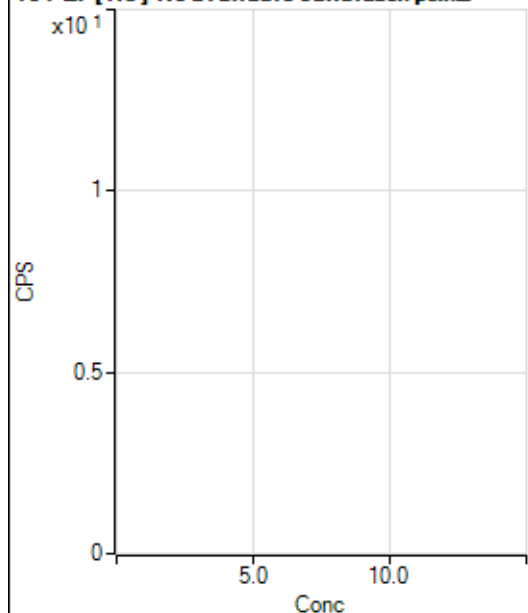
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			172.23		P	10.1
2	☐						
3	☐			172.23		P	15.6
4	☐			216.68		P	29.0
5	☐			186.12		P	9.3
6	☐			263.90		P	11.1
7	☐			225.02		P	35.3
8	☐			244.46		P	10.4
9	☐			294.46		P	17.1

160 Gd [He] No available calibration points

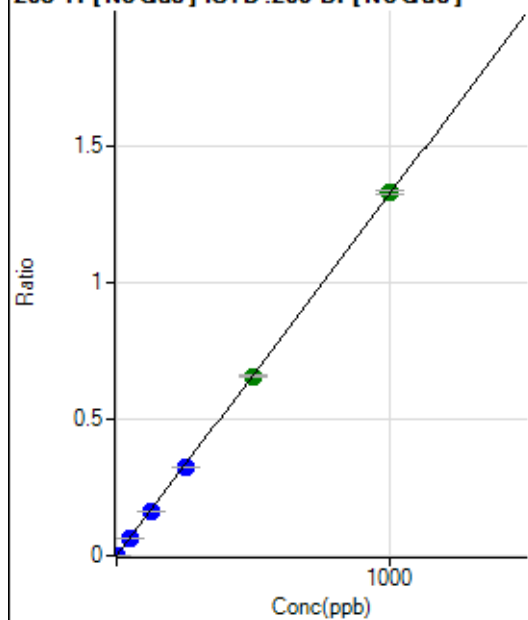
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			318.90		P	12.0
2	☐						
3	☐			312.23		P	4.4
4	☐			316.68		P	4.8
5	☐			311.12		P	21.5
6	☐			342.23		P	1.5
7	☐			372.24		P	1.4
8	☐			351.12		P	6.7
9	☐			388.90		P	6.1

164 Er [No Gas] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			97.23		P	26.2
2	☐						
3	☐			86.12		P	14.8
4	☐			55.56		P	37.8
5	☐			83.34		P	10.0
6	☐			97.23		P	4.9
7	☐			83.34		P	17.3
8	☐			80.56		P	15.8
9	☐			88.89		P	19.5

164 Er [He] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐			27.78		P	30.2
2	☐						
3	☐			57.78		P	17.6
4	☐			30.00		P	19.2
5	☐			31.11		P	53.9
6	☐			63.33		P	19.0
7	☐			40.00		P	8.3
8	☐			43.34		P	13.3
9	☐			53.33		P	25.0

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	286.13	0.0000	P	23.3
2	☐	0.100					
3	☐	1.000	0.985	18608.25	0.0013	P	1.6
4	☐	50.000	49.841	929529.38	0.0659	P	1.3
5	☐	125.000	123.863	2287581.85	0.1639	P	0.3
6	☐	250.000	244.880	4500159.30	0.3239	P	0.8
7	☐	500.000	495.565	9026502.37	0.6555	A	0.8
8	☐	1000.000	1003.648	17730705.26	1.3276	A	1.2
9	☐			5145.66	0.0005	P	4.5

$$y = 0.0013 * x + 1.9706E-005$$

$$R = 1.0000$$

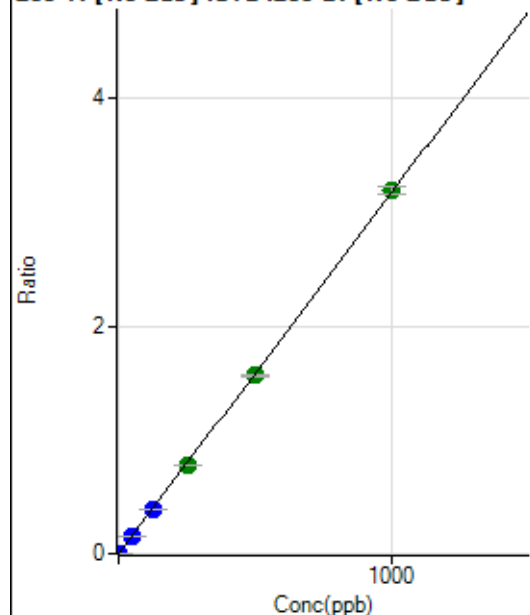
$$DL = 0.0104$$

$$BEC = 0.0149$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	725.06	0.0000	P	13.8
2	☐	0.100					
3	☐	1.000	0.996	45149.94	0.0032	P	0.5
4	☐	50.000	49.904	2232388.76	0.1584	P	1.5
5	☐	125.000	123.592	5474821.52	0.3922	P	0.9
6	☐	250.000	244.383	10772006.49	0.7754	A	0.4
7	☐	500.000	493.052	21540838.33	1.5644	A	1.0
8	☐	1000.000	1005.059	42585243.66	3.1889	A	2.0
9	☐			12050.34	0.0011	P	1.3

$$y = 0.0032 * x + 4.9939E-005$$

$$R = 0.9999$$

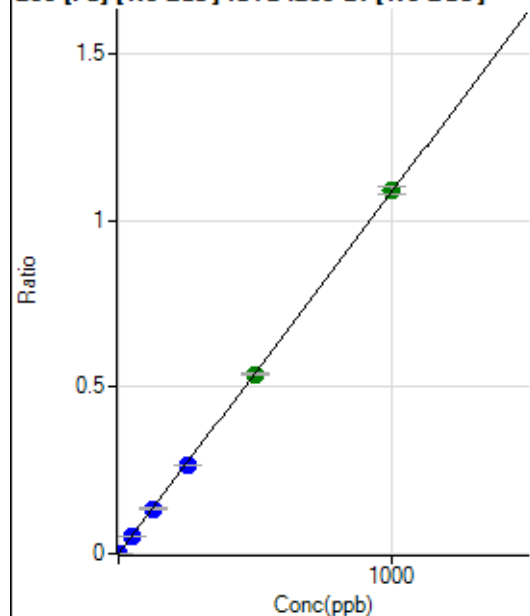
$$DL = 0.006528$$

$$BEC = 0.01574$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	485.21	0.0000	P	16.4
2	☐	0.100					
3	☐	1.000	0.984	15463.06	0.0011	P	0.7
4	☐	50.000	49.959	763489.35	0.0542	P	0.9
5	☐	125.000	124.955	1890587.46	0.1354	P	1.1
6	☐	250.000	245.558	3696838.54	0.2661	P	0.3
7	☐	500.000	495.094	7387317.76	0.5365	A	1.0
8	☐	1000.000	1003.571	14522098.47	1.0875	A	2.3
9	☐			24914.59	0.0022	P	0.2

$$y = 0.0011 * x + 3.3420E-005$$

$$R = 1.0000$$

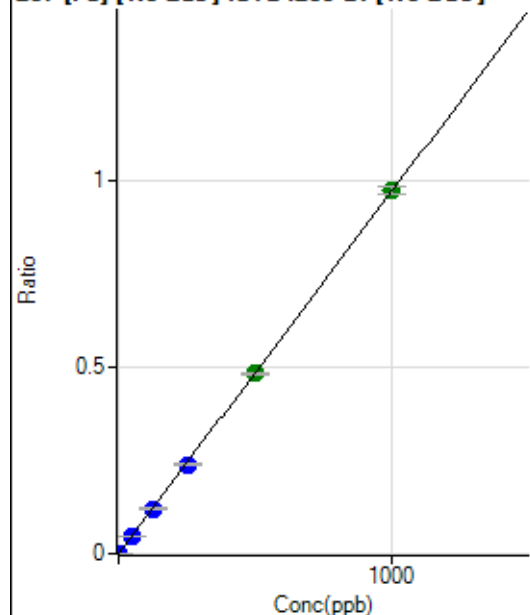
$$DL = 0.01515$$

$$BEC = 0.03084$$

Weight: <None>

Min Conc: 0

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



	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	438.91	0.0000	P	14.5
2	☐	0.100					
3	☐	1.000	0.996	14011.45	0.0010	P	3.1
4	☐	50.000	49.949	682659.28	0.0484	P	0.7
5	☐	125.000	124.537	1685143.29	0.1207	P	0.7
6	☐	250.000	246.484	3318527.85	0.2389	P	0.8
7	☐	500.000	497.141	6633691.06	0.4818	A	1.0
8	☐	1000.000	1002.369	12971467.08	0.9714	A	2.2
9	☐			21302.76	0.0019	P	1.4

$$y = 9.6903\text{E-}004 * x + 3.0231\text{E-}005$$

$$R = 1.0000$$

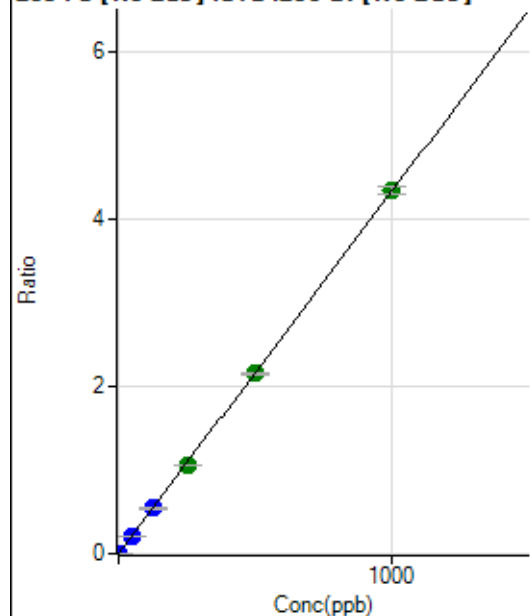
$$DL = 0.01359$$

$$BEC = 0.0312$$

Weight: <None>

Min Conc: 0

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



	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	2066.79	0.0001	P	8.8
2	☐	0.100					
3	☐	1.000	1.004	63210.44	0.0045	P	0.3
4	☐	50.000	50.099	3060885.54	0.2172	P	0.5
5	☐	125.000	124.880	7553745.33	0.5411	P	0.5
6	☐	250.000	246.540	14837900.13	1.0681	A	0.1
7	☐	500.000	497.256	29661208.59	2.1541	A	1.0
8	☐	1000.000	1002.247	57979423.41	4.3417	A	2.0
9	☐			97804.88	0.0088	P	0.0

$$y = 0.0043 * x + 1.4236\text{E-}004$$

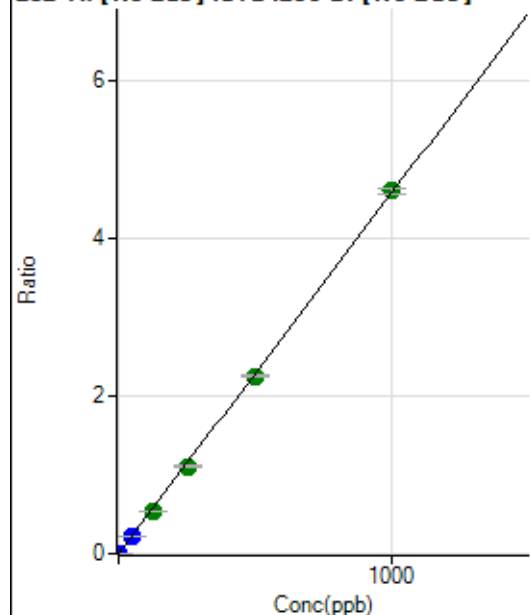
$$R = 1.0000$$

$$DL = 0.008671$$

$$BEC = 0.03286$$

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	324.09	0.0000	P	4.2
2	☐	0.100					
3	☐	1.000	0.951	61364.57	0.0044	P	0.7
4	☐	50.000	47.658	3065545.15	0.2175	P	0.9
5	☐	125.000	119.664	7623111.28	0.5461	A	0.5
6	☐	250.000	242.138	15349414.81	1.1049	A	0.7
7	☐	500.000	492.012	30915051.15	2.2451	A	0.6
8	☐	1000.000	1006.744	61350371.28	4.5939	A	1.7
9	☐			16657.41	0.0015	P	9.6

$$y = 0.0046 * x + 2.2323E-005$$

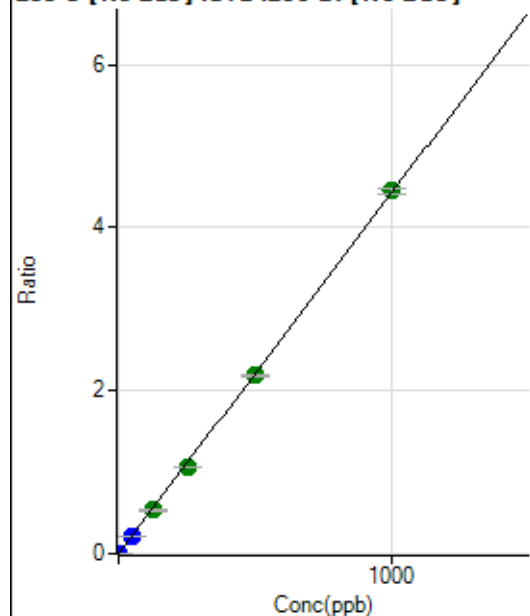
$$R = 0.9999$$

$$DL = 0.0006174$$

$$BEC = 0.004892$$

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	155.57	0.0000	P	27.4
2	☐	0.100					
3	☐	1.000	0.951	59323.20	0.0042	P	1.5
4	☐	50.000	47.970	2990262.09	0.2122	P	1.0
5	☐	125.000	120.117	7415755.68	0.5312	A	0.9
6	☐	250.000	241.613	14843244.43	1.0685	A	0.6
7	☐	500.000	493.554	30054149.98	2.1827	A	0.9
8	☐	1000.000	1006.032	59414379.11	4.4490	A	1.8
9	☐			11844.89	0.0011	P	1.1

$$y = 0.0044 * x + 1.0715E-005$$

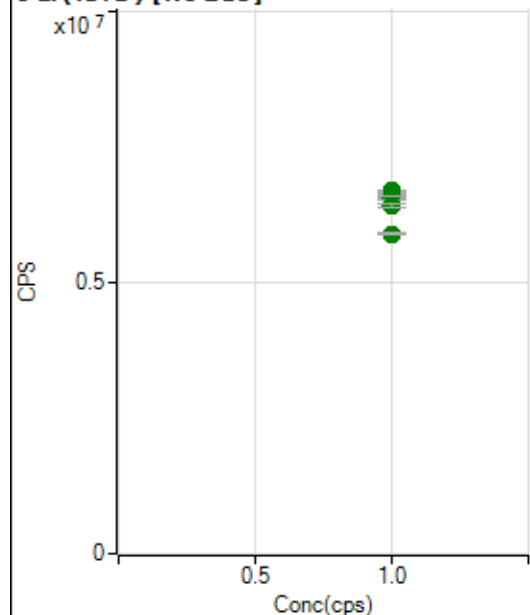
$$R = 0.9999$$

$$DL = 0.001993$$

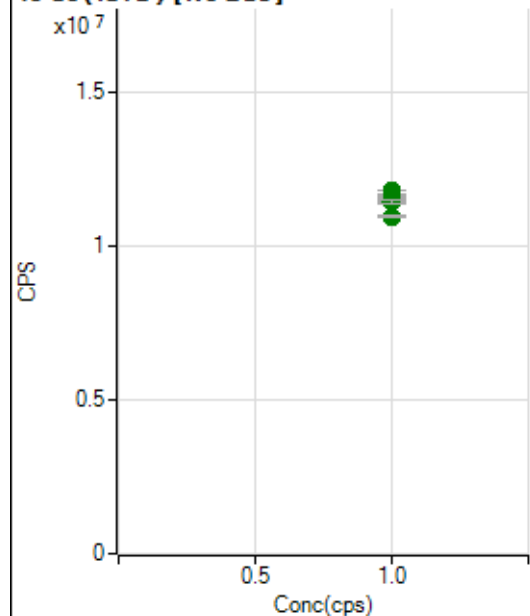
$$BEC = 0.002423$$

Weight: <None>

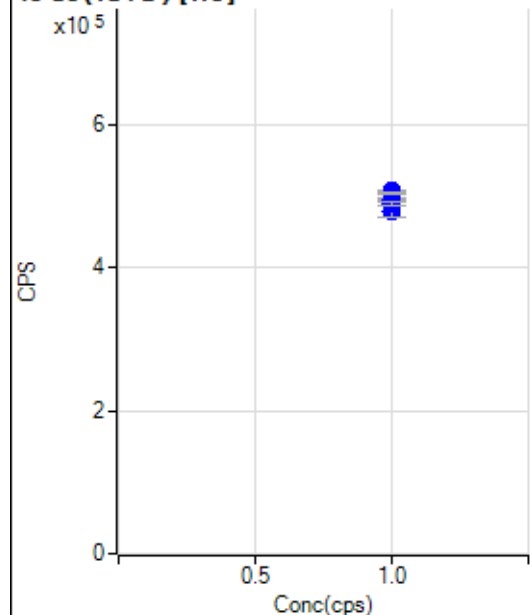
Min Conc: 0

6 Li (ISTD) [No Gas]

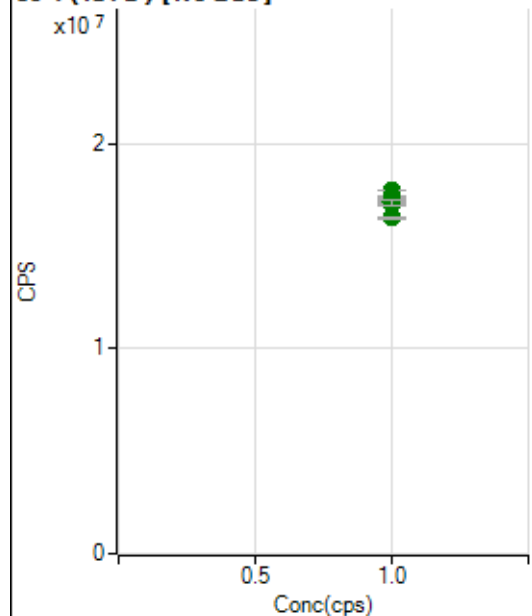
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	1.000		6679905.18		A	0.6
2	☐	1.000					
3	☐	1.000		6561053.86		A	0.2
4	☐	1.000		6618110.11		A	0.3
5	☐	1.000		6560588.72		A	0.9
6	☐	1.000		6531358.38		A	0.6
7	☐	1.000		6536452.06		A	1.2
8	☐	1.000		6392656.29		A	1.1
9	☐	1.000		5892135.40		A	1.0

45 Sc (ISTD) [No Gas]

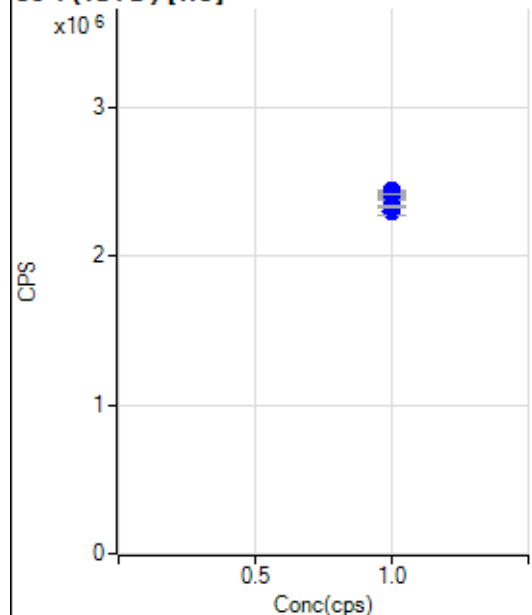
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	1.000		11808841.49		A	0.1
2	☐	1.000					
3	☐	1.000		11580459.29		A	0.3
4	☐	1.000		11688765.71		A	0.3
5	☐	1.000		11554306.68		A	0.3
6	☐	1.000		11435113.19		A	0.4
7	☐	1.000		11480378.29		A	0.8
8	☐	1.000		11456794.27		A	1.5
9	☐	1.000		10984122.47		A	0.3

45 Sc (ISTD) [He]

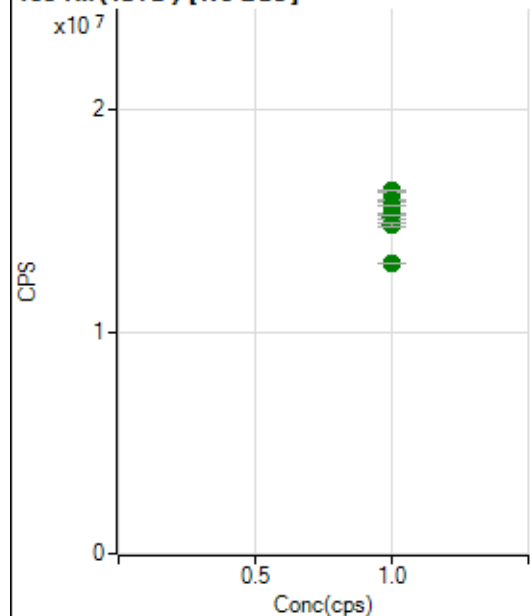
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		506264.79		P	0.7
2	☐	1.000					
3	☐	1.000		505950.64		P	0.7
4	☐	1.000		506939.70		P	0.5
5	☐	1.000		496290.74		P	0.7
6	☐	1.000		494426.11		P	0.8
7	☐	1.000		503452.73		P	0.5
8	☐	1.000		478000.91		P	3.0
9	☐	1.000		489116.22		P	0.7

89 Y (ISTD) [No Gas]

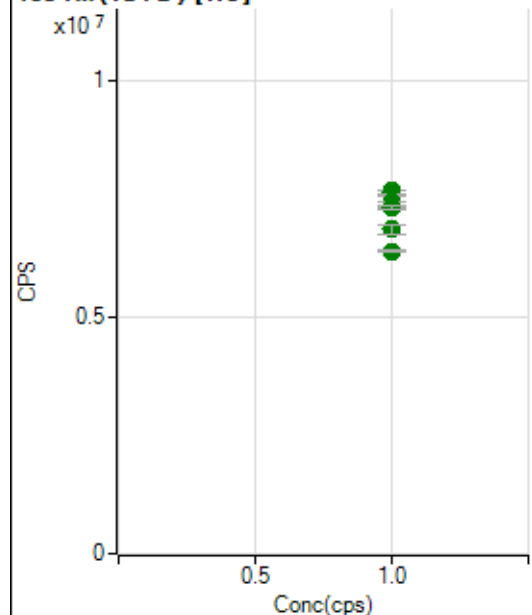
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		17680872.38		A	0.1
2	☐	1.000					
3	☐	1.000		17388304.74		A	0.2
4	☐	1.000		17428240.57		A	0.2
5	☐	1.000		17282894.60		A	1.0
6	☐	1.000		17102685.16		A	0.1
7	☐	1.000		17259380.44		A	0.6
8	☐	1.000		17117623.08		A	1.3
9	☐	1.000		16364115.87		A	0.2

89 Y(ISTD) [He]

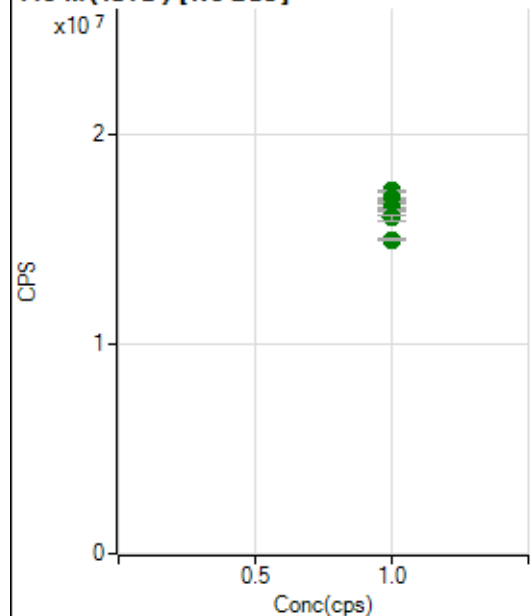
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	1.000		2433715.83		P	0.2
2	☐	1.000					
3	☐	1.000		2430622.41		P	0.8
4	☐	1.000		2442039.98		P	0.4
5	☐	1.000		2406049.01		P	0.4
6	☐	1.000		2378342.03		P	0.2
7	☐	1.000		2418621.68		P	0.3
8	☐	1.000		2306438.23		P	2.9
9	☐	1.000		2332053.65		P	0.6

103 Rh(ISTD) [No Gas]

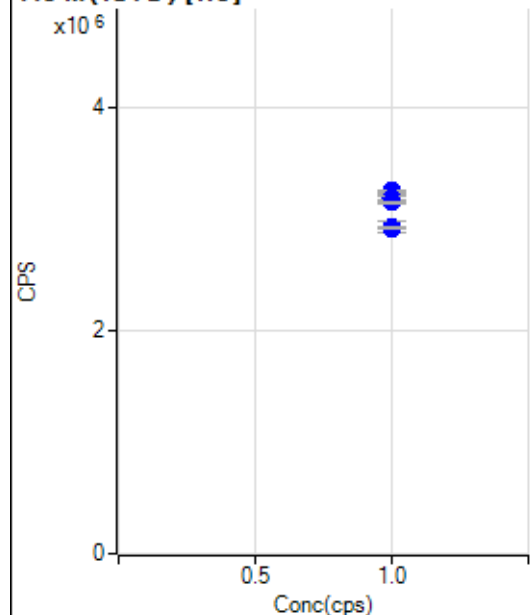
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	1.000		16338650.71		A	0.5
2	☐	1.000					
3	☐	1.000		15923307.65		A	0.4
4	☐	1.000		15868542.72		A	0.4
5	☐	1.000		15681086.11		A	0.3
6	☐	1.000		15281392.53		A	0.2
7	☐	1.000		15171664.58		A	1.4
8	☐	1.000		14811617.52		A	1.5
9	☐	1.000		13065150.38		A	0.4

103 Rh (ISTD) [He]

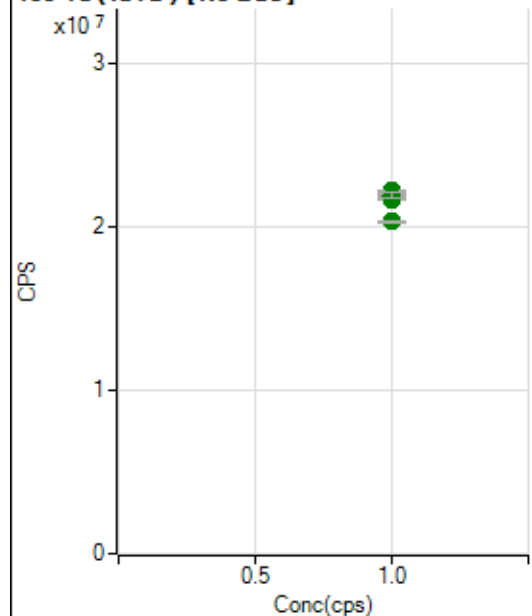
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	1.000		7625713.91		A	0.8
2	☐	1.000					
3	☐	1.000		7655757.53		A	0.2
4	☐	1.000		7582083.85		A	0.4
5	☐	1.000		7428434.26		A	0.2
6	☐	1.000		7314348.57		A	0.3
7	☐	1.000		7300895.79		A	0.9
8	☐	1.000		6847918.51		A	3.2
9	☐	1.000		6377892.06		A	0.6

115 In (ISTD) [No Gas]

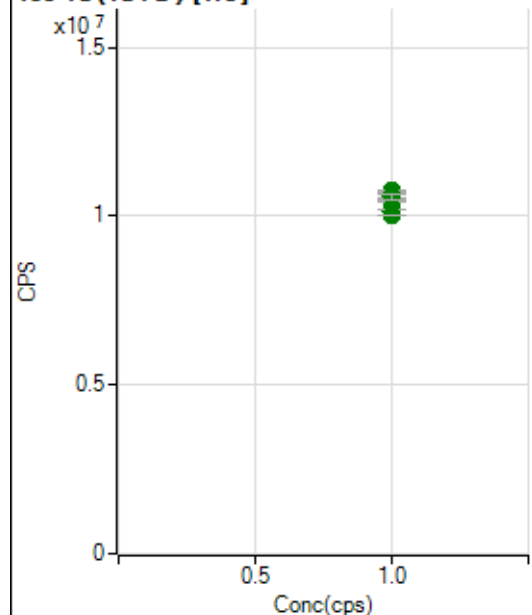
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	1.000		17313974.54		A	0.3
2	☐	1.000					
3	☐	1.000		16855896.35		A	0.5
4	☐	1.000		16965318.18		A	0.4
5	☐	1.000		16774979.31		A	0.5
6	☐	1.000		16535912.47		A	0.3
7	☐	1.000		16415545.36		A	0.5
8	☐	1.000		16016238.38		A	1.6
9	☐	1.000		14980478.23		A	0.4

115 In (ISTD) [He]

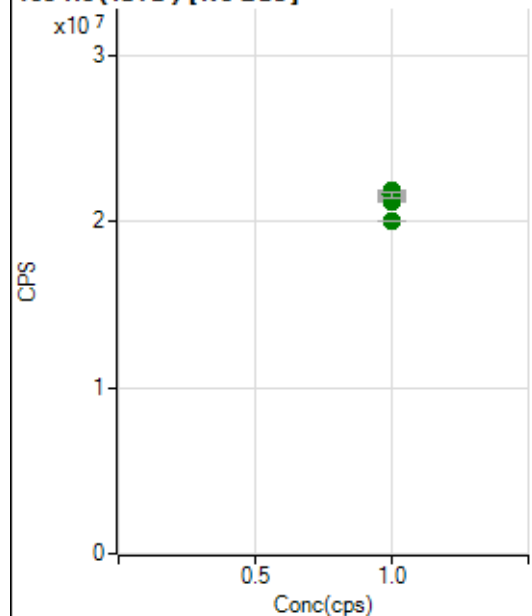
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		3229610.69		P	0.1
2	☐	1.000					
3	☐	1.000		3248432.66		P	0.5
4	☐	1.000		3249231.70		P	0.4
5	☐	1.000		3184590.11		P	0.7
6	☐	1.000		3145073.49		P	0.4
7	☐	1.000		3146587.81		P	0.4
8	☐	1.000		2928841.19		P	3.5
9	☐	1.000		2918659.31		P	0.9

159 Tb (ISTD) [No Gas]

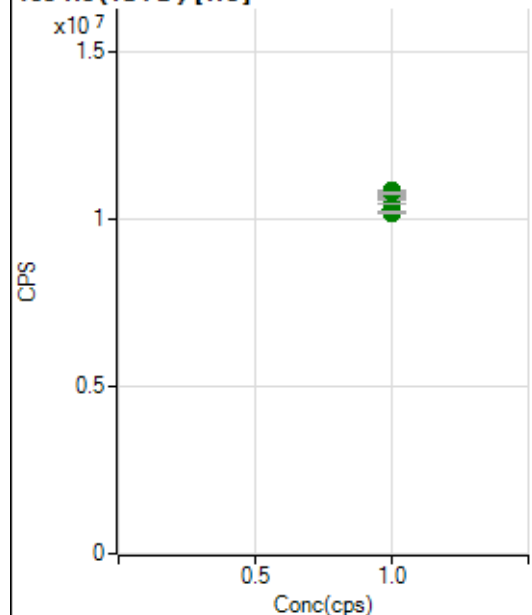
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		22237044.11		A	0.7
2	☐	1.000					
3	☐	1.000		21654313.01		A	0.1
4	☐	1.000		21905175.51		A	0.4
5	☐	1.000		21916078.56		A	1.1
6	☐	1.000		21859869.67		A	0.2
7	☐	1.000		22118109.11		A	1.2
8	☐	1.000		21956688.84		A	1.8
9	☐	1.000		20361160.81		A	0.3

159 Tb (ISTD) [He]

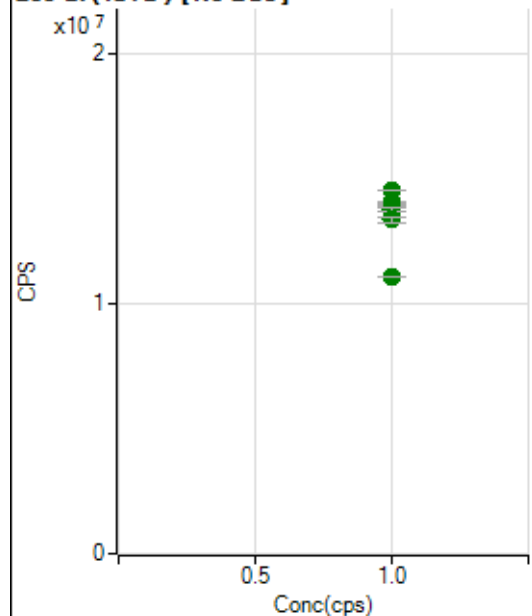
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	1.000		10743618.31		A	0.6
2	☐	1.000					
3	☐	1.000		10539311.86		A	0.4
4	☐	1.000		10527240.82		A	0.4
5	☐	1.000		10436668.67		A	0.8
6	☐	1.000		10443617.69		A	0.9
7	☐	1.000		10563571.09		A	1.1
8	☐	1.000		10110144.71		A	2.1
9	☐	1.000		10016125.27		A	0.3

165 Ho (ISTD) [No Gas]

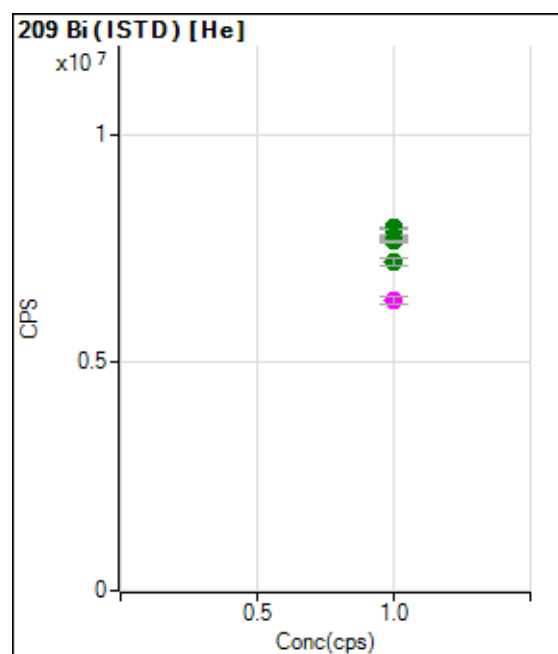
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	1.000		21814511.95		A	0.5
2	☐	1.000					
3	☐	1.000		21198881.38		A	0.6
4	☐	1.000		21410616.97		A	0.6
5	☐	1.000		21405890.76		A	1.5
6	☐	1.000		21434620.79		A	0.2
7	☐	1.000		21639899.27		A	1.0
8	☐	1.000		21590033.12		A	1.9
9	☐	1.000		20008211.91		A	0.5

165 Ho (ISTD) [He]

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	1.000		10848045.12		A	0.3
2	☐	1.000					
3	☐	1.000		10703782.48		A	0.3
4	☐	1.000		10674311.65		A	0.2
5	☐	1.000		10616704.22		A	0.7
6	☐	1.000		10621314.77		A	0.4
7	☐	1.000		10791160.25		A	0.4
8	☐	1.000		10318708.80		A	2.6
9	☐	1.000		10198356.17		A	0.5

209 Bi (ISTD) [No Gas]

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	1.000		14517378.39		A	0.1
2	☐	1.000					
3	☐	1.000		14068036.73		A	0.6
4	☐	1.000		14095176.60		A	0.3
5	☐	1.000		13960328.40		A	0.7
6	☐	1.000		13891899.79		A	0.5
7	☐	1.000		13770108.82		A	0.9
8	☐	1.000		13356770.77		A	1.4
9	☐	1.000		11078769.56		A	0.4



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	1.000		7926728.15		A	0.2
2	☐	1.000					
3	☐	1.000		7953976.62		A	0.3
4	☐	1.000		7927892.66		A	0.2
5	☐	1.000		7772493.63		A	0.8
6	☐	1.000		7688728.91		A	0.4
7	☐	1.000		7661446.69		A	0.3
8	☐	1.000		7195235.66		A	2.2
9	☐	1.000		6359669.42		M	2.3

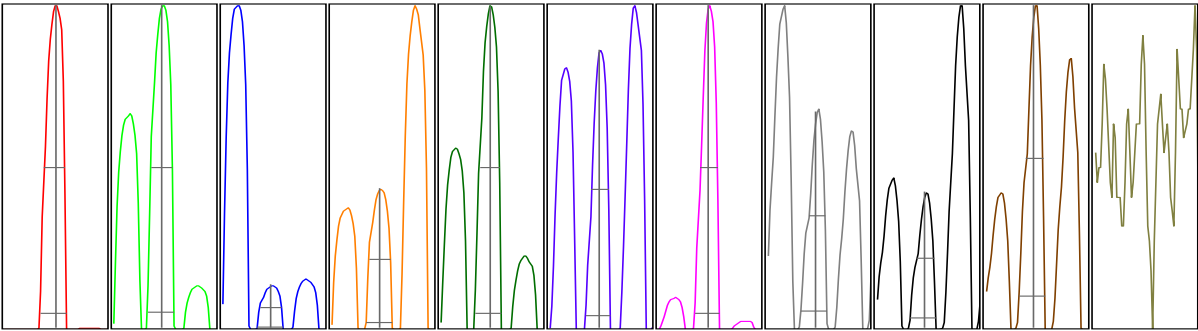
US EPA Tune Check Sample Report

Batch Folder D:\ICP-MS Data\P7102318 MS.b
Report Comment
Instrument Name G8403A JP14410463

[No Gas]					
Mass	Count	RSD%	RSD%	RSD%	
	(Mean)	(Actual)	(Required)	(Flag)	
9	28790	1.26	5.00		
24	205702	1.36	5.00		
25	27560	1.50	5.00		
26	31609	1.35	5.00		
59	183226	1.37	5.00		
113	21469	1.44	5.00		
115	252193	2.04	5.00		
206	61139	1.25	5.00		
207	56996	1.20	5.00		
208	131391	1.55	5.00		
220	1	11.77			

Mass	Replicate 1 Count	Replicate 2 Count	Replicate 3 Count	Replicate 4 Count	Replicate 5 Count
9	28351	28819	28637	29345	28800
24	203542	206114	204779	210373	203700
25	27281	27674	27344	28235	27266
26	31224	31783	31501	32264	31273
59	180972	184512	182157	186991	181497
113	21180	21596	21287	21948	21335
115	248456	254093	248952	260442	249019
206	60310	61358	60484	62195	61348
207	56444	57012	56585	58157	56784
208	129467	132215	129828	134475	130969
220	1	1	1	1	1

Integration Time [sec] = 0.1



Mass	Peak Height	Axis (Actual)	Axis (Required)	Axis (Flag)	Width-X% (Actual)	Width-X% (Required)	Width- X% (Flag)
9	49800	9.05	8.9 - 9.1		0.773	0.900	
24	348611	23.95	23.9 - 24.1		0.777	0.900	
25	46631	24.95	24.9 - 25.1		0.744	0.900	
26	53843	25.95	25.9 - 26.1		0.746	0.900	
59	325207	59.00	58.9 - 59.1		0.774	0.900	
113	43221	113.00	112.9 - 113.1		0.716	0.900	
115	511075	115.00	114.9 - 115.1		0.714	0.900	
206	122155	205.95	205.9 - 206.1		0.746	0.900	
207	111899	206.95	206.9 - 207.1		0.734	0.900	
208	265060	207.95	207.9 - 208.1		0.741	0.900	
220			-				

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	6.2	V	Deflect	13.6	V
Extract 2	-140.0	V	Cell Entrance	-30	V	Plate Bias	-35	V
Omega Bias	-80	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	43770	1.41	
89	21736	1.58	
205	50060	0.83	

Mass	Replicate 1 Count	Replicate 2 Count	Replicate 3 Count	Replicate 4 Count	Replicate 5 Count
59	44132	42677	44110	44053	43877
89	22008	21137	21843	21900	21791
205	50247	49340	50274	50364	50074

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	2.2	V
Extract 2	-135.0	V	Cell Entrance	-40	V	Plate Bias	-60	V
Omega Bias	-70	V	Cell Exit	-60	V			

Cell Parameters

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

LB Number :	LB98797	Operator :	Jaswal
Lab Sample ID :	S0	Instrumnet Name :	P7
Client Sample ID :	S0	Dilution Factor :	1
Date & Time Acquired ::	2018-10-23 14:57:39	DataFile Name :	003CALB.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	-0.09	-0.01	0.10	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	0.00	0.00	N/A	ppb
Barium	135-1	0.00	0.00	0.00	0.00	N/A	ppb
Barium	137-1	0.00	0.00	0.00	0.00	N/A	ppb
Beryllium	9-1	0.00	0.00	0.00	0.00	N/A	ppb
Bismuth	209-1				100		%
Bismuth	209-2				100		%
Boron	10-1	0.00	0.04	-0.04	0.00	N/A	ppb
Boron	11-1	-0.02	0.03	0.00	0.00	N/A	ppb
Cadmium	111-1	-0.04	0.01	0.03	0.00	N/A	ppb
Cadmium	106-1	-0.49	0.14	0.34	0.00	N/A	ppb
Cadmium	108-1	0.01	-0.01	-0.01	0.00	N/A	ppb
Calcium	43-1	0.87	-1.58	0.72	0.00	N/A	ppb
Calcium	44-1	0.08	-0.02	-0.07	0.00	N/A	ppb
Chromium	52-2	0.00	0.00	0.00	0.00	N/A	ppb
Cobalt	59-2	0.00	0.00	0.00	0.00	N/A	ppb
Copper	63-2	-0.01	0.01	0.00	0.00	N/A	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				100		%
Holmium	165-2				100		%
Indium	115-1				100		%
Indium	115-2				100		%
Iron	56-2	0.05	-0.04	-0.01	0.00	N/A	ppb
Iron	57-2	-0.39	0.44	-0.05	0.00	N/A	ppb
Krypton	83-1						cps
Lead	206-1	-0.01	0.00	0.00	0.00	N/A	ppb
Lead	207-1	-0.01	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	-0.03	-0.01	0.04	0.00	N/A	ppb

LB Number :	LB98797	Operator :	Jaswal
Lab Sample ID :	S0	Instrumnet Name :	P7
Client Sample ID :	S0	Dilution Factor :	1
Date & Time Acquired ::	2018-10-23 14:57:39	DataFile Name :	003CALB.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	0.00	0.00	0.00	0.00	N/A	ppb
Molybdenum	94-1	0.00	0.01	-0.01	0.00	N/A	ppb
Molybdenum	95-1	0.00	0.00	0.00	0.00	N/A	ppb
Molybdenum	96-1	0.00	0.00	0.00	0.00	N/A	ppb
Molybdenum	97-1	0.00	0.00	0.00	0.00	N/A	ppb
Molybdenum	98-1	0.00	0.00	0.00	0.00	N/A	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	-0.01	0.01	0.00	0.00	N/A	ppb
Phosphorus	31-2	-4.84	-4.70	2.91	-2.21		ppb
Potassium	39-2	0.55	0.32	-0.87	0.00	N/A	ppb
Rhodium	103-1				100		%
Rhodium	103-2				100		%
Scandium	45-1				100		%
Scandium	45-2				100		%
Selenium	77-2	0.00	0.00	0.00	0.00	N/A	ppb
Selenium	78-2	-0.12	0.03	0.09	0.00	N/A	ppb
Selenium	82-1	0.10	-0.07	-0.03	0.00	N/A	ppb
Silicon	28-1	-0.09	0.09	0.00	0.00	N/A	ppb
Silver	109-1	0.00	0.00	0.00	0.00	N/A	ppb
Silver	107-1	0.00	0.00	0.00	0.00	N/A	ppb
Sodium	23-2	0.73	-0.22	-0.51	0.00	N/A	ppb
Strontium	86-1	0.01	0.02	-0.03	0.00	N/A	ppb
Strontium	88-1	0.00	0.00	0.00	0.00	N/A	ppb
Sulfur	34-1	-259.93	-332.75	-338.91	-310.53		ppb
Terbium	159-1				100		%
Terbium	159-2				100		%
Thallium	203-1	0.00	0.00	0.00	0.00	N/A	ppb
Thallium	205-1	0.00	0.00	0.00	0.00	N/A	ppb
Thorium	232-1	0.00	0.00	0.00	0.00	N/A	ppb
Tin	118-1	0.00	0.00	0.00	0.00	N/A	ppb
Titanium	47-1	0.00	0.00	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 :	LB98797	Operator :	Jaswal
Lab Sample ID :	S0	Instrumnet Name :	P7
Client Sample ID :	S0	Dilution Factor :	1
Date & Time Acquired ::	2018-10-23 14:57:39	DataFile Name :	003CALB.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zinc	66-2	-0.12	0.08	0.04	0.00	N/A	ppb
Zirconium	90-1	0.01	0.00	-0.01	0.00	N/A	ppb
Zirconium	91-1	0.00	0.00	0.00	0.00	N/A	ppb

LB Number : LB98797 Operator : Jaswal
 Lab Sample ID : S2 Instrumnet Name : P7
 Client Sample ID : S2 Dilution Factor : 1
 Date & Time Acquired :: 2018-10-23 15:06:27 DataFile Name : 005CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	18.46	19.65	21.87	19.99	8.67	ppb
Antimony	121-1	2.01	2.06	2.04	2.04	1.32	ppb
Arsenic	75-2	1.09	1.04	1.05	1.06	2.50	ppb
Barium	135-1	10.37	10.22	10.13	10.24	1.22	ppb
Barium	137-1	10.33	10.06	10.30	10.23	1.42	ppb
Beryllium	9-1	1.04	1.06	0.97	1.02	4.96	ppb
Bismuth	209-1				97		%
Bismuth	209-2				100		%
Boron	10-1	25.10	25.27	25.80	25.39	1.43	ppb
Boron	11-1	24.87	24.74	24.77	24.79	0.26	ppb
Cadmium	111-1	1.19	1.18	1.17	1.18	0.60	ppb
Cadmium	106-1	1.84	1.16	1.75	1.58	23.36	ppb
Cadmium	108-1	1.04	0.96	1.12	1.04	7.99	ppb
Calcium	43-1	476.21	463.57	463.71	467.83	1.55	ppb
Calcium	44-1	479.54	481.51	483.19	481.41	0.38	ppb
Chromium	52-2	2.16	2.26	2.15	2.19	2.73	ppb
Cobalt	59-2	1.06	1.06	1.07	1.07	0.34	ppb
Copper	63-2	2.11	2.17	2.17	2.15	1.45	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				97		%
Holmium	165-2				99		%
Indium	115-1				97		%
Indium	115-2				101		%
Iron	56-2	52.59	52.89	52.52	52.67	0.38	ppb
Iron	57-2	54.16	54.93	51.93	53.67	2.90	ppb
Krypton	83-1						cps
Lead	206-1	0.98	0.98	0.99	0.98	0.72	ppb
Lead	207-1	1.03	0.97	0.99	1.00	3.18	ppb
Lead	208-1	1.01	1.01	1.00	1.00	0.26	ppb
Lithium	6-1				98		%
Magnesium	24-2	504.20	516.39	507.72	509.43	1.23	ppb

LB Number :	LB98797	Operator :	Jaswal
Lab Sample ID :	S2	Instrumnet Name :	P7
Client Sample ID :	S2	Dilution Factor :	1
Date & Time Acquired ::	2018-10-23 15:06:27	DataFile Name :	005CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	1.08	1.11	1.06	1.08	2.47	ppb
Molybdenum	94-1	4.99	5.13	5.11	5.08	1.46	ppb
Molybdenum	95-1	4.98	4.86	5.04	4.96	1.85	ppb
Molybdenum	96-1	5.10	4.96	5.06	5.04	1.48	ppb
Molybdenum	97-1	4.96	5.11	5.01	5.03	1.55	ppb
Molybdenum	98-1	5.02	5.02	5.02	5.02	0.08	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	1.20	1.16	1.15	1.17	2.48	ppb
Phosphorus	31-2	-0.21	7.85	-1.02	2.21	222.08	ppb
Potassium	39-2	485.09	493.54	489.96	489.53	0.87	ppb
Rhodium	103-1				97		%
Rhodium	103-2				100		%
Scandium	45-1				98		%
Scandium	45-2				100		%
Selenium	77-2	6.65	5.06	5.80	5.83	13.63	ppb
Selenium	78-2	5.00	5.31	6.00	5.44	9.40	ppb
Selenium	82-1	5.35	5.37	5.54	5.42	1.92	ppb
Silicon	28-1	15.92	15.64	15.50	15.69	1.36	ppb
Silver	109-1	1.08	1.05	1.11	1.08	2.47	ppb
Silver	107-1	1.09	1.07	1.13	1.10	2.90	ppb
Sodium	23-2	498.42	506.49	497.41	500.77	0.99	ppb
Strontium	86-1	0.99	1.05	1.07	1.04	4.17	ppb
Strontium	88-1	1.01	1.04	1.04	1.03	1.48	ppb
Sulfur	34-1	274.38	292.72	364.49	310.53	15.34	ppb
Terbium	159-1				97		%
Terbium	159-2				98		%
Thallium	203-1	0.97	0.99	1.00	0.99	1.59	ppb
Thallium	205-1	1.00	1.00	0.99	1.00	0.56	ppb
Thorium	232-1	0.96	0.95	0.94	0.95	0.70	ppb
Tin	118-1	5.27	5.12	5.22	5.20	1.46	ppb
Titanium	47-1	5.22	5.00	4.78	5.00	4.33	ppb
Uranium	238-1	0.94	0.96	0.96	0.95	1.48	ppb
Vanadium	51-2	4.96	5.03	5.00	5.00	0.76	ppb
Yttrium	89-1				98		%
Yttrium	89-2				100		%

LB Number :	LB98797	Operator :	Jaswal
Lab Sample ID :	S2	Instrumnet Name :	P7
Client Sample ID :	S2	Dilution Factor :	1
Date & Time Acquired ::	2018-10-23 15:06:27	DataFile Name :	005CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zinc	66-2	2.06	2.21	2.62	2.30	12.47	ppb
Zirconium	90-1	1.03	1.02	1.07	1.04	2.25	ppb
Zirconium	91-1	1.03	0.98	1.06	1.02	4.29	ppb

LB Number :	LB98797	Operator :	Jaswal
Lab Sample ID :	S3	Instrumnet Name :	P7
Client Sample ID :	S3	Dilution Factor :	1
Date & Time Acquired ::	2018-10-23 15:10:21	DataFile Name :	006CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	992.98	977.98	986.22	985.73	0.76	ppb
Antimony	121-1	52.31	52.95	52.65	52.64	0.61	ppb
Arsenic	75-2	50.57	51.05	51.46	51.02	0.87	ppb
Barium	135-1	257.68	260.59	258.94	259.07	0.56	ppb
Barium	137-1	257.37	261.63	260.17	259.72	0.83	ppb
Beryllium	9-1	52.25	52.38	51.93	52.19	0.44	ppb
Bismuth	209-1				97		%
Bismuth	209-2				100		%
Boron	10-1	49.99	50.93	53.74	51.56	3.78	ppb
Boron	11-1	49.79	50.59	52.05	50.81	2.25	ppb
Cadmium	111-1	55.18	55.83	55.61	55.54	0.59	ppb
Cadmium	106-1	56.48	55.43	55.70	55.87	0.97	ppb
Cadmium	108-1	53.76	54.34	53.83	53.97	0.59	ppb
Calcium	43-1	4901.97	4951.64	5007.80	4953.80	1.07	ppb
Calcium	44-1	4892.31	4870.32	4926.27	4896.30	0.58	ppb
Chromium	52-2	50.80	51.10	50.77	50.89	0.36	ppb
Cobalt	59-2	52.08	52.53	52.23	52.28	0.44	ppb
Copper	63-2	106.72	107.74	106.66	107.04	0.57	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				98		%
Holmium	165-2				98		%
Indium	115-1				98		%
Indium	115-2				101		%
Iron	56-2	2576.58	2635.92	2570.51	2594.34	1.39	ppb
Iron	57-2	2612.93	2636.41	2618.91	2622.75	0.47	ppb
Krypton	83-1						cps
Lead	206-1	49.47	50.24	50.17	49.96	0.85	ppb
Lead	207-1	49.61	49.91	50.34	49.95	0.74	ppb
Lead	208-1	49.80	50.22	50.28	50.10	0.53	ppb
Lithium	6-1				99		%
Magnesium	24-2	5194.49	5227.93	5177.24	5199.88	0.50	ppb

LB Number : LB98797 Operator : Jaswal
 Lab Sample ID : S3 Instrumnet Name : P7
 Client Sample ID : S3 Dilution Factor : 1
 Date & Time Acquired :: 2018-10-23 15:10:21 DataFile Name : 006CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	102.46	103.74	101.54	102.58	1.08	ppb
Molybdenum	94-1	251.91	252.49	254.32	252.91	0.50	ppb
Molybdenum	95-1	253.13	254.46	254.71	254.10	0.34	ppb
Molybdenum	96-1	251.63	253.81	253.70	253.05	0.49	ppb
Molybdenum	97-1	250.51	254.91	252.41	252.61	0.87	ppb
Molybdenum	98-1	250.62	254.60	251.14	252.12	0.86	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	53.02	53.45	52.95	53.14	0.50	ppb
Phosphorus	31-2	1027.57	995.17	990.52	1004.42	2.01	ppb
Potassium	39-2	2455.21	2465.86	2425.59	2448.89	0.85	ppb
Rhodium	103-1				97		%
Rhodium	103-2				99		%
Scandium	45-1				99		%
Scandium	45-2				100		%
Selenium	77-2	57.27	56.62	50.11	54.66	7.24	ppb
Selenium	78-2	52.72	52.90	53.72	53.11	1.01	ppb
Selenium	82-1	53.18	53.83	52.94	53.32	0.87	ppb
Silicon	28-1	56.98	58.77	59.69	58.48	2.36	ppb
Silver	109-1	54.47	55.18	54.77	54.81	0.65	ppb
Silver	107-1	54.32	54.86	55.03	54.74	0.68	ppb
Sodium	23-2	5081.26	5113.11	5018.37	5070.91	0.95	ppb
Strontium	86-1	51.29	51.12	51.37	51.26	0.25	ppb
Strontium	88-1	51.14	51.06	51.32	51.17	0.26	ppb
Sulfur	34-1	1310.85	1276.45	1382.02	1323.11	4.07	ppb
Terbium	159-1				99		%
Terbium	159-2				98		%
Thallium	203-1	49.07	50.13	50.32	49.84	1.35	ppb
Thallium	205-1	49.07	50.32	50.32	49.90	1.45	ppb
Thorium	232-1	47.19	47.85	47.93	47.66	0.85	ppb
Tin	118-1	51.79	52.74	52.36	52.30	0.92	ppb
Titanium	47-1	254.74	253.98	256.86	255.19	0.59	ppb
Uranium	238-1	47.41	48.22	48.29	47.97	1.02	ppb
Vanadium	51-2	49.97	50.41	50.05	50.14	0.47	ppb
Yttrium	89-1				99		%
Yttrium	89-2				100		%

LB Number :	LB98797	Operator :	Jaswal
Lab Sample ID :	S3	Instrumnet Name :	P7
Client Sample ID :	S3	Dilution Factor :	1
Date & Time Acquired ::	2018-10-23 15:10:21	DataFile Name :	006CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zinc	66-2	107.98	108.44	107.93	108.12	0.26	ppb
Zirconium	90-1	50.09	50.10	50.65	50.28	0.64	ppb
Zirconium	91-1	49.99	50.51	50.67	50.39	0.71	ppb

LB Number :	LB98797	Operator :	Jaswal
Lab Sample ID :	S4	Instrumnet Name :	P7
Client Sample ID :	S4	Dilution Factor :	1
Date & Time Acquired ::	2018-10-23 15:14:29	DataFile Name :	007CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	2461.41	2453.15	2479.71	2464.75	0.55	ppb
Antimony	121-1	130.80	128.67	130.25	129.90	0.85	ppb
Arsenic	75-2	127.05	127.54	126.78	127.13	0.30	ppb
Barium	135-1	644.54	639.94	643.01	642.49	0.36	ppb
Barium	137-1	642.70	635.23	644.81	640.91	0.79	ppb
Beryllium	9-1	130.48	129.46	129.86	129.93	0.40	ppb
Bismuth	209-1				96		%
Bismuth	209-2				98		%
Boron	10-1	125.79	126.13	126.06	125.99	0.14	ppb
Boron	11-1	125.23	126.53	127.09	126.28	0.76	ppb
Cadmium	111-1	137.31	136.24	138.06	137.20	0.67	ppb
Cadmium	106-1	134.09	134.81	135.36	134.75	0.47	ppb
Cadmium	108-1	134.08	131.43	133.82	133.11	1.10	ppb
Calcium	43-1	12269.76	12291.46	12173.60	12244.94	0.51	ppb
Calcium	44-1	12226.01	12141.11	12133.64	12166.92	0.42	ppb
Chromium	52-2	127.63	127.46	127.74	127.61	0.11	ppb
Cobalt	59-2	129.04	129.17	129.95	129.39	0.38	ppb
Copper	63-2	263.07	264.05	267.05	264.72	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				98		%
Holmium	165-2				98		%
Indium	115-1				97		%
Indium	115-2				99		%
Iron	56-2	6455.53	6425.11	6426.99	6435.88	0.26	ppb
Iron	57-2	6537.60	6506.52	6551.17	6531.76	0.35	ppb
Krypton	83-1						cps
Lead	206-1	123.56	124.98	126.32	124.95	1.11	ppb
Lead	207-1	123.61	125.15	124.85	124.54	0.66	ppb
Lead	208-1	124.17	125.01	125.46	124.88	0.52	ppb
Lithium	6-1				98		%
Magnesium	24-2	12895.78	12797.48	12939.74	12877.67	0.57	ppb

LB Number :	LB98797	Operator :	Jaswal
Lab Sample ID :	S4	Instrumnet Name :	P7
Client Sample ID :	S4	Dilution Factor :	1
Date & Time Acquired ::	2018-10-23 15:14:29	DataFile Name :	007CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	254.01	252.99	254.47	253.82	0.30	ppb
Molybdenum	94-1	627.63	625.70	626.15	626.50	0.16	ppb
Molybdenum	95-1	627.99	620.93	620.74	623.22	0.66	ppb
Molybdenum	96-1	625.27	625.02	627.97	626.09	0.26	ppb
Molybdenum	97-1	631.17	625.67	631.35	629.40	0.51	ppb
Molybdenum	98-1	632.32	623.42	630.37	628.71	0.74	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	131.56	132.08	132.33	131.99	0.30	ppb
Phosphorus	31-2	2547.92	2582.49	2619.10	2583.17	1.38	ppb
Potassium	39-2	6034.74	6065.04	6044.85	6048.21	0.26	ppb
Rhodium	103-1				96		%
Rhodium	103-2				97		%
Scandium	45-1				98		%
Scandium	45-2				98		%
Selenium	77-2	129.61	134.14	129.57	131.10	2.00	ppb
Selenium	78-2	128.92	127.46	132.85	129.74	2.15	ppb
Selenium	82-1	133.89	133.79	134.36	134.02	0.23	ppb
Silicon	28-1	143.14	146.93	146.24	145.44	1.39	ppb
Silver	109-1	134.43	132.82	134.83	134.02	0.80	ppb
Silver	107-1	132.49	134.26	133.07	133.27	0.68	ppb
Sodium	23-2	12653.78	12543.74	12628.04	12608.52	0.46	ppb
Strontium	86-1	127.42	126.88	128.09	127.47	0.47	ppb
Strontium	88-1	126.10	125.29	126.11	125.83	0.37	ppb
Sulfur	34-1	2803.80	2686.83	2805.05	2765.22	2.46	ppb
Terbium	159-1				99		%
Terbium	159-2				97		%
Thallium	203-1	123.46	124.26	123.87	123.86	0.32	ppb
Thallium	205-1	122.38	123.77	124.63	123.59	0.92	ppb
Thorium	232-1	119.00	119.72	120.28	119.66	0.54	ppb
Tin	118-1	130.04	128.48	129.44	129.32	0.61	ppb
Titanium	47-1	638.84	639.79	630.63	636.42	0.79	ppb
Uranium	238-1	118.90	120.85	120.60	120.12	0.89	ppb
Vanadium	51-2	125.66	124.88	125.88	125.47	0.42	ppb
Yttrium	89-1				98		%
Yttrium	89-2				99		%

LB Number :	LB98797	Operator :	Jaswal
Lab Sample ID :	S4	Instrumnet Name :	P7
Client Sample ID :	S4	Dilution Factor :	1
Date & Time Acquired ::	2018-10-23 15:14:29	DataFile Name :	007CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zinc	66-2	267.08	268.22	270.12	268.47	0.57	ppb
Zirconium	90-1	124.80	124.09	125.46	124.78	0.55	ppb
Zirconium	91-1	126.02	125.37	126.48	125.96	0.44	ppb

LB Number :	LB98797	Operator :	Jaswal
Lab Sample ID :	S5	Instrumnet Name :	P7
Client Sample ID :	S5	Dilution Factor :	1
Date & Time Acquired ::	2018-10-23 15:18:16	DataFile Name :	008CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	4871.86	4923.96	4910.55	4902.12	0.55	ppb
Antimony	121-1	252.94	255.98	254.28	254.40	0.60	ppb
Arsenic	75-2	254.13	254.88	252.12	253.71	0.56	ppb
Barium	135-1	1248.90	1259.92	1266.45	1258.42	0.71	ppb
Barium	137-1	1260.77	1264.59	1261.25	1262.21	0.16	ppb
Beryllium	9-1	253.35	256.48	253.46	254.43	0.70	ppb
Bismuth	209-1				96		%
Bismuth	209-2				97		%
Boron	10-1	243.10	248.02	249.46	246.86	1.35	ppb
Boron	11-1	241.37	248.54	250.41	246.77	1.93	ppb
Cadmium	111-1	264.33	266.65	267.05	266.01	0.55	ppb
Cadmium	106-1	262.36	263.79	259.18	261.78	0.90	ppb
Cadmium	108-1	261.82	260.80	268.31	263.64	1.54	ppb
Calcium	43-1	24254.49	24277.16	24339.66	24290.44	0.18	ppb
Calcium	44-1	24161.13	24210.10	24215.02	24195.42	0.12	ppb
Chromium	52-2	251.88	252.16	254.60	252.88	0.59	ppb
Cobalt	59-2	252.24	254.31	258.03	254.86	1.15	ppb
Copper	63-2	514.21	521.78	524.65	520.21	1.04	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				98		%
Holmium	165-2				98		%
Indium	115-1				96		%
Indium	115-2				97		%
Iron	56-2	12684.79	12750.01	12848.84	12761.21	0.65	ppb
Iron	57-2	12784.58	12875.45	13042.55	12900.86	1.01	ppb
Krypton	83-1						cps
Lead	206-1	245.41	246.41	244.86	245.56	0.32	ppb
Lead	207-1	245.40	248.73	245.32	246.48	0.79	ppb
Lead	208-1	246.55	246.83	246.24	246.54	0.12	ppb
Lithium	6-1				98		%
Magnesium	24-2	25536.06	25824.24	25984.84	25781.71	0.88	ppb

LB Number :	LB98797	Operator :	Jaswal
Lab Sample ID :	S5	Instrumnet Name :	P7
Client Sample ID :	S5	Dilution Factor :	1
Date & Time Acquired ::	2018-10-23 15:18:16	DataFile Name :	008CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	501.07	503.62	504.33	503.01	0.34	ppb
Molybdenum	94-1	1251.52	1257.77	1252.86	1254.05	0.26	ppb
Molybdenum	95-1	1255.53	1260.64	1254.85	1257.01	0.25	ppb
Molybdenum	96-1	1257.00	1252.99	1253.26	1254.42	0.18	ppb
Molybdenum	97-1	1259.21	1254.26	1263.20	1258.89	0.36	ppb
Molybdenum	98-1	1255.74	1254.27	1254.88	1254.96	0.06	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	258.28	259.53	262.79	260.20	0.89	ppb
Phosphorus	31-2	5065.50	5031.27	4994.21	5030.33	0.71	ppb
Potassium	39-2	11986.96	11990.53	11984.63	11987.38	0.02	ppb
Rhodium	103-1				94		%
Rhodium	103-2				96		%
Scandium	45-1				97		%
Scandium	45-2				98		%
Selenium	77-2	257.72	249.82	261.61	256.38	2.34	ppb
Selenium	78-2	254.37	258.38	256.43	256.39	0.78	ppb
Selenium	82-1	264.19	267.30	264.23	265.24	0.67	ppb
Silicon	28-1	259.25	260.58	261.09	260.31	0.37	ppb
Silver	109-1	256.78	258.12	262.58	259.16	1.17	ppb
Silver	107-1	261.48	263.13	262.19	262.27	0.32	ppb
Sodium	23-2	25028.91	25372.18	25388.34	25263.14	0.80	ppb
Strontium	86-1	251.03	252.39	255.72	253.05	0.95	ppb
Strontium	88-1	250.16	250.22	250.65	250.34	0.11	ppb
Sulfur	34-1	5243.59	5096.59	5055.78	5131.98	1.92	ppb
Terbium	159-1				98		%
Terbium	159-2				97		%
Thallium	203-1	245.48	242.62	246.54	244.88	0.83	ppb
Thallium	205-1	245.37	244.00	243.77	244.38	0.35	ppb
Thorium	232-1	243.23	242.95	240.23	242.14	0.69	ppb
Tin	118-1	251.64	253.24	254.65	253.18	0.60	ppb
Titanium	47-1	1265.11	1270.94	1263.07	1266.38	0.32	ppb
Uranium	238-1	243.33	241.13	240.37	241.61	0.64	ppb
Vanadium	51-2	248.09	250.13	252.42	250.21	0.87	ppb
Yttrium	89-1				97		%
Yttrium	89-2				98		%

LB Number :	LB98797	Operator :	Jaswal
Lab Sample ID :	S5	Instrumnet Name :	P7
Client Sample ID :	S5	Dilution Factor :	1
Date & Time Acquired ::	2018-10-23 15:18:16	DataFile Name :	008CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zinc	66-2	526.90	526.61	532.71	528.74	0.65	ppb
Zirconium	90-1	251.43	249.81	251.14	250.79	0.34	ppb
Zirconium	91-1	250.26	249.80	250.39	250.15	0.13	ppb

LB Number :	LB98797	Operator :	Jaswal
Lab Sample ID :	S6	Instrumnet Name :	P7
Client Sample ID :	S6	Dilution Factor :	1
Date & Time Acquired ::	2018-10-23 15:22:00	DataFile Name :	009CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	9471.82	9591.99	9585.97	9549.93	0.71	ppb
Antimony	121-1	507.03	494.97	508.05	503.35	1.45	ppb
Arsenic	75-2	494.17	494.69	491.21	493.36	0.38	ppb
Barium	135-1	2504.62	2473.01	2520.37	2499.34	0.96	ppb
Barium	137-1	2518.52	2466.63	2533.12	2506.09	1.39	ppb
Beryllium	9-1	503.44	499.39	506.90	503.24	0.75	ppb
Bismuth	209-1				95		%
Bismuth	209-2				97		%
Boron	10-1	491.86	496.64	513.68	500.73	2.29	ppb
Boron	11-1	489.86	493.84	510.96	498.22	2.25	ppb
Cadmium	111-1	512.45	505.26	523.22	513.64	1.76	ppb
Cadmium	106-1	508.57	504.44	514.76	509.26	1.02	ppb
Cadmium	108-1	508.16	508.54	513.87	510.19	0.63	ppb
Calcium	43-1	47883.24	47983.17	48920.79	48262.40	1.19	ppb
Calcium	44-1	48146.83	47710.11	48775.75	48210.90	1.11	ppb
Chromium	52-2	485.69	490.58	489.71	488.66	0.53	ppb
Cobalt	59-2	489.31	492.95	492.03	491.43	0.39	ppb
Copper	63-2	989.12	991.50	988.86	989.83	0.15	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				99		%
Holmium	165-2				99		%
Indium	115-1				95		%
Indium	115-2				97		%
Iron	56-2	24924.93	24963.38	24869.63	24919.31	0.19	ppb
Iron	57-2	25027.79	25167.90	25060.81	25085.50	0.29	ppb
Krypton	83-1						cps
Lead	206-1	493.54	491.03	500.71	495.09	1.01	ppb
Lead	207-1	496.22	492.86	502.34	497.14	0.97	ppb
Lead	208-1	495.45	493.51	502.81	497.26	0.99	ppb
Lithium	6-1				98		%
Magnesium	24-2	49552.16	50248.59	50177.74	49992.83	0.77	ppb

LB Number :	LB98797	Operator :	Jaswal
Lab Sample ID :	S6	Instrumnet Name :	P7
Client Sample ID :	S6	Dilution Factor :	1
Date & Time Acquired ::	2018-10-23 15:22:00	DataFile Name :	009CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	974.36	984.03	978.73	979.04	0.49	ppb
Molybdenum	94-1	2494.09	2463.53	2509.32	2488.98	0.94	ppb
Molybdenum	95-1	2496.28	2470.07	2504.21	2490.19	0.72	ppb
Molybdenum	96-1	2494.20	2481.77	2518.16	2498.04	0.74	ppb
Molybdenum	97-1	2504.79	2493.39	2508.40	2502.20	0.31	ppb
Molybdenum	98-1	2492.86	2490.53	2509.09	2497.49	0.40	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	497.43	501.34	496.60	498.45	0.51	ppb
Phosphorus	31-2	9681.95	9871.84	9703.43	9752.40	1.07	ppb
Potassium	39-2	23346.44	23640.26	23539.26	23508.65	0.63	ppb
Rhodium	103-1				93		%
Rhodium	103-2				96		%
Scandium	45-1				97		%
Scandium	45-2				99		%
Selenium	77-2	512.65	502.75	509.18	508.20	0.99	ppb
Selenium	78-2	496.52	499.22	497.11	497.61	0.28	ppb
Selenium	82-1	512.13	509.10	521.94	514.39	1.30	ppb
Silicon	28-1	510.62	517.57	530.69	519.63	1.96	ppb
Silver	109-1	506.16	500.42	515.01	507.19	1.45	ppb
Silver	107-1	507.85	504.24	515.89	509.33	1.17	ppb
Sodium	23-2	49083.83	49624.26	49441.49	49383.19	0.56	ppb
Strontium	86-1	492.57	495.27	507.83	498.56	1.63	ppb
Strontium	88-1	497.97	497.85	503.01	499.61	0.59	ppb
Sulfur	34-1	10054.79	10027.36	10264.07	10115.41	1.28	ppb
Terbium	159-1				99		%
Terbium	159-2				98		%
Thallium	203-1	494.68	492.36	499.65	495.56	0.75	ppb
Thallium	205-1	491.15	489.59	498.41	493.05	0.96	ppb
Thorium	232-1	489.84	490.57	495.62	492.01	0.64	ppb
Tin	118-1	506.87	494.10	506.29	502.42	1.44	ppb
Titanium	47-1	2527.75	2495.74	2536.43	2519.97	0.85	ppb
Uranium	238-1	491.41	490.37	498.88	493.55	0.94	ppb
Vanadium	51-2	485.90	491.45	489.29	488.88	0.57	ppb
Yttrium	89-1				98		%
Yttrium	89-2				99		%

LB Number :	LB98797	Operator :	Jaswal
Lab Sample ID :	S6	Instrumnet Name :	P7
Client Sample ID :	S6	Dilution Factor :	1
Date & Time Acquired ::	2018-10-23 15:22:00	DataFile Name :	009CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zinc	66-2	1006.42	1011.89	1005.83	1008.05	0.33	ppb
Zirconium	90-1	497.34	495.08	504.94	499.12	1.03	ppb
Zirconium	91-1	490.91	490.01	501.93	494.29	1.34	ppb

LB Number :	LB98797	Operator :	Jaswal
Lab Sample ID :	S7	Instrumnet Name :	P7
Client Sample ID :	S7	Dilution Factor :	1
Date & Time Acquired ::	2018-10-23 15:25:43	DataFile Name :	010CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	20199.51	19191.09	19264.51	19551.70	2.88	ppb
Antimony	121-1	973.79	1009.92	1005.73	996.48	1.98	ppb
Arsenic	75-2	1036.56	987.45	982.22	1002.08	2.99	ppb
Barium	135-1	4907.20	5030.85	5048.70	4995.59	1.54	ppb
Barium	137-1	4895.87	5029.97	5048.44	4991.43	1.67	ppb
Beryllium	9-1	986.06	1009.11	994.47	996.55	1.17	ppb
Bismuth	209-1				92		%
Bismuth	209-2				91		%
Boron	10-1	980.41	1012.80	1007.42	1000.21	1.74	ppb
Boron	11-1	986.50	1010.47	1007.54	1001.50	1.31	ppb
Cadmium	111-1	961.09	1001.68	999.36	987.37	2.31	ppb
Cadmium	106-1	965.20	996.93	1010.61	990.91	2.35	ppb
Cadmium	108-1	969.43	1000.99	1000.43	990.28	1.82	ppb
Calcium	43-1	92962.18	96513.31	97145.27	95540.25	2.36	ppb
Calcium	44-1	92913.37	96453.30	97131.33	95499.33	2.37	ppb
Chromium	52-2	1045.34	984.01	984.38	1004.58	3.51	ppb
Cobalt	59-2	1047.05	982.90	977.28	1002.41	3.87	ppb
Copper	63-2	2079.05	1955.84	1958.63	1997.84	3.52	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				95		%
Indium	115-1				93		%
Indium	115-2				91		%
Iron	56-2	53610.59	50426.75	50043.77	51360.37	3.81	ppb
Iron	57-2	53323.34	50393.27	49850.19	51188.94	3.65	ppb
Krypton	83-1						cps
Lead	206-1	977.80	1011.33	1021.58	1003.57	2.28	ppb
Lead	207-1	977.91	1009.69	1019.51	1002.37	2.17	ppb
Lead	208-1	979.27	1010.88	1016.59	1002.25	2.01	ppb
Lithium	6-1				96		%
Magnesium	24-2	106940.16	101240.50	101093.80	103091.49	3.23	ppb

LB Number :	LB98797	Operator :	Jaswal
Lab Sample ID :	S7	Instrumnet Name :	P7
Client Sample ID :	S7	Dilution Factor :	1
Date & Time Acquired ::	2018-10-23 15:25:43	DataFile Name :	010CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	2096.78	1968.79	1961.80	2009.12	3.78	ppb
Molybdenum	94-1	4941.90	5034.04	5036.55	5004.16	1.08	ppb
Molybdenum	95-1	4938.11	5043.14	5028.26	5003.17	1.14	ppb
Molybdenum	96-1	4939.67	5039.08	5020.01	4999.59	1.06	ppb
Molybdenum	97-1	4928.39	5026.88	5032.73	4996.00	1.17	ppb
Molybdenum	98-1	4922.47	5046.22	5029.64	4999.44	1.34	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	1034.41	978.16	979.01	997.19	3.23	ppb
Phosphorus	31-2	21005.76	19871.07	19439.96	20105.60	4.02	ppb
Potassium	39-2	50382.63	47782.80	47725.55	48630.33	3.12	ppb
Rhodium	103-1				91		%
Rhodium	103-2				90		%
Scandium	45-1				97		%
Scandium	45-2				94		%
Selenium	77-2	1016.23	986.98	976.71	993.31	2.06	ppb
Selenium	78-2	1038.29	982.10	976.14	998.84	3.43	ppb
Selenium	82-1	967.99	997.14	997.98	987.70	1.73	ppb
Silicon	28-1	958.46	991.46	1003.80	984.57	2.38	ppb
Silver	109-1	972.82	1003.83	1001.58	992.74	1.74	ppb
Silver	107-1	975.97	995.75	1001.27	991.00	1.34	ppb
Sodium	23-2	106887.79	100548.42	100368.32	102601.51	3.62	ppb
Strontium	86-1	978.05	1012.06	1008.66	999.59	1.87	ppb
Strontium	88-1	979.43	1011.75	1008.66	999.95	1.78	ppb
Sulfur	34-1	19290.02	20197.64	20092.31	19859.99	2.50	ppb
Terbium	159-1				99		%
Terbium	159-2				94		%
Thallium	203-1	989.38	1010.54	1011.02	1003.65	1.23	ppb
Thallium	205-1	981.91	1015.33	1017.94	1005.06	2.00	ppb
Thorium	232-1	986.80	1016.15	1017.28	1006.74	1.72	ppb
Tin	118-1	970.30	1011.10	1010.62	997.34	2.35	ppb
Titanium	47-1	4878.28	5048.46	5025.96	4984.23	1.85	ppb
Uranium	238-1	985.03	1015.06	1018.00	1006.03	1.81	ppb
Vanadium	51-2	1045.24	987.14	983.94	1005.44	3.43	ppb
Yttrium	89-1				97		%
Yttrium	89-2				95		%

LB Number :	LB98797	Operator :	Jaswal
Lab Sample ID :	S7	Instrumnet Name :	P7
Client Sample ID :	S7	Dilution Factor :	1
Date & Time Acquired ::	2018-10-23 15:25:43	DataFile Name :	010CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zinc	66-2	2061.97	1956.43	1939.83	1986.08	3.34	ppb
Zirconium	90-1	982.84	1013.18	1004.74	1000.25	1.57	ppb
Zirconium	91-1	991.68	1009.13	1007.23	1002.68	0.95	ppb

LB Number :	LB98797	Operator :	Jaswal
Lab Sample ID :	S8	Instrumnet Name :	P7
Client Sample ID :	S8	Dilution Factor :	1
Date & Time Acquired ::	2018-10-23 15:29:28	DataFile Name :	011CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	99446.64	101094.67	99880.44	100140.58	0.85	ppb
Antimony	121-1	1.47	1.48	1.48	1.48	0.57	ppb
Arsenic	75-2	0.44	0.40	0.50	0.45	10.89	ppb
Barium	135-1	1.57	1.45	1.52	1.51	4.04	ppb
Barium	137-1	1.58	1.47	1.53	1.53	3.82	ppb
Beryllium	9-1	0.17	0.14	0.15	0.15	10.05	ppb
Bismuth	209-1				76		%
Bismuth	209-2				80		%
Boron	10-1	23.54	21.22	20.48	21.75	7.34	ppb
Boron	11-1	23.34	20.96	19.95	21.42	8.12	ppb
Cadmium	111-1	0.27	0.29	0.26	0.27	6.27	ppb
Cadmium	106-1	0.96	1.89	1.59	1.48	32.01	ppb
Cadmium	108-1	0.23	0.29	0.27	0.26	11.44	ppb
Calcium	43-1	500244.04	499984.10	503096.03	501108.06	0.34	ppb
Calcium	44-1	499709.74	500212.74	503463.48	501128.65	0.41	ppb
Chromium	52-2	40.20	41.03	40.85	40.69	1.08	ppb
Cobalt	59-2	1.77	1.81	1.82	1.80	1.44	ppb
Copper	63-2	5.08	5.13	4.96	5.06	1.69	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				92		%
Holmium	165-2				94		%
Indium	115-1				87		%
Indium	115-2				90		%
Iron	56-2	248312.89	249814.43	251024.72	249717.34	0.54	ppb
Iron	57-2	247858.96	251538.10	249778.98	249725.35	0.74	ppb
Krypton	83-1						cps
Lead	206-1	2.04	2.04	2.05	2.04	0.16	ppb
Lead	207-1	1.98	1.93	1.95	1.95	1.41	ppb
Lead	208-1	2.01	2.01	2.00	2.01	0.01	ppb
Lithium	6-1				88		%
Magnesium	24-2	495320.48	505000.73	497674.44	499331.88	1.01	ppb

LB Number :	LB98797	Operator :	Jaswal
Lab Sample ID :	S8	Instrumnet Name :	P7
Client Sample ID :	S8	Dilution Factor :	1
Date & Time Acquired ::	2018-10-23 15:29:28	DataFile Name :	011CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	12.00	12.09	12.09	12.06	0.45	ppb
Molybdenum	94-1	6.02	6.13	6.06	6.07	0.90	ppb
Molybdenum	95-1	7.57	7.40	7.41	7.46	1.25	ppb
Molybdenum	96-1	8.71	8.65	8.42	8.60	1.78	ppb
Molybdenum	97-1	7.52	7.21	7.21	7.31	2.45	ppb
Molybdenum	98-1	7.31	7.12	7.07	7.17	1.76	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	25.91	26.63	25.93	26.16	1.57	ppb
Phosphorus	31-2	9.20	11.55	2.38	7.71	61.80	ppb
Potassium	39-2	247459.51	253096.21	250807.11	250454.28	1.13	ppb
Rhodium	103-1				80		%
Rhodium	103-2				84		%
Scandium	45-1				93		%
Scandium	45-2				97		%
Selenium	77-2	0.39	1.76	0.78	0.98	72.10	ppb
Selenium	78-2	0.72	-0.09	0.25	0.29	138.88	ppb
Selenium	82-1	0.77	0.89	0.95	0.87	10.81	ppb
Silicon	28-1	55.85	57.06	58.46	57.13	2.29	ppb
Silver	109-1	0.14	0.15	0.14	0.14	4.74	ppb
Silver	107-1	0.15	0.14	0.14	0.14	4.82	ppb
Sodium	23-2	493684.59	505098.03	499791.78	499524.80	1.14	ppb
Strontium	86-1	5.27	5.35	5.40	5.34	1.22	ppb
Strontium	88-1	5.33	5.33	5.35	5.34	0.22	ppb
Sulfur	34-1	-156.03	-84.07	46.77	-64.44		ppb
Terbium	159-1				92		%
Terbium	159-2				93		%
Thallium	203-1	0.35	0.34	0.32	0.34	4.67	ppb
Thallium	205-1	0.33	0.32	0.33	0.33	1.35	ppb
Thorium	232-1	0.36	0.31	0.30	0.32	9.70	ppb
Tin	118-1	1.30	1.28	1.34	1.31	2.24	ppb
Titanium	47-1	2.20	2.37	2.24	2.27	3.87	ppb
Uranium	238-1	0.24	0.24	0.24	0.24	1.15	ppb
Vanadium	51-2	0.44	0.48	0.48	0.47	5.00	ppb
Yttrium	89-1				93		%
Yttrium	89-2				96		%

LB Number :	LB98797	Operator :	Jaswal
Lab Sample ID :	S8	Instrumnet Name :	P7
Client Sample ID :	S8	Dilution Factor :	1
Date & Time Acquired ::	2018-10-23 15:29:28	DataFile Name :	011CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zinc	66-2	39.01	38.92	38.87	38.93	0.19	ppb
Zirconium	90-1	0.57	0.59	0.57	0.58	2.40	ppb
Zirconium	91-1	0.55	0.57	0.55	0.56	2.35	ppb

LB Number :	LB98797	Operator :	Jaswal
Lab Sample ID :	ICV01	Instrumnet Name :	P7
Client Sample ID :	ICV01	Dilution Factor :	1
Date & Time Acquired ::	2018-10-23 15:43:14	DataFile Name :	012ICV01.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	509.52	495.90	513.23	506.22	1.80	ppb
Antimony	121-1	197.89	199.22	197.22	198.11	0.51	ppb
Arsenic	75-2	197.90	198.05	197.23	197.73	0.22	ppb
Barium	135-1	100.42	99.95	101.00	100.46	0.52	ppb
Barium	137-1	101.25	100.98	101.17	101.13	0.14	ppb
Beryllium	9-1	98.27	98.80	98.33	98.46	0.30	ppb
Bismuth	209-1				99		%
Bismuth	209-2				101		%
Boron	10-1	537.89	540.83	544.27	540.99	0.59	ppb
Boron	11-1	533.16	538.28	545.04	538.83	1.11	ppb
Cadmium	111-1	106.17	106.75	105.99	106.30	0.37	ppb
Cadmium	106-1	84.44	86.61	84.05	85.03	1.63	ppb
Cadmium	108-1	93.23	94.31	93.92	93.82	0.58	ppb
Calcium	43-1	1892.81	1898.80	1891.25	1894.29	0.21	ppb
Calcium	44-1	1904.24	1912.69	1903.16	1906.70	0.27	ppb
Chromium	52-2	95.80	95.52	96.73	96.02	0.66	ppb
Cobalt	59-2	100.44	99.69	101.75	100.63	1.04	ppb
Copper	63-2	103.46	103.12	105.56	104.05	1.27	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				99		%
Holmium	165-2				99		%
Indium	115-1				99		%
Indium	115-2				100		%
Iron	56-2	989.63	979.09	993.30	987.34	0.75	ppb
Iron	57-2	1016.35	1002.88	1024.80	1014.68	1.09	ppb
Krypton	83-1						cps
Lead	206-1	193.54	192.66	191.08	192.42	0.65	ppb
Lead	207-1	189.12	186.71	187.95	187.93	0.64	ppb
Lead	208-1	191.89	190.68	190.62	191.06	0.38	ppb
Lithium	6-1				103		%
Magnesium	24-2	1212.41	1205.94	1225.63	1214.66	0.83	ppb

LB Number :	LB98797	Operator :	Jaswal
Lab Sample ID :	ICV01	Instrumnet Name :	P7
Client Sample ID :	ICV01	Dilution Factor :	1
Date & Time Acquired ::	2018-10-23 15:43:14	DataFile Name :	012ICV01.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	95.75	96.47	96.70	96.30	0.51	ppb
Molybdenum	94-1	343.27	348.42	347.23	346.31	0.78	ppb
Molybdenum	95-1	497.08	498.40	499.24	498.24	0.22	ppb
Molybdenum	96-1	475.11	476.64	479.71	477.15	0.49	ppb
Molybdenum	97-1	496.84	494.86	497.48	496.39	0.28	ppb
Molybdenum	98-1	494.89	494.66	494.87	494.81	0.03	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	102.81	102.39	104.64	103.28	1.16	ppb
Phosphorus	31-2	-3.15	-2.61	-4.32	-3.36		ppb
Potassium	39-2	1899.91	1899.76	1922.63	1907.43	0.69	ppb
Rhodium	103-1				99		%
Rhodium	103-2				101		%
Scandium	45-1				102		%
Scandium	45-2				102		%
Selenium	77-2	200.08	206.98	216.42	207.83	3.95	ppb
Selenium	78-2	207.59	201.74	202.96	204.10	1.51	ppb
Selenium	82-1	208.35	209.37	207.18	208.30	0.53	ppb
Silicon	28-1	430.52	434.14	438.56	434.41	0.93	ppb
Silver	109-1	105.93	105.46	105.59	105.66	0.23	ppb
Silver	107-1	104.79	106.77	104.99	105.51	1.03	ppb
Sodium	23-2	1992.97	1971.07	2004.12	1989.39	0.84	ppb
Strontium	86-1	2.26	2.23	2.26	2.25	0.95	ppb
Strontium	88-1	2.30	2.30	2.34	2.31	0.96	ppb
Sulfur	34-1	98.88	-66.36	-216.88	-61.45		ppb
Terbium	159-1				100		%
Terbium	159-2				99		%
Thallium	203-1	195.94	194.54	193.40	194.62	0.65	ppb
Thallium	205-1	193.85	192.83	192.75	193.14	0.32	ppb
Thorium	232-1	0.10	0.09	0.08	0.09	7.88	ppb
Tin	118-1	521.97	520.71	513.33	518.67	0.90	ppb
Titanium	47-1	501.87	502.18	498.30	500.78	0.43	ppb
Uranium	238-1	497.63	497.96	495.68	497.09	0.25	ppb
Vanadium	51-2	96.34	95.05	97.13	96.17	1.09	ppb
Yttrium	89-1				101		%
Yttrium	89-2				101		%

LB Number :	LB98797	Operator :	Jaswal
Lab Sample ID :	ICV01	Instrumnet Name :	P7
Client Sample ID :	ICV01	Dilution Factor :	1
Date & Time Acquired ::	2018-10-23 15:43:14	DataFile Name :	012ICV01.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zinc	66-2	209.63	208.71	214.67	211.00	1.52	ppb
Zirconium	90-1	0.32	0.24	0.18	0.25	27.40	ppb
Zirconium	91-1	0.37	0.29	0.28	0.31	16.26	ppb

LB Number :	LB98797	Operator :	Jaswal
Lab Sample ID :	LLICV01	Instrumnet Name :	P7
Client Sample ID :	LLICV01	Dilution Factor :	1
Date & Time Acquired ::	2018-10-23 15:53:33	DataFile Name :	013LLIC.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	20.44	22.58	20.48	21.16	5.78	ppb
Antimony	121-1	2.04	2.05	2.07	2.06	0.66	ppb
Arsenic	75-2	0.98	1.06	1.03	1.02	4.17	ppb
Barium	135-1	9.96	10.20	10.25	10.14	1.56	ppb
Barium	137-1	9.94	10.00	10.11	10.02	0.86	ppb
Beryllium	9-1	0.98	1.01	1.08	1.02	4.95	ppb
Bismuth	209-1				98		%
Bismuth	209-2				101		%
Boron	10-1	28.90	28.95	28.97	28.94	0.12	ppb
Boron	11-1	28.03	27.63	28.48	28.05	1.51	ppb
Cadmium	111-1	1.12	1.06	1.07	1.08	2.97	ppb
Cadmium	106-1	1.57	1.30	1.28	1.38	11.65	ppb
Cadmium	108-1	1.04	1.14	0.97	1.05	8.17	ppb
Calcium	43-1	469.15	471.69	464.16	468.33	0.82	ppb
Calcium	44-1	474.35	467.81	472.68	471.61	0.72	ppb
Chromium	52-2	2.17	2.13	2.17	2.16	1.17	ppb
Cobalt	59-2	1.05	1.05	1.05	1.05	0.38	ppb
Copper	63-2	2.09	2.23	2.17	2.16	3.27	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				98		%
Holmium	165-2				99		%
Indium	115-1				99		%
Indium	115-2				101		%
Iron	56-2	52.60	52.88	53.11	52.86	0.49	ppb
Iron	57-2	54.60	54.50	53.77	54.29	0.84	ppb
Krypton	83-1						cps
Lead	206-1	0.96	0.99	0.98	0.97	1.46	ppb
Lead	207-1	0.98	0.98	0.97	0.98	0.62	ppb
Lead	208-1	0.99	0.98	1.00	0.99	0.83	ppb
Lithium	6-1				103		%
Magnesium	24-2	515.75	521.93	523.24	520.31	0.77	ppb

LB Number :	LB98797	Operator :	Jaswal
Lab Sample ID :	LLICV01	Instrumnet Name :	P7
Client Sample ID :	LLICV01	Dilution Factor :	1
Date & Time Acquired ::	2018-10-23 15:53:33	DataFile Name :	013LLIC.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	1.04	1.09	1.09	1.07	2.73	ppb
Molybdenum	94-1	5.06	4.99	5.23	5.09	2.40	ppb
Molybdenum	95-1	5.21	4.85	4.93	5.00	3.73	ppb
Molybdenum	96-1	4.94	4.87	4.99	4.93	1.15	ppb
Molybdenum	97-1	5.08	4.86	5.15	5.03	2.95	ppb
Molybdenum	98-1	4.88	4.97	4.99	4.95	1.20	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	1.16	1.18	1.17	1.17	1.04	ppb
Phosphorus	31-2	-1.27	3.99	10.98	4.57	134.42	ppb
Potassium	39-2	500.64	489.17	500.26	496.69	1.31	ppb
Rhodium	103-1				99		%
Rhodium	103-2				102		%
Scandium	45-1				101		%
Scandium	45-2				102		%
Selenium	77-2	6.29	5.81	4.32	5.47	18.82	ppb
Selenium	78-2	5.50	5.37	6.20	5.69	7.90	ppb
Selenium	82-1	5.24	5.51	5.43	5.39	2.54	ppb
Silicon	28-1	16.13	15.59	16.05	15.92	1.82	ppb
Silver	109-1	1.09	1.08	1.10	1.09	1.08	ppb
Silver	107-1	1.10	1.10	1.10	1.10	0.37	ppb
Sodium	23-2	515.40	522.53	525.84	521.26	1.02	ppb
Strontium	86-1	0.99	0.92	1.04	0.98	6.18	ppb
Strontium	88-1	1.01	1.01	1.01	1.01	0.34	ppb
Sulfur	34-1	75.78	11.88	84.22	57.29	69.04	ppb
Terbium	159-1				99		%
Terbium	159-2				98		%
Thallium	203-1	0.95	0.98	0.97	0.97	1.45	ppb
Thallium	205-1	0.97	0.98	0.95	0.96	1.72	ppb
Thorium	232-1	0.97	0.95	0.95	0.96	0.98	ppb
Tin	118-1	5.21	5.11	5.20	5.17	1.10	ppb
Titanium	47-1	5.19	4.94	5.12	5.08	2.56	ppb
Uranium	238-1	0.93	0.92	0.94	0.93	1.24	ppb
Vanadium	51-2	4.90	5.01	4.96	4.96	1.16	ppb
Yttrium	89-1				100		%
Yttrium	89-2				101		%

LB Number :	LB98797	Operator :	Jaswal
Lab Sample ID :	LLICV01	Instrumnet Name :	P7
Client Sample ID :	LLICV01	Dilution Factor :	1
Date & Time Acquired ::	2018-10-23 15:53:33	DataFile Name :	013LLIC.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zinc	66-2	2.19	2.10	2.39	2.23	6.73	ppb
Zirconium	90-1	1.03	1.03	1.01	1.02	1.29	ppb
Zirconium	91-1	1.11	1.04	1.04	1.06	4.18	ppb

LB Number : LB98797 Operator : Jaswal
 Lab Sample ID : ICB01 Instrumnet Name : P7
 Client Sample ID : ICB01 Dilution Factor : 1
 Date & Time Acquired :: 2018-10-23 15:57:08 DataFile Name : 014CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	0.13	-0.20	-0.09	-0.06		ppb
Antimony	121-1	0.02	0.02	0.02	0.02	16.39	ppb
Arsenic	75-2	0.01	0.03	0.00	0.01	119.41	ppb
Barium	135-1	0.00	-0.01	0.01	0.00	826.20	ppb
Barium	137-1	0.00	0.01	0.00	0.00	17.07	ppb
Beryllium	9-1	0.00	0.00	0.00	0.00		ppb
Bismuth	209-1				99		%
Bismuth	209-2				101		%
Boron	10-1	3.91	4.18	3.69	3.93	6.17	ppb
Boron	11-1	4.02	3.84	3.66	3.84	4.62	ppb
Cadmium	111-1	0.02	0.05	0.06	0.04	40.06	ppb
Cadmium	106-1	0.27	0.56	0.67	0.50	41.11	ppb
Cadmium	108-1	-0.04	-0.02	-0.03	-0.03		ppb
Calcium	43-1	-0.70	0.48	0.99	0.26	338.59	ppb
Calcium	44-1	0.67	0.14	-0.25	0.19	251.35	ppb
Chromium	52-2	-0.01	-0.01	-0.01	-0.01		ppb
Cobalt	59-2	0.00	-0.01	0.00	0.00		ppb
Copper	63-2	0.00	0.00	0.02	0.01	153.42	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				99		%
Holmium	165-2				98		%
Indium	115-1				100		%
Indium	115-2				101		%
Iron	56-2	0.14	0.14	0.18	0.15	11.41	ppb
Iron	57-2	-0.41	0.40	-0.04	-0.02		ppb
Krypton	83-1						cps
Lead	206-1	0.01	0.02	0.01	0.01	34.28	ppb
Lead	207-1	0.01	0.00	0.01	0.01	47.27	ppb
Lead	208-1	0.01	0.01	0.01	0.01	12.53	ppb
Lithium	6-1				103		%
Magnesium	24-2	0.33	0.45	0.50	0.43	20.51	ppb

LB Number :	LB98797	Operator :	Jaswal
Lab Sample ID :	ICB01	Instrumnet Name :	P7
Client Sample ID :	ICB01	Dilution Factor :	1
Date & Time Acquired ::	2018-10-23 15:57:08	DataFile Name :	014CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	0.00	0.00	0.01	0.00	161.87	ppb
Molybdenum	94-1	0.01	0.00	-0.01	0.00	1908.95	ppb
Molybdenum	95-1	0.01	0.01	0.01	0.01	12.33	ppb
Molybdenum	96-1	0.01	0.02	0.01	0.01	31.15	ppb
Molybdenum	97-1	0.02	0.02	0.03	0.02	30.55	ppb
Molybdenum	98-1	0.01	0.00	0.00	0.00	15.56	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.00	-0.01	-0.01	0.00		ppb
Phosphorus	31-2	-4.97	-6.39	-1.31	-4.22		ppb
Potassium	39-2	8.83	9.16	6.38	8.12	18.70	ppb
Rhodium	103-1				99		%
Rhodium	103-2				102		%
Scandium	45-1				102		%
Scandium	45-2				102		%
Selenium	77-2	0.38	0.19	0.00	0.19	100.20	ppb
Selenium	78-2	0.15	-0.07	0.25	0.11	146.45	ppb
Selenium	82-1	-0.19	-0.14	0.09	-0.08		ppb
Silicon	28-1	1.70	0.42	0.25	0.79	100.68	ppb
Silver	109-1	0.00	0.01	0.00	0.01	21.38	ppb
Silver	107-1	0.00	0.01	0.00	0.01	42.71	ppb
Sodium	23-2	16.41	15.20	15.44	15.68	4.06	ppb
Strontium	86-1	-0.02	-0.01	-0.02	-0.02		ppb
Strontium	88-1	0.00	0.00	0.00	0.00	40.05	ppb
Sulfur	34-1	55.36	-35.07	-184.81	-54.84		ppb
Terbium	159-1				99		%
Terbium	159-2				98		%
Thallium	203-1	0.00	0.00	0.01	0.01	48.39	ppb
Thallium	205-1	0.01	0.01	0.01	0.01	22.17	ppb
Thorium	232-1	0.01	0.01	0.01	0.01	3.79	ppb
Tin	118-1	0.02	0.03	0.02	0.02	26.72	ppb
Titanium	47-1	-0.01	0.02	0.00	0.00	244.63	ppb
Uranium	238-1	0.00	0.00	0.00	0.00	98.10	ppb
Vanadium	51-2	0.00	0.00	0.00	0.00		ppb
Yttrium	89-1				101		%
Yttrium	89-2				101		%

LB Number :	LB98797	Operator :	Jaswal
Lab Sample ID :	ICB01	Instrumnet Name :	P7
Client Sample ID :	ICB01	Dilution Factor :	1
Date & Time Acquired ::	2018-10-23 15:57:08	DataFile Name :	014CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zinc	66-2	0.01	0.01	0.12	0.05	138.65	ppb
Zirconium	90-1	0.01	0.01	0.01	0.01	19.79	ppb
Zirconium	91-1	0.00	-0.01	0.00	0.00		ppb

LB Number :	LB98797	Operator :	Jaswal
Lab Sample ID :	ICSA01	Instrumnet Name :	P7
Client Sample ID :	ICSA01	Dilution Factor :	1
Date & Time Acquired ::	2018-10-23 16:00:43	DataFile Name :	015ICSA01.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	89003.27	88433.47	86933.62	88123.45	1.21	ppb
Antimony	121-1	1.23	1.08	1.16	1.16	6.70	ppb
Arsenic	75-2	0.32	0.30	0.36	0.33	8.48	ppb
Barium	135-1	1.49	1.34	1.38	1.40	5.35	ppb
Barium	137-1	1.51	1.40	1.50	1.47	4.34	ppb
Beryllium	9-1	0.30	0.27	0.24	0.27	11.42	ppb
Bismuth	209-1				86		%
Bismuth	209-2				91		%
Boron	10-1	4.31	3.38	3.65	3.78	12.65	ppb
Boron	11-1	4.00	3.47	3.60	3.69	7.51	ppb
Cadmium	111-1	0.66	0.50	0.60	0.59	13.83	ppb
Cadmium	106-1	-0.44	-0.59	0.32	-0.24		ppb
Cadmium	108-1	17.33	14.77	14.74	15.61	9.51	ppb
Calcium	43-1	103046.33	92018.54	93396.55	96153.81	6.25	ppb
Calcium	44-1	103184.77	92715.89	93329.97	96410.21	6.09	ppb
Chromium	52-2	19.04	18.99	18.64	18.89	1.15	ppb
Cobalt	59-2	1.14	1.12	1.12	1.13	0.76	ppb
Copper	63-2	7.69	7.69	7.66	7.68	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				94		%
Holmium	165-2				97		%
Indium	115-1				90		%
Indium	115-2				94		%
Iron	56-2	98263.48	97758.66	96245.11	97422.42	1.08	ppb
Iron	57-2	97962.08	97264.63	95623.34	96950.02	1.24	ppb
Krypton	83-1						cps
Lead	206-1	5.14	4.62	4.74	4.83	5.68	ppb
Lead	207-1	4.60	4.00	4.17	4.26	7.28	ppb
Lead	208-1	4.82	4.32	4.43	4.52	5.84	ppb
Lithium	6-1				95		%
Magnesium	24-2	97721.00	97661.47	96375.32	97252.60	0.78	ppb

LB Number : LB98797 Operator : Jaswal
 Lab Sample ID : ICSA01 Instrumnet Name : P7
 Client Sample ID : ICSA01 Dilution Factor : 1
 Date & Time Acquired :: 2018-10-23 16:00:43 DataFile Name : 015ICSA01.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	7.71	7.84	7.44	7.66	2.68	ppb
Molybdenum	94-1	1468.81	1312.28	1333.85	1371.65	6.18	ppb
Molybdenum	95-1	2119.57	1888.05	1909.84	1972.48	6.48	ppb
Molybdenum	96-1	2042.61	1811.58	1839.05	1897.75	6.65	ppb
Molybdenum	97-1	2126.72	1891.15	1913.17	1977.01	6.58	ppb
Molybdenum	98-1	2121.49	1892.93	1923.79	1979.40	6.27	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	5.12	5.26	5.01	5.13	2.49	ppb
Phosphorus	31-2	94618.49	93464.75	92790.61	93624.61	0.99	ppb
Potassium	39-2	94766.48	93525.68	93227.33	93839.83	0.87	ppb
Rhodium	103-1				87		%
Rhodium	103-2				92		%
Scandium	45-1				94		%
Scandium	45-2				98		%
Selenium	77-2	0.19	0.58	0.19	0.32	69.44	ppb
Selenium	78-2	-0.14	0.14	0.20	0.07	275.53	ppb
Selenium	82-1	0.13	0.22	0.24	0.20	28.84	ppb
Silicon	28-1	28.63	23.41	23.66	25.23	11.68	ppb
Silver	109-1	0.18	0.19	0.15	0.17	13.60	ppb
Silver	107-1	0.20	0.17	0.17	0.18	9.60	ppb
Sodium	23-2	98164.16	97199.31	95829.19	97064.22	1.21	ppb
Strontium	86-1	36.38	32.28	32.66	33.77	6.71	ppb
Strontium	88-1	36.70	32.50	32.81	34.00	6.89	ppb
Sulfur	34-1	83857.31	74038.53	74981.64	77625.83	6.98	ppb
Terbium	159-1				95		%
Terbium	159-2				97		%
Thallium	203-1	0.13	0.11	0.11	0.12	14.07	ppb
Thallium	205-1	0.12	0.11	0.09	0.11	14.57	ppb
Thorium	232-1	0.01	0.02	0.01	0.01	2.30	ppb
Tin	118-1	0.18	0.15	0.14	0.16	13.62	ppb
Titanium	47-1	2226.81	2001.82	2002.19	2076.94	6.25	ppb
Uranium	238-1	0.02	0.01	0.01	0.01	15.69	ppb
Vanadium	51-2	0.15	0.17	0.15	0.16	4.84	ppb
Yttrium	89-1				94		%
Yttrium	89-2				97		%

LB Number :	LB98797	Operator :	Jaswal
Lab Sample ID :	ICSA01	Instrumnet Name :	P7
Client Sample ID :	ICSA01	Dilution Factor :	1
Date & Time Acquired ::	2018-10-23 16:00:43	DataFile Name :	015ICSA01.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zinc	66-2	10.39	10.23	10.12	10.25	1.31	ppb
Zirconium	90-1	0.03	0.02	0.02	0.02	24.82	ppb
Zirconium	91-1	0.03	0.03	0.03	0.03	10.10	ppb

LB Number :	LB98797	Operator :	Jaswal
Lab Sample ID :	ICSAB01	Instrumnet Name :	P7
Client Sample ID :	ICSAB01	Dilution Factor :	1
Date & Time Acquired ::	2018-10-23 16:04:19	DataFile Name :	016ICSB.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	86445.68	86656.91	87768.92	86957.17	0.82	ppb
Antimony	121-1	20.30	20.37	20.65	20.44	0.90	ppb
Arsenic	75-2	19.08	19.06	19.09	19.08	0.08	ppb
Barium	135-1	21.17	20.95	21.15	21.09	0.57	ppb
Barium	137-1	20.91	21.01	21.13	21.02	0.51	ppb
Beryllium	9-1	19.83	19.53	19.55	19.64	0.86	ppb
Bismuth	209-1				89		%
Bismuth	209-2				91		%
Boron	10-1	51.83	51.67	52.83	52.11	1.20	ppb
Boron	11-1	51.66	52.62	53.25	52.51	1.53	ppb
Cadmium	111-1	19.45	19.72	19.91	19.69	1.18	ppb
Cadmium	106-1	15.75	15.05	15.51	15.44	2.29	ppb
Cadmium	108-1	31.22	30.49	30.00	30.57	2.02	ppb
Calcium	43-1	92140.97	92471.75	92407.47	92340.06	0.19	ppb
Calcium	44-1	92119.18	92377.48	92472.28	92322.98	0.20	ppb
Chromium	52-2	37.25	37.75	37.59	37.53	0.67	ppb
Cobalt	59-2	20.29	20.38	20.48	20.38	0.48	ppb
Copper	63-2	26.61	26.85	27.36	26.94	1.43	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				98		%
Holmium	165-2				98		%
Indium	115-1				94		%
Indium	115-2				95		%
Iron	56-2	95662.91	96887.74	97088.06	96546.24	0.80	ppb
Iron	57-2	96832.71	96103.38	96693.84	96543.31	0.40	ppb
Krypton	83-1						cps
Lead	206-1	24.55	24.67	24.62	24.61	0.24	ppb
Lead	207-1	22.67	23.01	22.66	22.78	0.86	ppb
Lead	208-1	23.63	23.77	23.65	23.68	0.32	ppb
Lithium	6-1				97		%
Magnesium	24-2	95858.77	96570.05	97556.57	96661.79	0.88	ppb

LB Number :	LB98797	Operator :	Jaswal
Lab Sample ID :	ICSAB01	Instrumnet Name :	P7
Client Sample ID :	ICSAB01	Dilution Factor :	1
Date & Time Acquired ::	2018-10-23 16:04:19	DataFile Name :	016ICSB.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	26.47	26.23	26.69	26.46	0.86	ppb
Molybdenum	94-1	1341.62	1348.09	1351.38	1347.03	0.37	ppb
Molybdenum	95-1	1923.02	1948.71	1940.92	1937.55	0.68	ppb
Molybdenum	96-1	1861.42	1877.62	1868.46	1869.17	0.43	ppb
Molybdenum	97-1	1929.95	1953.56	1940.60	1941.37	0.61	ppb
Molybdenum	98-1	1940.03	1950.58	1942.34	1944.32	0.29	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	23.93	23.71	24.67	24.10	2.08	ppb
Phosphorus	31-2	92507.89	93635.10	93453.90	93198.96	0.65	ppb
Potassium	39-2	92537.54	92938.89	93577.54	93017.99	0.56	ppb
Rhodium	103-1				91		%
Rhodium	103-2				93		%
Scandium	45-1				99		%
Scandium	45-2				100		%
Selenium	77-2	18.11	18.30	19.08	18.50	2.77	ppb
Selenium	78-2	18.22	16.93	17.74	17.63	3.72	ppb
Selenium	82-1	19.03	19.18	19.04	19.08	0.44	ppb
Silicon	28-1	70.59	71.06	70.88	70.84	0.33	ppb
Silver	109-1	18.86	18.84	18.92	18.87	0.22	ppb
Silver	107-1	18.61	18.77	18.81	18.73	0.58	ppb
Sodium	23-2	95054.58	96149.97	97498.45	96234.33	1.27	ppb
Strontium	86-1	32.72	32.88	32.85	32.82	0.25	ppb
Strontium	88-1	32.69	32.94	32.89	32.84	0.39	ppb
Sulfur	34-1	73813.51	73619.72	73641.04	73691.43	0.14	ppb
Terbium	159-1				98		%
Terbium	159-2				97		%
Thallium	203-1	19.88	20.07	20.12	20.02	0.62	ppb
Thallium	205-1	20.01	20.02	20.14	20.06	0.38	ppb
Thorium	232-1	0.02	0.02	0.02	0.02	5.57	ppb
Tin	118-1	47.76	47.70	48.15	47.87	0.51	ppb
Titanium	47-1	2041.59	2042.36	2023.83	2035.92	0.51	ppb
Uranium	238-1	0.01	0.01	0.02	0.01	10.27	ppb
Vanadium	51-2	19.12	19.29	19.29	19.23	0.51	ppb
Yttrium	89-1				99		%
Yttrium	89-2				99		%

LB Number :	LB98797	Operator :	Jaswal
Lab Sample ID :	ICSAB01	Instrumnet Name :	P7
Client Sample ID :	ICSAB01	Dilution Factor :	1
Date & Time Acquired ::	2018-10-23 16:04:19	DataFile Name :	016ICSB.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zinc	66-2	28.28	29.68	29.81	29.26	2.89	ppb
Zirconium	90-1	0.02	0.01	0.02	0.02	31.64	ppb
Zirconium	91-1	0.04	0.01	0.02	0.02	56.63	ppb

LB Number :	LB98797	Operator :	Jaswal
Lab Sample ID :	CCV59	Instrumnet Name :	P7
Client Sample ID :	CCV59	Dilution Factor :	1
Date & Time Acquired ::	2018-10-23 16:07:54	DataFile Name :	017CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	53774.45	53096.53	53980.74	53617.24	0.86	ppb
Antimony	121-1	503.15	501.86	499.27	501.43	0.39	ppb
Arsenic	75-2	475.68	478.49	473.90	476.02	0.49	ppb
Barium	135-1	2562.54	2569.24	2552.04	2561.27	0.34	ppb
Barium	137-1	2576.35	2572.14	2562.65	2570.38	0.27	ppb
Beryllium	9-1	503.01	501.32	498.91	501.08	0.41	ppb
Bismuth	209-1				85		%
Bismuth	209-2				87		%
Boron	10-1	502.32	499.38	509.66	503.78	1.05	ppb
Boron	11-1	511.66	504.51	513.22	509.80	0.91	ppb
Cadmium	111-1	486.53	487.58	489.41	487.84	0.30	ppb
Cadmium	106-1	486.75	492.78	493.48	491.00	0.75	ppb
Cadmium	108-1	486.17	489.09	492.97	489.41	0.70	ppb
Calcium	43-1	242403.48	240400.58	241057.24	241287.10	0.42	ppb
Calcium	44-1	244177.52	242018.86	240338.87	242178.42	0.79	ppb
Chromium	52-2	509.14	505.63	508.21	507.66	0.36	ppb
Cobalt	59-2	486.36	484.58	482.97	484.64	0.35	ppb
Copper	63-2	946.92	940.38	934.08	940.46	0.68	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				97		%
Holmium	165-2				97		%
Indium	115-1				92		%
Indium	115-2				94		%
Iron	56-2	124486.49	123353.68	124142.81	123994.33	0.47	ppb
Iron	57-2	124772.02	124113.85	124577.28	124487.72	0.27	ppb
Krypton	83-1						cps
Lead	206-1	516.51	518.27	515.87	516.88	0.24	ppb
Lead	207-1	501.69	505.64	505.65	504.33	0.45	ppb
Lead	208-1	518.08	517.07	515.47	516.87	0.25	ppb
Lithium	6-1				95		%
Magnesium	24-2	250933.09	246466.72	249385.17	248928.33	0.91	ppb

LB Number :	LB98797	Operator :	Jaswal
Lab Sample ID :	CCV59	Instrumnet Name :	P7
Client Sample ID :	CCV59	Dilution Factor :	1
Date & Time Acquired ::	2018-10-23 16:07:54	DataFile Name :	017CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	990.98	983.45	985.98	986.80	0.39	ppb
Molybdenum	94-1	2585.80	2548.44	2538.67	2557.64	0.97	ppb
Molybdenum	95-1	2571.87	2544.33	2539.02	2551.74	0.69	ppb
Molybdenum	96-1	2562.93	2546.78	2539.53	2549.75	0.47	ppb
Molybdenum	97-1	2564.41	2542.51	2528.01	2544.98	0.72	ppb
Molybdenum	98-1	2560.07	2540.15	2536.01	2545.41	0.51	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	492.03	489.90	490.02	490.65	0.24	ppb
Phosphorus	31-2	9832.30	9555.24	9856.18	9747.91	1.72	ppb
Potassium	39-2	123780.66	121700.59	123324.72	122935.32	0.89	ppb
Rhodium	103-1				88		%
Rhodium	103-2				89		%
Scandium	45-1				99		%
Scandium	45-2				100		%
Selenium	77-2	470.69	470.77	460.77	467.41	1.23	ppb
Selenium	78-2	470.00	471.62	467.83	469.82	0.41	ppb
Selenium	82-1	468.31	464.61	465.33	466.08	0.42	ppb
Silicon	28-1	478.04	474.84	476.28	476.39	0.34	ppb
Silver	109-1	487.29	493.15	489.24	489.89	0.61	ppb
Silver	107-1	492.60	490.42	488.90	490.64	0.38	ppb
Sodium	23-2	246507.25	244475.52	246135.84	245706.20	0.44	ppb
Strontium	86-1	508.26	504.06	507.65	506.65	0.45	ppb
Strontium	88-1	517.68	510.49	512.99	513.72	0.71	ppb
Sulfur	34-1	9596.73	9448.26	9631.08	9558.69	1.02	ppb
Terbium	159-1				97		%
Terbium	159-2				96		%
Thallium	203-1	528.18	525.59	527.31	527.03	0.25	ppb
Thallium	205-1	520.58	525.26	522.76	522.87	0.45	ppb
Thorium	232-1	544.64	544.94	539.65	543.08	0.55	ppb
Tin	118-1	518.84	517.19	511.93	515.99	0.70	ppb
Titanium	47-1	2599.38	2593.57	2558.79	2583.91	0.85	ppb
Uranium	238-1	531.91	528.15	531.46	530.51	0.39	ppb
Vanadium	51-2	503.05	502.16	502.12	502.45	0.10	ppb
Yttrium	89-1				99		%
Yttrium	89-2				98		%

LB Number :	LB98797	Operator :	Jaswal
Lab Sample ID :	CCV59	Instrumnet Name :	P7
Client Sample ID :	CCV59	Dilution Factor :	1
Date & Time Acquired ::	2018-10-23 16:07:54	DataFile Name :	017CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zinc	66-2	919.19	920.73	916.96	918.96	0.21	ppb
Zirconium	90-1	521.95	517.11	517.58	518.88	0.51	ppb
Zirconium	91-1	511.79	507.72	509.64	509.72	0.40	ppb

LB Number :	LB98797	Operator :	Jaswal
Lab Sample ID :	CCB59	Instrumnet Name :	P7
Client Sample ID :	CCB59	Dilution Factor :	1
Date & Time Acquired ::	2018-10-23 16:13:08	DataFile Name :	018CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	0.08	0.62	0.59	0.43	70.78	ppb
Antimony	121-1	0.08	0.11	0.09	0.10	16.58	ppb
Arsenic	75-2	0.03	0.02	0.03	0.03	26.78	ppb
Barium	135-1	0.03	0.07	0.02	0.04	71.15	ppb
Barium	137-1	0.01	0.06	0.02	0.03	86.33	ppb
Beryllium	9-1	0.01	0.02	0.02	0.02	13.51	ppb
Bismuth	209-1				100		%
Bismuth	209-2				102		%
Boron	10-1	6.48	6.33	6.11	6.31	2.96	ppb
Boron	11-1	6.71	6.12	5.92	6.25	6.64	ppb
Cadmium	111-1	0.00	0.01	0.01	0.01	84.04	ppb
Cadmium	106-1	-0.12	0.03	0.00	-0.03		ppb
Cadmium	108-1	0.00	0.06	0.00	0.02	154.75	ppb
Calcium	43-1	1.41	2.80	1.37	1.86	43.73	ppb
Calcium	44-1	0.95	1.75	1.51	1.40	29.41	ppb
Chromium	52-2	-0.01	0.00	-0.01	-0.01		ppb
Cobalt	59-2	0.00	0.00	0.00	0.00		ppb
Copper	63-2	0.03	0.02	0.02	0.03	16.93	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				103		%
Indium	115-2				103		%
Iron	56-2	1.13	1.21	1.38	1.24	10.46	ppb
Iron	57-2	1.55	0.69	0.71	0.98	49.99	ppb
Krypton	83-1						cps
Lead	206-1	0.04	0.04	0.04	0.04	4.94	ppb
Lead	207-1	0.04	0.04	0.04	0.04	11.29	ppb
Lead	208-1	0.04	0.04	0.03	0.04	6.85	ppb
Lithium	6-1				103		%
Magnesium	24-2	1.74	1.79	1.72	1.75	1.98	ppb

LB Number :	LB98797	Operator :	Jaswal
Lab Sample ID :	CCB59	Instrumnet Name :	P7
Client Sample ID :	CCB59	Dilution Factor :	1
Date & Time Acquired ::	2018-10-23 16:13:08	DataFile Name :	018CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	0.01	0.02	0.00	0.01	60.83	ppb
Molybdenum	94-1	0.15	0.14	0.11	0.13	15.47	ppb
Molybdenum	95-1	0.21	0.16	0.14	0.17	19.67	ppb
Molybdenum	96-1	0.21	0.17	0.14	0.17	20.49	ppb
Molybdenum	97-1	0.17	0.18	0.16	0.17	3.92	ppb
Molybdenum	98-1	0.19	0.16	0.14	0.16	13.42	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.00	0.00	0.00	0.00	1073.23	ppb
Phosphorus	31-2	-5.43	2.13	-2.80	-2.03		ppb
Potassium	39-2	21.57	20.97	22.79	21.78	4.26	ppb
Rhodium	103-1				103		%
Rhodium	103-2				105		%
Scandium	45-1				105		%
Scandium	45-2				104		%
Selenium	77-2	0.00	0.18	0.00	0.06	173.21	ppb
Selenium	78-2	-0.19	0.27	0.08	0.06	419.64	ppb
Selenium	82-1	-0.05	0.05	0.11	0.03	237.84	ppb
Silicon	28-1	0.76	0.29	0.28	0.44	61.93	ppb
Silver	109-1	0.03	0.03	0.03	0.03	7.23	ppb
Silver	107-1	0.02	0.02	0.03	0.02	6.86	ppb
Sodium	23-2	50.97	51.51	50.59	51.02	0.90	ppb
Strontium	86-1	0.01	0.01	-0.01	0.00	523.64	ppb
Strontium	88-1	0.00	0.00	0.00	0.00	33.88	ppb
Sulfur	34-1	-458.29	-483.08	-517.81	-486.40		ppb
Terbium	159-1				102		%
Terbium	159-2				100		%
Thallium	203-1	0.03	0.02	0.03	0.03	5.74	ppb
Thallium	205-1	0.02	0.03	0.02	0.03	20.97	ppb
Thorium	232-1	0.04	0.04	0.04	0.04	11.65	ppb
Tin	118-1	0.05	0.06	0.05	0.05	13.35	ppb
Titanium	47-1	0.03	0.04	0.02	0.03	26.76	ppb
Uranium	238-1	0.00	0.00	0.00	0.00	47.94	ppb
Vanadium	51-2	0.00	0.00	0.00	0.00	60.84	ppb
Yttrium	89-1				104		%
Yttrium	89-2				103		%

LB Number :	LB98797	Operator :	Jaswal
Lab Sample ID :	CCB59	Instrumnet Name :	P7
Client Sample ID :	CCB59	Dilution Factor :	1
Date & Time Acquired ::	2018-10-23 16:13:08	DataFile Name :	018CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zinc	66-2	0.01	-0.18	0.22	0.02	1185.60	ppb
Zirconium	90-1	0.02	0.02	0.02	0.02	6.46	ppb
Zirconium	91-1	0.03	0.03	0.03	0.03	9.60	ppb

LB Number :	LB98797	Operator :	Jaswal
Lab Sample ID :	CRI	Instrumnet Name :	P7
Client Sample ID :	CRI	Dilution Factor :	1
Date & Time Acquired ::	2018-10-23 16:16:42	DataFile Name :	019LLCC.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	20.02	20.54	19.84	20.13	1.82	ppb
Antimony	121-1	2.06	2.21	2.10	2.12	3.64	ppb
Arsenic	75-2	1.00	0.99	1.06	1.02	3.45	ppb
Barium	135-1	10.27	10.21	10.01	10.16	1.31	ppb
Barium	137-1	10.31	10.23	10.25	10.26	0.44	ppb
Beryllium	9-1	1.01	1.08	1.03	1.04	3.24	ppb
Bismuth	209-1				100		%
Bismuth	209-2				103		%
Boron	10-1	28.13	28.98	28.79	28.63	1.55	ppb
Boron	11-1	29.10	29.61	29.75	29.49	1.15	ppb
Cadmium	111-1	1.26	1.16	1.20	1.21	4.27	ppb
Cadmium	106-1	3.17	2.01	2.27	2.48	24.60	ppb
Cadmium	108-1	1.22	1.16	1.39	1.25	9.40	ppb
Calcium	43-1	462.73	473.85	482.09	472.89	2.05	ppb
Calcium	44-1	478.80	477.23	477.95	478.00	0.16	ppb
Chromium	52-2	2.23	2.15	2.10	2.16	2.89	ppb
Cobalt	59-2	1.05	1.03	1.09	1.05	2.85	ppb
Copper	63-2	2.19	2.27	2.19	2.22	2.02	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				101		%
Holmium	165-2				101		%
Indium	115-1				103		%
Indium	115-2				104		%
Iron	56-2	53.08	52.72	52.39	52.73	0.66	ppb
Iron	57-2	54.18	53.80	52.52	53.50	1.62	ppb
Krypton	83-1						cps
Lead	206-1	0.99	1.01	1.03	1.01	2.19	ppb
Lead	207-1	1.02	1.00	1.01	1.01	0.84	ppb
Lead	208-1	1.00	1.01	1.02	1.01	1.04	ppb
Lithium	6-1				103		%
Magnesium	24-2	517.57	510.29	506.89	511.58	1.07	ppb

LB Number :	LB98797	Operator :	Jaswal
Lab Sample ID :	CRI	Instrumnet Name :	P7
Client Sample ID :	CRI	Dilution Factor :	1
Date & Time Acquired ::	2018-10-23 16:16:42	DataFile Name :	019LLCC.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	1.05	1.08	1.04	1.06	2.04	ppb
Molybdenum	94-1	5.08	4.98	5.16	5.08	1.80	ppb
Molybdenum	95-1	5.02	5.06	5.04	5.04	0.38	ppb
Molybdenum	96-1	5.06	4.93	5.03	5.01	1.28	ppb
Molybdenum	97-1	5.02	5.21	5.14	5.12	1.82	ppb
Molybdenum	98-1	5.15	5.05	5.05	5.08	1.15	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	1.15	1.16	1.10	1.14	2.92	ppb
Phosphorus	31-2	6.35	0.89	-5.62	0.54	1104.48	ppb
Potassium	39-2	510.91	509.55	503.66	508.04	0.76	ppb
Rhodium	103-1				102		%
Rhodium	103-2				104		%
Scandium	45-1				105		%
Scandium	45-2				105		%
Selenium	77-2	5.04	6.53	6.14	5.90	13.15	ppb
Selenium	78-2	5.47	5.45	5.38	5.43	0.87	ppb
Selenium	82-1	5.49	5.49	5.47	5.48	0.22	ppb
Silicon	28-1	14.46	15.09	14.98	14.84	2.29	ppb
Silver	109-1	1.12	1.12	1.12	1.12	0.29	ppb
Silver	107-1	1.12	1.15	1.09	1.12	2.48	ppb
Sodium	23-2	531.75	532.27	529.50	531.17	0.28	ppb
Strontium	86-1	1.00	0.93	1.02	0.99	4.72	ppb
Strontium	88-1	1.03	1.02	1.03	1.03	0.61	ppb
Sulfur	34-1	-270.40	-367.61	-388.94	-342.32		ppb
Terbium	159-1				101		%
Terbium	159-2				101		%
Thallium	203-1	0.94	0.99	0.97	0.97	2.22	ppb
Thallium	205-1	0.96	0.99	1.00	0.98	1.97	ppb
Thorium	232-1	0.95	0.95	0.95	0.95	0.21	ppb
Tin	118-1	5.35	5.38	5.31	5.35	0.68	ppb
Titanium	47-1	5.25	5.12	4.98	5.12	2.68	ppb
Uranium	238-1	0.94	0.93	0.94	0.93	0.70	ppb
Vanadium	51-2	5.07	4.95	4.84	4.95	2.36	ppb
Yttrium	89-1				104		%
Yttrium	89-2				104		%

LB Number :	LB98797	Operator :	Jaswal
Lab Sample ID :	CRI	Instrumnet Name :	P7
Client Sample ID :	CRI	Dilution Factor :	1
Date & Time Acquired ::	2018-10-23 16:16:42	DataFile Name :	019LLCC.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zinc	66-2	2.61	2.49	2.52	2.54	2.48	ppb
Zirconium	90-1	1.05	1.07	1.02	1.05	2.47	ppb
Zirconium	91-1	1.04	1.03	1.07	1.05	1.95	ppb

LB Number :	LB98797	Operator :	Jaswal
Lab Sample ID :	J4879-02DLX2	Instrumnet Name :	P7
Client Sample ID :	PT-TM1-WPDL	Dilution Factor :	2
Date & Time Acquired ::	2018-10-23 16:22:42	DataFile Name :	020SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	585.78	587.09	586.73	586.54	0.11	ppb
Antimony	121-1	89.82	89.55	90.93	90.10	0.81	ppb
Arsenic	75-2	150.90	154.24	150.90	152.02	1.27	ppb
Barium	135-1	749.65	752.96	760.06	754.22	0.71	ppb
Barium	137-1	751.19	754.44	755.50	753.71	0.30	ppb
Beryllium	9-1	157.71	156.22	159.23	157.72	0.95	ppb
Bismuth	209-1				100		%
Bismuth	209-2				102		%
Boron	10-1	429.91	436.13	447.63	437.89	2.05	ppb
Boron	11-1	430.36	434.38	453.10	439.28	2.76	ppb
Cadmium	111-1	224.06	224.41	226.28	224.92	0.53	ppb
Cadmium	106-1	174.74	176.96	179.32	177.01	1.29	ppb
Cadmium	108-1	191.85	190.38	195.62	192.61	1.40	ppb
Calcium	43-1	72.26	71.92	65.81	70.00	5.19	ppb
Calcium	44-1	42.29	40.61	40.73	41.21	2.28	ppb
Chromium	52-2	327.84	326.01	321.81	325.22	0.95	ppb
Cobalt	59-2	183.86	183.04	181.43	182.78	0.68	ppb
Copper	63-2	321.77	323.33	319.88	321.66	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				101		%
Holmium	165-2				100		%
Indium	115-1				102		%
Indium	115-2				104		%
Iron	56-2	1200.01	1194.72	1178.91	1191.21	0.92	ppb
Iron	57-2	1197.80	1204.89	1189.32	1197.33	0.65	ppb
Krypton	83-1						cps
Lead	206-1	353.18	357.04	360.43	356.88	1.02	ppb
Lead	207-1	344.31	344.20	347.63	345.38	0.57	ppb
Lead	208-1	353.53	352.44	357.76	354.58	0.79	ppb
Lithium	6-1				102		%
Magnesium	24-2	0.82	1.47	0.63	0.98	45.12	ppb

LB Number :	LB98797	Operator :	Jaswal
Lab Sample ID :	J4879-02DLX2	Instrumnet Name :	P7
Client Sample ID :	PT-TM1-WPDL	Dilution Factor :	2
Date & Time Acquired ::	2018-10-23 16:22:42	DataFile Name :	020SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	424.41	424.92	419.71	423.01	0.68	ppb
Molybdenum	94-1	52.48	52.46	52.73	52.56	0.28	ppb
Molybdenum	95-1	75.47	75.37	76.51	75.78	0.83	ppb
Molybdenum	96-1	72.60	72.27	73.16	72.68	0.62	ppb
Molybdenum	97-1	74.36	75.53	75.88	75.26	1.06	ppb
Molybdenum	98-1	75.62	75.32	75.44	75.46	0.20	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	873.63	873.41	867.02	871.35	0.43	ppb
Phosphorus	31-2	-7.27	3.41	-1.13	-1.66		ppb
Potassium	39-2	12.81	13.64	11.93	12.80	6.69	ppb
Rhodium	103-1				101		%
Rhodium	103-2				104		%
Scandium	45-1				104		%
Scandium	45-2				104		%
Selenium	77-2	424.84	443.92	444.23	437.66	2.54	ppb
Selenium	78-2	426.47	441.78	426.52	431.59	2.04	ppb
Selenium	82-1	433.97	431.45	435.28	433.57	0.45	ppb
Silicon	28-1	54.56	54.91	56.03	55.16	1.39	ppb
Silver	109-1	187.83	185.92	189.35	187.70	0.92	ppb
Silver	107-1	188.70	186.87	188.43	188.00	0.53	ppb
Sodium	23-2	43.44	44.78	41.83	43.35	3.41	ppb
Strontium	86-1	89.33	89.17	88.88	89.13	0.26	ppb
Strontium	88-1	87.89	88.09	88.23	88.07	0.19	ppb
Sulfur	34-1	-486.13	-563.19	-594.86	-548.06		ppb
Terbium	159-1				101		%
Terbium	159-2				100		%
Thallium	203-1	205.58	209.23	210.32	208.38	1.19	ppb
Thallium	205-1	207.35	209.14	209.00	208.50	0.48	ppb
Thorium	232-1	0.01	0.01	0.01	0.01	15.14	ppb
Tin	118-1	0.02	0.03	0.02	0.02	27.01	ppb
Titanium	47-1	0.06	0.06	0.08	0.07	18.04	ppb
Uranium	238-1	0.00	0.00	0.00	0.00		ppb
Vanadium	51-2	425.81	423.40	414.91	421.37	1.36	ppb
Yttrium	89-1				103		%
Yttrium	89-2				103		%

LB Number :	LB98797	Operator :	Jaswal
Lab Sample ID :	J4879-02DLX2	Instrumnet Name :	P7
Client Sample ID :	PT-TM1-WPDL	Dilution Factor :	2
Date & Time Acquired ::	2018-10-23 16:22:42	DataFile Name :	020SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zinc	66-2	823.28	820.63	811.19	818.37	0.78	ppb
Zirconium	90-1	0.06	0.06	0.06	0.06	8.36	ppb
Zirconium	91-1	0.16	0.14	0.14	0.15	8.75	ppb

LB Number :	LB98797	Operator :	Jaswal
Lab Sample ID :	J4879-06DLX2	Instrumnet Name :	P7
Client Sample ID :	PT-MIN2-WPDL	Dilution Factor :	2
Date & Time Acquired ::	2018-10-23 16:26:17	DataFile Name :	021SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	22.47	25.14	23.03	23.55	5.98	ppb
Antimony	121-1	0.06	0.06	0.07	0.06	8.25	ppb
Arsenic	75-2	0.02	0.03	-0.01	0.02	124.39	ppb
Barium	135-1	0.13	0.07	0.10	0.10	29.64	ppb
Barium	137-1	0.10	0.07	0.07	0.08	23.43	ppb
Beryllium	9-1	0.08	0.01	0.01	0.03	114.15	ppb
Bismuth	209-1				98		%
Bismuth	209-2				100		%
Boron	10-1	93.06	96.62	96.25	95.31	2.05	ppb
Boron	11-1	95.45	95.57	96.50	95.84	0.60	ppb
Cadmium	111-1	0.01	-0.01	0.04	0.01	175.23	ppb
Cadmium	106-1	-0.05	-0.11	0.35	0.06	411.23	ppb
Cadmium	108-1	0.08	0.15	0.03	0.09	74.90	ppb
Calcium	43-1	3.91	3.24	2.85	3.33	16.05	ppb
Calcium	44-1	8.46	6.61	7.53	7.53	12.29	ppb
Chromium	52-2	0.02	0.04	0.02	0.03	36.56	ppb
Cobalt	59-2	0.03	0.03	0.03	0.03	7.81	ppb
Copper	63-2	0.07	0.06	0.06	0.06	2.28	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				99		%
Holmium	165-2				99		%
Indium	115-1				99		%
Indium	115-2				98		%
Iron	56-2	1.01	1.07	0.94	1.00	6.59	ppb
Iron	57-2	0.35	0.66	0.23	0.42	53.17	ppb
Krypton	83-1						cps
Lead	206-1	0.11	0.11	0.13	0.12	10.57	ppb
Lead	207-1	0.10	0.10	0.11	0.10	7.14	ppb
Lead	208-1	0.11	0.10	0.12	0.11	9.29	ppb
Lithium	6-1				102		%
Magnesium	24-2	0.66	0.84	0.75	0.75	11.92	ppb

LB Number :	LB98797	Operator :	Jaswal
Lab Sample ID :	J4879-06DLX2	Instrumnet Name :	P7
Client Sample ID :	PT-MIN2-WPDL	Dilution Factor :	2
Date & Time Acquired ::	2018-10-23 16:26:17	DataFile Name :	021SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	0.02	0.03	0.02	0.02	22.22	ppb
Molybdenum	94-1	1.14	1.13	1.14	1.14	0.65	ppb
Molybdenum	95-1	0.04	0.04	0.03	0.03	23.52	ppb
Molybdenum	96-1	0.18	0.19	0.19	0.19	2.02	ppb
Molybdenum	97-1	0.07	0.05	0.02	0.05	59.84	ppb
Molybdenum	98-1	0.05	0.03	0.03	0.04	37.47	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.21	0.16	0.21	0.20	15.17	ppb
Phosphorus	31-2	-3.61	0.00	-4.43	-2.68		ppb
Potassium	39-2	8.11	11.19	8.26	9.19	18.89	ppb
Rhodium	103-1				100		%
Rhodium	103-2				102		%
Scandium	45-1				102		%
Scandium	45-2				102		%
Selenium	77-2	0.19	0.18	0.37	0.25	43.16	ppb
Selenium	78-2	-0.23	-0.14	-0.13	-0.17		ppb
Selenium	82-1	0.19	0.12	0.10	0.14	32.32	ppb
Silicon	28-1	578.40	580.53	580.07	579.67	0.19	ppb
Silver	109-1	0.04	0.04	0.03	0.04	17.50	ppb
Silver	107-1	0.05	0.03	0.03	0.04	36.94	ppb
Sodium	23-2	91.59	90.67	91.80	91.35	0.66	ppb
Strontium	86-1	0.03	-0.02	-0.04	-0.01		ppb
Strontium	88-1	0.02	0.01	0.01	0.01	37.09	ppb
Sulfur	34-1	-888.44	-855.90	-865.97	-870.10		ppb
Terbium	159-1				100		%
Terbium	159-2				98		%
Thallium	203-1	0.03	0.03	0.03	0.03	11.50	ppb
Thallium	205-1	0.04	0.03	0.03	0.03	21.29	ppb
Thorium	232-1	0.02	0.01	0.01	0.01	17.38	ppb
Tin	118-1	930.00	927.55	932.93	930.16	0.29	ppb
Titanium	47-1	139.26	139.47	140.63	139.79	0.53	ppb
Uranium	238-1	0.00	0.00	0.00	0.00		ppb
Vanadium	51-2	0.01	0.01	0.01	0.01	14.55	ppb
Yttrium	89-1				102		%
Yttrium	89-2				100		%

LB Number :	LB98797	Operator :	Jaswal
Lab Sample ID :	J4879-06DLX2	Instrumnet Name :	P7
Client Sample ID :	PT-MIN2-WPDL	Dilution Factor :	2
Date & Time Acquired ::	2018-10-23 16:26:17	DataFile Name :	021SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zinc	66-2	0.12	0.13	0.10	0.12	15.08	ppb
Zirconium	90-1	0.74	0.74	0.73	0.74	0.85	ppb
Zirconium	91-1	0.78	0.74	0.72	0.75	4.13	ppb

LB Number :	LB98797	Operator :	Jaswal
Lab Sample ID :	CCV60	Instrumnet Name :	P7
Client Sample ID :	CCV60	Dilution Factor :	1
Date & Time Acquired ::	2018-10-23 16:37:21	DataFile Name :	022CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	55313.58	55207.97	55227.82	55249.79	0.10	ppb
Antimony	121-1	503.36	504.90	503.23	503.83	0.18	ppb
Arsenic	75-2	489.94	483.61	482.19	485.25	0.85	ppb
Barium	135-1	2569.55	2576.39	2573.44	2573.13	0.13	ppb
Barium	137-1	2577.01	2574.18	2554.90	2568.70	0.47	ppb
Beryllium	9-1	499.10	511.60	503.29	504.66	1.26	ppb
Bismuth	209-1				83		%
Bismuth	209-2				85		%
Boron	10-1	488.47	520.25	518.57	509.10	3.51	ppb
Boron	11-1	497.02	520.69	522.50	513.41	2.77	ppb
Cadmium	111-1	484.49	489.27	492.09	488.62	0.79	ppb
Cadmium	106-1	494.01	494.50	494.05	494.18	0.06	ppb
Cadmium	108-1	490.10	489.96	489.81	489.96	0.03	ppb
Calcium	43-1	243528.01	245272.53	243853.98	244218.17	0.38	ppb
Calcium	44-1	243771.50	244412.83	245850.10	244678.14	0.44	ppb
Chromium	52-2	518.15	509.94	513.72	513.94	0.80	ppb
Cobalt	59-2	493.57	486.35	493.01	490.98	0.82	ppb
Copper	63-2	960.38	952.29	953.18	955.28	0.46	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				89		%
Indium	115-2				90		%
Iron	56-2	127015.94	125294.10	125658.55	125989.53	0.72	ppb
Iron	57-2	126214.20	125396.06	125304.57	125638.27	0.40	ppb
Krypton	83-1						cps
Lead	206-1	524.29	527.07	529.10	526.82	0.46	ppb
Lead	207-1	498.23	509.27	513.56	507.02	1.56	ppb
Lead	208-1	518.11	522.84	526.29	522.41	0.79	ppb
Lithium	6-1				94		%
Magnesium	24-2	257167.10	253551.17	256708.44	255808.90	0.77	ppb

LB Number :	LB98797	Operator :	Jaswal
Lab Sample ID :	CCV60	Instrumnet Name :	P7
Client Sample ID :	CCV60	Dilution Factor :	1
Date & Time Acquired ::	2018-10-23 16:37:21	DataFile Name :	022CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	1006.20	999.73	1001.66	1002.53	0.33	ppb
Molybdenum	94-1	2603.97	2595.03	2620.91	2606.64	0.50	ppb
Molybdenum	95-1	2588.46	2581.17	2612.17	2593.93	0.62	ppb
Molybdenum	96-1	2578.48	2581.35	2619.44	2593.09	0.88	ppb
Molybdenum	97-1	2575.23	2588.83	2594.56	2586.21	0.38	ppb
Molybdenum	98-1	2580.09	2591.17	2593.06	2588.11	0.27	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	498.19	490.20	496.70	495.03	0.86	ppb
Phosphorus	31-2	10163.87	10249.94	9849.76	10087.86	2.09	ppb
Potassium	39-2	125925.25	124635.21	125099.11	125219.86	0.52	ppb
Rhodium	103-1				84		%
Rhodium	103-2				86		%
Scandium	45-1				95		%
Scandium	45-2				97		%
Selenium	77-2	468.97	477.04	503.18	483.06	3.70	ppb
Selenium	78-2	479.02	475.05	478.79	477.62	0.47	ppb
Selenium	82-1	473.56	472.08	479.75	475.13	0.86	ppb
Silicon	28-1	485.51	488.01	491.12	488.21	0.58	ppb
Silver	109-1	488.85	488.49	490.77	489.37	0.25	ppb
Silver	107-1	492.14	491.31	487.68	490.38	0.48	ppb
Sodium	23-2	251732.32	250081.10	253876.70	251896.71	0.76	ppb
Strontium	86-1	513.28	515.86	521.99	517.04	0.87	ppb
Strontium	88-1	521.76	518.66	520.82	520.41	0.31	ppb
Sulfur	34-1	10525.24	10395.10	10175.98	10365.44	1.70	ppb
Terbium	159-1				94		%
Terbium	159-2				93		%
Thallium	203-1	529.88	531.18	535.47	532.18	0.55	ppb
Thallium	205-1	532.49	530.56	537.95	533.67	0.72	ppb
Thorium	232-1	542.93	551.01	552.62	548.85	0.95	ppb
Tin	118-1	521.17	520.44	521.24	520.95	0.09	ppb
Titanium	47-1	2608.72	2594.36	2609.90	2604.33	0.33	ppb
Uranium	238-1	530.41	529.49	541.46	533.79	1.25	ppb
Vanadium	51-2	514.22	506.48	509.41	510.04	0.77	ppb
Yttrium	89-1				94		%
Yttrium	89-2				95		%

LB Number :	LB98797	Operator :	Jaswal
Lab Sample ID :	CCV60	Instrumnet Name :	P7
Client Sample ID :	CCV60	Dilution Factor :	1
Date & Time Acquired ::	2018-10-23 16:37:21	DataFile Name :	022CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zinc	66-2	940.13	929.43	935.50	935.02	0.57	ppb
Zirconium	90-1	522.43	521.91	526.28	523.54	0.46	ppb
Zirconium	91-1	512.19	515.86	520.45	516.17	0.80	ppb

LB Number :	LB98797	Operator :	Jaswal
Lab Sample ID :	CCB60	Instrumnet Name :	P7
Client Sample ID :	CCB60	Dilution Factor :	1
Date & Time Acquired ::	2018-10-23 16:42:43	DataFile Name :	023CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	0.77	0.46	0.23	0.49	55.99	ppb
Antimony	121-1	0.11	0.10	0.09	0.10	12.64	ppb
Arsenic	75-2	0.01	0.01	0.05	0.02	107.07	ppb
Barium	135-1	0.19	0.01	0.03	0.08	129.03	ppb
Barium	137-1	0.19	0.02	0.03	0.08	121.36	ppb
Beryllium	9-1	0.02	0.01	0.02	0.02	34.47	ppb
Bismuth	209-1				97		%
Bismuth	209-2				101		%
Boron	10-1	7.68	7.59	7.24	7.50	3.11	ppb
Boron	11-1	7.78	7.05	6.73	7.19	7.52	ppb
Cadmium	111-1	0.04	0.02	0.06	0.04	52.29	ppb
Cadmium	106-1	0.35	0.16	0.63	0.38	61.17	ppb
Cadmium	108-1	-0.02	0.00	-0.01	-0.01		ppb
Calcium	43-1	4.13	0.66	2.11	2.30	75.86	ppb
Calcium	44-1	4.82	0.93	2.20	2.65	74.89	ppb
Chromium	52-2	0.03	0.00	0.01	0.01	122.86	ppb
Cobalt	59-2	0.00	0.00	0.00	0.00		ppb
Copper	63-2	0.02	0.02	0.01	0.02	23.09	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				98		%
Holmium	165-2				99		%
Indium	115-1				100		%
Indium	115-2				101		%
Iron	56-2	1.53	1.55	1.52	1.53	1.16	ppb
Iron	57-2	1.98	2.43	1.07	1.83	37.82	ppb
Krypton	83-1						cps
Lead	206-1	0.05	0.04	0.03	0.04	29.20	ppb
Lead	207-1	0.04	0.02	0.04	0.03	25.53	ppb
Lead	208-1	0.05	0.03	0.03	0.04	26.42	ppb
Lithium	6-1				101		%
Magnesium	24-2	2.83	3.39	3.48	3.23	10.90	ppb

LB Number :	LB98797	Operator :	Jaswal
Lab Sample ID :	CCB60	Instrumnet Name :	P7
Client Sample ID :	CCB60	Dilution Factor :	1
Date & Time Acquired ::	2018-10-23 16:42:43	DataFile Name :	023CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	0.03	0.01	0.02	0.02	35.02	ppb
Molybdenum	94-1	0.13	0.10	0.13	0.12	14.84	ppb
Molybdenum	95-1	0.17	0.12	0.13	0.14	19.13	ppb
Molybdenum	96-1	0.15	0.14	0.12	0.14	12.08	ppb
Molybdenum	97-1	0.18	0.15	0.13	0.15	17.03	ppb
Molybdenum	98-1	0.15	0.13	0.12	0.13	11.37	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.00	0.01	0.01	0.01	93.10	ppb
Phosphorus	31-2	-6.14	-3.82	-9.70	-6.55		ppb
Potassium	39-2	22.36	18.83	17.73	19.64	12.31	ppb
Rhodium	103-1				100		%
Rhodium	103-2				102		%
Scandium	45-1				102		%
Scandium	45-2				102		%
Selenium	77-2	0.19	0.00	0.18	0.12	86.65	ppb
Selenium	78-2	0.26	-0.22	-0.07	-0.01		ppb
Selenium	82-1	-0.14	0.06	0.05	-0.01		ppb
Silicon	28-1	1.19	1.07	0.77	1.01	21.23	ppb
Silver	109-1	0.02	0.02	0.03	0.02	15.24	ppb
Silver	107-1	0.03	0.02	0.03	0.03	3.55	ppb
Sodium	23-2	46.66	42.56	42.04	43.75	5.79	ppb
Strontium	86-1	-0.01	-0.02	-0.02	-0.02		ppb
Strontium	88-1	0.01	0.00	0.00	0.01	40.75	ppb
Sulfur	34-1	-117.61	-150.12	-212.75	-160.16		ppb
Terbium	159-1				99		%
Terbium	159-2				99		%
Thallium	203-1	0.04	0.03	0.03	0.03	26.41	ppb
Thallium	205-1	0.05	0.02	0.03	0.03	46.55	ppb
Thorium	232-1	0.04	0.03	0.03	0.03	23.37	ppb
Tin	118-1	0.07	0.05	0.06	0.06	18.88	ppb
Titanium	47-1	0.07	0.04	0.04	0.05	34.14	ppb
Uranium	238-1	0.03	0.00	0.00	0.01	133.35	ppb
Vanadium	51-2	0.00	0.01	0.01	0.00	91.45	ppb
Yttrium	89-1				101		%
Yttrium	89-2				101		%

LB Number :	LB98797	Operator :	Jaswal
Lab Sample ID :	CCB60	Instrumnet Name :	P7
Client Sample ID :	CCB60	Dilution Factor :	1
Date & Time Acquired ::	2018-10-23 16:42:43	DataFile Name :	023CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zinc	66-2	-0.05	0.04	-0.26	-0.09		ppb
Zirconium	90-1	0.02	0.02	0.02	0.02	15.54	ppb
Zirconium	91-1	0.02	0.01	0.02	0.02	19.91	ppb

LB Number :	LB98797	Operator :	Jaswal
Lab Sample ID :	J5575-12DLX5	Instrumnet Name :	P7
Client Sample ID :	SSSI-1015-S-DH-25-TDL	Dilution Factor :	5
Date & Time Acquired ::	2018-10-23 16:46:17	DataFile Name :	024SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	5950.64	5903.61	5935.40	5929.88	0.40	ppb
Antimony	121-1	0.08	0.07	0.07	0.07	3.55	ppb
Arsenic	75-2	3.89	3.92	3.77	3.86	2.09	ppb
Barium	135-1	13.30	13.63	13.32	13.42	1.39	ppb
Barium	137-1	13.59	13.76	13.61	13.65	0.68	ppb
Beryllium	9-1	0.54	0.51	0.55	0.53	4.21	ppb
Bismuth	209-1				96		%
Bismuth	209-2				99		%
Boron	10-1	9.18	8.88	9.38	9.15	2.77	ppb
Boron	11-1	8.73	9.09	8.97	8.93	2.04	ppb
Cadmium	111-1	0.22	0.24	0.21	0.22	5.97	ppb
Cadmium	106-1	2.12	2.25	1.84	2.07	10.09	ppb
Cadmium	108-1	0.77	0.77	0.68	0.74	7.28	ppb
Calcium	43-1	1954.34	1945.84	1935.94	1945.37	0.47	ppb
Calcium	44-1	1926.96	1969.36	1938.66	1944.99	1.13	ppb
Chromium	52-2	25.37	25.24	25.41	25.34	0.35	ppb
Cobalt	59-2	8.61	8.77	8.82	8.73	1.27	ppb
Copper	63-2	16.62	16.55	16.60	16.59	0.21	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				98		%
Holmium	165-2				99		%
Indium	115-1				100		%
Indium	115-2				101		%
Iron	56-2	16667.27	16557.63	16516.84	16580.58	0.47	ppb
Iron	57-2	16555.19	16416.00	16527.61	16499.60	0.45	ppb
Krypton	83-1						cps
Lead	206-1	16.03	16.13	16.00	16.05	0.45	ppb
Lead	207-1	14.58	14.84	14.92	14.78	1.19	ppb
Lead	208-1	15.28	15.51	15.54	15.44	0.90	ppb
Lithium	6-1				101		%
Magnesium	24-2	3447.25	3404.97	3398.32	3416.85	0.78	ppb

LB Number :	LB98797	Operator :	Jaswal
Lab Sample ID :	J5575-12DLX5	Instrumnet Name :	P7
Client Sample ID :	SSSI-1015-S-DH-25-TDL	Dilution Factor :	5
Date & Time Acquired ::	2018-10-23 16:46:17	DataFile Name :	024SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	121.74	121.31	121.14	121.40	0.25	ppb
Molybdenum	94-1	7.53	7.79	7.65	7.66	1.65	ppb
Molybdenum	95-1	0.47	0.41	0.44	0.44	6.95	ppb
Molybdenum	96-1	1.43	1.38	1.47	1.43	3.07	ppb
Molybdenum	97-1	0.44	0.42	0.42	0.43	3.60	ppb
Molybdenum	98-1	0.43	0.41	0.42	0.42	1.96	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	39.08	38.97	39.05	39.04	0.15	ppb
Phosphorus	31-2	360.15	376.51	332.37	356.34	6.26	ppb
Potassium	39-2	1056.61	1040.52	1049.73	1048.95	0.77	ppb
Rhodium	103-1				99		%
Rhodium	103-2				101		%
Scandium	45-1				102		%
Scandium	45-2				103		%
Selenium	77-2	8.66	11.04	11.28	10.33	14.00	ppb
Selenium	78-2	1.43	1.97	1.38	1.59	20.56	ppb
Selenium	82-1	-0.11	0.00	0.25	0.04	418.57	ppb
Silicon	28-1	1236.51	1258.54	1253.46	1249.51	0.92	ppb
Silver	109-1	0.05	0.04	0.05	0.05	14.01	ppb
Silver	107-1	0.05	0.06	0.05	0.05	10.93	ppb
Sodium	23-2	298.36	292.64	286.72	292.57	1.99	ppb
Strontium	86-1	9.05	9.24	9.10	9.13	1.06	ppb
Strontium	88-1	9.10	9.26	9.26	9.21	1.02	ppb
Sulfur	34-1	-325.49	-340.67	-427.92	-364.69		ppb
Terbium	159-1				99		%
Terbium	159-2				99		%
Thallium	203-1	0.07	0.08	0.07	0.08	9.24	ppb
Thallium	205-1	0.08	0.08	0.08	0.08	3.50	ppb
Thorium	232-1	2.92	2.97	2.95	2.95	0.97	ppb
Tin	118-1	0.52	0.52	0.52	0.52	0.58	ppb
Titanium	47-1	128.72	130.31	131.68	130.24	1.13	ppb
Uranium	238-1	0.73	0.73	0.73	0.73	0.37	ppb
Vanadium	51-2	19.57	18.87	19.35	19.26	1.87	ppb
Yttrium	89-1				105		%
Yttrium	89-2				105		%

LB Number :	LB98797	Operator :	Jaswal
Lab Sample ID :	J5575-12DLX5	Instrumnet Name :	P7
Client Sample ID :	SSSI-1015-S-DH-25-TDL	Dilution Factor :	5
Date & Time Acquired ::	2018-10-23 16:46:17	DataFile Name :	024SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zinc	66-2	60.71	61.24	60.85	60.94	0.45	ppb
Zirconium	90-1	4.88	4.94	4.90	4.91	0.69	ppb
Zirconium	91-1	4.87	5.07	4.84	4.93	2.56	ppb

LB Number :	LB98797	Operator :	Jaswal
Lab Sample ID :	J5577-02DLX5	Instrumnet Name :	P7
Client Sample ID :	SSSI-1016-S-DH-22DL	Dilution Factor :	5
Date & Time Acquired ::	2018-10-23 16:49:52	DataFile Name :	025SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	6972.36	7025.97	6969.03	6989.12	0.46	ppb
Antimony	121-1	0.14	0.14	0.15	0.14	6.17	ppb
Arsenic	75-2	3.45	3.74	3.77	3.65	4.80	ppb
Barium	135-1	36.08	35.31	36.06	35.82	1.22	ppb
Barium	137-1	36.18	35.31	36.02	35.84	1.31	ppb
Beryllium	9-1	0.53	0.53	0.49	0.52	4.17	ppb
Bismuth	209-1				96		%
Bismuth	209-2				100		%
Boron	10-1	9.16	8.84	8.62	8.87	3.04	ppb
Boron	11-1	8.87	8.92	8.73	8.84	1.11	ppb
Cadmium	111-1	0.26	0.28	0.21	0.25	15.15	ppb
Cadmium	106-1	2.03	1.90	1.22	1.72	25.33	ppb
Cadmium	108-1	0.68	0.66	0.82	0.72	12.46	ppb
Calcium	43-1	1749.80	1734.79	1743.83	1742.81	0.43	ppb
Calcium	44-1	1765.90	1766.62	1766.69	1766.40	0.02	ppb
Chromium	52-2	24.88	25.13	25.07	25.03	0.54	ppb
Cobalt	59-2	9.67	9.68	9.72	9.69	0.22	ppb
Copper	63-2	27.32	27.96	27.43	27.57	1.25	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				99		%
Holmium	165-2				100		%
Indium	115-1				100		%
Indium	115-2				102		%
Iron	56-2	17641.16	17577.01	17546.17	17588.11	0.28	ppb
Iron	57-2	17623.22	17507.54	17526.59	17552.45	0.35	ppb
Krypton	83-1						cps
Lead	206-1	33.54	34.15	34.01	33.90	0.95	ppb
Lead	207-1	30.99	31.78	31.87	31.55	1.54	ppb
Lead	208-1	32.61	32.90	33.00	32.83	0.62	ppb
Lithium	6-1				101		%
Magnesium	24-2	4460.01	4489.25	4429.30	4459.52	0.67	ppb

LB Number :	LB98797	Operator :	Jaswal
Lab Sample ID :	J5577-02DLX5	Instrumnet Name :	P7
Client Sample ID :	SSSI-1016-S-DH-22DL	Dilution Factor :	5
Date & Time Acquired ::	2018-10-23 16:49:52	DataFile Name :	025SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	323.30	323.33	322.38	323.00	0.17	ppb
Molybdenum	94-1	6.87	6.92	6.95	6.91	0.56	ppb
Molybdenum	95-1	0.46	0.46	0.46	0.46	0.83	ppb
Molybdenum	96-1	1.37	1.39	1.39	1.38	0.60	ppb
Molybdenum	97-1	0.46	0.49	0.43	0.46	6.76	ppb
Molybdenum	98-1	0.47	0.45	0.46	0.46	2.26	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	40.77	41.06	41.21	41.02	0.54	ppb
Phosphorus	31-2	597.68	621.80	582.65	600.71	3.29	ppb
Potassium	39-2	1134.30	1140.50	1136.80	1137.20	0.27	ppb
Rhodium	103-1				99		%
Rhodium	103-2				102		%
Scandium	45-1				103		%
Scandium	45-2				104		%
Selenium	77-2	8.21	12.27	10.35	10.28	19.75	ppb
Selenium	78-2	2.03	1.41	1.39	1.61	22.53	ppb
Selenium	82-1	-0.06	0.12	-0.03	0.01	1013.32	ppb
Silicon	28-1	1271.79	1279.73	1268.65	1273.39	0.45	ppb
Silver	109-1	0.08	0.08	0.09	0.08	7.81	ppb
Silver	107-1	0.09	0.09	0.09	0.09	2.74	ppb
Sodium	23-2	304.44	304.79	301.59	303.61	0.58	ppb
Strontium	86-1	9.21	9.18	9.11	9.17	0.58	ppb
Strontium	88-1	9.10	9.07	9.11	9.09	0.24	ppb
Sulfur	34-1	-795.40	-822.29	-932.94	-850.21		ppb
Terbium	159-1				99		%
Terbium	159-2				99		%
Thallium	203-1	0.07	0.07	0.07	0.07	2.31	ppb
Thallium	205-1	0.07	0.07	0.08	0.07	5.31	ppb
Thorium	232-1	3.37	3.35	3.39	3.37	0.68	ppb
Tin	118-1	0.33	0.27	0.29	0.30	10.66	ppb
Titanium	47-1	113.10	112.93	112.98	113.01	0.07	ppb
Uranium	238-1	3.68	3.65	3.71	3.68	0.86	ppb
Vanadium	51-2	21.87	22.03	22.00	21.97	0.39	ppb
Yttrium	89-1				105		%
Yttrium	89-2				105		%

LB Number :	LB98797	Operator :	Jaswal
Lab Sample ID :	J5577-02DLX5	Instrumnet Name :	P7
Client Sample ID :	SSSI-1016-S-DH-22DL	Dilution Factor :	5
Date & Time Acquired ::	2018-10-23 16:49:52	DataFile Name :	025SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zinc	66-2	61.25	62.50	62.01	61.92	1.02	ppb
Zirconium	90-1	4.37	4.37	4.35	4.36	0.20	ppb
Zirconium	91-1	4.37	4.25	4.47	4.36	2.56	ppb

LB Number :	LB98797	Operator :	Jaswal
Lab Sample ID :	J5577-04DLX5	Instrumnet Name :	P7
Client Sample ID :	SSSI-1016-S-DH-21DL	Dilution Factor :	5
Date & Time Acquired ::	2018-10-23 16:53:26	DataFile Name :	026SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	6093.23	5995.04	6069.44	6052.57	0.85	ppb
Antimony	121-1	0.04	0.05	0.04	0.04	13.36	ppb
Arsenic	75-2	2.00	2.03	2.00	2.01	0.82	ppb
Barium	135-1	17.90	17.79	18.15	17.95	1.02	ppb
Barium	137-1	17.54	17.87	18.09	17.83	1.55	ppb
Beryllium	9-1	0.49	0.48	0.49	0.49	1.54	ppb
Bismuth	209-1				96		%
Bismuth	209-2				98		%
Boron	10-1	7.08	6.97	6.47	6.84	4.74	ppb
Boron	11-1	6.75	6.98	6.78	6.84	1.77	ppb
Cadmium	111-1	0.15	0.16	0.25	0.19	27.83	ppb
Cadmium	106-1	1.36	1.38	2.50	1.75	37.23	ppb
Cadmium	108-1	0.56	0.54	0.59	0.56	4.45	ppb
Calcium	43-1	1291.22	1267.75	1322.13	1293.70	2.11	ppb
Calcium	44-1	1309.19	1306.53	1302.24	1305.99	0.27	ppb
Chromium	52-2	18.80	18.64	18.81	18.75	0.50	ppb
Cobalt	59-2	9.44	9.43	9.54	9.47	0.60	ppb
Copper	63-2	16.34	16.12	16.25	16.24	0.68	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				99		%
Holmium	165-2				98		%
Indium	115-1				99		%
Indium	115-2				100		%
Iron	56-2	14743.96	14575.12	14774.01	14697.70	0.73	ppb
Iron	57-2	14658.82	14686.74	14824.59	14723.38	0.60	ppb
Krypton	83-1						cps
Lead	206-1	10.33	10.41	10.40	10.38	0.40	ppb
Lead	207-1	9.38	9.46	9.54	9.46	0.84	ppb
Lead	208-1	9.89	10.02	9.97	9.96	0.63	ppb
Lithium	6-1				101		%
Magnesium	24-2	4060.75	4022.68	4092.56	4058.66	0.86	ppb

LB Number :	LB98797	Operator :	Jaswal
Lab Sample ID :	J5577-04DLX5	Instrumnet Name :	P7
Client Sample ID :	SSSI-1016-S-DH-21DL	Dilution Factor :	5
Date & Time Acquired ::	2018-10-23 16:53:26	DataFile Name :	026SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	137.11	136.71	138.09	137.30	0.52	ppb
Molybdenum	94-1	7.14	7.08	6.95	7.06	1.37	ppb
Molybdenum	95-1	0.20	0.16	0.17	0.18	12.06	ppb
Molybdenum	96-1	1.21	1.15	1.14	1.17	3.26	ppb
Molybdenum	97-1	0.20	0.19	0.20	0.19	2.04	ppb
Molybdenum	98-1	0.18	0.19	0.17	0.18	5.01	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	37.86	38.24	38.25	38.12	0.59	ppb
Phosphorus	31-2	305.84	312.24	279.43	299.17	5.81	ppb
Potassium	39-2	1318.98	1310.88	1339.72	1323.19	1.12	ppb
Rhodium	103-1				99		%
Rhodium	103-2				100		%
Scandium	45-1				102		%
Scandium	45-2				102		%
Selenium	77-2	8.93	10.31	8.69	9.31	9.42	ppb
Selenium	78-2	1.31	1.41	2.32	1.68	33.06	ppb
Selenium	82-1	0.19	-0.02	0.24	0.14	100.52	ppb
Silicon	28-1	1372.74	1363.71	1352.30	1362.92	0.75	ppb
Silver	109-1	0.02	0.02	0.03	0.03	25.96	ppb
Silver	107-1	0.04	0.04	0.05	0.04	7.25	ppb
Sodium	23-2	374.69	368.37	369.13	370.73	0.93	ppb
Strontium	86-1	6.68	6.45	6.70	6.61	2.11	ppb
Strontium	88-1	6.61	6.65	6.70	6.65	0.71	ppb
Sulfur	34-1	-1176.33	-1184.15	-1316.42	-1225.63		ppb
Terbium	159-1				99		%
Terbium	159-2				98		%
Thallium	203-1	0.09	0.07	0.06	0.07	15.60	ppb
Thallium	205-1	0.08	0.08	0.08	0.08	4.39	ppb
Thorium	232-1	3.59	3.57	3.63	3.60	0.72	ppb
Tin	118-1	0.26	0.27	0.28	0.27	4.17	ppb
Titanium	47-1	126.70	125.82	126.03	126.19	0.36	ppb
Uranium	238-1	0.47	0.47	0.50	0.48	2.67	ppb
Vanadium	51-2	17.02	17.02	17.23	17.09	0.72	ppb
Yttrium	89-1				104		%
Yttrium	89-2				104		%

LB Number :	LB98797	Operator :	Jaswal
Lab Sample ID :	J5577-04DLX5	Instrumnet Name :	P7
Client Sample ID :	SSSI-1016-S-DH-21DL	Dilution Factor :	5
Date & Time Acquired ::	2018-10-23 16:53:26	DataFile Name :	026SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zinc	66-2	49.98	50.10	50.85	50.31	0.94	ppb
Zirconium	90-1	4.49	4.51	4.62	4.54	1.56	ppb
Zirconium	91-1	4.49	4.52	4.51	4.51	0.41	ppb

LB Number : LB98797 Operator : Jaswal
 Lab Sample ID : J5577-04DUPDLX5 Instrumnet Name : P7
 Client Sample ID : SSSI-1016-S-DH-21DUP Dilution Factor : 5
 Date & Time Acquired :: 2018-10-23 16:57:00 DataFile Name : 027SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	6047.71	5978.20	5976.36	6000.76	0.68	ppb
Antimony	121-1	0.04	0.03	0.04	0.04	3.01	ppb
Arsenic	75-2	2.01	1.97	2.08	2.02	2.84	ppb
Barium	135-1	17.60	18.07	17.68	17.78	1.43	ppb
Barium	137-1	17.28	17.75	17.84	17.62	1.70	ppb
Beryllium	9-1	0.47	0.46	0.43	0.46	5.33	ppb
Bismuth	209-1				96		%
Bismuth	209-2				98		%
Boron	10-1	5.88	6.19	6.31	6.13	3.63	ppb
Boron	11-1	6.04	6.29	6.07	6.13	2.22	ppb
Cadmium	111-1	0.20	0.17	0.20	0.19	7.66	ppb
Cadmium	106-1	1.74	1.58	1.76	1.70	5.99	ppb
Cadmium	108-1	0.64	0.47	0.51	0.54	16.09	ppb
Calcium	43-1	1259.12	1283.50	1326.75	1289.79	2.66	ppb
Calcium	44-1	1297.01	1286.10	1309.30	1297.47	0.89	ppb
Chromium	52-2	18.86	18.58	18.53	18.66	0.96	ppb
Cobalt	59-2	9.61	9.48	9.33	9.48	1.50	ppb
Copper	63-2	16.18	16.17	15.90	16.08	1.00	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				98		%
Holmium	165-2				98		%
Indium	115-1				99		%
Indium	115-2				100		%
Iron	56-2	14853.52	14557.46	14548.64	14653.21	1.18	ppb
Iron	57-2	14766.37	14545.12	14493.36	14601.62	0.99	ppb
Krypton	83-1						cps
Lead	206-1	10.41	10.29	10.31	10.34	0.61	ppb
Lead	207-1	9.47	9.43	9.69	9.53	1.47	ppb
Lead	208-1	9.99	9.91	10.02	9.97	0.57	ppb
Lithium	6-1				101		%
Magnesium	24-2	4086.08	4069.92	4032.28	4062.76	0.68	ppb

LB Number :	LB98797	Operator :	Jaswal
Lab Sample ID :	J5577-04DUPDLX5	Instrumnet Name :	P7
Client Sample ID :	SSSI-1016-S-DH-21DUP	Dilution Factor :	5
Date & Time Acquired ::	2018-10-23 16:57:00	DataFile Name :	027SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	138.38	136.99	136.45	137.27	0.72	ppb
Molybdenum	94-1	7.05	6.94	7.07	7.02	0.95	ppb
Molybdenum	95-1	0.19	0.18	0.15	0.17	11.22	ppb
Molybdenum	96-1	1.12	1.17	1.09	1.13	3.68	ppb
Molybdenum	97-1	0.19	0.16	0.15	0.17	12.59	ppb
Molybdenum	98-1	0.18	0.16	0.16	0.17	7.33	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	37.66	37.68	37.28	37.54	0.60	ppb
Phosphorus	31-2	299.22	297.70	279.89	292.27	3.68	ppb
Potassium	39-2	1322.24	1315.81	1315.30	1317.78	0.29	ppb
Rhodium	103-1				98		%
Rhodium	103-2				100		%
Scandium	45-1				101		%
Scandium	45-2				101		%
Selenium	77-2	8.62	6.72	10.02	8.45	19.59	ppb
Selenium	78-2	0.94	2.04	1.99	1.66	37.28	ppb
Selenium	82-1	0.23	0.25	0.00	0.16	86.61	ppb
Silicon	28-1	1352.13	1351.23	1382.78	1362.05	1.32	ppb
Silver	109-1	0.02	0.03	0.03	0.03	13.72	ppb
Silver	107-1	0.04	0.04	0.04	0.04	3.08	ppb
Sodium	23-2	368.35	368.63	362.21	366.40	0.99	ppb
Strontium	86-1	6.62	6.51	6.40	6.51	1.64	ppb
Strontium	88-1	6.66	6.53	6.65	6.61	1.06	ppb
Sulfur	34-1	-1437.34	-1425.76	-1421.27	-1428.12		ppb
Terbium	159-1				99		%
Terbium	159-2				97		%
Thallium	203-1	0.07	0.08	0.08	0.08	9.12	ppb
Thallium	205-1	0.07	0.08	0.08	0.08	3.72	ppb
Thorium	232-1	3.63	3.58	3.60	3.60	0.74	ppb
Tin	118-1	0.24	0.27	0.27	0.26	6.15	ppb
Titanium	47-1	124.57	125.16	126.57	125.43	0.82	ppb
Uranium	238-1	0.50	0.49	0.49	0.49	1.06	ppb
Vanadium	51-2	17.36	17.37	16.88	17.21	1.62	ppb
Yttrium	89-1				104		%
Yttrium	89-2				103		%

LB Number :	LB98797	Operator :	Jaswal
Lab Sample ID :	J5577-04DUPDLX5	Instrumnet Name :	P7
Client Sample ID :	SSSI-1016-S-DH-21DUP	Dilution Factor :	5
Date & Time Acquired ::	2018-10-23 16:57:00	DataFile Name :	027SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zinc	66-2	49.76	50.97	49.79	50.17	1.38	ppb
Zirconium	90-1	4.59	4.55	4.55	4.56	0.48	ppb
Zirconium	91-1	4.66	4.61	4.51	4.60	1.65	ppb

LB Number : LB98797 Operator : Jaswal
 Lab Sample ID : J5577-04LDLX25 Instrumnet Name : P7
 Client Sample ID : SSSI-1016-S-DH-21LDL Dilution Factor : 25
 Date & Time Acquired :: 2018-10-23 17:00:35 DataFile Name : 028SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	1232.78	1240.14	1201.69	1224.87	1.67	ppb
Antimony	121-1	0.02	0.01	0.02	0.01	24.79	ppb
Arsenic	75-2	0.36	0.38	0.40	0.38	6.20	ppb
Barium	135-1	3.57	3.54	3.64	3.58	1.43	ppb
Barium	137-1	3.57	3.61	3.55	3.57	0.91	ppb
Beryllium	9-1	0.10	0.10	0.12	0.10	10.33	ppb
Bismuth	209-1				95		%
Bismuth	209-2				98		%
Boron	10-1	2.82	3.30	2.95	3.02	8.28	ppb
Boron	11-1	3.20	3.30	3.00	3.17	4.79	ppb
Cadmium	111-1	-0.01	0.01	-0.01	0.00		ppb
Cadmium	106-1	-0.16	0.00	-0.14	-0.10		ppb
Cadmium	108-1	0.11	0.06	0.18	0.12	50.94	ppb
Calcium	43-1	258.82	255.65	264.02	259.50	1.63	ppb
Calcium	44-1	261.39	261.97	263.07	262.14	0.33	ppb
Chromium	52-2	3.79	3.89	3.76	3.82	1.81	ppb
Cobalt	59-2	1.89	1.87	1.90	1.88	0.77	ppb
Copper	63-2	3.24	3.23	3.20	3.22	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				97		%
Holmium	165-2				96		%
Indium	115-1				98		%
Indium	115-2				98		%
Iron	56-2	2992.22	2970.17	2968.99	2977.13	0.44	ppb
Iron	57-2	2969.55	2952.70	2950.72	2957.66	0.35	ppb
Krypton	83-1						cps
Lead	206-1	2.03	2.03	2.06	2.04	0.65	ppb
Lead	207-1	1.86	1.92	1.83	1.87	2.48	ppb
Lead	208-1	1.97	1.97	1.94	1.96	0.75	ppb
Lithium	6-1				100		%
Magnesium	24-2	828.41	830.75	818.77	825.98	0.77	ppb

LB Number : LB98797 Operator : Jaswal
 Lab Sample ID : J5577-04LDLX25 Instrumnet Name : P7
 Client Sample ID : SSSI-1016-S-DH-21LDL Dilution Factor : 25
 Date & Time Acquired :: 2018-10-23 17:00:35 DataFile Name : 028SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	28.07	28.13	27.99	28.06	0.26	ppb
Molybdenum	94-1	1.38	1.37	1.40	1.38	0.90	ppb
Molybdenum	95-1	0.04	0.03	0.04	0.04	12.45	ppb
Molybdenum	96-1	0.26	0.20	0.24	0.23	13.41	ppb
Molybdenum	97-1	0.06	0.04	0.03	0.04	26.07	ppb
Molybdenum	98-1	0.04	0.04	0.03	0.04	16.16	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	7.72	7.73	7.52	7.66	1.52	ppb
Phosphorus	31-2	66.12	55.48	52.33	57.98	12.46	ppb
Potassium	39-2	270.09	269.38	271.52	270.33	0.40	ppb
Rhodium	103-1				97		%
Rhodium	103-2				99		%
Scandium	45-1				101		%
Scandium	45-2				99		%
Selenium	77-2	3.05	1.34	1.89	2.09	41.72	ppb
Selenium	78-2	0.27	0.61	0.32	0.40	46.81	ppb
Selenium	82-1	-0.01	-0.04	-0.16	-0.07		ppb
Silicon	28-1	270.99	273.94	270.19	271.71	0.73	ppb
Silver	109-1	0.01	0.01	0.00	0.01	16.82	ppb
Silver	107-1	0.00	0.01	0.01	0.01	36.96	ppb
Sodium	23-2	81.45	82.20	81.10	81.58	0.68	ppb
Strontium	86-1	1.29	1.37	1.40	1.35	4.37	ppb
Strontium	88-1	1.36	1.36	1.35	1.36	0.29	ppb
Sulfur	34-1	-1343.15	-1386.87	-1280.03	-1336.68		ppb
Terbium	159-1				97		%
Terbium	159-2				96		%
Thallium	203-1	0.02	0.02	0.02	0.02	5.57	ppb
Thallium	205-1	0.01	0.01	0.01	0.01	14.79	ppb
Thorium	232-1	0.71	0.71	0.70	0.71	0.19	ppb
Tin	118-1	0.05	0.06	0.05	0.05	11.11	ppb
Titanium	47-1	24.49	25.51	24.73	24.91	2.15	ppb
Uranium	238-1	0.09	0.10	0.09	0.10	3.32	ppb
Vanadium	51-2	3.43	3.47	3.41	3.44	0.96	ppb
Yttrium	89-1				100		%
Yttrium	89-2				99		%

LB Number :	LB98797	Operator :	Jaswal
Lab Sample ID :	J5577-04LDLX25	Instrumnet Name :	P7
Client Sample ID :	SSSI-1016-S-DH-21LDL	Dilution Factor :	25
Date & Time Acquired ::	2018-10-23 17:00:35	DataFile Name :	028SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zinc	66-2	10.04	10.09	9.71	9.95	2.05	ppb
Zirconium	90-1	0.96	0.91	0.91	0.93	3.15	ppb
Zirconium	91-1	0.96	0.92	0.94	0.94	2.03	ppb

LB Number :	LB98797	Operator :	Jaswal
Lab Sample ID :	J5577-04MSDLX5	Instrumnet Name :	P7
Client Sample ID :	SSSI-1016-S-DH-21MSD	Dilution Factor :	5
Date & Time Acquired ::	2018-10-23 17:04:09	DataFile Name :	029SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	9726.08	9807.73	9830.11	9787.98	0.56	ppb
Antimony	121-1	55.35	55.43	55.34	55.37	0.09	ppb
Arsenic	75-2	93.99	92.88	92.29	93.06	0.93	ppb
Barium	135-1	513.82	519.90	518.32	517.35	0.61	ppb
Barium	137-1	512.58	517.47	514.25	514.77	0.48	ppb
Beryllium	9-1	99.81	100.05	100.74	100.20	0.48	ppb
Bismuth	209-1				93		%
Bismuth	209-2				95		%
Boron	10-1	102.89	103.77	105.42	104.03	1.24	ppb
Boron	11-1	101.12	104.83	105.19	103.71	2.17	ppb
Cadmium	111-1	107.15	106.57	105.95	106.56	0.56	ppb
Cadmium	106-1	105.56	104.19	103.54	104.43	0.99	ppb
Cadmium	108-1	100.74	103.29	104.27	102.77	1.77	ppb
Calcium	43-1	10594.29	10651.69	10719.07	10655.02	0.59	ppb
Calcium	44-1	10601.51	10556.71	10615.87	10591.36	0.29	ppb
Chromium	52-2	117.56	117.02	116.75	117.11	0.35	ppb
Cobalt	59-2	108.91	110.42	108.45	109.26	0.94	ppb
Copper	63-2	219.88	222.30	220.64	220.94	0.56	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				97		%
Holmium	165-2				96		%
Indium	115-1				96		%
Indium	115-2				97		%
Iron	56-2	19267.34	19293.24	19209.08	19256.55	0.22	ppb
Iron	57-2	19311.79	19483.16	19201.49	19332.15	0.73	ppb
Krypton	83-1						cps
Lead	206-1	106.03	106.86	108.93	107.28	1.39	ppb
Lead	207-1	102.88	102.78	104.28	103.31	0.81	ppb
Lead	208-1	104.49	105.44	106.93	105.62	1.16	ppb
Lithium	6-1				100		%
Magnesium	24-2	14727.40	14809.34	14817.30	14784.68	0.34	ppb

LB Number : LB98797 Operator : Jaswal
 Lab Sample ID : J5577-04MSDLX5 Instrumnet Name : P7
 Client Sample ID : SSSI-1016-S-DH-21MSD Dilution Factor : 5
 Date & Time Acquired :: 2018-10-23 17:04:09 DataFile Name : 029SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	326.33	326.40	327.19	326.64	0.15	ppb
Molybdenum	94-1	468.77	462.78	469.63	467.06	0.80	ppb
Molybdenum	95-1	452.02	447.14	456.13	451.77	1.00	ppb
Molybdenum	96-1	449.26	449.68	454.07	451.00	0.59	ppb
Molybdenum	97-1	445.50	447.46	452.28	448.41	0.78	ppb
Molybdenum	98-1	448.02	450.25	450.14	449.47	0.28	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	141.02	142.86	141.44	141.77	0.68	ppb
Phosphorus	31-2	254.78	242.46	244.61	247.28	2.66	ppb
Potassium	39-2	6204.73	6258.72	6293.16	6252.20	0.71	ppb
Rhodium	103-1				95		%
Rhodium	103-2				96		%
Scandium	45-1				100		%
Scandium	45-2				100		%
Selenium	77-2	103.23	98.65	103.02	101.64	2.54	ppb
Selenium	78-2	88.72	89.33	90.32	89.46	0.90	ppb
Selenium	82-1	88.56	90.17	88.48	89.07	1.07	ppb
Silicon	28-1	1842.45	1835.37	1884.10	1853.97	1.42	ppb
Silver	109-1	77.23	77.56	77.58	77.46	0.26	ppb
Silver	107-1	76.56	77.15	76.68	76.79	0.40	ppb
Sodium	23-2	10127.08	10171.49	10199.62	10166.06	0.36	ppb
Strontium	86-1	102.77	102.92	103.61	103.10	0.43	ppb
Strontium	88-1	102.68	102.49	102.45	102.54	0.12	ppb
Sulfur	34-1	-1070.07	-1132.91	-1187.48	-1130.16		ppb
Terbium	159-1				97		%
Terbium	159-2				95		%
Thallium	203-1	96.34	98.16	97.94	97.48	1.02	ppb
Thallium	205-1	95.54	97.46	97.52	96.84	1.16	ppb
Thorium	232-1	3.10	3.14	3.18	3.14	1.18	ppb
Tin	118-1	82.14	81.37	81.46	81.66	0.52	ppb
Titanium	47-1	622.13	628.14	620.31	623.53	0.66	ppb
Uranium	238-1	94.48	94.47	96.56	95.17	1.27	ppb
Vanadium	51-2	113.64	114.48	114.40	114.17	0.40	ppb
Yttrium	89-1				101		%
Yttrium	89-2				101		%

LB Number :	LB98797	Operator :	Jaswal
Lab Sample ID :	J5577-04MSDLX5	Instrumnet Name :	P7
Client Sample ID :	SSSI-1016-S-DH-21MSD	Dilution Factor :	5
Date & Time Acquired ::	2018-10-23 17:04:09	DataFile Name :	029SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zinc	66-2	251.24	254.45	252.32	252.67	0.65	ppb
Zirconium	90-1	99.89	100.05	101.22	100.39	0.72	ppb
Zirconium	91-1	100.54	100.58	101.84	100.99	0.73	ppb

LB Number : LB98797 Operator : Jaswal
 Lab Sample ID : J5577-04MSDDLX5 Instrumnet Name : P7
 Client Sample ID : SSSI-1016-S-DH-21MSD Dilution Factor : 5
 Date & Time Acquired :: 2018-10-23 17:07:45 DataFile Name : 030SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	8683.81	8653.60	8749.07	8695.49	0.56	ppb
Antimony	121-1	58.44	59.60	58.45	58.83	1.13	ppb
Arsenic	75-2	91.56	91.44	91.47	91.49	0.07	ppb
Barium	135-1	512.50	519.50	510.18	514.06	0.94	ppb
Barium	137-1	511.90	514.55	509.31	511.92	0.51	ppb
Beryllium	9-1	99.36	99.34	99.29	99.33	0.04	ppb
Bismuth	209-1				93		%
Bismuth	209-2				95		%
Boron	10-1	104.61	106.74	108.31	106.55	1.74	ppb
Boron	11-1	105.18	106.81	107.80	106.60	1.24	ppb
Cadmium	111-1	105.69	105.00	103.99	104.89	0.82	ppb
Cadmium	106-1	105.30	101.33	103.03	103.22	1.93	ppb
Cadmium	108-1	102.34	102.81	101.94	102.37	0.43	ppb
Calcium	43-1	10879.87	10754.35	10961.25	10865.16	0.96	ppb
Calcium	44-1	10879.13	10884.48	10861.29	10874.96	0.11	ppb
Chromium	52-2	131.84	132.01	132.88	132.24	0.42	ppb
Cobalt	59-2	105.85	106.61	107.41	106.62	0.73	ppb
Copper	63-2	215.36	216.68	218.01	216.68	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				97		%
Holmium	165-2				96		%
Indium	115-1				96		%
Indium	115-2				97		%
Iron	56-2	18861.88	19059.35	19144.80	19022.01	0.76	ppb
Iron	57-2	18808.60	19023.97	19253.82	19028.80	1.17	ppb
Krypton	83-1						cps
Lead	206-1	107.60	107.24	106.19	107.01	0.68	ppb
Lead	207-1	102.62	102.88	102.44	102.65	0.22	ppb
Lead	208-1	105.41	105.47	104.69	105.19	0.42	ppb
Lithium	6-1				99		%
Magnesium	24-2	13869.30	13915.71	13996.59	13927.20	0.46	ppb

LB Number : LB98797 Operator : Jaswal
 Lab Sample ID : J5577-04MSDDLX5 Instrumnet Name : P7
 Client Sample ID : SSSI-1016-S-DH-21MSD Dilution Factor : 5
 Date & Time Acquired :: 2018-10-23 17:07:45 DataFile Name : 030SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	313.84	316.70	319.79	316.78	0.94	ppb
Molybdenum	94-1	470.35	468.84	472.63	470.61	0.40	ppb
Molybdenum	95-1	453.11	450.71	452.21	452.01	0.27	ppb
Molybdenum	96-1	452.99	452.57	454.81	453.46	0.26	ppb
Molybdenum	97-1	450.47	451.20	454.56	452.08	0.48	ppb
Molybdenum	98-1	451.41	450.92	454.33	452.22	0.41	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	137.60	136.93	137.91	137.48	0.36	ppb
Phosphorus	31-2	455.79	466.10	437.45	453.11	3.20	ppb
Potassium	39-2	5891.19	5922.13	5997.97	5937.10	0.93	ppb
Rhodium	103-1				95		%
Rhodium	103-2				97		%
Scandium	45-1				100		%
Scandium	45-2				100		%
Selenium	77-2	100.50	94.83	101.56	98.96	3.66	ppb
Selenium	78-2	83.65	86.76	88.19	86.20	2.70	ppb
Selenium	82-1	87.64	86.47	87.96	87.36	0.89	ppb
Silicon	28-1	1885.60	1884.30	1886.69	1885.53	0.06	ppb
Silver	109-1	61.43	61.65	61.37	61.48	0.24	ppb
Silver	107-1	61.57	61.94	60.95	61.49	0.82	ppb
Sodium	23-2	9959.05	10083.18	10109.75	10050.66	0.80	ppb
Strontium	86-1	105.29	103.40	103.50	104.06	1.02	ppb
Strontium	88-1	103.69	102.59	103.65	103.31	0.60	ppb
Sulfur	34-1	-1070.66	-1087.80	-1076.93	-1078.46		ppb
Terbium	159-1				97		%
Terbium	159-2				96		%
Thallium	203-1	96.17	97.55	94.32	96.02	1.69	ppb
Thallium	205-1	95.59	97.70	94.64	95.98	1.63	ppb
Thorium	232-1	3.32	3.38	3.31	3.34	1.13	ppb
Tin	118-1	82.79	83.50	82.83	83.04	0.48	ppb
Titanium	47-1	780.34	776.83	777.03	778.07	0.25	ppb
Uranium	238-1	93.53	95.05	93.85	94.14	0.85	ppb
Vanadium	51-2	113.51	113.77	114.20	113.83	0.31	ppb
Yttrium	89-1				100		%
Yttrium	89-2				100		%

LB Number :	LB98797	Operator :	Jaswal
Lab Sample ID :	J5577-04MSDDLX5	Instrumnet Name :	P7
Client Sample ID :	SSSI-1016-S-DH-21MSD	Dilution Factor :	5
Date & Time Acquired ::	2018-10-23 17:07:45	DataFile Name :	030SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zinc	66-2	246.30	247.03	247.52	246.95	0.25	ppb
Zirconium	90-1	100.98	101.83	101.88	101.56	0.50	ppb
Zirconium	91-1	101.74	102.31	102.12	102.06	0.28	ppb

LB Number :	LB98797	Operator :	Jaswal
Lab Sample ID :	J5577-04ADLX5	Instrumnet Name :	P7
Client Sample ID :	SSSI-1016-S-DH-21ADL	Dilution Factor :	5
Date & Time Acquired ::	2018-10-23 17:11:20	DataFile Name :	031SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	9344.24	9297.00	9488.84	9376.69	1.07	ppb
Antimony	121-1	58.70	58.60	58.67	58.66	0.08	ppb
Arsenic	75-2	93.64	93.49	94.41	93.85	0.52	ppb
Barium	135-1	521.16	530.07	531.06	527.43	1.03	ppb
Barium	137-1	525.91	526.39	530.96	527.76	0.53	ppb
Beryllium	9-1	101.72	101.32	100.53	101.19	0.60	ppb
Bismuth	209-1				93		%
Bismuth	209-2				95		%
Boron	10-1	108.12	109.27	108.33	108.57	0.56	ppb
Boron	11-1	108.62	107.44	108.30	108.12	0.56	ppb
Cadmium	111-1	107.34	107.22	107.92	107.49	0.35	ppb
Cadmium	106-1	106.90	107.04	105.51	106.48	0.79	ppb
Cadmium	108-1	105.15	106.47	104.66	105.43	0.89	ppb
Calcium	43-1	11138.77	11020.33	11057.19	11072.10	0.55	ppb
Calcium	44-1	11116.98	11026.74	11049.56	11064.42	0.42	ppb
Chromium	52-2	127.56	127.43	128.47	127.82	0.44	ppb
Cobalt	59-2	110.40	109.03	110.79	110.07	0.84	ppb
Copper	63-2	222.80	221.56	224.90	223.09	0.76	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				97		%
Holmium	165-2				97		%
Indium	115-1				96		%
Indium	115-2				97		%
Iron	56-2	19616.55	19400.52	19538.90	19518.66	0.56	ppb
Iron	57-2	19504.11	19335.45	19584.22	19474.59	0.65	ppb
Krypton	83-1						cps
Lead	206-1	109.64	109.61	110.28	109.84	0.35	ppb
Lead	207-1	105.54	104.81	106.58	105.65	0.84	ppb
Lead	208-1	107.88	107.76	109.06	108.23	0.66	ppb
Lithium	6-1				99		%
Magnesium	24-2	14671.49	14563.03	14759.14	14664.55	0.67	ppb

LB Number :	LB98797	Operator :	Jaswal
Lab Sample ID :	J5577-04ADLX5	Instrumnet Name :	P7
Client Sample ID :	SSSI-1016-S-DH-21ADL	Dilution Factor :	5
Date & Time Acquired ::	2018-10-23 17:11:20	DataFile Name :	031SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	328.19	329.28	332.20	329.89	0.63	ppb
Molybdenum	94-1	474.76	474.97	480.19	476.64	0.64	ppb
Molybdenum	95-1	457.70	458.18	462.25	459.37	0.54	ppb
Molybdenum	96-1	458.84	463.30	460.98	461.04	0.48	ppb
Molybdenum	97-1	461.79	460.97	464.45	462.40	0.39	ppb
Molybdenum	98-1	460.30	458.51	459.93	459.58	0.21	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	142.17	141.14	143.01	142.11	0.66	ppb
Phosphorus	31-2	376.23	372.75	408.88	385.95	5.16	ppb
Potassium	39-2	6212.70	6270.33	6282.08	6255.04	0.59	ppb
Rhodium	103-1				94		%
Rhodium	103-2				96		%
Scandium	45-1				99		%
Scandium	45-2				100		%
Selenium	77-2	95.86	105.49	97.86	99.74	5.09	ppb
Selenium	78-2	89.25	92.67	90.51	90.81	1.90	ppb
Selenium	82-1	89.70	89.34	90.84	89.96	0.87	ppb
Silicon	28-1	1914.14	1920.98	1888.34	1907.82	0.90	ppb
Silver	109-1	70.49	71.31	71.35	71.05	0.68	ppb
Silver	107-1	70.55	71.56	71.24	71.12	0.73	ppb
Sodium	23-2	10337.88	10289.88	10385.15	10337.64	0.46	ppb
Strontium	86-1	105.58	106.07	106.44	106.03	0.40	ppb
Strontium	88-1	105.98	105.06	105.47	105.50	0.44	ppb
Sulfur	34-1	-1060.32	-1188.39	-1220.54	-1156.42		ppb
Terbium	159-1				97		%
Terbium	159-2				96		%
Thallium	203-1	99.05	98.28	99.28	98.87	0.53	ppb
Thallium	205-1	98.56	97.95	98.83	98.45	0.46	ppb
Thorium	232-1	3.30	3.29	3.29	3.29	0.26	ppb
Tin	118-1	84.82	84.02	84.16	84.34	0.50	ppb
Titanium	47-1	720.95	721.56	719.41	720.64	0.15	ppb
Uranium	238-1	96.19	96.32	96.67	96.39	0.26	ppb
Vanadium	51-2	116.73	115.65	116.85	116.41	0.56	ppb
Yttrium	89-1				101		%
Yttrium	89-2				100		%

LB Number :	LB98797	Operator :	Jaswal
Lab Sample ID :	J5577-04ADLX5	Instrumnet Name :	P7
Client Sample ID :	SSSI-1016-S-DH-21ADL	Dilution Factor :	5
Date & Time Acquired ::	2018-10-23 17:11:20	DataFile Name :	031SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zinc	66-2	254.28	251.22	255.26	253.58	0.83	ppb
Zirconium	90-1	102.94	102.89	102.99	102.94	0.05	ppb
Zirconium	91-1	103.95	103.61	104.18	103.91	0.27	ppb

LB Number :	LB98797	Operator :	Jaswal
Lab Sample ID :	CCV61	Instrumnet Name :	P7
Client Sample ID :	CCV61	Dilution Factor :	1
Date & Time Acquired ::	2018-10-23 17:16:28	DataFile Name :	032CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	54479.76	54308.14	53449.18	54079.03	1.02	ppb
Antimony	121-1	499.55	501.29	498.87	499.91	0.25	ppb
Arsenic	75-2	473.40	482.59	478.35	478.11	0.96	ppb
Barium	135-1	2561.48	2549.70	2564.75	2558.64	0.31	ppb
Barium	137-1	2570.02	2537.08	2551.34	2552.82	0.65	ppb
Beryllium	9-1	504.34	497.62	503.81	501.92	0.74	ppb
Bismuth	209-1				83		%
Bismuth	209-2				85		%
Boron	10-1	498.71	506.55	520.47	508.58	2.17	ppb
Boron	11-1	503.94	510.95	515.34	510.08	1.13	ppb
Cadmium	111-1	485.73	483.44	488.09	485.75	0.48	ppb
Cadmium	106-1	489.26	493.47	497.28	493.34	0.81	ppb
Cadmium	108-1	485.96	485.66	492.97	488.20	0.85	ppb
Calcium	43-1	240416.69	241756.77	240588.09	240920.52	0.30	ppb
Calcium	44-1	239617.51	241837.36	242030.11	241161.66	0.56	ppb
Chromium	52-2	510.53	509.17	500.42	506.71	1.08	ppb
Cobalt	59-2	487.89	483.74	479.60	483.74	0.86	ppb
Copper	63-2	958.74	940.61	932.07	943.81	1.44	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				95		%
Holmium	165-2				95		%
Indium	115-1				90		%
Indium	115-2				91		%
Iron	56-2	125787.19	124431.35	123286.69	124501.74	1.01	ppb
Iron	57-2	126112.40	124776.93	123375.85	124755.06	1.10	ppb
Krypton	83-1						cps
Lead	206-1	519.96	521.12	523.83	521.64	0.38	ppb
Lead	207-1	500.86	502.61	518.90	507.46	1.96	ppb
Lead	208-1	515.53	516.13	520.27	517.31	0.50	ppb
Lithium	6-1				93		%
Magnesium	24-2	253041.41	251156.02	246731.63	250309.69	1.29	ppb

LB Number :	LB98797	Operator :	Jaswal
Lab Sample ID :	CCV61	Instrumnet Name :	P7
Client Sample ID :	CCV61	Dilution Factor :	1
Date & Time Acquired ::	2018-10-23 17:16:28	DataFile Name :	032CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	989.73	986.39	977.31	984.47	0.65	ppb
Molybdenum	94-1	2567.54	2596.78	2553.38	2572.57	0.86	ppb
Molybdenum	95-1	2570.12	2578.80	2552.86	2567.26	0.51	ppb
Molybdenum	96-1	2582.79	2576.13	2554.08	2571.00	0.58	ppb
Molybdenum	97-1	2571.78	2580.84	2549.71	2567.44	0.62	ppb
Molybdenum	98-1	2574.15	2590.28	2536.88	2567.10	1.07	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	494.66	488.55	482.56	488.59	1.24	ppb
Phosphorus	31-2	9902.78	10041.79	9658.23	9867.60	1.97	ppb
Potassium	39-2	123691.38	123721.61	121532.84	122981.94	1.02	ppb
Rhodium	103-1				86		%
Rhodium	103-2				87		%
Scandium	45-1				96		%
Scandium	45-2				97		%
Selenium	77-2	486.77	495.52	491.18	491.16	0.89	ppb
Selenium	78-2	481.94	487.47	496.03	488.48	1.45	ppb
Selenium	82-1	487.83	491.20	488.16	489.07	0.38	ppb
Silicon	28-1	470.63	478.26	477.60	475.50	0.89	ppb
Silver	109-1	489.83	483.10	486.81	486.58	0.69	ppb
Silver	107-1	489.02	487.60	492.29	489.64	0.49	ppb
Sodium	23-2	249611.38	247413.15	243955.44	246993.32	1.15	ppb
Strontium	86-1	506.50	515.48	511.76	511.25	0.88	ppb
Strontium	88-1	513.16	517.28	515.08	515.17	0.40	ppb
Sulfur	34-1	9861.56	10044.31	9833.32	9913.06	1.16	ppb
Terbium	159-1				95		%
Terbium	159-2				94		%
Thallium	203-1	525.94	529.13	529.78	528.28	0.39	ppb
Thallium	205-1	527.92	529.03	528.01	528.32	0.12	ppb
Thorium	232-1	538.35	539.67	538.49	538.83	0.13	ppb
Tin	118-1	513.90	518.70	513.64	515.41	0.55	ppb
Titanium	47-1	2553.90	2574.24	2576.56	2568.23	0.49	ppb
Uranium	238-1	523.29	527.31	521.68	524.10	0.55	ppb
Vanadium	51-2	504.07	503.31	498.23	501.87	0.63	ppb
Yttrium	89-1				95		%
Yttrium	89-2				96		%

LB Number :	LB98797	Operator :	Jaswal
Lab Sample ID :	CCV61	Instrumnet Name :	P7
Client Sample ID :	CCV61	Dilution Factor :	1
Date & Time Acquired ::	2018-10-23 17:16:28	DataFile Name :	032CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zinc	66-2	989.58	985.47	965.01	980.02	1.34	ppb
Zirconium	90-1	523.18	520.61	519.42	521.07	0.37	ppb
Zirconium	91-1	509.90	514.60	511.62	512.04	0.47	ppb

LB Number :	LB98797	Operator :	Jaswal
Lab Sample ID :	CCB61	Instrumnet Name :	P7
Client Sample ID :	CCB61	Dilution Factor :	1
Date & Time Acquired ::	2018-10-23 17:21:57	DataFile Name :	033CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	1.57	1.66	0.85	1.36	32.81	ppb
Antimony	121-1	0.12	0.14	0.13	0.13	9.50	ppb
Arsenic	75-2	0.01	0.04	0.03	0.03	49.90	ppb
Barium	135-1	0.05	0.09	0.05	0.06	38.66	ppb
Barium	137-1	0.07	0.08	0.06	0.07	18.32	ppb
Beryllium	9-1	0.03	0.03	0.03	0.03	4.55	ppb
Bismuth	209-1				96		%
Bismuth	209-2				99		%
Boron	10-1	7.87	7.59	7.17	7.54	4.67	ppb
Boron	11-1	8.05	7.16	7.30	7.50	6.36	ppb
Cadmium	111-1	0.00	0.02	0.01	0.01	104.21	ppb
Cadmium	106-1	-0.16	0.07	0.00	-0.03		ppb
Cadmium	108-1	-0.02	0.01	0.03	0.01	278.82	ppb
Calcium	43-1	3.40	4.56	2.65	3.54	27.32	ppb
Calcium	44-1	3.76	4.27	4.34	4.12	7.72	ppb
Chromium	52-2	0.03	0.01	0.01	0.02	56.21	ppb
Cobalt	59-2	0.00	0.00	0.00	0.00	173.48	ppb
Copper	63-2	0.02	0.02	0.02	0.02	18.11	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				98		%
Holmium	165-2				98		%
Indium	115-1				100		%
Indium	115-2				100		%
Iron	56-2	2.73	2.59	2.60	2.64	2.99	ppb
Iron	57-2	2.47	2.41	2.25	2.38	4.72	ppb
Krypton	83-1						cps
Lead	206-1	0.05	0.06	0.05	0.06	9.71	ppb
Lead	207-1	0.05	0.05	0.04	0.05	5.42	ppb
Lead	208-1	0.05	0.05	0.05	0.05	7.07	ppb
Lithium	6-1				100		%
Magnesium	24-2	4.80	4.57	4.81	4.72	2.86	ppb

LB Number :	LB98797	Operator :	Jaswal
Lab Sample ID :	CCB61	Instrumnet Name :	P7
Client Sample ID :	CCB61	Dilution Factor :	1
Date & Time Acquired ::	2018-10-23 17:21:57	DataFile Name :	033CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	0.02	0.03	0.02	0.02	16.08	ppb
Molybdenum	94-1	0.19	0.16	0.18	0.17	8.55	ppb
Molybdenum	95-1	0.22	0.22	0.19	0.21	7.80	ppb
Molybdenum	96-1	0.23	0.22	0.20	0.21	6.96	ppb
Molybdenum	97-1	0.23	0.19	0.20	0.20	10.22	ppb
Molybdenum	98-1	0.25	0.21	0.18	0.21	15.96	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.01	0.02	0.00	0.01	127.92	ppb
Phosphorus	31-2	-10.64	-5.54	-0.24	-5.48		ppb
Potassium	39-2	23.70	22.65	22.01	22.79	3.74	ppb
Rhodium	103-1				99		%
Rhodium	103-2				101		%
Scandium	45-1				101		%
Scandium	45-2				100		%
Selenium	77-2	0.19	0.19	0.38	0.25	43.27	ppb
Selenium	78-2	0.02	-0.25	0.16	-0.02		ppb
Selenium	82-1	0.08	0.04	-0.17	-0.02		ppb
Silicon	28-1	1.54	1.19	0.93	1.22	25.15	ppb
Silver	109-1	0.04	0.03	0.03	0.03	4.74	ppb
Silver	107-1	0.03	0.03	0.04	0.03	9.95	ppb
Sodium	23-2	52.83	50.19	49.98	51.00	3.11	ppb
Strontium	86-1	-0.01	0.00	0.00	0.00		ppb
Strontium	88-1	0.01	0.01	0.01	0.01	16.97	ppb
Sulfur	34-1	-357.83	-342.59	-336.39	-345.60		ppb
Terbium	159-1				99		%
Terbium	159-2				98		%
Thallium	203-1	0.04	0.04	0.04	0.04	7.47	ppb
Thallium	205-1	0.03	0.04	0.03	0.04	10.59	ppb
Thorium	232-1	0.05	0.05	0.05	0.05	3.71	ppb
Tin	118-1	0.07	0.05	0.05	0.06	18.14	ppb
Titanium	47-1	0.10	0.07	0.05	0.07	36.47	ppb
Uranium	238-1	0.01	0.01	0.01	0.01	14.04	ppb
Vanadium	51-2	0.01	0.01	0.01	0.01	23.69	ppb
Yttrium	89-1				100		%
Yttrium	89-2				100		%

LB Number :	LB98797	Operator :	Jaswal
Lab Sample ID :	CCB61	Instrumnet Name :	P7
Client Sample ID :	CCB61	Dilution Factor :	1
Date & Time Acquired ::	2018-10-23 17:21:57	DataFile Name :	033CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zinc	66-2	-0.07	-0.13	0.03	-0.06		ppb
Zirconium	90-1	0.04	0.03	0.02	0.03	21.20	ppb
Zirconium	91-1	0.04	0.02	0.03	0.03	40.37	ppb

LB Number :	LB98797	Operator :	Jaswal
Lab Sample ID :	S0	Instrumnet Name :	P7
Client Sample ID :	S0	Dilution Factor :	1
Date & Time Acquired ::	2018-10-23 14:57:39	DataFile Name :	003CALB.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	75	92	117	94	22.21	cps
Antimony	121-1	117	92	125	111	15.61	cps
Arsenic	75-2	7	17	15	13	37.79	cps
Barium	135-1	25	42	58	42	40.00	cps
Barium	137-1	100	42	75	72	40.52	cps
Beryllium	9-1	106	94	67	89	22.53	cps
Bismuth	209-1	14506217	14510188	14535730	14517378	0.11	cps
Bismuth	209-2	7931889	7905536	7942759	7926728	0.24	cps
Boron	10-1	850	883	808	847	4.43	cps
Boron	11-1	4026	4217	4084	4109	2.39	cps
Cadmium	111-1	5730	6025	6032	5929	2.91	cps
Cadmium	106-1	8203	8628	8620	8483	2.87	cps
Cadmium	108-1	29	21	21	24	20.39	cps
Calcium	43-1	425	267	417	369	24.12	cps
Calcium	44-1	14032	13957	13915	13968	0.42	cps
Chromium	52-2	960	963	930	951	1.93	cps
Cobalt	59-2	147	203	160	170	17.43	cps
Copper	63-2	757	867	793	806	6.95	cps
Dysprosium	156-1	25	25	17	22	21.64	cps
Dysprosium	156-2	10	3	7	7	50.03	cps
Erbium	164-1	125	75	92	97	26.19	cps
Erbium	164-2	27	37	20	28	30.20	cps
Gadolinium	160-1	192	158	167	172	10.07	cps
Gadolinium	160-2	357	320	280	319	12.02	cps
Holmium	165-1	21933029	21807335	21703172	21814512	0.53	cps
Holmium	165-2	10882871	10842407	10818857	10848045	0.30	cps
Indium	115-1	17360577	17313911	17267436	17313975	0.27	cps
Indium	115-2	3229702	3225784	3233346	3229611	0.12	cps
Iron	56-2	8953	8442	8708	8701	2.94	cps
Iron	57-2	261	361	306	309	16.20	cps
Krypton	83-1	600	647	650	632	4.42	cps
Lead	206-1	394	517	544	485	16.45	cps
Lead	207-1	367	461	489	439	14.60	cps
Lead	208-1	1856	2161	2183	2067	8.86	cps
Lithium	6-1	6721563	6645345	6672807	6679905	0.58	cps
Magnesium	24-2	217	225	250	231	7.52	cps

LB Number :	LB98797	Operator :	Jaswal
Lab Sample ID :	S0	Instrumnet Name :	P7
Client Sample ID :	S0	Dilution Factor :	1
Date & Time Acquired ::	2018-10-23 14:57:39	DataFile Name :	003CALB.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	97	63	80	80	20.84	cps
Molybdenum	94-1	608	675	575	619	8.22	cps
Molybdenum	95-1	117	83	108	103	16.88	cps
Molybdenum	96-1	283	217	200	233	18.90	cps
Molybdenum	97-1	67	33	42	47	36.74	cps
Molybdenum	98-1	233	225	133	197	28.13	cps
Neodymium	150-1	13	7	0	7	99.98	cps
Neodymium	150-2	7	3	7	6	34.70	cps
Nickel	60-2	200	250	223	224	11.15	cps
Phosphorus	31-2	192	192	292	225	25.66	cps
Potassium	39-2	36062	35627	35577	35755	0.75	cps
Rhodium	103-1	16425864	16308928	16281160	16338651	0.47	cps
Rhodium	103-2	7691804	7591844	7593493	7625714	0.75	cps
Scandium	45-1	11789932	11813861	11822732	11808841	0.14	cps
Scandium	45-2	507078	502451	509266	506265	0.69	cps
Selenium	77-2	0	0	0	0	0.00	cps
Selenium	78-2	89	98	102	96	6.93	cps
Selenium	82-1	59	-8	6	19	190.03	cps
Silicon	28-1	371554	375094	373990	373546	0.48	cps
Silver	109-1	142	108	142	131	14.74	cps
Silver	107-1	150	192	225	189	19.89	cps
Sodium	23-2	19305	18220	18178	18568	3.44	cps
Strontium	86-1	1167	1233	917	1106	15.10	cps
Strontium	88-1	183	217	233	211	12.06	cps
Sulfur	34-1	738489	730897	730676	733354	0.61	cps
Terbium	159-1	22223608	22402052	22085472	22237044	0.71	cps
Terbium	159-2	10809685	10695799	10725370	10743618	0.55	cps
Thallium	203-1	217	292	350	286	23.36	cps
Thallium	205-1	633	708	833	725	13.94	cps
Thorium	232-1	311	322	339	324	4.31	cps
Tin	118-1	858	875	808	847	4.10	cps
Titanium	47-1	167	167	167	167	0.00	cps
Uranium	238-1	167	108	192	156	27.49	cps
Vanadium	51-2	20	10	10	13	43.30	cps
Yttrium	89-1	17684576	17703653	17654388	17680872	0.14	cps
Yttrium	89-2	2428618	2436135	2436395	2433716	0.18	cps

LB Number :	LB98797	Operator :	Jaswal
Lab Sample ID :	S0	Instrumnet Name :	P7
Client Sample ID :	S0	Dilution Factor :	1
Date & Time Acquired ::	2018-10-23 14:57:39	DataFile Name :	003CALB.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zinc	66-2	2584	2770	2764	2706	3.91	cps
Zirconium	90-1	1667	1508	1300	1492	12.33	cps
Zirconium	91-1	275	292	308	292	5.72	cps

LB Number :	LB98797	Operator :	Jaswal
Lab Sample ID :	S2	Instrumnet Name :	P7
Client Sample ID :	S2	Dilution Factor :	1
Date & Time Acquired ::	2018-10-23 15:06:27	DataFile Name :	005CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	4209	4442	5009	4554	9.04	cps
Antimony	121-1	32923	33766	33324	33337	1.27	cps
Arsenic	75-2	704	683	685	691	1.63	cps
Barium	135-1	43210	42550	42056	42605	1.36	cps
Barium	137-1	74484	72506	74055	73682	1.41	cps
Beryllium	9-1	6246	6424	5857	6175	4.69	cps
Bismuth	209-1	14148332	13970805	14084974	14068037	0.64	cps
Bismuth	209-2	7942784	7982117	7937029	7953977	0.31	cps
Boron	10-1	26257	26440	27075	26591	1.61	cps
Boron	11-1	122932	122419	122972	122774	0.25	cps
Cadmium	111-1	11566	11521	11463	11517	0.44	cps
Cadmium	106-1	9287	8903	9212	9134	2.23	cps
Cadmium	108-1	421	388	450	419	7.46	cps
Calcium	43-1	30691	29981	29798	30157	1.56	cps
Calcium	44-1	497557	501136	499597	499430	0.36	cps
Chromium	52-2	13897	14397	13974	14089	1.91	cps
Cobalt	59-2	10627	10541	10767	10645	1.08	cps
Copper	63-2	15358	15592	15875	15609	1.66	cps
Dysprosium	156-1	17	0	0	6	173.21	cps
Dysprosium	156-2	3	13	20	12	68.66	cps
Erbium	164-1	75	83	100	86	14.79	cps
Erbium	164-2	67	60	47	58	17.62	cps
Gadolinium	160-1	183	192	142	172	15.56	cps
Gadolinium	160-2	297	317	323	312	4.44	cps
Holmium	165-1	21152009	21106590	21338046	21198881	0.58	cps
Holmium	165-2	10703608	10733323	10674417	10703782	0.28	cps
Indium	115-1	16960736	16790598	16816355	16855896	0.54	cps
Indium	115-2	3231297	3256419	3257582	3248433	0.46	cps
Iron	56-2	275103	274691	276945	275580	0.44	cps
Iron	57-2	7013	7057	6791	6954	2.06	cps
Krypton	83-1	637	587	640	621	4.81	cps
Lead	206-1	15532	15259	15598	15463	1.16	cps
Lead	207-1	14536	13496	14002	14011	3.71	cps
Lead	208-1	63711	62810	63110	63210	0.73	cps
Lithium	6-1	6550606	6554644	6577911	6561054	0.22	cps
Magnesium	24-2	252840	257103	256604	255515	0.91	cps

LB Number :	LB98797	Operator :	Jaswal
Lab Sample ID :	S2	Instrumnet Name :	P7
Client Sample ID :	S2	Dilution Factor :	1
Date & Time Acquired ::	2018-10-23 15:06:27	DataFile Name :	005CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	3894	3964	3834	3897	1.67	cps
Molybdenum	94-1	37241	38235	37934	37804	1.35	cps
Molybdenum	95-1	44721	43592	45089	44467	1.75	cps
Molybdenum	96-1	50448	48993	49914	49785	1.48	cps
Molybdenum	97-1	27602	28429	27786	27939	1.55	cps
Molybdenum	98-1	72418	72434	72142	72331	0.23	cps
Neodymium	150-1	13	13	13	13	0.00	cps
Neodymium	150-2	3	0	7	3	100.05	cps
Nickel	60-2	3377	3227	3267	3290	2.36	cps
Phosphorus	31-2	250	350	242	281	21.49	cps
Potassium	39-2	253269	255227	257462	255319	0.82	cps
Rhodium	103-1	15936702	15982586	15850635	15923308	0.42	cps
Rhodium	103-2	7641887	7663443	7661942	7655758	0.16	cps
Scandium	45-1	11580747	11617664	11542967	11580459	0.32	cps
Scandium	45-2	505823	502224	509805	505951	0.75	cps
Selenium	77-2	117	90	103	103	12.90	cps
Selenium	78-2	396	420	463	427	7.91	cps
Selenium	82-1	2170	2178	2239	2196	1.73	cps
Silicon	28-1	607844	605518	599521	604294	0.71	cps
Silver	109-1	23888	23187	24305	23793	2.38	cps
Silver	107-1	25190	24589	25983	25254	2.77	cps
Sodium	23-2	499961	504146	502914	502340	0.43	cps
Strontium	86-1	6960	7327	7427	7238	3.40	cps
Strontium	88-1	52263	53660	53333	53085	1.38	cps
Sulfur	34-1	790773	795545	799184	795168	0.53	cps
Terbium	159-1	21681980	21661590	21619370	21654313	0.15	cps
Terbium	159-2	10489985	10582597	10545354	10539312	0.44	cps
Thallium	203-1	18414	18497	18914	18608	1.44	cps
Thallium	205-1	45437	45069	44943	45150	0.57	cps
Thorium	232-1	62053	61082	60959	61365	0.98	cps
Tin	118-1	76492	74288	75586	75455	1.47	cps
Titanium	47-1	14516	13957	13281	13918	4.44	cps
Uranium	238-1	58676	59212	60082	59323	1.20	cps
Vanadium	51-2	23696	23886	24083	23888	0.81	cps
Yttrium	89-1	17412526	17398303	17354086	17388305	0.18	cps
Yttrium	89-2	2407656	2441328	2442884	2430622	0.82	cps

LB Number :	LB98797	Operator :	Jaswal
Lab Sample ID :	S2	Instrumnet Name :	P7
Client Sample ID :	S2	Dilution Factor :	1
Date & Time Acquired ::	2018-10-23 15:06:27	DataFile Name :	005CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zinc	66-2	4831	4941	5441	5071	6.41	cps
Zirconium	90-1	33281	32889	34192	33454	2.00	cps
Zirconium	91-1	7294	6935	7511	7247	4.01	cps

LB Number :	LB98797	Operator :	Jaswal
Lab Sample ID :	S3	Instrumnet Name :	P7
Client Sample ID :	S3	Dilution Factor :	1
Date & Time Acquired ::	2018-10-23 15:10:21	DataFile Name :	006CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	222405	217298	221280	220328	1.22	cps
Antimony	121-1	865980	869911	868442	868111	0.23	cps
Arsenic	75-2	32599	32635	33095	32776	0.84	cps
Barium	135-1	1087436	1091383	1088835	1089218	0.18	cps
Barium	137-1	1880401	1897015	1894036	1890484	0.47	cps
Beryllium	9-1	313096	314709	313236	313680	0.28	cps
Bismuth	209-1	14143617	14055382	14086530	14095177	0.32	cps
Bismuth	209-2	7917598	7921868	7944212	7927893	0.18	cps
Boron	10-1	51840	52944	56038	53607	4.06	cps
Boron	11-1	243839	248381	256407	249542	2.55	cps
Cadmium	111-1	278294	279360	279419	279024	0.23	cps
Cadmium	106-1	40007	39122	39431	39520	1.14	cps
Cadmium	108-1	20782	20849	20736	20789	0.27	cps
Calcium	43-1	315612	319610	321181	318801	0.90	cps
Calcium	44-1	4998401	4988534	5013690	5000208	0.25	cps
Chromium	52-2	306987	306335	307350	306891	0.17	cps
Cobalt	59-2	514488	514777	516806	515357	0.25	cps
Copper	63-2	738289	739409	739209	738969	0.08	cps
Dysprosium	156-1	42	25	25	31	31.50	cps
Dysprosium	156-2	23	20	23	22	8.65	cps
Erbium	164-1	58	33	75	56	37.75	cps
Erbium	164-2	27	27	37	30	19.24	cps
Gadolinium	160-1	283	208	158	217	29.04	cps
Gadolinium	160-2	330	300	320	317	4.82	cps
Holmium	165-1	21451925	21268254	21511672	21410617	0.59	cps
Holmium	165-2	10651826	10672172	10698937	10674312	0.22	cps
Indium	115-1	16886790	17023341	16985823	16965318	0.42	cps
Indium	115-2	3258349	3254950	3234395	3249232	0.40	cps
Iron	56-2	13118264	13313113	13110375	13180584	0.87	cps
Iron	57-2	325127	325429	326443	325666	0.21	cps
Krypton	83-1	807	683	660	717	11.00	cps
Lead	206-1	758599	765555	766314	763489	0.56	cps
Lead	207-1	680303	680137	687538	682659	0.62	cps
Lead	208-1	3052946	3059348	3070363	3060886	0.29	cps
Lithium	6-1	6597175	6615716	6641439	6618110	0.34	cps
Magnesium	24-2	2613878	2609720	2609781	2611126	0.09	cps

LB Number :	LB98797	Operator :	Jaswal
Lab Sample ID :	S3	Instrumnet Name :	P7
Client Sample ID :	S3	Dilution Factor :	1
Date & Time Acquired ::	2018-10-23 15:10:21	DataFile Name :	006CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	362448	364050	359817	362105	0.59	cps
Molybdenum	94-1	1854137	1850270	1867342	1857250	0.48	cps
Molybdenum	95-1	2274236	2276141	2282900	2277759	0.20	cps
Molybdenum	96-1	2486282	2496872	2500634	2494596	0.30	cps
Molybdenum	97-1	1395828	1414126	1402983	1404312	0.66	cps
Molybdenum	98-1	3618838	3660202	3617579	3632207	0.67	cps
Neodymium	150-1	147	107	87	113	26.96	cps
Neodymium	150-2	17	3	7	9	78.08	cps
Nickel	60-2	139634	139627	139695	139652	0.03	cps
Phosphorus	31-2	13373	12856	12923	13051	2.15	cps
Potassium	39-2	1141662	1137319	1130309	1136430	0.50	cps
Rhodium	103-1	15944241	15811184	15850203	15868543	0.43	cps
Rhodium	103-2	7588474	7548324	7609453	7582084	0.41	cps
Scandium	45-1	11693898	11723376	11649024	11688766	0.32	cps
Scandium	45-2	507992	503941	508886	506940	0.52	cps
Selenium	77-2	1023	1003	893	973	7.19	cps
Selenium	78-2	3326	3310	3380	3339	1.10	cps
Selenium	82-1	21488	21656	21338	21494	0.74	cps
Silicon	28-1	1242781	1273434	1279382	1265199	1.55	cps
Silver	109-1	1211998	1218492	1214359	1214950	0.27	cps
Silver	107-1	1262505	1265513	1274337	1267452	0.49	cps
Sodium	23-2	4947568	4938758	4895159	4927162	0.57	cps
Strontium	86-1	305760	303438	305511	304903	0.42	cps
Strontium	88-1	2636091	2620283	2638974	2631783	0.38	cps
Sulfur	34-1	926577	924651	931783	927671	0.40	cps
Terbium	159-1	21986866	21820327	21908333	21905176	0.38	cps
Terbium	159-2	10482152	10546524	10553047	10527241	0.37	cps
Thallium	203-1	918375	932235	937977	929529	1.08	cps
Thallium	205-1	2202589	2244863	2249715	2232389	1.16	cps
Thorium	232-1	3046012	3069243	3081381	3065545	0.59	cps
Tin	118-1	754973	763024	760511	759503	0.54	cps
Titanium	47-1	707868	707521	711011	708800	0.27	cps
Uranium	238-1	2965250	2997401	3008135	2990262	0.75	cps
Vanadium	51-2	239768	239966	240594	240109	0.18	cps
Yttrium	89-1	17468016	17391288	17425417	17428241	0.22	cps
Yttrium	89-2	2450702	2430384	2445034	2442040	0.43	cps

LB Number :	LB98797	Operator :	Jaswal
Lab Sample ID :	S3	Instrumnet Name :	P7
Client Sample ID :	S3	Dilution Factor :	1
Date & Time Acquired ::	2018-10-23 15:10:21	DataFile Name :	006CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zinc	66-2	114431	113994	114589	114338	0.27	cps
Zirconium	90-1	1548788	1542100	1562251	1551047	0.66	cps
Zirconium	91-1	342280	344371	346112	344255	0.56	cps

LB Number :	LB98797	Operator :	Jaswal
Lab Sample ID :	S4	Instrumnet Name :	P7
Client Sample ID :	S4	Dilution Factor :	1
Date & Time Acquired ::	2018-10-23 15:14:29	DataFile Name :	007CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	539560	539855	538126	539180	0.17	cps
Antimony	121-1	2148044	2149922	2131815	2143260	0.46	cps
Arsenic	75-2	80734	80713	79883	80443	0.60	cps
Barium	135-1	2698492	2726035	2683094	2702540	0.80	cps
Barium	137-1	4658537	4684787	4658251	4667192	0.33	cps
Beryllium	9-1	774470	779239	768494	774068	0.70	cps
Bismuth	209-1	14004082	14033373	13843531	13960328	0.73	cps
Bismuth	209-2	7812315	7803210	7701955	7772494	0.79	cps
Boron	10-1	127980	130130	127854	128655	0.99	cps
Boron	11-1	601496	616253	608504	608751	1.21	cps
Cadmium	111-1	678343	684853	679738	680978	0.50	cps
Cadmium	106-1	82792	84645	83220	83552	1.16	cps
Cadmium	108-1	51393	51255	51121	51256	0.27	cps
Calcium	43-1	777838	783820	773652	778437	0.66	cps
Calcium	44-1	12287209	12274113	12224603	12261975	0.27	cps
Chromium	52-2	753564	755502	746680	751916	0.62	cps
Cobalt	59-2	1247602	1253758	1243794	1248385	0.40	cps
Copper	63-2	1780571	1794154	1789366	1788031	0.39	cps
Dysprosium	156-1	67	133	100	100	33.33	cps
Dysprosium	156-2	43	40	23	36	30.14	cps
Erbium	164-1	75	92	83	83	10.00	cps
Erbium	164-2	33	13	47	31	53.94	cps
Gadolinium	160-1	167	200	192	186	9.32	cps
Gadolinium	160-2	287	260	387	311	21.46	cps
Holmium	165-1	21490449	21671807	21055416	21405891	1.48	cps
Holmium	165-2	10691005	10608792	10550315	10616704	0.67	cps
Indium	115-1	16760532	16862525	16701881	16774979	0.48	cps
Indium	115-2	3174276	3211204	3168290	3184590	0.73	cps
Iron	56-2	32162833	32136515	31699899	31999749	0.81	cps
Iron	57-2	795898	795214	789560	793558	0.44	cps
Krypton	83-1	673	730	547	650	14.44	cps
Lead	206-1	1875455	1900933	1895374	1890587	0.71	cps
Lead	207-1	1677823	1702300	1675307	1685143	0.88	cps
Lead	208-1	7534684	7601084	7525467	7553745	0.55	cps
Lithium	6-1	6536541	6628613	6516612	6560589	0.91	cps
Magnesium	24-2	6352299	6328536	6310101	6330312	0.33	cps

LB Number : LB98797 Operator : Jaswal
 Lab Sample ID : S4 Instrumnet Name : P7
 Client Sample ID : S4 Dilution Factor : 1
 Date & Time Acquired :: 2018-10-23 15:14:29 DataFile Name : 007CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	879526	879420	872321	877089	0.47	cps
Molybdenum	94-1	4545711	4606784	4531969	4561488	0.87	cps
Molybdenum	95-1	5552843	5581315	5485044	5539734	0.89	cps
Molybdenum	96-1	6080183	6178430	6102374	6120329	0.84	cps
Molybdenum	97-1	3461191	3487884	3459874	3469650	0.46	cps
Molybdenum	98-1	8985887	9006174	8952210	8981424	0.30	cps
Neodymium	150-1	240	247	227	238	4.28	cps
Neodymium	150-2	20	20	40	27	43.30	cps
Nickel	60-2	338854	341525	337410	339263	0.62	cps
Phosphorus	31-2	32094	32653	32653	32467	0.99	cps
Potassium	39-2	2695877	2719834	2673284	2696332	0.86	cps
Rhodium	103-1	15623921	15733255	15686082	15681086	0.35	cps
Rhodium	103-2	7434105	7441522	7409676	7428434	0.22	cps
Scandium	45-1	11522113	11590226	11550581	11554307	0.30	cps
Scandium	45-2	497303	499248	492321	496291	0.72	cps
Selenium	77-2	2284	2354	2264	2300	2.05	cps
Selenium	78-2	7882	7761	8050	7898	1.84	cps
Selenium	82-1	53216	54057	53368	53547	0.84	cps
Silicon	28-1	2525189	2597632	2578340	2567054	1.46	cps
Silver	109-1	2967380	2983005	2966369	2972251	0.31	cps
Silver	107-1	3054804	3149666	3057851	3087440	1.75	cps
Sodium	23-2	12034404	11976573	11889650	11966876	0.61	cps
Strontium	86-1	746010	755176	749435	750207	0.62	cps
Strontium	88-1	6397253	6461237	6393244	6417245	0.59	cps
Sulfur	34-1	1094742	1086888	1097599	1093076	0.51	cps
Terbium	159-1	21813428	22194233	21740575	21916079	1.11	cps
Terbium	159-2	10521379	10435953	10352674	10436669	0.81	cps
Thallium	203-1	2287303	2306834	2268609	2287582	0.84	cps
Thallium	205-1	5438181	5511731	5474553	5474822	0.67	cps
Thorium	232-1	7604457	7666597	7598279	7623111	0.50	cps
Tin	118-1	1879488	1889311	1864525	1877774	0.66	cps
Titanium	47-1	1748852	1761799	1730656	1747102	0.90	cps
Uranium	238-1	7363596	7500430	7383241	7415756	1.00	cps
Vanadium	51-2	590268	588882	585379	588176	0.43	cps
Yttrium	89-1	17191767	17476558	17180358	17282895	0.97	cps
Yttrium	89-2	2416135	2406218	2395794	2406049	0.42	cps

LB Number :	LB98797	Operator :	Jaswal
Lab Sample ID :	S4	Instrumnet Name :	P7
Client Sample ID :	S4	Dilution Factor :	1
Date & Time Acquired ::	2018-10-23 15:14:29	DataFile Name :	007CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zinc	66-2	273172	275401	273484	274019	0.44	cps
Zirconium	90-1	3795545	3836468	3813073	3815029	0.54	cps
Zirconium	91-1	848851	858491	851401	852914	0.59	cps

LB Number :	LB98797	Operator :	Jaswal
Lab Sample ID :	S5	Instrumnet Name :	P7
Client Sample ID :	S5	Dilution Factor :	1
Date & Time Acquired ::	2018-10-23 15:18:16	DataFile Name :	008CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	1068290	1075734	1060765	1068263	0.70	cps
Antimony	121-1	4157265	4210938	4191689	4186630	0.65	cps
Arsenic	75-2	158627	159832	157583	158681	0.71	cps
Barium	135-1	5233132	5284087	5322442	5279887	0.85	cps
Barium	137-1	9146202	9182182	9176865	9168416	0.21	cps
Beryllium	9-1	1503673	1511437	1511629	1508913	0.30	cps
Bismuth	209-1	13808542	13922355	13944802	13891900	0.53	cps
Bismuth	209-2	7672872	7719931	7673384	7688729	0.35	cps
Boron	10-1	246548	249721	254199	250156	1.54	cps
Boron	11-1	1155599	1181319	1204520	1180479	2.07	cps
Cadmium	111-1	1301576	1314145	1318828	1311516	0.68	cps
Cadmium	106-1	154165	155097	152847	154036	0.73	cps
Cadmium	108-1	100419	100118	103210	101249	1.68	cps
Calcium	43-1	1518976	1527038	1537733	1527916	0.62	cps
Calcium	44-1	23980195	24133750	24245321	24119755	0.55	cps
Chromium	52-2	1486861	1483057	1480565	1483494	0.21	cps
Cobalt	59-2	2439543	2450505	2458446	2449498	0.39	cps
Copper	63-2	3480963	3519198	3498824	3499662	0.55	cps
Dysprosium	156-1	92	167	175	144	31.77	cps
Dysprosium	156-2	97	110	100	102	6.79	cps
Erbium	164-1	92	100	100	97	4.95	cps
Erbium	164-2	60	53	77	63	18.98	cps
Gadolinium	160-1	292	233	267	264	11.09	cps
Gadolinium	160-2	343	347	337	342	1.49	cps
Holmium	165-1	21403066	21423529	21477268	21434621	0.18	cps
Holmium	165-2	10602402	10668190	10593353	10621315	0.38	cps
Indium	115-1	16505799	16597937	16504001	16535912	0.32	cps
Indium	115-2	3139428	3157993	3137800	3145073	0.36	cps
Iron	56-2	63215468	63306244	63080963	63200892	0.18	cps
Iron	57-2	1556750	1562035	1564546	1561110	0.25	cps
Krypton	83-1	643	643	580	622	5.88	cps
Lead	206-1	3672386	3717752	3700378	3696839	0.62	cps
Lead	207-1	3284055	3356073	3315456	3318528	1.09	cps
Lead	208-1	14749501	14887933	14876266	14837900	0.52	cps
Lithium	6-1	6536354	6489719	6568002	6531358	0.60	cps
Magnesium	24-2	12583575	12678676	12614351	12625534	0.38	cps

LB Number :	LB98797	Operator :	Jaswal
Lab Sample ID :	S5	Instrumnet Name :	P7
Client Sample ID :	S5	Dilution Factor :	1
Date & Time Acquired ::	2018-10-23 15:18:16	DataFile Name :	008CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	1735636	1738027	1720943	1731535	0.53	cps
Molybdenum	94-1	9001804	9068188	9034875	9034955	0.37	cps
Molybdenum	95-1	11025753	11096883	11048440	11057025	0.33	cps
Molybdenum	96-1	12139508	12129357	12134801	12134555	0.04	cps
Molybdenum	97-1	6858000	6847247	6897622	6867623	0.39	cps
Molybdenum	98-1	17723218	17744347	17756997	17741521	0.10	cps
Neodymium	150-1	507	520	433	487	9.59	cps
Neodymium	150-2	90	57	43	63	37.95	cps
Nickel	60-2	665281	666057	666835	666058	0.12	cps
Phosphorus	31-2	63586	62925	61762	62758	1.47	cps
Potassium	39-2	5322389	5304340	5242251	5289660	0.79	cps
Rhodium	103-1	15262205	15312179	15269794	15281393	0.18	cps
Rhodium	103-2	7298501	7339034	7305511	7314349	0.30	cps
Scandium	45-1	11385109	11434851	11485380	11435113	0.44	cps
Scandium	45-2	497503	495669	490107	494426	0.78	cps
Selenium	77-2	4461	4344	4534	4446	2.16	cps
Selenium	78-2	15186	15495	15329	15337	1.01	cps
Selenium	82-1	104268	105745	104555	104856	0.75	cps
Silicon	28-1	4227009	4265426	4291961	4261466	0.77	cps
Silver	109-1	5672840	5707644	5818345	5732943	1.33	cps
Silver	107-1	6033799	6077323	6068067	6059729	0.38	cps
Sodium	23-2	23795512	24032715	23778135	23868787	0.60	cps
Strontium	86-1	1458637	1469994	1489723	1472785	1.07	cps
Strontium	88-1	12603584	12636714	12661536	12633944	0.23	cps
Sulfur	34-1	1375253	1363498	1364571	1367774	0.48	cps
Terbium	159-1	21831705	21851407	21896497	21859870	0.15	cps
Terbium	159-2	10414025	10543786	10373042	10443618	0.85	cps
Thallium	203-1	4484100	4468392	4547986	4500159	0.94	cps
Thallium	205-1	10750820	10779026	10786174	10772006	0.17	cps
Thorium	232-1	15326646	15435151	15286448	15349415	0.50	cps
Tin	118-1	3639217	3665765	3693762	3666248	0.74	cps
Titanium	47-1	3421965	3452758	3446520	3440414	0.47	cps
Uranium	238-1	14859619	14846560	14823555	14843244	0.12	cps
Vanadium	51-2	1165802	1171063	1168534	1168466	0.23	cps
Yttrium	89-1	17074416	17114849	17118791	17102685	0.14	cps
Yttrium	89-2	2373619	2384634	2376774	2378342	0.24	cps

LB Number :	LB98797	Operator :	Jaswal
Lab Sample ID :	S5	Instrumnet Name :	P7
Client Sample ID :	S5	Dilution Factor :	1
Date & Time Acquired ::	2018-10-23 15:18:16	DataFile Name :	008CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zinc	66-2	536556	534286	534382	535075	0.24	cps
Zirconium	90-1	7592886	7562007	7603936	7586276	0.29	cps
Zirconium	91-1	1673951	1674791	1679171	1675971	0.17	cps

LB Number :	LB98797	Operator :	Jaswal
Lab Sample ID :	S6	Instrumnet Name :	P7
Client Sample ID :	S6	Dilution Factor :	1
Date & Time Acquired ::	2018-10-23 15:22:00	DataFile Name :	009CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	2111237	2130971	2114799	2119002	0.50	cps
Antimony	121-1	8399340	8357206	8384551	8380366	0.26	cps
Arsenic	75-2	315160	314492	311692	313782	0.59	cps
Barium	135-1	10578002	10645361	10604354	10609239	0.32	cps
Barium	137-1	18415252	18382608	18452042	18416634	0.19	cps
Beryllium	9-1	2972721	3003360	2983952	2986677	0.52	cps
Bismuth	209-1	13759639	13899527	13651160	13770109	0.90	cps
Bismuth	209-2	7682643	7664913	7636784	7661447	0.30	cps
Boron	10-1	495449	509502	515794	506915	2.05	cps
Boron	11-1	2329203	2391494	2421868	2380855	1.98	cps
Cadmium	111-1	2537817	2550401	2581243	2556487	0.87	cps
Cadmium	106-1	293324	296606	295675	295201	0.57	cps
Cadmium	108-1	196420	200348	197876	198215	1.00	cps
Calcium	43-1	3028217	3050813	3062795	3047275	0.58	cps
Calcium	44-1	48247697	48066638	48387525	48233953	0.33	cps
Chromium	52-2	2913667	2933265	2907686	2918206	0.46	cps
Cobalt	59-2	4810576	4830380	4787756	4809571	0.44	cps
Copper	63-2	6805987	6799894	6734485	6780122	0.58	cps
Dysprosium	156-1	192	150	200	181	14.84	cps
Dysprosium	156-2	130	190	167	162	18.64	cps
Erbium	164-1	67	92	92	83	17.32	cps
Erbium	164-2	43	37	40	40	8.32	cps
Gadolinium	160-1	175	317	183	225	35.33	cps
Gadolinium	160-2	367	373	377	372	1.37	cps
Holmium	165-1	21485798	21895107	21538793	21639899	1.03	cps
Holmium	165-2	10793037	10835634	10744809	10791160	0.42	cps
Indium	115-1	16447692	16478870	16320074	16415545	0.51	cps
Indium	115-2	3145331	3161054	3133379	3146588	0.44	cps
Iron	56-2	126261992	126039797	124691808	125664532	0.68	cps
Iron	57-2	3097712	3104781	3070035	3090843	0.59	cps
Krypton	83-1	677	623	633	644	4.40	cps
Lead	206-1	7359017	7395953	7406984	7387318	0.34	cps
Lead	207-1	6616767	6638774	6645533	6633691	0.23	cps
Lead	208-1	29532460	29716046	29735120	29661209	0.38	cps
Lithium	6-1	6503036	6623280	6483041	6536452	1.16	cps
Magnesium	24-2	24821975	25087839	24877944	24929253	0.56	cps

LB Number :	LB98797	Operator :	Jaswal
Lab Sample ID :	S6	Instrumnet Name :	P7
Client Sample ID :	S6	Dilution Factor :	1
Date & Time Acquired ::	2018-10-23 15:22:00	DataFile Name :	009CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	3430822	3453431	3410910	3431721	0.62	cps
Molybdenum	94-1	18144961	18020349	18120142	18095151	0.36	cps
Molybdenum	95-1	22173734	22060508	22078958	22104400	0.27	cps
Molybdenum	96-1	24364519	24375214	24415774	24385169	0.11	cps
Molybdenum	97-1	13798654	13810754	13715875	13775095	0.37	cps
Molybdenum	98-1	35587876	35748550	35553500	35629975	0.29	cps
Neodymium	150-1	913	960	920	931	2.71	cps
Neodymium	150-2	93	60	80	78	21.57	cps
Nickel	60-2	1302297	1308203	1286811	1299104	0.85	cps
Phosphorus	31-2	123316	125315	122323	123651	1.23	cps
Potassium	39-2	10503846	10600518	10481853	10528739	0.60	cps
Rhodium	103-1	15229271	15344952	14940770	15171665	1.37	cps
Rhodium	103-2	7370368	7294289	7238030	7300896	0.91	cps
Scandium	45-1	11498261	11559938	11382936	11480378	0.78	cps
Scandium	45-2	505735	504067	500556	503453	0.53	cps
Selenium	77-2	9066	8863	8960	8963	1.14	cps
Selenium	78-2	30196	30263	30079	30180	0.31	cps
Selenium	82-1	204430	204328	206796	205185	0.68	cps
Silicon	28-1	8055622	8204034	8274018	8177892	1.36	cps
Silver	109-1	11270768	11357197	11424647	11350870	0.68	cps
Silver	107-1	11811529	11953277	11953427	11906078	0.69	cps
Sodium	23-2	47419370	47783202	47275641	47492738	0.55	cps
Strontium	86-1	2893995	2925723	2961472	2927064	1.15	cps
Strontium	88-1	25377450	25509750	25443803	25443668	0.26	cps
Sulfur	34-1	1973503	1980738	1978882	1977708	0.19	cps
Terbium	159-1	22004747	22427891	21921690	22118109	1.23	cps
Terbium	159-2	10700582	10488899	10501232	10563571	1.12	cps
Thallium	203-1	9003889	9052857	9022761	9026502	0.27	cps
Thallium	205-1	21442624	21591744	21588147	21540838	0.39	cps
Thorium	232-1	30755969	31115299	30873885	30915051	0.59	cps
Tin	118-1	7387681	7340074	7351431	7359729	0.34	cps
Titanium	47-1	6905035	6854149	6859231	6872805	0.41	cps
Uranium	238-1	29902513	30142580	30117357	30054150	0.44	cps
Vanadium	51-2	2321099	2339837	2313316	2324751	0.59	cps
Yttrium	89-1	17270761	17364923	17142457	17259380	0.65	cps
Yttrium	89-2	2425268	2417553	2413044	2418622	0.26	cps

LB Number :	LB98797	Operator :	Jaswal
Lab Sample ID :	S6	Instrumnet Name :	P7
Client Sample ID :	S6	Dilution Factor :	1
Date & Time Acquired ::	2018-10-23 15:22:00	DataFile Name :	009CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zinc	66-2	1039367	1041547	1028121	1036345	0.70	cps
Zirconium	90-1	15190729	15204081	15308066	15234292	0.42	cps
Zirconium	91-1	3321126	3333103	3370439	3341556	0.77	cps

LB Number :	LB98797	Operator :	Jaswal
Lab Sample ID :	S7	Instrumnet Name :	P7
Client Sample ID :	S7	Dilution Factor :	1
Date & Time Acquired ::	2018-10-23 15:25:43	DataFile Name :	010CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	4106748	4105065	4137839	4116551	0.45	cps
Antimony	121-1	16433453	16529444	16439367	16467421	0.33	cps
Arsenic	75-2	608002	609969	604279	607416	0.48	cps
Barium	135-1	21112967	20992440	21039493	21048300	0.29	cps
Barium	137-1	36468240	36337636	36423588	36409822	0.18	cps
Beryllium	9-1	5793417	5831754	5727298	5784156	0.91	cps
Bismuth	209-1	13574759	13272281	13223272	13356771	1.43	cps
Bismuth	209-2	7016173	7281989	7287544	7195236	2.16	cps
Boron	10-1	981820	997624	988902	989449	0.80	cps
Boron	11-1	4663202	4698181	4668394	4676592	0.40	cps
Cadmium	111-1	4843487	4895624	4877961	4872357	0.54	cps
Cadmium	106-1	559435	560136	566965	562179	0.74	cps
Cadmium	108-1	381711	382251	381540	381834	0.10	cps
Calcium	43-1	5958581	6046790	6050248	6018540	0.86	cps
Calcium	44-1	94359638	95746931	95847490	95318019	0.87	cps
Chromium	52-2	5719064	5664146	5689754	5690988	0.48	cps
Cobalt	59-2	9389309	9273423	9258559	9307097	0.77	cps
Copper	63-2	13047998	12914492	12986471	12982987	0.51	cps
Dysprosium	156-1	350	400	350	367	7.87	cps
Dysprosium	156-2	327	267	283	292	10.60	cps
Erbium	164-1	92	67	83	81	15.80	cps
Erbium	164-2	47	47	37	43	13.32	cps
Gadolinium	160-1	250	217	267	244	10.41	cps
Gadolinium	160-2	327	353	373	351	6.67	cps
Holmium	165-1	22053823	21354166	21362110	21590033	1.86	cps
Holmium	165-2	10009602	10469541	10476983	10318709	2.59	cps
Indium	115-1	16317590	15881050	15850075	16016238	1.63	cps
Indium	115-2	2811595	2984163	2990765	2928841	3.47	cps
Iron	56-2	247706606	245138444	244284539	245709863	0.72	cps
Iron	57-2	6019732	5985441	5945468	5983547	0.62	cps
Krypton	83-1	640	603	663	636	4.76	cps
Lead	206-1	14383224	14544990	14638082	14522098	0.89	cps
Lead	207-1	12864131	12986200	13064071	12971467	0.78	cps
Lead	208-1	57585700	58119972	58232598	57979423	0.60	cps
Lithium	6-1	6470637	6364646	6342687	6392656	1.07	cps
Magnesium	24-2	48862607	48669042	48799845	48777165	0.20	cps

LB Number : LB98797 Operator : Jaswal
 Lab Sample ID : S7 Instrumnet Name : P7
 Client Sample ID : S7 Dilution Factor : 1
 Date & Time Acquired :: 2018-10-23 15:25:43 DataFile Name : 010CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	6734228	6652689	6656539	6681152	0.69	cps
Molybdenum	94-1	36167514	36002585	36068054	36079384	0.23	cps
Molybdenum	95-1	44125960	44037912	43965882	44043252	0.18	cps
Molybdenum	96-1	48541162	48390056	48270521	48400580	0.28	cps
Molybdenum	97-1	27312282	27223459	27291151	27275630	0.17	cps
Molybdenum	98-1	70692875	70819108	70679556	70730513	0.11	cps
Neodymium	150-1	1780	1880	1667	1776	6.01	cps
Neodymium	150-2	170	157	137	154	10.86	cps
Nickel	60-2	2470012	2457420	2469757	2465729	0.29	cps
Phosphorus	31-2	243769	242631	238356	241585	1.18	cps
Potassium	39-2	20638566	20595394	20655977	20629979	0.15	cps
Rhodium	103-1	15061447	14720119	14653287	14811618	1.48	cps
Rhodium	103-2	6596545	6991612	6955598	6847919	3.19	cps
Scandium	45-1	11654410	11391801	11324171	11456794	1.52	cps
Scandium	45-2	461304	485344	487355	478001	3.03	cps
Selenium	77-2	16530	16907	16663	16700	1.14	cps
Selenium	78-2	57980	57761	57179	57640	0.72	cps
Selenium	82-1	388691	391273	392120	390695	0.46	cps
Silicon	28-1	15002742	15157112	15250196	15136683	0.83	cps
Silver	109-1	22067579	22084490	22006195	22052754	0.19	cps
Silver	107-1	23123971	22881399	22978176	22994515	0.53	cps
Sodium	23-2	94171138	93203556	93422063	93598919	0.54	cps
Strontium	86-1	5779605	5844337	5832393	5818778	0.59	cps
Strontium	88-1	50211763	50687157	50599075	50499332	0.50	cps
Sulfur	34-1	3137663	3176221	3144760	3152881	0.65	cps
Terbium	159-1	22416651	21740852	21712564	21956689	1.82	cps
Terbium	159-2	9868521	10192748	10269166	10110145	2.10	cps
Thallium	203-1	17765952	17741591	17684572	17730705	0.24	cps
Thallium	205-1	42291234	42756571	42707926	42585244	0.60	cps
Thorium	232-1	61126369	61542019	61382725	61350371	0.34	cps
Tin	118-1	14406225	14559356	14533609	14499730	0.57	cps
Titanium	47-1	13506754	13662965	13521312	13563677	0.64	cps
Uranium	238-1	59133847	59578478	59530812	59414379	0.41	cps
Vanadium	51-2	4554285	4525315	4529324	4536308	0.35	cps
Yttrium	89-1	17374014	16978224	17000631	17117623	1.30	cps
Yttrium	89-2	2230604	2349106	2339604	2306438	2.85	cps

LB Number :	LB98797	Operator :	Jaswal
Lab Sample ID :	S7	Instrumnet Name :	P7
Client Sample ID :	S7	Dilution Factor :	1
Date & Time Acquired ::	2018-10-23 15:25:43	DataFile Name :	010CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zinc	66-2	1939799	1936555	1928100	1934818	0.31	cps
Zirconium	90-1	30197440	30420649	30207111	30275067	0.42	cps
Zirconium	91-1	6748728	6710988	6707223	6722313	0.34	cps

LB Number :	LB98797	Operator :	Jaswal
Lab Sample ID :	S8	Instrumnet Name :	P7
Client Sample ID :	S8	Dilution Factor :	1
Date & Time Acquired ::	2018-10-23 15:29:28	DataFile Name :	011CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	21488979	21624981	21643723	21585894	0.39	cps
Antimony	121-1	22677	22711	22794	22728	0.26	cps
Arsenic	75-2	281	257	319	286	10.77	cps
Barium	135-1	6202	5701	5943	5949	4.21	cps
Barium	137-1	10805	9979	10421	10402	3.97	cps
Beryllium	9-1	989	822	867	893	9.67	cps
Bismuth	209-1	11065296	11129180	11041833	11078770	0.41	cps
Bismuth	209-2	6408311	6198077	6472620	6359669	2.26	cps
Boron	10-1	22376	20148	19188	20570	7.95	cps
Boron	11-1	104837	94084	88401	95774	8.72	cps
Cadmium	111-1	6687	6755	6584	6675	1.29	cps
Cadmium	106-1	8294	8745	8570	8536	2.66	cps
Cadmium	108-1	104	125	117	115	9.09	cps
Calcium	43-1	30135304	30189384	30487737	30270808	0.63	cps
Calcium	44-1	476928111	478513561	483374427	479605366	0.70	cps
Chromium	52-2	234642	237078	239087	236936	0.94	cps
Cobalt	59-2	17040	17224	17564	17276	1.54	cps
Copper	63-2	34678	34624	33970	34424	1.15	cps
Dysprosium	156-1	167	258	167	197	26.84	cps
Dysprosium	156-2	97	127	93	106	17.39	cps
Erbium	164-1	83	75	108	89	19.52	cps
Erbium	164-2	40	67	53	53	25.00	cps
Gadolinium	160-1	242	300	342	294	17.06	cps
Gadolinium	160-2	393	363	410	389	6.08	cps
Holmium	165-1	19941296	20120331	19963009	20008212	0.49	cps
Holmium	165-2	10175554	10164979	10254535	10198356	0.48	cps
Indium	115-1	15000839	14920471	15020124	14980478	0.35	cps
Indium	115-2	2901545	2905379	2949054	2918659	0.90	cps
Iron	56-2	1219413449	1214426027	1236215139	1223351538	0.93	cps
Iron	57-2	29738844	29876176	30053924	29889648	0.53	cps
Krypton	83-1	727	693	660	693	4.81	cps
Lead	206-1	24879	24991	24874	24915	0.27	cps
Lead	207-1	21596	21134	21179	21303	1.20	cps
Lead	208-1	97696	98250	97469	97805	0.41	cps
Lithium	6-1	5940134	5910753	5825518	5892135	1.01	cps
Magnesium	24-2	240544955	242774914	242371297	241897055	0.49	cps

LB Number :	LB98797	Operator :	Jaswal
Lab Sample ID :	S8	Instrumnet Name :	P7
Client Sample ID :	S8	Dilution Factor :	1
Date & Time Acquired ::	2018-10-23 15:29:28	DataFile Name :	011CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	41034	40947	41465	41149	0.67	cps
Molybdenum	94-1	42021	42715	42455	42397	0.83	cps
Molybdenum	95-1	63735	62295	62588	62873	1.21	cps
Molybdenum	96-1	80787	80150	78373	79770	1.57	cps
Molybdenum	97-1	39272	37626	37759	38219	2.39	cps
Molybdenum	98-1	98993	96248	96106	97116	1.68	cps
Neodymium	150-1	333	347	360	347	3.85	cps
Neodymium	150-2	170	113	137	140	20.34	cps
Nickel	60-2	65974	67123	66205	66434	0.91	cps
Phosphorus	31-2	358	383	275	339	16.74	cps
Potassium	39-2	107604907	108946252	109368382	108639847	0.85	cps
Rhodium	103-1	13071025	13012670	13111757	13065150	0.38	cps
Rhodium	103-2	6337502	6384477	6411697	6377892	0.59	cps
Scandium	45-1	10953907	10979270	11019191	10984122	0.30	cps
Scandium	45-2	490301	485361	491687	489116	0.68	cps
Selenium	77-2	7	30	13	17	72.11	cps
Selenium	78-2	133	87	107	109	21.24	cps
Selenium	82-1	307	355	377	346	10.39	cps
Silicon	28-1	1147961	1168112	1192523	1169532	1.91	cps
Silver	109-1	2967	3201	2959	3042	4.51	cps
Silver	107-1	3459	3175	3192	3276	4.86	cps
Sodium	23-2	462225377	468146044	469265910	466545777	0.81	cps
Strontium	86-1	30341	30750	31160	30750	1.33	cps
Strontium	88-1	257437	257046	259221	257901	0.45	cps
Sulfur	34-1	698150	708115	725925	710730	1.98	cps
Terbium	159-1	20428889	20351346	20303247	20361161	0.31	cps
Terbium	159-2	9985898	10038901	10023577	10016125	0.27	cps
Thallium	203-1	5351	5201	4884	5146	4.63	cps
Thallium	205-1	12214	11998	11939	12050	1.20	cps
Thorium	232-1	18441	16121	15410	16657	9.52	cps
Tin	118-1	18354	18087	18805	18416	1.97	cps
Titanium	47-1	5885	6335	6018	6079	3.80	cps
Uranium	238-1	11956	11756	11823	11845	0.86	cps
Vanadium	51-2	2054	2207	2257	2172	4.88	cps
Yttrium	89-1	16352518	16333155	16406675	16364116	0.23	cps
Yttrium	89-2	2317532	2332972	2345658	2332054	0.60	cps

LB Number :	LB98797	Operator :	Jaswal
Lab Sample ID :	S8	Instrumnet Name :	P7
Client Sample ID :	S8	Dilution Factor :	1
Date & Time Acquired ::	2018-10-23 15:29:28	DataFile Name :	011CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zinc	66-2	41576	41068	41549	41398	0.69	cps
Zirconium	90-1	17745	18454	17895	18031	2.07	cps
Zirconium	91-1	3776	3934	3834	3848	2.08	cps

LB Number :	LB98797	Operator :	Jaswal
Lab Sample ID :	ICV01	Instrumnet Name :	P7
Client Sample ID :	ICV01	Dilution Factor :	1
Date & Time Acquired ::	2018-10-23 15:43:14	DataFile Name :	012ICV01.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	115813	113437	115821	115024	1.19	cps
Antimony	121-1	3294476	3331077	3314103	3313219	0.55	cps
Arsenic	75-2	127837	128043	128084	127988	0.10	cps
Barium	135-1	426264	426104	432710	428359	0.88	cps
Barium	137-1	744037	745270	750454	746587	0.46	cps
Beryllium	9-1	611581	620582	621044	617735	0.86	cps
Bismuth	209-1	14197961	14455764	14496555	14383427	1.13	cps
Bismuth	209-2	7998230	8001329	7981497	7993685	0.13	cps
Boron	10-1	570913	579335	586262	578837	1.33	cps
Boron	11-1	2671237	2721809	2771282	2721443	1.84	cps
Cadmium	111-1	533057	538256	537170	536161	0.51	cps
Cadmium	106-1	55978	57451	56279	56569	1.38	cps
Cadmium	108-1	36234	36811	36844	36630	0.94	cps
Calcium	43-1	124990	125663	125304	125319	0.27	cps
Calcium	44-1	2000357	2013637	2005891	2006628	0.33	cps
Chromium	52-2	586388	588351	587839	587526	0.17	cps
Cobalt	59-2	1006285	1005118	1012154	1007852	0.37	cps
Copper	63-2	726141	728305	735559	730002	0.68	cps
Dysprosium	156-1	50	58	17	42	52.91	cps
Dysprosium	156-2	20	17	7	14	48.02	cps
Erbium	164-1	233	225	183	214	12.53	cps
Erbium	164-2	60	77	93	77	21.74	cps
Gadolinium	160-1	275	200	208	228	18.05	cps
Gadolinium	160-2	317	327	277	307	8.63	cps
Holmium	165-1	21470433	21738081	21740639	21649718	0.72	cps
Holmium	165-2	10754026	10738983	10722547	10738519	0.15	cps
Indium	115-1	17041351	17199207	17286074	17175544	0.72	cps
Indium	115-2	3230843	3227580	3250349	3236257	0.38	cps
Iron	56-2	5116636	5094464	5098895	5103332	0.23	cps
Iron	57-2	128479	127588	128619	128229	0.44	cps
Krypton	83-1	697	670	647	671	3.73	cps
Lead	206-1	2977933	3018313	3001979	2999408	0.68	cps
Lead	207-1	2602441	2615939	2640674	2619685	0.74	cps
Lead	208-1	11803972	11941979	11972341	11906097	0.75	cps
Lithium	6-1	6853340	6916673	6955193	6908402	0.74	cps
Magnesium	24-2	619061	619680	621339	620026	0.19	cps

LB Number : LB98797 Operator : Jaswal
 Lab Sample ID : ICV01 Instrumnet Name : P7
 Client Sample ID : ICV01 Dilution Factor : 1
 Date & Time Acquired :: 2018-10-23 15:43:14 DataFile Name : 012ICV01.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	343595	348395	344517	345503	0.74	cps
Molybdenum	94-1	2562363	2620766	2614254	2599128	1.23	cps
Molybdenum	95-1	4529495	4576382	4588292	4564723	0.68	cps
Molybdenum	96-1	4761097	4813029	4848605	4807577	0.92	cps
Molybdenum	97-1	2807767	2817987	2835538	2820431	0.50	cps
Molybdenum	98-1	7247616	7299714	7309683	7285671	0.46	cps
Neodymium	150-1	47	87	40	58	43.68	cps
Neodymium	150-2	3	7	0	3	100.05	cps
Nickel	60-2	274437	275061	277334	275611	0.55	cps
Phosphorus	31-2	217	225	200	214	5.95	cps
Potassium	39-2	904415	910107	908262	907594	0.32	cps
Rhodium	103-1	16080478	16351831	16284735	16239015	0.87	cps
Rhodium	103-2	7674164	7696034	7734054	7701417	0.39	cps
Scandium	45-1	11971436	11998036	12011337	11993603	0.17	cps
Scandium	45-2	515314	518595	511634	515181	0.68	cps
Selenium	77-2	3584	3711	3897	3731	4.23	cps
Selenium	78-2	12843	12494	12626	12654	1.39	cps
Selenium	82-1	85326	86401	85578	85768	0.66	cps
Silicon	28-1	7130729	7203604	7281036	7205123	1.04	cps
Silver	109-1	2370445	2370246	2384991	2375228	0.36	cps
Silver	107-1	2449434	2506430	2476996	2477620	1.15	cps
Sodium	23-2	1979985	1970912	1976739	1975879	0.23	cps
Strontium	86-1	14750	14625	14850	14741	0.77	cps
Strontium	88-1	120393	121183	123376	121651	1.27	cps
Sulfur	34-1	795249	776066	757821	776379	2.41	cps
Terbium	159-1	22113562	22209362	22320626	22214517	0.47	cps
Terbium	159-2	10619486	10582189	10560872	10587516	0.28	cps
Thallium	203-1	3680136	3720193	3708855	3703061	0.56	cps
Thallium	205-1	8733011	8844946	8866357	8814772	0.81	cps
Thorium	232-1	6635	6002	5924	6187	6.31	cps
Tin	118-1	7645354	7660028	7589207	7631530	0.49	cps
Titanium	47-1	1427508	1431550	1422065	1427041	0.33	cps
Uranium	238-1	31245238	31833829	31777775	31618947	1.03	cps
Vanadium	51-2	468916	465619	469402	467979	0.44	cps
Yttrium	89-1	17716790	17852481	17869158	17812809	0.47	cps
Yttrium	89-2	2456334	2458400	2469477	2461403	0.29	cps

LB Number :	LB98797	Operator :	Jaswal
Lab Sample ID :	ICV01	Instrumnet Name :	P7
Client Sample ID :	ICV01	Dilution Factor :	1
Date & Time Acquired ::	2018-10-23 15:43:14	DataFile Name :	012ICV01.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zinc	66-2	222769	223215	226439	224141	0.89	cps
Zirconium	90-1	11505	9070	7335	9303	22.51	cps
Zirconium	91-1	2867	2325	2234	2475	13.83	cps

LB Number :	LB98797	Operator :	Jaswal
Lab Sample ID :	LLICV01	Instrumnet Name :	P7
Client Sample ID :	LLICV01	Dilution Factor :	1
Date & Time Acquired ::	2018-10-23 15:53:33	DataFile Name :	013LLIC.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	4751	5209	4751	4904	5.40	cps
Antimony	121-1	33992	34151	34335	34159	0.50	cps
Arsenic	75-2	648	694	674	672	3.45	cps
Barium	135-1	42156	43143	43276	42858	1.43	cps
Barium	137-1	72850	73218	73864	73311	0.70	cps
Beryllium	9-1	6151	6424	6841	6472	5.36	cps
Bismuth	209-1	14164264	14373817	14358244	14298775	0.82	cps
Bismuth	209-2	8082289	8026667	7972749	8027235	0.68	cps
Boron	10-1	31233	31926	31726	31629	1.13	cps
Boron	11-1	143240	144139	147412	144931	1.52	cps
Cadmium	111-1	11417	11109	11132	11219	1.53	cps
Cadmium	106-1	9287	9128	9095	9170	1.12	cps
Cadmium	108-1	425	463	396	428	7.81	cps
Calcium	43-1	31017	31660	30808	31161	1.42	cps
Calcium	44-1	504931	505781	505142	505285	0.09	cps
Chromium	52-2	14274	13940	14267	14160	1.35	cps
Cobalt	59-2	10697	10644	10751	10697	0.50	cps
Copper	63-2	15495	16396	16066	15986	2.85	cps
Dysprosium	156-1	33	25	0	19	89.21	cps
Dysprosium	156-2	10	10	7	9	21.63	cps
Erbium	164-1	50	58	117	75	48.43	cps
Erbium	164-2	70	40	33	48	40.88	cps
Gadolinium	160-1	183	242	167	197	19.97	cps
Gadolinium	160-2	357	317	273	316	13.21	cps
Holmium	165-1	21487698	21405322	21417760	21436927	0.21	cps
Holmium	165-2	10809463	10724014	10656822	10730099	0.71	cps
Indium	115-1	17044921	17303784	17230521	17193075	0.78	cps
Indium	115-2	3263045	3237018	3257344	3252469	0.42	cps
Iron	56-2	281054	281039	283271	281788	0.46	cps
Iron	57-2	7219	7169	7102	7163	0.82	cps
Krypton	83-1	580	550	623	584	6.31	cps
Lead	206-1	15187	15838	15710	15578	2.21	cps
Lead	207-1	13908	14091	13941	13980	0.70	cps
Lead	208-1	62760	63126	64079	63322	1.08	cps
Lithium	6-1	6795996	6935773	6887977	6873249	1.03	cps
Magnesium	24-2	264156	265919	267564	265880	0.64	cps

LB Number :	LB98797	Operator :	Jaswal
Lab Sample ID :	LLICV01	Instrumnet Name :	P7
Client Sample ID :	LLICV01	Dilution Factor :	1
Date & Time Acquired ::	2018-10-23 15:53:33	DataFile Name :	013LLIC.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	3817	3987	3984	3929	2.47	cps
Molybdenum	94-1	38169	38110	39765	38681	2.43	cps
Molybdenum	95-1	47305	44604	45131	45680	3.13	cps
Molybdenum	96-1	49437	49361	50348	49715	1.11	cps
Molybdenum	97-1	28613	27694	29214	28507	2.68	cps
Molybdenum	98-1	71261	73490	73432	72728	1.75	cps
Neodymium	150-1	7	13	20	13	49.99	cps
Neodymium	150-2	3	3	7	4	43.40	cps
Nickel	60-2	3320	3367	3354	3347	0.72	cps
Phosphorus	31-2	242	308	400	317	25.10	cps
Potassium	39-2	265807	259192	265214	263404	1.39	cps
Rhodium	103-1	16072278	16124526	16207470	16134758	0.42	cps
Rhodium	103-2	7894178	7766336	7692126	7784213	1.31	cps
Scandium	45-1	11877534	12059183	11923154	11953290	0.79	cps
Scandium	45-2	516641	513936	515821	515466	0.27	cps
Selenium	77-2	113	103	77	98	19.39	cps
Selenium	78-2	437	424	474	445	5.83	cps
Selenium	82-1	2154	2287	2250	2230	3.09	cps
Silicon	28-1	626697	627768	627814	627427	0.10	cps
Silver	109-1	24464	24088	24547	24366	1.00	cps
Silver	107-1	25850	25866	25632	25783	0.51	cps
Sodium	23-2	527407	531649	536857	531971	0.89	cps
Strontium	86-1	7027	6677	7386	7030	5.04	cps
Strontium	88-1	52798	53367	52907	53024	0.57	cps
Sulfur	34-1	786112	789991	790195	788766	0.29	cps
Terbium	159-1	22038709	22015334	21969011	22007684	0.16	cps
Terbium	159-2	10695929	10524009	10490217	10570052	1.04	cps
Thallium	203-1	18080	18872	18655	18536	2.21	cps
Thallium	205-1	44183	45362	43824	44456	1.81	cps
Thorium	232-1	62968	62750	62867	62862	0.17	cps
Tin	118-1	76826	75277	76526	76210	1.08	cps
Titanium	47-1	14825	14324	14666	14605	1.75	cps
Uranium	238-1	58601	58415	59755	58924	1.23	cps
Vanadium	51-2	23906	24340	24183	24143	0.91	cps
Yttrium	89-1	17624961	17823081	17768080	17738708	0.58	cps
Yttrium	89-2	2470083	2440465	2435869	2448806	0.76	cps

LB Number :	LB98797	Operator :	Jaswal
Lab Sample ID :	LLICV01	Instrumnet Name :	P7
Client Sample ID :	LLICV01	Dilution Factor :	1
Date & Time Acquired ::	2018-10-23 15:53:33	DataFile Name :	013LLIC.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zinc	66-2	5068	4941	5268	5092	3.24	cps
Zirconium	90-1	33540	33983	33131	33551	1.27	cps
Zirconium	91-1	7978	7536	7502	7672	3.46	cps

LB Number : LB98797 Operator : Jaswal
 Lab Sample ID : ICB01 Instrumnet Name : P7
 Client Sample ID : ICB01 Dilution Factor : 1
 Date & Time Acquired :: 2018-10-23 15:57:08 DataFile Name : 014CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	125	50	75	83	45.83	cps
Antimony	121-1	408	492	400	433	11.70	cps
Arsenic	75-2	22	31	11	22	47.21	cps
Barium	135-1	50	17	67	44	57.28	cps
Barium	137-1	100	108	100	103	4.68	cps
Beryllium	9-1	89	83	94	89	6.25	cps
Bismuth	209-1	14278986	14237152	14505760	14340633	1.01	cps
Bismuth	209-2	7986915	7986394	7963008	7978772	0.17	cps
Boron	10-1	5009	5326	4859	5065	4.71	cps
Boron	11-1	24304	23553	22910	23589	2.96	cps
Cadmium	111-1	5943	6074	6233	6083	2.39	cps
Cadmium	106-1	8486	8670	8887	8681	2.31	cps
Cadmium	108-1	8	17	13	13	33.36	cps
Calcium	43-1	325	408	450	394	16.14	cps
Calcium	44-1	14716	14374	14216	14435	1.77	cps
Chromium	52-2	913	883	890	896	1.76	cps
Cobalt	59-2	123	117	143	128	10.86	cps
Copper	63-2	810	837	940	862	7.96	cps
Dysprosium	156-1	0	8	8	6	86.60	cps
Dysprosium	156-2	3	3	3	3	0.00	cps
Erbium	164-1	50	17	58	42	52.91	cps
Erbium	164-2	30	30	33	31	6.18	cps
Gadolinium	160-1	158	125	233	172	32.22	cps
Gadolinium	160-2	310	393	347	350	11.93	cps
Holmium	165-1	21213570	21457295	21894060	21521642	1.60	cps
Holmium	165-2	10634773	10626458	10588846	10616692	0.23	cps
Indium	115-1	17112085	17252718	17538415	17301073	1.26	cps
Indium	115-2	3221089	3255081	3272650	3249607	0.81	cps
Iron	56-2	9537	9620	9809	9655	1.45	cps
Iron	57-2	261	367	311	313	16.87	cps
Krypton	83-1	720	713	577	670	12.07	cps
Lead	206-1	661	750	628	680	9.30	cps
Lead	207-1	528	494	606	543	10.51	cps
Lead	208-1	2722	2695	2617	2678	2.04	cps
Lithium	6-1	6849628	6894361	6964504	6902831	0.84	cps
Magnesium	24-2	400	467	492	453	10.47	cps

LB Number :	LB98797	Operator :	Jaswal
Lab Sample ID :	ICB01	Instrumnet Name :	P7
Client Sample ID :	ICB01	Dilution Factor :	1
Date & Time Acquired ::	2018-10-23 15:57:08	DataFile Name :	014CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	73	93	127	98	27.56	cps
Molybdenum	94-1	725	633	525	628	15.95	cps
Molybdenum	95-1	233	225	208	222	5.73	cps
Molybdenum	96-1	358	400	325	361	10.41	cps
Molybdenum	97-1	175	142	225	181	23.23	cps
Molybdenum	98-1	275	267	258	267	3.13	cps
Neodymium	150-1	0	7	7	4	86.60	cps
Neodymium	150-2	0	0	10	3	173.21	cps
Nickel	60-2	237	210	213	220	6.60	cps
Phosphorus	31-2	192	175	242	203	17.11	cps
Potassium	39-2	40147	40656	39504	40102	1.44	cps
Rhodium	103-1	16069734	16249909	16433472	16251038	1.12	cps
Rhodium	103-2	7787922	7762108	7740404	7763478	0.31	cps
Scandium	45-1	11853173	12031381	12246782	12043779	1.64	cps
Scandium	45-2	511731	516268	517855	515285	0.62	cps
Selenium	77-2	7	3	0	3	100.05	cps
Selenium	78-2	106	93	113	104	9.94	cps
Selenium	82-1	-60	-38	55	-14	-435.29	cps
Silicon	28-1	401326	387135	391398	393286	1.85	cps
Silver	109-1	233	275	233	247	9.73	cps
Silver	107-1	300	367	267	311	16.37	cps
Sodium	23-2	34800	33923	34265	34329	1.29	cps
Strontium	86-1	975	1050	1025	1017	3.76	cps
Strontium	88-1	275	267	242	261	6.64	cps
Sulfur	34-1	781941	782201	776826	780323	0.39	cps
Terbium	159-1	21845170	21912470	22289701	22015780	1.09	cps
Terbium	159-2	10487793	10527680	10463478	10492984	0.31	cps
Thallium	203-1	375	367	483	408	15.94	cps
Thallium	205-1	1075	1033	958	1022	5.78	cps
Thorium	232-1	1172	1122	1206	1167	3.60	cps
Tin	118-1	1108	1292	1175	1192	7.79	cps
Titanium	47-1	150	217	183	183	18.18	cps
Uranium	238-1	167	167	225	186	18.10	cps
Vanadium	51-2	10	10	17	12	31.50	cps
Yttrium	89-1	17642462	17745135	17952428	17780008	0.89	cps
Yttrium	89-2	2434703	2445429	2465322	2448485	0.63	cps

LB Number :	LB98797	Operator :	Jaswal
Lab Sample ID :	ICB01	Instrumnet Name :	P7
Client Sample ID :	ICB01	Dilution Factor :	1
Date & Time Acquired ::	2018-10-23 15:57:08	DataFile Name :	014CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zinc	66-2	2744	2770	2894	2803	2.86	cps
Zirconium	90-1	1709	1675	1784	1722	3.22	cps
Zirconium	91-1	258	242	300	267	11.27	cps

LB Number :	LB98797	Operator :	Jaswal
Lab Sample ID :	ICSA01	Instrumnet Name :	P7
Client Sample ID :	ICSA01	Dilution Factor :	1
Date & Time Acquired ::	2018-10-23 16:00:43	DataFile Name :	015ICSA01.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	19283909	19221805	19116937	19207550	0.44	cps
Antimony	121-1	18287	17787	19055	18377	3.48	cps
Arsenic	75-2	211	202	235	216	7.96	cps
Barium	135-1	5643	5660	5777	5693	1.28	cps
Barium	137-1	9954	10221	10863	10346	4.52	cps
Beryllium	9-1	1739	1700	1500	1646	7.79	cps
Bismuth	209-1	11736912	12986186	12812564	12511887	5.41	cps
Bismuth	209-2	7220516	7192626	7217263	7210135	0.21	cps
Boron	10-1	4793	4301	4468	4520	5.53	cps
Boron	11-1	21349	20807	20998	21051	1.31	cps
Cadmium	111-1	8145	8267	8667	8360	3.27	cps
Cadmium	106-1	7277	8003	8419	7900	7.32	cps
Cadmium	108-1	6001	5689	5618	5769	3.54	cps
Calcium	43-1	5876806	5843466	5897670	5872647	0.47	cps
Calcium	44-1	93237838	93286915	93377458	93300737	0.08	cps
Chromium	52-2	111907	111991	111236	111711	0.37	cps
Cobalt	59-2	11034	10934	11048	11005	0.56	cps
Copper	63-2	52190	52370	52758	52439	0.55	cps
Dysprosium	156-1	75	83	108	89	19.52	cps
Dysprosium	156-2	27	37	17	27	37.50	cps
Erbium	164-1	142	158	133	144	8.81	cps
Erbium	164-2	63	90	67	73	19.81	cps
Gadolinium	160-1	283	275	258	272	4.68	cps
Gadolinium	160-2	297	327	387	337	13.61	cps
Holmium	165-1	19197883	21399197	21100394	20565825	5.81	cps
Holmium	165-2	10606570	10567697	10535493	10569920	0.34	cps
Indium	115-1	14552527	16224650	16076119	15617765	5.93	cps
Indium	115-2	3051975	3046754	3048005	3048911	0.09	cps
Iron	56-2	483851055	482906666	480994111	482583944	0.30	cps
Iron	57-2	11785484	11739046	11676023	11733517	0.47	cps
Krypton	83-1	653	637	597	629	4.63	cps
Lead	206-1	65774	65405	66187	65788	0.59	cps
Lead	207-1	52666	50713	52125	51835	1.94	cps
Lead	208-1	246781	244746	247634	246387	0.60	cps
Lithium	6-1	6039882	6616434	6468528	6374948	4.70	cps
Magnesium	24-2	47584200	47707482	47630164	47640615	0.13	cps

LB Number : LB98797 Operator : Jaswal
 Lab Sample ID : ICSA01 Instrumnet Name : P7
 Client Sample ID : ICSA01 Dilution Factor : 1
 Date & Time Acquired :: 2018-10-23 16:00:43 DataFile Name : 015ICSA01.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	26464	27002	25920	26462	2.04	cps
Molybdenum	94-1	9597651	9553719	9613001	9588124	0.32	cps
Molybdenum	95-1	16909782	16782179	16805020	16832327	0.40	cps
Molybdenum	96-1	17920793	17708193	17795816	17808267	0.60	cps
Molybdenum	97-1	10522534	10425104	10440351	10462663	0.50	cps
Molybdenum	98-1	27201446	27041384	27205607	27149479	0.34	cps
Neodymium	150-1	73	107	53	78	34.64	cps
Neodymium	150-2	37	20	33	30	29.40	cps
Nickel	60-2	13243	13657	13159	13353	1.99	cps
Phosphorus	31-2	1169325	1158768	1163875	1163989	0.45	cps
Potassium	39-2	41340055	40929871	41276886	41182271	0.54	cps
Rhodium	103-1	13277647	14772248	14644630	14231508	5.82	cps
Rhodium	103-2	7012191	7025226	7012640	7016686	0.11	cps
Scandium	45-1	10369676	11546456	11481628	11132587	5.94	cps
Scandium	45-2	491616	493190	498962	494589	0.78	cps
Selenium	77-2	3	10	3	6	69.34	cps
Selenium	78-2	85	102	106	98	11.12	cps
Selenium	82-1	64	108	112	95	28.13	cps
Silicon	28-1	717023	719344	719037	718468	0.18	cps
Silver	109-1	3784	4276	3309	3790	12.76	cps
Silver	107-1	4218	4009	3976	4067	3.22	cps
Sodium	23-2	92169767	91556233	91322287	91682762	0.48	cps
Strontium	86-1	192878	190790	191054	191574	0.59	cps
Strontium	88-1	1680059	1657528	1656309	1664632	0.80	cps
Sulfur	34-1	9866958	9788663	9848130	9834584	0.42	cps
Terbium	159-1	19650055	21839492	21608968	21032838	5.72	cps
Terbium	159-2	10473040	10380539	10304911	10386163	0.81	cps
Thallium	203-1	2325	2117	2034	2159	6.96	cps
Thallium	205-1	5218	5059	4418	4898	8.65	cps
Thorium	232-1	1033	1183	1145	1120	6.95	cps
Tin	118-1	3109	3067	2809	2995	5.43	cps
Titanium	47-1	5485900	5491287	5461466	5479551	0.29	cps
Uranium	238-1	942	825	833	867	7.51	cps
Vanadium	51-2	723	790	740	751	4.62	cps
Yttrium	89-1	15511595	17282271	17108326	16634064	5.87	cps
Yttrium	89-2	2368739	2362196	2363242	2364726	0.15	cps

LB Number :	LB98797	Operator :	Jaswal
Lab Sample ID :	ICSA01	Instrumnet Name :	P7
Client Sample ID :	ICSA01	Dilution Factor :	1
Date & Time Acquired ::	2018-10-23 16:00:43	DataFile Name :	015ICSA01.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zinc	66-2	13029	12913	12953	12965	0.46	cps
Zirconium	90-1	2017	2025	1934	1992	2.55	cps
Zirconium	91-1	425	458	492	458	7.27	cps

LB Number : LB98797 Operator : Jaswal
 Lab Sample ID : ICSAB01 Instrumnet Name : P7
 Client Sample ID : ICSAB01 Dilution Factor : 1
 Date & Time Acquired :: 2018-10-23 16:04:19 DataFile Name : 016ICSB.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	19306069	19254111	19447625	19335935	0.52	cps
Antimony	121-1	332958	334670	339821	335816	1.06	cps
Arsenic	75-2	12046	12033	12044	12041	0.06	cps
Barium	135-1	88531	87760	88749	88347	0.59	cps
Barium	137-1	151434	152411	153533	152459	0.69	cps
Beryllium	9-1	116611	114657	115862	115710	0.85	cps
Bismuth	209-1	12837895	12839676	12905649	12861073	0.30	cps
Bismuth	209-2	7235142	7256096	7208691	7233310	0.33	cps
Boron	10-1	52685	52442	54098	53075	1.68	cps
Boron	11-1	247939	252129	257475	252514	1.89	cps
Cadmium	111-1	100910	102425	103529	102288	1.29	cps
Cadmium	106-1	17044	16685	16969	16899	1.12	cps
Cadmium	108-1	11968	11705	11538	11737	1.84	cps
Calcium	43-1	5929834	5947983	5981237	5953018	0.44	cps
Calcium	44-1	93931573	94145269	94834663	94303835	0.50	cps
Chromium	52-2	224814	226611	225027	225484	0.44	cps
Cobalt	59-2	200010	199911	200337	200086	0.11	cps
Copper	63-2	184237	184922	187957	185705	1.07	cps
Dysprosium	156-1	150	192	150	164	14.68	cps
Dysprosium	156-2	60	90	53	68	28.82	cps
Erbium	164-1	175	133	233	181	27.82	cps
Erbium	164-2	87	93	90	90	3.71	cps
Gadolinium	160-1	342	408	317	356	13.33	cps
Gadolinium	160-2	417	317	367	367	13.64	cps
Holmium	165-1	21248405	21508457	21554154	21437005	0.77	cps
Holmium	165-2	10623679	10633242	10638618	10631847	0.07	cps
Indium	115-1	16229448	16292501	16424996	16315648	0.61	cps
Indium	115-2	3075532	3054117	3081117	3070255	0.46	cps
Iron	56-2	485539678	489237333	488902333	487893115	0.42	cps
Iron	57-2	12008065	11856578	11896658	11920433	0.66	cps
Krypton	83-1	633	703	707	681	6.08	cps
Lead	206-1	341950	343596	344747	343431	0.41	cps
Lead	207-1	282460	286645	283829	284311	0.75	cps
Lead	208-1	1316123	1323834	1323756	1321238	0.34	cps
Lithium	6-1	6470423	6461030	6521116	6484189	0.50	cps
Magnesium	24-2	48113631	48222354	48581175	48305720	0.51	cps

LB Number :	LB98797	Operator :	Jaswal
Lab Sample ID :	ICSAB01	Instrumnet Name :	P7
Client Sample ID :	ICSAB01	Dilution Factor :	1
Date & Time Acquired ::	2018-10-23 16:04:19	DataFile Name :	016ICSB.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	93484	92146	93488	93039	0.83	cps
Molybdenum	94-1	9866221	9892934	9967865	9909006	0.53	cps
Molybdenum	95-1	17266135	17460018	17479282	17401812	0.68	cps
Molybdenum	96-1	18379598	18500655	18504706	18461653	0.39	cps
Molybdenum	97-1	10746701	10855373	10838569	10813547	0.54	cps
Molybdenum	98-1	27994904	28087985	28112543	28065144	0.22	cps
Neodymium	150-1	173	167	167	169	2.28	cps
Neodymium	150-2	63	60	77	67	13.23	cps
Nickel	60-2	62991	62091	64414	63165	1.85	cps
Phosphorus	31-2	1178423	1186670	1181121	1182071	0.36	cps
Potassium	39-2	41610643	41576895	41747377	41644971	0.22	cps
Rhodium	103-1	14868790	14942365	14900625	14903927	0.25	cps
Rhodium	103-2	7070883	7115166	7077692	7087913	0.34	cps
Scandium	45-1	11701546	11695379	11768944	11721956	0.35	cps
Scandium	45-2	506743	504147	502762	504551	0.40	cps
Selenium	77-2	317	320	333	323	2.73	cps
Selenium	78-2	1187	1109	1157	1151	3.41	cps
Selenium	82-1	7695	7740	7724	7720	0.29	cps
Silicon	28-1	1452333	1458761	1465134	1458742	0.44	cps
Silver	109-1	415874	415989	418535	416800	0.36	cps
Silver	107-1	428523	433108	434766	432132	0.75	cps
Sodium	23-2	91996808	92580079	93620400	92732429	0.89	cps
Strontium	86-1	195359	195852	196703	195971	0.35	cps
Strontium	88-1	1684283	1693198	1699344	1692275	0.45	cps
Sulfur	34-1	9892319	9863155	9927847	9894440	0.33	cps
Terbium	159-1	21780067	21816914	21856454	21817812	0.18	cps
Terbium	159-2	10381813	10395345	10410230	10395796	0.14	cps
Thallium	203-1	337916	341039	343783	340913	0.86	cps
Thallium	205-1	815706	816077	825474	819086	0.68	cps
Thorium	232-1	1322	1233	1345	1300	4.52	cps
Tin	118-1	689776	690074	697835	692561	0.66	cps
Titanium	47-1	5675613	5674754	5658649	5669672	0.17	cps
Uranium	238-1	933	842	1008	928	9.00	cps
Vanadium	51-2	91522	91870	91615	91669	0.20	cps
Yttrium	89-1	17457251	17420623	17509820	17462564	0.26	cps
Yttrium	89-2	2397989	2397824	2396146	2397319	0.04	cps

LB Number :	LB98797	Operator :	Jaswal
Lab Sample ID :	ICSAB01	Instrumnet Name :	P7
Client Sample ID :	ICSAB01	Dilution Factor :	1
Date & Time Acquired ::	2018-10-23 16:04:19	DataFile Name :	016ICSB.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zinc	66-2	31898	33171	33208	32759	2.28	cps
Zirconium	90-1	2167	1825	2067	2020	8.70	cps
Zirconium	91-1	533	367	417	439	19.49	cps

LB Number :	LB98797	Operator :	Jaswal
Lab Sample ID :	CCV59	Instrumnet Name :	P7
Client Sample ID :	CCV59	Dilution Factor :	1
Date & Time Acquired ::	2018-10-23 16:07:54	DataFile Name :	017CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	11929905	11880844	12097118	11969289	0.95	cps
Antimony	121-1	8146931	8164678	8142647	8151419	0.14	cps
Arsenic	75-2	298808	300768	299522	299699	0.33	cps
Barium	135-1	10578420	10656306	10611325	10615350	0.37	cps
Barium	137-1	18412957	18470028	18447660	18443548	0.16	cps
Beryllium	9-1	2871522	2893820	2889432	2884925	0.41	cps
Bismuth	209-1	12248759	12311532	12314655	12291649	0.30	cps
Bismuth	209-2	6915309	6934549	6940982	6930280	0.19	cps
Boron	10-1	489153	491731	503491	494791	1.54	cps
Boron	11-1	2351863	2344938	2393266	2363356	1.11	cps
Cadmium	111-1	2355406	2371657	2386446	2371169	0.65	cps
Cadmium	106-1	274757	279378	280458	278198	1.09	cps
Cadmium	108-1	183680	185661	187599	185646	1.06	cps
Calcium	43-1	15385825	15413203	15626085	15475038	0.85	cps
Calcium	44-1	245547864	245841547	246832822	246074078	0.27	cps
Chromium	52-2	3040078	3045062	3065299	3050146	0.44	cps
Cobalt	59-2	4759283	4782655	4774104	4772014	0.25	cps
Copper	63-2	6485297	6495958	6462271	6481175	0.27	cps
Dysprosium	156-1	433	333	358	375	13.88	cps
Dysprosium	156-2	267	217	240	241	10.38	cps
Erbium	164-1	133	117	108	119	10.66	cps
Erbium	164-2	57	43	93	64	40.18	cps
Gadolinium	160-1	242	333	383	319	22.49	cps
Gadolinium	160-2	403	377	390	390	3.42	cps
Holmium	165-1	20942860	21229345	21336333	21169513	0.96	cps
Holmium	165-2	10458552	10537093	10522803	10506150	0.40	cps
Indium	115-1	15929976	15964087	15891298	15928454	0.23	cps
Indium	115-2	3009822	3029925	3048549	3029432	0.64	cps
Iron	56-2	627640103	627279058	632254859	629058007	0.44	cps
Iron	57-2	15370031	15420483	15501671	15430728	0.43	cps
Krypton	83-1	643	723	713	693	6.29	cps
Lead	206-1	6855729	6914378	6884070	6884726	0.43	cps
Lead	207-1	5955121	6032746	6034427	6007431	0.75	cps
Lead	208-1	27490323	27577636	27499403	27522454	0.17	cps
Lithium	6-1	6286973	6357236	6378238	6340816	0.75	cps
Magnesium	24-2	125112890	123943161	125602094	124886049	0.68	cps

LB Number :	LB98797	Operator :	Jaswal
Lab Sample ID :	CCV59	Instrumnet Name :	P7
Client Sample ID :	CCV59	Dilution Factor :	1
Date & Time Acquired ::	2018-10-23 16:07:54	DataFile Name :	017CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	3473081	3476360	3490597	3480013	0.27	cps
Molybdenum	94-1	18889539	18811357	18741275	18814057	0.39	cps
Molybdenum	95-1	22939149	22930943	22885559	22918550	0.13	cps
Molybdenum	96-1	25138876	25241794	25172587	25184419	0.21	cps
Molybdenum	97-1	14185185	14211221	14131641	14176016	0.29	cps
Molybdenum	98-1	36697713	36793195	36737156	36742688	0.13	cps
Neodymium	150-1	1187	1140	1193	1173	2.48	cps
Neodymium	150-2	177	160	213	183	14.88	cps
Nickel	60-2	1282181	1287609	1289885	1286559	0.31	cps
Phosphorus	31-2	124644	122181	126213	124346	1.63	cps
Potassium	39-2	55278226	54817460	55633274	55242987	0.74	cps
Rhodium	103-1	14178269	14404511	14452686	14345155	1.02	cps
Rhodium	103-2	6793320	6759035	6788863	6780406	0.27	cps
Scandium	45-1	11541229	11658091	11786913	11662078	1.05	cps
Scandium	45-2	503381	507711	508486	506526	0.54	cps
Selenium	77-2	8199	8206	8076	8160	0.90	cps
Selenium	78-2	28159	28274	28202	28211	0.21	cps
Selenium	82-1	187707	188173	188484	188122	0.21	cps
Silicon	28-1	7593053	7621057	7727529	7647213	0.93	cps
Silver	109-1	10605836	10784265	10725233	10705112	0.85	cps
Silver	107-1	11198452	11201770	11194814	11198345	0.03	cps
Sodium	23-2	236965222	237034047	239007739	237669003	0.49	cps
Strontium	86-1	2998427	3004759	3026490	3009892	0.49	cps
Strontium	88-1	26490707	26395641	26528151	26471500	0.26	cps
Sulfur	34-1	1925013	1926215	1970270	1940499	1.33	cps
Terbium	159-1	21508208	21610127	21663911	21594082	0.37	cps
Terbium	159-2	10263455	10305430	10307128	10292004	0.24	cps
Thallium	203-1	8558005	8559695	8589870	8569190	0.21	cps
Thallium	205-1	20231932	20518308	20425708	20391983	0.72	cps
Thorium	232-1	30442087	30614831	30324965	30460628	0.48	cps
Tin	118-1	7391553	7402886	7345843	7380094	0.41	cps
Titanium	47-1	7127220	7183305	7165275	7158600	0.40	cps
Uranium	238-1	28812798	28755781	28943101	28837226	0.33	cps
Vanadium	51-2	2391818	2408135	2411614	2403856	0.44	cps
Yttrium	89-1	17341816	17523256	17525108	17463394	0.60	cps
Yttrium	89-2	2388793	2390338	2403517	2394216	0.34	cps

LB Number :	LB98797	Operator :	Jaswal
Lab Sample ID :	CCV59	Instrumnet Name :	P7
Client Sample ID :	CCV59	Dilution Factor :	1
Date & Time Acquired ::	2018-10-23 16:07:54	DataFile Name :	017CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zinc	66-2	945088	954817	952366	950757	0.53	cps
Zirconium	90-1	16007650	16025318	16041538	16024835	0.11	cps
Zirconium	91-1	3476604	3485031	3498543	3486726	0.32	cps

LB Number : LB98797 Operator : Jaswal
 Lab Sample ID : CCB59 Instrumnet Name : P7
 Client Sample ID : CCB59 Dilution Factor : 1
 Date & Time Acquired :: 2018-10-23 16:13:08 DataFile Name : 018CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	117	242	233	197	35.44	cps
Antimony	121-1	1534	2067	1659	1753	15.92	cps
Arsenic	75-2	33	26	35	31	15.56	cps
Barium	135-1	150	350	133	211	57.13	cps
Barium	137-1	150	517	225	297	65.20	cps
Beryllium	9-1	178	206	200	194	7.56	cps
Bismuth	209-1	14323730	14618133	14529833	14490565	1.04	cps
Bismuth	209-2	8184713	8073493	8099592	8119266	0.72	cps
Boron	10-1	7736	7627	7402	7588	2.24	cps
Boron	11-1	37773	35058	34056	35629	5.40	cps
Cadmium	111-1	5993	6112	6113	6073	1.14	cps
Cadmium	106-1	8503	8686	8686	8625	1.23	cps
Cadmium	108-1	25	50	25	33	43.30	cps
Calcium	43-1	483	583	483	517	11.18	cps
Calcium	44-1	15667	16685	16360	16237	3.20	cps
Chromium	52-2	930	973	930	944	2.65	cps
Cobalt	59-2	137	140	170	149	12.33	cps
Copper	63-2	1057	1013	990	1020	3.32	cps
Dysprosium	156-1	8	0	17	8	100.02	cps
Dysprosium	156-2	7	7	3	6	34.70	cps
Erbium	164-1	75	17	58	50	60.09	cps
Erbium	164-2	30	40	40	37	15.75	cps
Gadolinium	160-1	217	283	192	231	20.55	cps
Gadolinium	160-2	323	333	367	341	6.65	cps
Holmium	165-1	21809943	22190332	22201460	22067245	1.01	cps
Holmium	165-2	10993742	10857019	10860103	10903621	0.72	cps
Indium	115-1	17789407	17997141	17909391	17898646	0.58	cps
Indium	115-2	3317428	3323856	3329871	3323718	0.19	cps
Iron	56-2	15030	15453	16265	15583	4.03	cps
Iron	57-2	522	411	411	448	14.31	cps
Krypton	83-1	707	573	653	644	10.41	cps
Lead	206-1	1078	1139	1072	1096	3.37	cps
Lead	207-1	1033	939	956	976	5.16	cps
Lead	208-1	4278	4489	4156	4308	3.92	cps
Lithium	6-1	6848240	6899157	6904232	6883877	0.45	cps
Magnesium	24-2	1150	1175	1133	1153	1.82	cps

LB Number :	LB98797	Operator :	Jaswal
Lab Sample ID :	CCB59	Instrumnet Name :	P7
Client Sample ID :	CCB59	Dilution Factor :	1
Date & Time Acquired ::	2018-10-23 16:13:08	DataFile Name :	018CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	123	143	97	121	19.33	cps
Molybdenum	94-1	1834	1709	1525	1689	9.18	cps
Molybdenum	95-1	2050	1592	1467	1703	18.04	cps
Molybdenum	96-1	2434	1992	1717	2047	17.66	cps
Molybdenum	97-1	1058	1092	1017	1056	3.56	cps
Molybdenum	98-1	3042	2692	2392	2709	12.01	cps
Neodymium	150-1	0	20	0	7	173.21	cps
Neodymium	150-2	0	0	3	1	173.21	cps
Nickel	60-2	247	230	227	234	4.57	cps
Phosphorus	31-2	192	292	225	236	21.56	cps
Potassium	39-2	47368	47050	47619	47346	0.60	cps
Rhodium	103-1	16797243	16903781	16675549	16792191	0.68	cps
Rhodium	103-2	8010847	7957273	7960335	7976152	0.38	cps
Scandium	45-1	12382872	12497188	12445551	12441870	0.46	cps
Scandium	45-2	527752	527359	524247	526453	0.36	cps
Selenium	77-2	0	3	0	1	173.21	cps
Selenium	78-2	87	117	106	103	14.52	cps
Selenium	82-1	-3	40	65	34	100.94	cps
Silicon	28-1	404048	400041	398279	400790	0.74	cps
Silver	109-1	875	908	808	864	5.89	cps
Silver	107-1	783	750	833	789	5.32	cps
Sodium	23-2	70717	71211	69872	70600	0.96	cps
Strontium	86-1	1200	1233	1075	1170	7.14	cps
Strontium	88-1	400	433	325	386	14.37	cps
Sulfur	34-1	749673	753320	745640	749544	0.51	cps
Terbium	159-1	22471496	22729427	22763520	22654814	0.70	cps
Terbium	159-2	10845744	10777195	10737177	10786705	0.51	cps
Thallium	203-1	808	767	792	789	2.66	cps
Thallium	205-1	1800	2242	1759	1934	13.86	cps
Thorium	232-1	3228	2962	2661	2950	9.61	cps
Tin	118-1	1584	1784	1600	1656	6.70	cps
Titanium	47-1	275	292	242	269	9.45	cps
Uranium	238-1	225	300	217	247	18.57	cps
Vanadium	51-2	27	17	23	22	22.91	cps
Yttrium	89-1	18368651	18455791	18508518	18444320	0.38	cps
Yttrium	89-2	2499219	2515141	2535440	2516600	0.72	cps

LB Number :	LB98797	Operator :	Jaswal
Lab Sample ID :	CCB59	Instrumnet Name :	P7
Client Sample ID :	CCB59	Dilution Factor :	1
Date & Time Acquired ::	2018-10-23 16:13:08	DataFile Name :	018CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zinc	66-2	2827	2630	3037	2831	7.18	cps
Zirconium	90-1	2259	2184	2225	2222	1.69	cps
Zirconium	91-1	492	525	492	503	3.83	cps

LB Number :	LB98797	Operator :	Jaswal
Lab Sample ID :	CRI	Instrumnet Name :	P7
Client Sample ID :	CRI	Dilution Factor :	1
Date & Time Acquired ::	2018-10-23 16:16:42	DataFile Name :	019LLCC.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	4784	4868	4776	4809	1.05	cps
Antimony	121-1	35078	37418	35914	36137	3.28	cps
Arsenic	75-2	682	670	717	690	3.51	cps
Barium	135-1	44472	44012	43561	44015	1.03	cps
Barium	137-1	77340	76293	77181	76938	0.73	cps
Beryllium	9-1	6396	6813	6535	6581	3.23	cps
Bismuth	209-1	14473265	14615994	14426437	14505232	0.68	cps
Bismuth	209-2	8194505	8104389	8128983	8142626	0.57	cps
Boron	10-1	30732	31676	31550	31319	1.64	cps
Boron	11-1	150055	152806	153853	152238	1.29	cps
Cadmium	111-1	12402	11821	12161	12128	2.41	cps
Cadmium	106-1	10421	9704	9946	10023	3.64	cps
Cadmium	108-1	508	479	575	521	9.43	cps
Calcium	43-1	31986	32804	33272	32687	1.99	cps
Calcium	44-1	532668	531927	531171	531922	0.14	cps
Chromium	52-2	15015	14444	14340	14600	2.49	cps
Cobalt	59-2	11014	10684	11468	11055	3.56	cps
Copper	63-2	16690	17094	16770	16851	1.27	cps
Dysprosium	156-1	8	17	42	22	78.07	cps
Dysprosium	156-2	23	0	13	12	95.78	cps
Erbium	164-1	42	108	142	97	52.37	cps
Erbium	164-2	40	50	57	49	17.16	cps
Gadolinium	160-1	208	167	200	192	11.50	cps
Gadolinium	160-2	300	337	353	330	8.27	cps
Holmium	165-1	21830099	21960142	22074592	21954944	0.56	cps
Holmium	165-2	10950113	10977749	10910964	10946275	0.31	cps
Indium	115-1	17804918	17962171	17986816	17917968	0.55	cps
Indium	115-2	3348187	3342138	3354146	3348157	0.18	cps
Iron	56-2	291399	287248	289882	289510	0.73	cps
Iron	57-2	7363	7258	7202	7274	1.13	cps
Krypton	83-1	727	613	663	668	8.51	cps
Lead	206-1	15993	16533	16633	16386	2.10	cps
Lead	207-1	14708	14614	14536	14620	0.59	cps
Lead	208-1	64835	66305	65932	65691	1.16	cps
Lithium	6-1	6864672	6874252	6890122	6876349	0.19	cps
Magnesium	24-2	272409	266506	268802	269239	1.11	cps

LB Number :	LB98797	Operator :	Jaswal
Lab Sample ID :	CRI	Instrumnet Name :	P7
Client Sample ID :	CRI	Dilution Factor :	1
Date & Time Acquired ::	2018-10-23 16:16:42	DataFile Name :	019LLCC.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	3971	4051	3957	3993	1.26	cps
Molybdenum	94-1	39899	39573	40901	40124	1.73	cps
Molybdenum	95-1	47471	48367	48032	47957	0.94	cps
Molybdenum	96-1	52682	51996	52874	52517	0.88	cps
Molybdenum	97-1	29431	30851	30383	30222	2.39	cps
Molybdenum	98-1	78307	77587	77511	77802	0.57	cps
Neodymium	150-1	13	13	13	13	0.00	cps
Neodymium	150-2	7	0	7	4	86.60	cps
Nickel	60-2	3404	3407	3287	3366	2.03	cps
Phosphorus	31-2	350	275	192	272	29.09	cps
Potassium	39-2	277981	275200	276640	276607	0.50	cps
Rhodium	103-1	16679346	16710596	16823859	16737934	0.45	cps
Rhodium	103-2	8005200	7912618	7964846	7960888	0.58	cps
Scandium	45-1	12416561	12439026	12403197	12419595	0.15	cps
Scandium	45-2	530906	526806	534909	530874	0.76	cps
Selenium	77-2	93	120	113	109	12.74	cps
Selenium	78-2	448	443	441	444	0.87	cps
Selenium	82-1	2346	2372	2358	2359	0.55	cps
Silicon	28-1	627909	639388	635760	634352	0.92	cps
Silver	109-1	25674	25616	25708	25666	0.18	cps
Silver	107-1	26810	27394	26325	26843	1.99	cps
Sodium	23-2	558548	554752	560466	557922	0.52	cps
Strontium	86-1	7402	7052	7594	7349	3.74	cps
Strontium	88-1	56220	56178	56503	56300	0.31	cps
Sulfur	34-1	776366	764992	759993	767117	1.09	cps
Terbium	159-1	22548099	22432577	22644740	22541805	0.47	cps
Terbium	159-2	10940712	10791294	10750908	10827638	0.92	cps
Thallium	203-1	18355	19365	18739	18820	2.71	cps
Thallium	205-1	44886	46758	46382	46009	2.15	cps
Thorium	232-1	63013	63589	63008	63203	0.53	cps
Tin	118-1	80773	80807	80488	80690	0.22	cps
Titanium	47-1	15667	15317	14841	15275	2.71	cps
Uranium	238-1	60007	59949	59956	59971	0.05	cps
Vanadium	51-2	25445	24647	24457	24850	2.11	cps
Yttrium	89-1	18338800	18545585	18502066	18462150	0.59	cps
Yttrium	89-2	2541309	2518222	2531922	2530484	0.46	cps

LB Number :	LB98797	Operator :	Jaswal
Lab Sample ID :	CRI	Instrumnet Name :	P7
Client Sample ID :	CRI	Dilution Factor :	1
Date & Time Acquired ::	2018-10-23 16:16:42	DataFile Name :	019LLCC.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zinc	66-2	5665	5491	5608	5588	1.58	cps
Zirconium	90-1	35503	36806	35027	35779	2.57	cps
Zirconium	91-1	7777	7819	8078	7891	2.06	cps

LB Number :	LB98797	Operator :	Jaswal
Lab Sample ID :	J4879-02DLX2	Instrumnet Name :	P7
Client Sample ID :	PT-TM1-WPDL	Dilution Factor :	2
Date & Time Acquired ::	2018-10-23 16:22:42	DataFile Name :	020SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	135913	136435	137276	136541	0.50	cps
Antimony	121-1	1513186	1515558	1535122	1521289	0.79	cps
Arsenic	75-2	100504	100737	100082	100441	0.33	cps
Barium	135-1	3219671	3248704	3271398	3246591	0.80	cps
Barium	137-1	5585672	5635462	5629717	5616951	0.48	cps
Beryllium	9-1	982123	975088	984477	980563	0.50	cps
Bismuth	209-1	14472632	14481946	14443328	14465969	0.14	cps
Bismuth	209-2	8109026	8062190	8029596	8066937	0.49	cps
Boron	10-1	456776	464444	472163	464461	1.66	cps
Boron	11-1	2158423	2183552	2256000	2199325	2.30	cps
Cadmium	111-1	1131772	1138695	1145350	1138605	0.60	cps
Cadmium	106-1	108093	109858	110940	109630	1.31	cps
Cadmium	108-1	75425	75190	77071	75895	1.35	cps
Calcium	43-1	5285	5226	4793	5101	5.27	cps
Calcium	44-1	60006	57806	57672	58495	2.24	cps
Chromium	52-2	2046108	2037994	2025378	2036493	0.51	cps
Cobalt	59-2	1880414	1875008	1871180	1875534	0.25	cps
Copper	63-2	2303697	2318567	2309379	2310548	0.32	cps
Dysprosium	156-1	92	42	33	56	56.78	cps
Dysprosium	156-2	20	30	47	32	41.81	cps
Erbium	164-1	67	75	58	67	12.49	cps
Erbium	164-2	43	27	30	33	26.45	cps
Gadolinium	160-1	125	175	183	161	19.58	cps
Gadolinium	160-2	317	363	297	326	10.51	cps
Holmium	165-1	21989873	22051596	21874227	21971899	0.41	cps
Holmium	165-2	10924646	10837252	10845218	10869039	0.44	cps
Indium	115-1	17645057	17703307	17573851	17640738	0.37	cps
Indium	115-2	3336849	3352547	3354199	3347865	0.29	cps
Iron	56-2	6331956	6314257	6273029	6306414	0.48	cps
Iron	57-2	154521	155685	154718	154975	0.40	cps
Krypton	83-1	750	653	670	691	7.48	cps
Lead	206-1	5539053	5603302	5641351	5594569	0.92	cps
Lead	207-1	4829107	4830707	4865922	4841912	0.43	cps
Lead	208-1	22165937	22111551	22385288	22220926	0.65	cps
Lithium	6-1	6857718	6873619	6808679	6846672	0.49	cps
Magnesium	24-2	667	1009	575	750	30.46	cps

LB Number :	LB98797	Operator :	Jaswal
Lab Sample ID :	J4879-02DLX2	Instrumnet Name :	P7
Client Sample ID :	PT-TM1-WPDL	Dilution Factor :	2
Date & Time Acquired ::	2018-10-23 16:22:42	DataFile Name :	020SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	1554519	1558894	1550252	1554555	0.28	cps
Molybdenum	94-1	402703	401335	404738	402925	0.43	cps
Molybdenum	95-1	706060	703046	716034	708380	0.96	cps
Molybdenum	96-1	747033	741415	753147	747198	0.79	cps
Molybdenum	97-1	431445	436937	440411	436264	1.04	cps
Molybdenum	98-1	1137112	1129238	1134770	1133707	0.36	cps
Neodymium	150-1	267	360	307	311	15.05	cps
Neodymium	150-2	20	37	23	27	33.08	cps
Nickel	60-2	2379034	2382281	2380863	2380726	0.07	cps
Phosphorus	31-2	167	308	250	242	29.46	cps
Potassium	39-2	43130	43590	43080	43267	0.65	cps
Rhodium	103-1	16621911	16579431	16502431	16567924	0.37	cps
Rhodium	103-2	7916819	7937981	7858237	7904346	0.52	cps
Scandium	45-1	12327810	12244044	12189001	12253618	0.57	cps
Scandium	45-2	526075	526923	530494	527831	0.44	cps
Selenium	77-2	7846	8039	8169	8018	2.03	cps
Selenium	78-2	27098	27522	26986	27202	1.04	cps
Selenium	82-1	182427	180828	183050	182102	0.63	cps
Silicon	28-1	1271064	1268049	1280215	1273109	0.50	cps
Silver	109-1	4253279	4229350	4296908	4259846	0.80	cps
Silver	107-1	4463205	4440075	4466329	4456537	0.32	cps
Sodium	23-2	62932	64381	61828	63047	2.03	cps
Strontium	86-1	553661	550976	551051	551896	0.28	cps
Strontium	88-1	4716977	4713686	4736929	4722531	0.27	cps
Sulfur	34-1	742712	727696	720346	730251	1.56	cps
Terbium	159-1	22377228	22479572	22425094	22427298	0.23	cps
Terbium	159-2	10848173	10742661	10703414	10764749	0.70	cps
Thallium	203-1	3936005	4008395	4018493	3987631	1.13	cps
Thallium	205-1	9521862	9610342	9578504	9570236	0.47	cps
Thorium	232-1	917	1128	1061	1035	10.43	cps
Tin	118-1	1075	1233	1125	1145	7.07	cps
Titanium	47-1	350	350	408	369	9.12	cps
Uranium	238-1	67	58	92	72	24.02	cps
Vanadium	51-2	2115830	2107280	2079022	2100711	0.92	cps
Yttrium	89-1	18187481	18133454	18194362	18171766	0.18	cps
Yttrium	89-2	2532524	2483420	2521838	2512594	1.03	cps

LB Number :	LB98797	Operator :	Jaswal
Lab Sample ID :	J4879-02DLX2	Instrumnet Name :	P7
Client Sample ID :	PT-TM1-WPDL	Dilution Factor :	2
Date & Time Acquired ::	2018-10-23 16:22:42	DataFile Name :	020SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zinc	66-2	884937	883514	879307	882586	0.33	cps
Zirconium	90-1	3376	3317	3626	3439	4.76	cps
Zirconium	91-1	1475	1300	1325	1367	6.93	cps

LB Number :	LB98797	Operator :	Jaswal
Lab Sample ID :	J4879-06DLX2	Instrumnet Name :	P7
Client Sample ID :	PT-MIN2-WPDL	Dilution Factor :	2
Date & Time Acquired ::	2018-10-23 16:26:17	DataFile Name :	021SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	5143	5826	5326	5432	6.51	cps
Antimony	121-1	1125	1075	1233	1145	7.07	cps
Arsenic	75-2	26	35	9	23	56.01	cps
Barium	135-1	617	358	458	478	27.26	cps
Barium	137-1	825	567	600	664	21.17	cps
Beryllium	9-1	567	178	144	296	79.25	cps
Bismuth	209-1	14269186	14217289	14200577	14229018	0.25	cps
Bismuth	209-2	7926385	7952264	7984303	7954317	0.36	cps
Boron	10-1	99334	102320	103101	101585	1.96	cps
Boron	11-1	480884	477853	488025	482254	1.08	cps
Cadmium	111-1	5983	5874	6067	5975	1.62	cps
Cadmium	106-1	8453	8403	8611	8489	1.28	cps
Cadmium	108-1	54	83	33	57	44.11	cps
Calcium	43-1	642	592	567	600	6.36	cps
Calcium	44-1	23345	21191	22184	22240	4.85	cps
Chromium	52-2	1077	1207	1110	1131	5.97	cps
Cobalt	59-2	457	427	427	437	3.97	cps
Copper	63-2	1270	1280	1263	1271	0.66	cps
Dysprosium	156-1	33	17	0	17	99.99	cps
Dysprosium	156-2	10	10	7	9	21.63	cps
Erbium	164-1	133	83	67	94	36.73	cps
Erbium	164-2	37	37	10	28	55.43	cps
Gadolinium	160-1	217	167	183	189	13.48	cps
Gadolinium	160-2	297	280	337	304	9.57	cps
Holmium	165-1	21584722	21633500	21537443	21585222	0.22	cps
Holmium	165-2	10715103	10719942	10719965	10718337	0.03	cps
Indium	115-1	17068894	17224692	17002457	17098681	0.67	cps
Indium	115-2	3145890	3205844	3188898	3180211	0.97	cps
Iron	56-2	13901	14424	13690	14005	2.70	cps
Iron	57-2	356	400	344	367	8.02	cps
Krypton	83-1	653	657	633	648	1.95	cps
Lead	206-1	2150	2156	2473	2260	8.16	cps
Lead	207-1	1817	1745	1939	1834	5.36	cps
Lead	208-1	8707	8401	9607	8905	7.04	cps
Lithium	6-1	6842138	6790276	6868448	6833621	0.58	cps
Magnesium	24-2	567	667	617	617	8.11	cps

LB Number :	LB98797	Operator :	Jaswal
Lab Sample ID :	J4879-06DLX2	Instrumnet Name :	P7
Client Sample ID :	PT-MIN2-WPDL	Dilution Factor :	2
Date & Time Acquired ::	2018-10-23 16:26:17	DataFile Name :	021SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	153	193	163	170	12.24	cps
Molybdenum	94-1	9337	9162	9287	9262	0.97	cps
Molybdenum	95-1	492	442	342	425	17.97	cps
Molybdenum	96-1	2125	2184	2150	2153	1.36	cps
Molybdenum	97-1	467	317	150	311	50.92	cps
Molybdenum	98-1	958	633	592	728	27.59	cps
Neodymium	150-1	13	20	13	16	24.76	cps
Neodymium	150-2	13	13	0	9	86.60	cps
Nickel	60-2	787	660	793	747	10.06	cps
Phosphorus	31-2	208	258	200	222	14.20	cps
Potassium	39-2	39662	41651	40164	40492	2.55	cps
Rhodium	103-1	16371673	16322404	16270562	16321546	0.31	cps
Rhodium	103-2	7776538	7843558	7749299	7789798	0.62	cps
Scandium	45-1	12156596	12046826	12065431	12089618	0.49	cps
Scandium	45-2	509659	517105	515268	514011	0.75	cps
Selenium	77-2	3	3	7	4	43.40	cps
Selenium	78-2	81	89	89	86	4.95	cps
Selenium	82-1	97	69	62	76	24.63	cps
Silicon	28-1	9596271	9543204	9550638	9563371	0.30	cps
Silver	109-1	1142	950	842	978	15.54	cps
Silver	107-1	1417	883	842	1047	30.62	cps
Sodium	23-2	107828	108490	109221	108513	0.64	cps
Strontium	86-1	1333	1008	858	1067	22.77	cps
Strontium	88-1	1309	867	767	981	29.41	cps
Sulfur	34-1	680717	678712	678476	679302	0.18	cps
Terbium	159-1	22235088	22192843	22055917	22161283	0.42	cps
Terbium	159-2	10489561	10585604	10546082	10540416	0.46	cps
Thallium	203-1	917	783	842	847	7.89	cps
Thallium	205-1	2534	2109	1909	2184	14.62	cps
Thorium	232-1	1356	1189	1045	1196	13.02	cps
Tin	118-1	13696155	13634015	13628475	13652882	0.28	cps
Titanium	47-1	402350	399314	403274	401646	0.52	cps
Uranium	238-1	217	83	83	128	60.25	cps
Vanadium	51-2	60	53	67	60	11.12	cps
Yttrium	89-1	18086700	17928189	17977483	17997457	0.45	cps
Yttrium	89-2	2402264	2468753	2444429	2438482	1.38	cps

LB Number :	LB98797	Operator :	Jaswal
Lab Sample ID :	J4879-06DLX2	Instrumnet Name :	P7
Client Sample ID :	PT-MIN2-WPDL	Dilution Factor :	2
Date & Time Acquired ::	2018-10-23 16:26:17	DataFile Name :	021SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zinc	66-2	2850	2904	2857	2870	1.01	cps
Zirconium	90-1	25306	25131	24831	25089	0.96	cps
Zirconium	91-1	5818	5510	5351	5560	4.27	cps

LB Number :	LB98797	Operator :	Jaswal
Lab Sample ID :	CCV60	Instrumnet Name :	P7
Client Sample ID :	CCV60	Dilution Factor :	1
Date & Time Acquired ::	2018-10-23 16:37:21	DataFile Name :	022CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	11818009	11993658	11952608	11921425	0.77	cps
Antimony	121-1	7909886	7960838	8021934	7964219	0.70	cps
Arsenic	75-2	294826	295483	293597	294635	0.33	cps
Barium	135-1	10294210	10356610	10458748	10369856	0.80	cps
Barium	137-1	17874044	17914907	17976709	17921887	0.29	cps
Beryllium	9-1	2867236	2888732	2897930	2884633	0.55	cps
Bismuth	209-1	11954359	12032426	11973398	11986728	0.34	cps
Bismuth	209-2	6660920	6733857	6734648	6709808	0.63	cps
Boron	10-1	478702	501076	509316	496365	3.19	cps
Boron	11-1	2299139	2367242	2422345	2362909	2.61	cps
Cadmium	111-1	2276292	2306492	2345327	2309370	1.50	cps
Cadmium	106-1	270502	271682	274433	272206	0.74	cps
Cadmium	108-1	179701	180258	182187	180715	0.72	cps
Calcium	43-1	14883587	15131534	15088816	15034646	0.88	cps
Calcium	44-1	236042539	238894797	241015047	238650794	1.05	cps
Chromium	52-2	2979528	2981614	2992379	2984507	0.23	cps
Cobalt	59-2	4651372	4660407	4706392	4672724	0.63	cps
Copper	63-2	6334464	6386709	6368516	6363229	0.42	cps
Dysprosium	156-1	308	217	300	275	18.43	cps
Dysprosium	156-2	277	247	240	254	7.68	cps
Erbium	164-1	150	158	125	144	12.01	cps
Erbium	164-2	53	50	73	59	21.43	cps
Gadolinium	160-1	317	275	400	331	19.25	cps
Gadolinium	160-2	330	390	437	386	13.87	cps
Holmium	165-1	20294293	20648776	20591644	20511571	0.93	cps
Holmium	165-2	10094474	10234172	10189743	10172796	0.70	cps
Indium	115-1	15222555	15345017	15553754	15373776	1.09	cps
Indium	115-2	2876311	2938670	2942410	2919131	1.27	cps
Iron	56-2	616734503	618597303	618051080	617794295	0.15	cps
Iron	57-2	14973293	15126217	15058035	15052515	0.51	cps
Krypton	83-1	683	603	723	670	9.12	cps
Lead	206-1	6791762	6872427	6864996	6843062	0.65	cps
Lead	207-1	5771853	5938345	5958985	5889728	1.74	cps
Lead	208-1	26831337	27252977	27298546	27127620	0.95	cps
Lithium	6-1	6326799	6218536	6341258	6295531	1.07	cps
Magnesium	24-2	123484140	123793740	124861386	124046422	0.58	cps

LB Number :	LB98797	Operator :	Jaswal
Lab Sample ID :	CCV60	Instrumnet Name :	P7
Client Sample ID :	CCV60	Dilution Factor :	1
Date & Time Acquired ::	2018-10-23 16:37:21	DataFile Name :	022CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	3396146	3431003	3424645	3417265	0.54	cps
Molybdenum	94-1	18132987	18271662	18363469	18256039	0.64	cps
Molybdenum	95-1	22007809	22189858	22346371	22181346	0.76	cps
Molybdenum	96-1	24109011	24404225	24643075	24385437	1.10	cps
Molybdenum	97-1	13579086	13802631	13765445	13715720	0.87	cps
Molybdenum	98-1	35255664	35800876	35651529	35569356	0.79	cps
Neodymium	150-1	1147	1280	1227	1218	5.51	cps
Neodymium	150-2	237	163	190	197	18.87	cps
Nickel	60-2	1250265	1250895	1262668	1254609	0.56	cps
Phosphorus	31-2	124079	127230	121810	124373	2.19	cps
Potassium	39-2	54157805	54504091	54499997	54387298	0.37	cps
Rhodium	103-1	13712001	13746778	13762134	13740304	0.19	cps
Rhodium	103-2	6506781	6573520	6582341	6554214	0.63	cps
Scandium	45-1	11112938	11217712	11251114	11193921	0.64	cps
Scandium	45-2	484784	492930	491067	489594	0.87	cps
Selenium	77-2	7826	8082	8496	8135	4.16	cps
Selenium	78-2	27491	27682	27803	27658	0.57	cps
Selenium	82-1	180939	182381	184434	182584	0.96	cps
Silicon	28-1	7419972	7526760	7594938	7513890	1.17	cps
Silver	109-1	10325770	10353038	10516101	10398303	0.99	cps
Silver	107-1	10857658	10876152	10914784	10882865	0.27	cps
Sodium	23-2	233047730	235409647	238078780	235512052	1.07	cps
Strontium	86-1	2886503	2933217	2953562	2924428	1.18	cps
Strontium	88-1	25451003	25581157	25561867	25531342	0.28	cps
Sulfur	34-1	1962613	1965691	1945492	1957932	0.56	cps
Terbium	159-1	20873309	20944015	21174851	20997391	0.75	cps
Terbium	159-2	9888784	9934508	10058051	9960448	0.88	cps
Thallium	203-1	8379230	8454634	8481172	8438345	0.63	cps
Thallium	205-1	20197204	20255635	20436887	20296576	0.62	cps
Thorium	232-1	29616937	30253778	30193332	30021349	1.17	cps
Tin	118-1	7205491	7219754	7310645	7245297	0.79	cps
Titanium	47-1	6887405	6914047	6976185	6925879	0.66	cps
Uranium	238-1	28041030	28175339	28670708	28295692	1.17	cps
Vanadium	51-2	2354593	2358126	2362806	2358509	0.17	cps
Yttrium	89-1	16531096	16714909	16633062	16626356	0.55	cps
Yttrium	89-2	2288363	2323468	2315462	2309098	0.80	cps

LB Number :	LB98797	Operator :	Jaswal
Lab Sample ID :	CCV60	Instrumnet Name :	P7
Client Sample ID :	CCV60	Dilution Factor :	1
Date & Time Acquired ::	2018-10-23 16:37:21	DataFile Name :	022CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zinc	66-2	930850	935753	938283	934962	0.40	cps
Zirconium	90-1	15273596	15427998	15480990	15394195	0.70	cps
Zirconium	91-1	3316660	3377565	3390908	3361711	1.18	cps

LB Number :	LB98797	Operator :	Jaswal
Lab Sample ID :	CCB60	Instrumnet Name :	P7
Client Sample ID :	CCB60	Dilution Factor :	1
Date & Time Acquired ::	2018-10-23 16:42:43	DataFile Name :	023CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	267	200	150	206	28.47	cps
Antimony	121-1	1967	1692	1567	1742	11.76	cps
Arsenic	75-2	17	20	46	28	58.12	cps
Barium	135-1	843	83	167	364	114.32	cps
Barium	137-1	1495	217	283	665	108.20	cps
Beryllium	9-1	222	156	217	198	18.67	cps
Bismuth	209-1	14195916	14006954	14096432	14099767	0.67	cps
Bismuth	209-2	7897896	8083407	8017466	7999589	1.18	cps
Boron	10-1	8886	8811	8419	8706	2.88	cps
Boron	11-1	42544	39051	37322	39639	6.71	cps
Cadmium	111-1	6067	5980	6162	6070	1.51	cps
Cadmium	106-1	8595	8520	8753	8622	1.38	cps
Cadmium	108-1	17	25	21	21	19.99	cps
Calcium	43-1	650	417	517	528	22.18	cps
Calcium	44-1	19289	15083	16560	16977	12.57	cps
Chromium	52-2	1127	960	1043	1043	7.99	cps
Cobalt	59-2	193	177	147	172	13.73	cps
Copper	63-2	930	970	923	941	2.68	cps
Dysprosium	156-1	17	0	0	6	173.21	cps
Dysprosium	156-2	0	3	7	3	100.05	cps
Erbium	164-1	83	67	42	64	32.83	cps
Erbium	164-2	43	37	27	36	23.58	cps
Gadolinium	160-1	133	142	158	144	8.81	cps
Gadolinium	160-2	290	320	370	327	12.37	cps
Holmium	165-1	21349384	21480011	21522073	21450489	0.42	cps
Holmium	165-2	10572018	10771672	10804206	10715965	1.17	cps
Indium	115-1	17253169	17316343	17349608	17306373	0.28	cps
Indium	115-2	3210212	3274719	3293902	3259611	1.35	cps
Iron	56-2	16454	16900	16899	16751	1.53	cps
Iron	57-2	556	622	456	544	15.41	cps
Krypton	83-1	663	633	670	656	2.98	cps
Lead	206-1	1289	1078	917	1095	17.06	cps
Lead	207-1	1006	761	945	904	14.08	cps
Lead	208-1	4884	3800	3884	4189	14.40	cps
Lithium	6-1	6758442	6778192	6755671	6764102	0.18	cps
Magnesium	24-2	1650	1967	2034	1884	10.88	cps

LB Number :	LB98797	Operator :	Jaswal
Lab Sample ID :	CCB60	Instrumnet Name :	P7
Client Sample ID :	CCB60	Dilution Factor :	1
Date & Time Acquired ::	2018-10-23 16:42:43	DataFile Name :	023CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	170	127	147	148	14.67	cps
Molybdenum	94-1	1625	1375	1567	1522	8.60	cps
Molybdenum	95-1	1692	1217	1325	1411	17.64	cps
Molybdenum	96-1	1775	1617	1442	1611	10.35	cps
Molybdenum	97-1	1050	900	758	903	16.16	cps
Molybdenum	98-1	2409	2100	1975	2161	10.32	cps
Neodymium	150-1	13	13	7	11	34.61	cps
Neodymium	150-2	0	3	0	1	173.21	cps
Nickel	60-2	223	267	263	251	9.60	cps
Phosphorus	31-2	175	208	133	172	21.82	cps
Potassium	39-2	45838	45070	45028	45312	1.01	cps
Rhodium	103-1	16403835	16240567	16281818	16308740	0.52	cps
Rhodium	103-2	7693821	7847870	7869447	7803713	1.23	cps
Scandium	45-1	12035272	11936323	12046071	12005889	0.50	cps
Scandium	45-2	506780	516152	521476	514802	1.45	cps
Selenium	77-2	3	0	3	2	86.60	cps
Selenium	78-2	111	83	94	96	14.52	cps
Selenium	82-1	-37	43	41	16	294.06	cps
Silicon	28-1	399497	394346	393267	395703	0.84	cps
Silver	109-1	567	658	725	650	12.23	cps
Silver	107-1	783	750	783	772	2.49	cps
Sodium	23-2	63737	60874	60983	61865	2.62	cps
Strontium	86-1	1025	1017	983	1008	2.19	cps
Strontium	88-1	700	467	467	544	24.75	cps
Sulfur	34-1	771957	761509	760538	764668	0.83	cps
Terbium	159-1	22008535	22089427	22018923	22038962	0.20	cps
Terbium	159-2	10483287	10662730	10683298	10609772	1.04	cps
Thallium	203-1	1084	817	775	892	18.78	cps
Thallium	205-1	3053	1742	1875	2223	32.46	cps
Thorium	232-1	3151	2206	2245	2534	21.11	cps
Tin	118-1	1900	1600	1642	1714	9.49	cps
Titanium	47-1	367	292	275	311	15.70	cps
Uranium	238-1	1850	192	425	822	109.18	cps
Vanadium	51-2	13	40	53	36	57.29	cps
Yttrium	89-1	17836182	17881629	17819800	17845870	0.18	cps
Yttrium	89-2	2410695	2454706	2500840	2455414	1.84	cps

LB Number :	LB98797	Operator :	Jaswal
Lab Sample ID :	CCB60	Instrumnet Name :	P7
Client Sample ID :	CCB60	Dilution Factor :	1
Date & Time Acquired ::	2018-10-23 16:42:43	DataFile Name :	023CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zinc	66-2	2657	2804	2510	2657	5.52	cps
Zirconium	90-1	2059	2242	2242	2181	4.85	cps
Zirconium	91-1	425	383	417	408	5.40	cps

LB Number : LB98797 Operator : Jaswal
 Lab Sample ID : J5575-12DLX5 Instrumnet Name : P7
 Client Sample ID : SSSI-1015-S-DH-25-TDL Dilution Factor : 5
 Date & Time Acquired :: 2018-10-23 16:46:17 DataFile Name : 024SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	1352663	1358464	1359561	1356896	0.27	cps
Antimony	121-1	1358	1292	1342	1331	2.61	cps
Arsenic	75-2	2606	2660	2545	2603	2.21	cps
Barium	135-1	55746	57997	56767	56837	1.98	cps
Barium	137-1	98623	101343	100395	100121	1.38	cps
Beryllium	9-1	3378	3195	3434	3336	3.75	cps
Bismuth	209-1	13918636	14027648	14043005	13996430	0.48	cps
Bismuth	209-2	7839651	7898440	7867588	7868560	0.37	cps
Boron	10-1	10337	10145	10637	10373	2.39	cps
Boron	11-1	46715	49039	48278	48010	2.47	cps
Cadmium	111-1	6918	7077	6955	6984	1.19	cps
Cadmium	106-1	9504	9720	9504	9576	1.31	cps
Cadmium	108-1	317	325	288	310	6.36	cps
Calcium	43-1	130277	129538	129370	129728	0.37	cps
Calcium	44-1	2043437	2085282	2060789	2063169	1.02	cps
Chromium	52-2	156125	157241	157565	156977	0.48	cps
Cobalt	59-2	86463	89229	89236	88309	1.81	cps
Copper	63-2	117397	118378	118206	117993	0.44	cps
Dysprosium	156-1	60919	61061	61623	61201	0.61	cps
Dysprosium	156-2	30718	30751	30417	30629	0.60	cps
Erbium	164-1	50686	52443	50937	51356	1.85	cps
Erbium	164-2	25167	25835	25861	25621	1.54	cps
Gadolinium	160-1	56300	56241	56216	56253	0.08	cps
Gadolinium	160-2	30958	31747	31543	31416	1.30	cps
Holmium	165-1	21288048	21642650	21506527	21479075	0.83	cps
Holmium	165-2	10686771	10822041	10731935	10746916	0.64	cps
Indium	115-1	17222508	17370033	17299747	17297429	0.43	cps
Indium	115-2	3231251	3261079	3276554	3256295	0.71	cps
Iron	56-2	86105230	86589941	85983432	86226201	0.37	cps
Iron	57-2	2089711	2097607	2102252	2096523	0.30	cps
Krypton	83-1	850	803	763	806	5.38	cps
Lead	206-1	242162	245704	243907	243924	0.73	cps
Lead	207-1	197135	202121	203515	200924	1.67	cps
Lead	208-1	923525	944467	947087	938359	1.38	cps
Lithium	6-1	6684807	6763836	6741588	6730077	0.61	cps
Magnesium	24-2	1761213	1760992	1749549	1757251	0.38	cps

LB Number :	LB98797	Operator :	Jaswal
Lab Sample ID :	J5575-12DLX5	Instrumnet Name :	P7
Client Sample ID :	SSSI-1015-S-DH-25-TDL	Dilution Factor :	5
Date & Time Acquired ::	2018-10-23 16:46:17	DataFile Name :	024SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	437198	441011	438411	438873	0.44	cps
Molybdenum	94-1	59449	61483	60621	60518	1.69	cps
Molybdenum	95-1	4626	4051	4284	4320	6.70	cps
Molybdenum	96-1	15250	14758	15726	15245	3.17	cps
Molybdenum	97-1	2667	2509	2525	2567	3.39	cps
Molybdenum	98-1	6760	6518	6702	6660	1.89	cps
Neodymium	150-1	91200	92066	91912	91726	0.50	cps
Neodymium	150-2	34700	35008	35252	34987	0.79	cps
Nickel	60-2	104559	105546	105284	105130	0.49	cps
Phosphorus	31-2	4926	5201	4601	4909	6.12	cps
Potassium	39-2	519568	518506	520385	519487	0.18	cps
Rhodium	103-1	16045058	16100165	16240921	16128715	0.63	cps
Rhodium	103-2	7667689	7668772	7742373	7692944	0.56	cps
Scandium	45-1	12086055	12069867	12115643	12090522	0.19	cps
Scandium	45-2	515744	522082	519705	519177	0.62	cps
Selenium	77-2	160	207	210	192	14.54	cps
Selenium	78-2	191	228	189	202	10.84	cps
Selenium	82-1	-29	19	127	39	205.25	cps
Silicon	28-1	19960994	20282573	20278866	20174144	0.92	cps
Silver	109-1	1133	1042	1333	1170	12.75	cps
Silver	107-1	1283	1575	1433	1431	10.20	cps
Sodium	23-2	312745	310884	303599	309076	1.56	cps
Strontium	86-1	58194	59423	58729	58782	1.05	cps
Strontium	88-1	497606	507088	508559	504418	1.18	cps
Sulfur	34-1	748664	745725	737383	743924	0.79	cps
Terbium	159-1	21825513	22149673	22182836	22052674	0.90	cps
Terbium	159-2	10575502	10571860	10610263	10585875	0.20	cps
Thallium	203-1	1584	1825	1609	1672	7.95	cps
Thallium	205-1	4067	4051	4284	4134	3.15	cps
Thorium	232-1	185500	190573	189431	188501	1.41	cps
Tin	118-1	8344	8503	8428	8425	0.94	cps
Titanium	47-1	369766	373833	379172	374257	1.26	cps
Uranium	238-1	45005	45339	45690	45344	0.76	cps
Vanadium	51-2	95352	93051	95020	94474	1.32	cps
Yttrium	89-1	18530624	18549612	18606011	18562083	0.21	cps
Yttrium	89-2	2532752	2566704	2554097	2551185	0.67	cps

LB Number :	LB98797	Operator :	Jaswal
Lab Sample ID :	J5575-12DLX5	Instrumnet Name :	P7
Client Sample ID :	SSSI-1015-S-DH-25-TDL	Dilution Factor :	5
Date & Time Acquired ::	2018-10-23 16:46:17	DataFile Name :	024SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zinc	66-2	66528	67914	67190	67211	1.03	cps
Zirconium	90-1	161314	163667	162731	162571	0.73	cps
Zirconium	91-1	35662	37175	35604	36147	2.46	cps

LB Number :	LB98797	Operator :	Jaswal
Lab Sample ID :	J5577-02DLX5	Instrumnet Name :	P7
Client Sample ID :	SSSI-1016-S-DH-22DL	Dilution Factor :	5
Date & Time Acquired ::	2018-10-23 16:49:52	DataFile Name :	025SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	1607524	1631058	1616399	1618327	0.73	cps
Antimony	121-1	2459	2359	2634	2484	5.61	cps
Arsenic	75-2	2337	2543	2552	2477	4.90	cps
Barium	135-1	152738	149892	152173	151601	0.99	cps
Barium	137-1	265178	259460	263200	262613	1.11	cps
Beryllium	9-1	3339	3323	3128	3263	3.60	cps
Bismuth	209-1	14005446	13855634	13805179	13888753	0.75	cps
Bismuth	209-2	7868972	7883021	7914681	7888891	0.30	cps
Boron	10-1	10429	10045	9920	10132	2.62	cps
Boron	11-1	47952	47919	47517	47796	0.51	cps
Cadmium	111-1	7165	7282	6881	7109	2.90	cps
Cadmium	106-1	9554	9504	9070	9376	2.84	cps
Cadmium	108-1	288	279	342	303	11.21	cps
Calcium	43-1	117588	115734	116968	116764	0.81	cps
Calcium	44-1	1888399	1875409	1885670	1883159	0.36	cps
Chromium	52-2	155298	157969	157453	156907	0.90	cps
Cobalt	59-2	98555	99336	99565	99152	0.53	cps
Copper	63-2	195230	201204	197213	197882	1.54	cps
Dysprosium	156-1	56174	56199	54936	55770	1.30	cps
Dysprosium	156-2	27511	27104	27608	27408	0.98	cps
Erbium	164-1	44950	45326	44825	45034	0.58	cps
Erbium	164-2	22075	22335	22362	22257	0.71	cps
Gadolinium	160-1	51373	50427	50026	50608	1.37	cps
Gadolinium	160-2	28450	28540	28026	28338	0.97	cps
Holmium	165-1	21922021	21696439	21424698	21681053	1.15	cps
Holmium	165-2	10806146	10826157	10782862	10805055	0.20	cps
Indium	115-1	17225700	17186277	17286902	17232960	0.29	cps
Indium	115-2	3268598	3296680	3277936	3281071	0.44	cps
Iron	56-2	92436916	92736235	92491013	92554722	0.17	cps
Iron	57-2	2256261	2256916	2257358	2256845	0.02	cps
Krypton	83-1	850	793	850	831	3.94	cps
Lead	206-1	509408	513164	509184	510585	0.44	cps
Lead	207-1	421030	427179	426772	424994	0.81	cps
Lead	208-1	1980126	1976617	1975132	1977292	0.13	cps
Lithium	6-1	6760876	6721715	6797341	6759977	0.56	cps
Magnesium	24-2	2311094	2342292	2308955	2320780	0.80	cps

LB Number :	LB98797	Operator :	Jaswal
Lab Sample ID :	J5577-02DLX5	Instrumnet Name :	P7
Client Sample ID :	SSSI-1016-S-DH-22DL	Dilution Factor :	5
Date & Time Acquired ::	2018-10-23 16:49:52	DataFile Name :	025SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	1177527	1185750	1181225	1181501	0.35	cps
Molybdenum	94-1	54371	54538	54797	54569	0.39	cps
Molybdenum	95-1	4526	4434	4468	4476	1.04	cps
Molybdenum	96-1	14666	14767	14750	14728	0.36	cps
Molybdenum	97-1	2800	2967	2600	2789	6.58	cps
Molybdenum	98-1	7444	7119	7169	7244	2.42	cps
Neodymium	150-1	83841	82721	83572	83378	0.70	cps
Neodymium	150-2	32275	31540	32258	32024	1.31	cps
Nickel	60-2	110630	112162	112494	111762	0.89	cps
Phosphorus	31-2	8119	8494	7969	8194	3.30	cps
Potassium	39-2	563018	569794	567559	566790	0.61	cps
Rhodium	103-1	16219550	16119185	16204777	16181171	0.33	cps
Rhodium	103-2	7755788	7787246	7732493	7758509	0.35	cps
Scandium	45-1	12180001	12091332	12157019	12142784	0.38	cps
Scandium	45-2	523107	526715	526246	525356	0.37	cps
Selenium	77-2	153	230	193	192	19.95	cps
Selenium	78-2	231	193	191	205	11.23	cps
Selenium	82-1	-4	70	6	24	170.02	cps
Silicon	28-1	20679061	20654338	20590011	20641137	0.22	cps
Silver	109-1	1867	1909	2125	1967	7.05	cps
Silver	107-1	2209	2325	2234	2256	2.72	cps
Sodium	23-2	323282	325870	322362	323838	0.56	cps
Strontium	86-1	59323	58838	58478	58880	0.72	cps
Strontium	88-1	498489	494831	497773	497031	0.39	cps
Sulfur	34-1	694002	685514	675024	684847	1.39	cps
Terbium	159-1	22048786	22110280	21981766	22046944	0.29	cps
Terbium	159-2	10651371	10693677	10665227	10670092	0.20	cps
Thallium	203-1	1659	1625	1575	1620	2.59	cps
Thallium	205-1	3751	3876	4034	3887	3.65	cps
Thorium	232-1	215742	212027	214127	213965	0.87	cps
Tin	118-1	5635	4734	5076	5148	8.83	cps
Titanium	47-1	327428	324578	326484	326163	0.45	cps
Uranium	238-1	228142	223761	226793	226232	0.99	cps
Vanadium	51-2	108086	109636	109378	109033	0.76	cps
Yttrium	89-1	18566089	18486101	18508662	18520284	0.22	cps
Yttrium	89-2	2560235	2570562	2562874	2564557	0.21	cps

LB Number :	LB98797	Operator :	Jaswal
Lab Sample ID :	J5577-02DLX5	Instrumnet Name :	P7
Client Sample ID :	SSSI-1016-S-DH-22DL	Dilution Factor :	5
Date & Time Acquired ::	2018-10-23 16:49:52	DataFile Name :	025SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zinc	66-2	68051	69866	69273	69063	1.34	cps
Zirconium	90-1	144919	144294	143985	144399	0.33	cps
Zirconium	91-1	32070	31076	32730	31959	2.61	cps

LB Number :	LB98797	Operator :	Jaswal
Lab Sample ID :	J5577-04DLX5	Instrumnet Name :	P7
Client Sample ID :	SSSI-1016-S-DH-21DL	Dilution Factor :	5
Date & Time Acquired ::	2018-10-23 16:53:26	DataFile Name :	026SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	1383566	1372001	1378246	1377938	0.42	cps
Antimony	121-1	717	875	717	770	11.88	cps
Arsenic	75-2	1332	1361	1343	1345	1.11	cps
Barium	135-1	75832	75606	76259	75899	0.44	cps
Barium	137-1	128617	131477	131552	130548	1.28	cps
Beryllium	9-1	3139	3011	3067	3073	2.09	cps
Bismuth	209-1	13995236	13983903	14028279	14002473	0.16	cps
Bismuth	209-2	7856733	7740133	7823906	7806924	0.77	cps
Boron	10-1	8353	8119	7569	8014	5.02	cps
Boron	11-1	37882	38475	37356	37904	1.48	cps
Cadmium	111-1	6639	6687	7037	6787	3.20	cps
Cadmium	106-1	9178	9220	9737	9379	3.32	cps
Cadmium	108-1	242	233	250	242	3.45	cps
Calcium	43-1	85874	85187	88263	86441	1.87	cps
Calcium	44-1	1387618	1399065	1385708	1390797	0.52	cps
Chromium	52-2	115837	115767	115881	115828	0.05	cps
Cobalt	59-2	94733	95398	95682	95271	0.51	cps
Copper	63-2	115363	114715	114722	114933	0.32	cps
Dysprosium	156-1	53213	52577	52752	52847	0.62	cps
Dysprosium	156-2	25771	26105	26322	26066	1.06	cps
Erbium	164-1	42275	43846	43295	43139	1.85	cps
Erbium	164-2	20809	21213	21731	21251	2.17	cps
Gadolinium	160-1	48077	47609	46831	47506	1.33	cps
Gadolinium	160-2	26008	25811	25748	25856	0.53	cps
Holmium	165-1	21488859	21553829	21505095	21515928	0.16	cps
Holmium	165-2	10736375	10651557	10617545	10668493	0.57	cps
Indium	115-1	17215788	17138677	17213458	17189308	0.26	cps
Indium	115-2	3236722	3213325	3234391	3228146	0.40	cps
Iron	56-2	76087210	75808854	76246829	76047631	0.29	cps
Iron	57-2	1848358	1866475	1869369	1861401	0.61	cps
Krypton	83-1	680	803	757	747	8.34	cps
Lead	206-1	157144	158186	158499	157943	0.45	cps
Lead	207-1	127601	128549	130058	128736	0.96	cps
Lead	208-1	601696	608757	607917	606123	0.64	cps
Lithium	6-1	6833276	6741828	6710556	6761887	0.94	cps
Magnesium	24-2	2072348	2069104	2088706	2076719	0.51	cps

LB Number :	LB98797	Operator :	Jaswal
Lab Sample ID :	J5577-04DLX5	Instrumnet Name :	P7
Client Sample ID :	SSSI-1016-S-DH-21DL	Dilution Factor :	5
Date & Time Acquired ::	2018-10-23 16:53:26	DataFile Name :	026SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	491879	494288	495408	493858	0.37	cps
Molybdenum	94-1	56145	55492	54689	55442	1.32	cps
Molybdenum	95-1	2000	1600	1734	1778	11.46	cps
Molybdenum	96-1	12881	12164	12189	12411	3.28	cps
Molybdenum	97-1	1200	1167	1217	1195	2.13	cps
Molybdenum	98-1	3009	3109	2842	2987	4.51	cps
Neodymium	150-1	81132	80025	79074	80077	1.29	cps
Neodymium	150-2	30601	31259	30992	30950	1.07	cps
Nickel	60-2	101173	102991	102237	102134	0.89	cps
Phosphorus	31-2	4217	4334	3876	4142	5.75	cps
Potassium	39-2	638842	640146	648355	642448	0.80	cps
Rhodium	103-1	16213413	16104171	16184945	16167510	0.35	cps
Rhodium	103-2	7678664	7567999	7590898	7612521	0.77	cps
Scandium	45-1	12040141	12163950	12087052	12097048	0.52	cps
Scandium	45-2	515182	519243	515213	516546	0.45	cps
Selenium	77-2	163	190	160	171	9.61	cps
Selenium	78-2	181	189	246	206	17.26	cps
Selenium	82-1	100	11	124	78	75.42	cps
Silicon	28-1	22033978	22116539	21796137	21982218	0.76	cps
Silver	109-1	575	650	850	692	20.55	cps
Silver	107-1	1158	1125	1250	1178	5.50	cps
Sodium	23-2	387501	384284	382046	384610	0.71	cps
Strontium	86-1	43083	41502	43217	42600	2.24	cps
Strontium	88-1	359797	361081	365014	361964	0.75	cps
Sulfur	34-1	637567	643118	622158	634281	1.71	cps
Terbium	159-1	22056324	22125893	21876336	22019517	0.58	cps
Terbium	159-2	10572867	10484371	10559232	10538823	0.45	cps
Thallium	203-1	1892	1600	1475	1656	12.92	cps
Thallium	205-1	4301	4051	4351	4234	3.80	cps
Thorium	232-1	229788	228405	232416	230203	0.89	cps
Tin	118-1	4676	4793	4959	4809	2.96	cps
Titanium	47-1	362585	363773	362073	362810	0.24	cps
Uranium	238-1	29502	29484	30955	29980	2.81	cps
Vanadium	51-2	82827	83508	83877	83404	0.64	cps
Yttrium	89-1	18447497	18391031	18452140	18430223	0.18	cps
Yttrium	89-2	2508264	2526883	2526243	2520463	0.42	cps

LB Number :	LB98797	Operator :	Jaswal
Lab Sample ID :	J5577-04DLX5	Instrumnet Name :	P7
Client Sample ID :	SSSI-1016-S-DH-21DL	Dilution Factor :	5
Date & Time Acquired ::	2018-10-23 16:53:26	DataFile Name :	026SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zinc	66-2	55194	55756	56111	55687	0.83	cps
Zirconium	90-1	147940	148278	152309	149509	1.63	cps
Zirconium	91-1	32721	32880	32922	32841	0.32	cps

LB Number : LB98797 Operator : Jaswal
 Lab Sample ID : J5577-04DUPDLX5 Instrumnet Name : P7
 Client Sample ID : SSSI-1016-S-DH-21DUP Dilution Factor : 5
 Date & Time Acquired :: 2018-10-23 16:57:00 DataFile Name : 027SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	1354628	1345484	1360874	1353662	0.57	cps
Antimony	121-1	717	675	692	694	3.02	cps
Arsenic	75-2	1330	1319	1389	1346	2.81	cps
Barium	135-1	74541	75816	74552	74970	0.98	cps
Barium	137-1	126740	128903	130205	128616	1.36	cps
Beryllium	9-1	3006	2956	2723	2895	5.22	cps
Bismuth	209-1	13885936	13948230	13836471	13890212	0.40	cps
Bismuth	209-2	7798310	7782411	7740357	7773693	0.39	cps
Boron	10-1	7010	7360	7460	7277	3.25	cps
Boron	11-1	33981	35326	34123	34476	2.14	cps
Cadmium	111-1	6850	6680	6853	6794	1.45	cps
Cadmium	106-1	9395	9212	9362	9323	1.05	cps
Cadmium	108-1	271	204	221	232	14.96	cps
Calcium	43-1	83351	85095	86820	85089	2.04	cps
Calcium	44-1	1368325	1359114	1365618	1364352	0.35	cps
Chromium	52-2	114618	113452	114500	114190	0.56	cps
Cobalt	59-2	95140	94303	93875	94439	0.68	cps
Copper	63-2	112683	113113	112539	112778	0.26	cps
Dysprosium	156-1	51440	52368	51615	51808	0.95	cps
Dysprosium	156-2	25798	25811	25744	25784	0.14	cps
Erbium	164-1	43378	42008	42852	42746	1.62	cps
Erbium	164-2	21053	20632	21076	20921	1.19	cps
Gadolinium	160-1	47074	46204	47425	46901	1.34	cps
Gadolinium	160-2	25928	25962	25961	25950	0.07	cps
Holmium	165-1	21362285	21572438	21508802	21481175	0.50	cps
Holmium	165-2	10685726	10592004	10656168	10644633	0.45	cps
Indium	115-1	17077124	17023649	17066516	17055763	0.17	cps
Indium	115-2	3209146	3210401	3224819	3214789	0.27	cps
Iron	56-2	75614185	74462796	75291982	75122988	0.79	cps
Iron	57-2	1836696	1817862	1832674	1829077	0.54	cps
Krypton	83-1	727	700	787	738	6.02	cps
Lead	206-1	157072	156038	154970	156026	0.67	cps
Lead	207-1	127791	127932	130362	128695	1.12	cps
Lead	208-1	602846	600808	602562	602072	0.18	cps
Lithium	6-1	6764855	6787323	6764373	6772184	0.19	cps
Magnesium	24-2	2057030	2058723	2063650	2059801	0.17	cps

LB Number : LB98797 Operator : Jaswal
 Lab Sample ID : J5577-04DUPDLX5 Instrumnet Name : P7
 Client Sample ID : SSSI-1016-S-DH-21DUP Dilution Factor : 5
 Date & Time Acquired :: 2018-10-23 16:57:00 DataFile Name : 027SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	489692	487115	490889	489232	0.39	cps
Molybdenum	94-1	54890	54505	54965	54786	0.45	cps
Molybdenum	95-1	1867	1825	1525	1739	10.72	cps
Molybdenum	96-1	11789	12439	11488	11905	4.08	cps
Molybdenum	97-1	1150	967	925	1014	11.81	cps
Molybdenum	98-1	2984	2659	2684	2775	6.52	cps
Neodymium	150-1	79006	79703	78631	79113	0.69	cps
Neodymium	150-2	30180	30009	30905	30365	1.57	cps
Nickel	60-2	99283	99807	99911	99667	0.34	cps
Phosphorus	31-2	4076	4076	3892	4015	2.64	cps
Potassium	39-2	631654	631775	638963	634131	0.66	cps
Rhodium	103-1	16012250	16137168	15920930	16023449	0.68	cps
Rhodium	103-2	7562913	7605909	7619797	7596206	0.39	cps
Scandium	45-1	11983064	12002357	11848248	11944556	0.70	cps
Scandium	45-2	508204	510642	516641	511829	0.85	cps
Selenium	77-2	157	123	183	154	19.46	cps
Selenium	78-2	157	228	224	203	19.50	cps
Selenium	82-1	118	125	19	87	67.39	cps
Silicon	28-1	21605905	21626559	21838655	21690373	0.59	cps
Silver	109-1	667	825	725	739	10.84	cps
Silver	107-1	1092	1033	1042	1056	2.99	cps
Sodium	23-2	376095	378170	376281	376848	0.30	cps
Strontium	86-1	42222	41938	40876	41678	1.70	cps
Strontium	88-1	359107	355170	358222	357500	0.58	cps
Sulfur	34-1	601494	603931	596739	600721	0.61	cps
Terbium	159-1	22059468	21843744	21953917	21952376	0.49	cps
Terbium	159-2	10566380	10370497	10466817	10467898	0.94	cps
Thallium	203-1	1584	1800	1825	1736	7.66	cps
Thallium	205-1	3917	4168	4101	4062	3.19	cps
Thorium	232-1	230489	228237	227366	228697	0.70	cps
Tin	118-1	4384	4751	4759	4632	4.62	cps
Titanium	47-1	354786	357038	356441	356089	0.33	cps
Uranium	238-1	30796	30312	30236	30448	1.00	cps
Vanadium	51-2	83367	83783	82408	83186	0.85	cps
Yttrium	89-1	18261387	18413345	18252979	18309237	0.49	cps
Yttrium	89-2	2491856	2516900	2509454	2506070	0.51	cps

LB Number :	LB98797	Operator :	Jaswal
Lab Sample ID :	J5577-04DUPDLX5	Instrumnet Name :	P7
Client Sample ID :	SSSI-1016-S-DH-21DUP	Dilution Factor :	5
Date & Time Acquired ::	2018-10-23 16:57:00	DataFile Name :	027SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zinc	66-2	54224	55743	55150	55039	1.39	cps
Zirconium	90-1	149732	149775	148387	149298	0.53	cps
Zirconium	91-1	33665	33574	32580	33273	1.81	cps

LB Number : LB98797 Operator : Jaswal
 Lab Sample ID : J5577-04LDLX25 Instrumnet Name : P7
 Client Sample ID : SSSI-1016-S-DH-21LDL Dilution Factor : 25
 Date & Time Acquired :: 2018-10-23 17:00:35 DataFile Name : 028SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	272438	271844	267632	270638	0.97	cps
Antimony	121-1	367	275	383	342	17.07	cps
Arsenic	75-2	237	254	269	253	6.22	cps
Barium	135-1	14875	14675	15092	14881	1.40	cps
Barium	137-1	25750	25908	25466	25708	0.87	cps
Beryllium	9-1	667	706	800	724	9.47	cps
Bismuth	209-1	13825375	13803206	13915926	13848169	0.43	cps
Bismuth	209-2	7790035	7720250	7776314	7762200	0.48	cps
Boron	10-1	3759	4259	3926	3981	6.40	cps
Boron	11-1	19705	20214	18896	19605	3.39	cps
Cadmium	111-1	5749	5788	5704	5747	0.74	cps
Cadmium	106-1	8178	8219	8144	8180	0.46	cps
Cadmium	108-1	67	46	92	68	33.72	cps
Calcium	43-1	17286	17052	17661	17333	1.77	cps
Calcium	44-1	284678	284836	287000	285505	0.45	cps
Chromium	52-2	23482	23893	23486	23620	1.00	cps
Cobalt	59-2	18549	18211	18782	18514	1.55	cps
Copper	63-2	22865	22624	22828	22772	0.57	cps
Dysprosium	156-1	10421	10221	10888	10510	3.26	cps
Dysprosium	156-2	4948	4838	5018	4934	1.84	cps
Erbium	164-1	8094	8069	8628	8264	3.82	cps
Erbium	164-2	4011	3907	4021	3980	1.58	cps
Gadolinium	160-1	9654	9495	9262	9470	2.08	cps
Gadolinium	160-2	5404	5374	5178	5319	2.32	cps
Holmium	165-1	21109067	21167481	21096878	21124475	0.18	cps
Holmium	165-2	10461175	10420920	10443066	10441720	0.19	cps
Indium	115-1	16917120	16961685	17127462	17002089	0.65	cps
Indium	115-2	3150972	3156762	3172903	3160212	0.36	cps
Iron	56-2	15031496	14799854	15030545	14953965	0.89	cps
Iron	57-2	364570	359566	365072	363069	0.84	cps
Krypton	83-1	690	663	757	703	6.84	cps
Lead	206-1	30931	30864	31471	31089	1.07	cps
Lead	207-1	25280	26115	25119	25505	2.10	cps
Lead	208-1	119663	119794	119104	119520	0.31	cps
Lithium	6-1	6683274	6681380	6731144	6698600	0.42	cps
Magnesium	24-2	411536	409353	409902	410264	0.28	cps

LB Number :	LB98797	Operator :	Jaswal
Lab Sample ID :	J5577-04LDLX25	Instrumnet Name :	P7
Client Sample ID :	SSSI-1016-S-DH-21LDL	Dilution Factor :	25
Date & Time Acquired ::	2018-10-23 17:00:35	DataFile Name :	028SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	98048	97457	98510	98005	0.54	cps
Molybdenum	94-1	10796	10821	11080	10899	1.44	cps
Molybdenum	95-1	458	383	450	431	9.55	cps
Molybdenum	96-1	2767	2184	2650	2534	12.19	cps
Molybdenum	97-1	367	283	242	297	21.41	cps
Molybdenum	98-1	750	775	625	717	11.21	cps
Neodymium	150-1	15763	15529	15743	15678	0.83	cps
Neodymium	150-2	5878	6041	6195	6038	2.62	cps
Nickel	60-2	20264	20107	19897	20090	0.92	cps
Phosphorus	31-2	1083	942	917	981	9.17	cps
Potassium	39-2	155439	153865	157283	155529	1.10	cps
Rhodium	103-1	15764837	15942014	16055787	15920880	0.92	cps
Rhodium	103-2	7540030	7535005	7585526	7553520	0.37	cps
Scandium	45-1	11882857	11864458	11906870	11884728	0.18	cps
Scandium	45-2	501272	497210	505161	501214	0.79	cps
Selenium	77-2	53	23	33	37	41.66	cps
Selenium	78-2	111	131	115	119	9.11	cps
Selenium	82-1	16	1	-48	-10	-324.45	cps
Silicon	28-1	4594541	4633271	4591320	4606377	0.51	cps
Silver	109-1	250	275	233	253	8.29	cps
Silver	107-1	283	400	350	344	16.99	cps
Sodium	23-2	96350	96274	96761	96462	0.27	cps
Strontium	86-1	8795	9295	9595	9228	4.38	cps
Strontium	88-1	70591	71009	71210	70937	0.45	cps
Sulfur	34-1	608291	601868	617462	609207	1.29	cps
Terbium	159-1	21671336	21540481	21552596	21588137	0.33	cps
Terbium	159-2	10397017	10285581	10322909	10335169	0.55	cps
Thallium	203-1	583	583	558	575	2.51	cps
Thallium	205-1	1167	1317	1317	1267	6.84	cps
Thorium	232-1	44822	44866	45067	44918	0.29	cps
Tin	118-1	1583	1659	1492	1578	5.29	cps
Titanium	47-1	69296	72068	70109	70491	2.02	cps
Uranium	238-1	5785	6160	5985	5977	3.14	cps
Vanadium	51-2	16252	16329	16283	16288	0.24	cps
Yttrium	89-1	17575382	17625962	17778571	17659972	0.60	cps
Yttrium	89-2	2400915	2394046	2417934	2404298	0.51	cps

LB Number :	LB98797	Operator :	Jaswal
Lab Sample ID :	J5577-04LDLX25	Instrumnet Name :	P7
Client Sample ID :	SSSI-1016-S-DH-21LDL	Dilution Factor :	25
Date & Time Acquired ::	2018-10-23 17:00:35	DataFile Name :	028SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zinc	66-2	12926	12879	12696	12834	0.95	cps
Zirconium	90-1	31277	29907	29957	30380	2.56	cps
Zirconium	91-1	6885	6644	6860	6796	1.96	cps

LB Number :	LB98797	Operator :	Jaswal
Lab Sample ID :	J5577-04MSDLX5	Instrumnet Name :	P7
Client Sample ID :	SSSI-1016-S-DH-21MSD	Dilution Factor :	5
Date & Time Acquired ::	2018-10-23 17:04:09	DataFile Name :	029SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	2168677	2169280	2183790	2173916	0.39	cps
Antimony	121-1	889868	897097	901709	896224	0.67	cps
Arsenic	75-2	60652	60111	59458	60073	1.00	cps
Barium	135-1	2105827	2145023	2152795	2134549	1.18	cps
Barium	137-1	3636948	3696264	3697901	3677038	0.94	cps
Beryllium	9-1	605748	606916	612485	608383	0.59	cps
Bismuth	209-1	13441218	13450486	13516931	13469545	0.31	cps
Bismuth	209-2	7559690	7497944	7509633	7522423	0.44	cps
Boron	10-1	107179	108035	109999	108404	1.33	cps
Boron	11-1	497360	515200	518177	510246	2.21	cps
Cadmium	111-1	519412	520120	520564	520032	0.11	cps
Cadmium	106-1	65536	65225	65301	65354	0.25	cps
Cadmium	108-1	37805	39020	39656	38827	2.42	cps
Calcium	43-1	683424	689397	699667	690829	1.19	cps
Calcium	44-1	10842851	10832791	10986242	10887295	0.79	cps
Chromium	52-2	706221	697309	698791	700774	0.68	cps
Cobalt	59-2	1071252	1077322	1062738	1070437	0.68	cps
Copper	63-2	1514127	1518470	1513756	1515451	0.17	cps
Dysprosium	156-1	57597	59514	58777	58629	1.65	cps
Dysprosium	156-2	28593	28831	29174	28866	1.01	cps
Erbium	164-1	46304	45912	45979	46065	0.46	cps
Erbium	164-2	21097	21781	21427	21435	1.60	cps
Gadolinium	160-1	53673	53422	54074	53723	0.61	cps
Gadolinium	160-2	29662	29722	29736	29707	0.13	cps
Holmium	165-1	21009577	21305816	21110025	21141806	0.71	cps
Holmium	165-2	10486616	10377218	10377145	10413659	0.61	cps
Indium	115-1	16537302	16548940	16552613	16546285	0.05	cps
Indium	115-2	3127342	3123345	3134322	3128336	0.18	cps
Iron	56-2	97638997	96983291	96984888	97202392	0.39	cps
Iron	57-2	2391156	2392956	2368735	2384282	0.57	cps
Krypton	83-1	787	640	730	719	10.29	cps
Lead	206-1	1544772	1557944	1595923	1566213	1.70	cps
Lead	207-1	1340446	1339967	1366279	1348897	1.12	cps
Lead	208-1	6085978	6145530	6263109	6164872	1.46	cps
Lithium	6-1	6683050	6679669	6695272	6685997	0.12	cps
Magnesium	24-2	7380118	7361447	7397791	7379785	0.25	cps

LB Number :	LB98797	Operator :	Jaswal
Lab Sample ID :	J5577-04MSDLX5	Instrumnet Name :	P7
Client Sample ID :	SSSI-1016-S-DH-21MSD	Dilution Factor :	5
Date & Time Acquired ::	2018-10-23 17:04:09	DataFile Name :	029SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	1149496	1140487	1148286	1146089	0.43	cps
Molybdenum	94-1	3502999	3494529	3538782	3512103	0.67	cps
Molybdenum	95-1	4123690	4121920	4195992	4147201	1.02	cps
Molybdenum	96-1	4507218	4558830	4593640	4553230	0.95	cps
Molybdenum	97-1	2520542	2558164	2580263	2552990	1.18	cps
Molybdenum	98-1	6568736	6670662	6655029	6631476	0.83	cps
Neodymium	150-1	91181	93945	91496	92207	1.64	cps
Neodymium	150-2	35743	35576	35736	35685	0.27	cps
Nickel	60-2	369488	371290	369232	370003	0.30	cps
Phosphorus	31-2	3492	3309	3351	3384	2.84	cps
Potassium	39-2	2818809	2820142	2847933	2828961	0.58	cps
Rhodium	103-1	15417993	15522332	15482913	15474413	0.34	cps
Rhodium	103-2	7395555	7315784	7283434	7331591	0.79	cps
Scandium	45-1	11723725	11762493	11862719	11782979	0.61	cps
Scandium	45-2	505914	501842	504049	503935	0.40	cps
Selenium	77-2	1847	1770	1840	1819	2.34	cps
Selenium	78-2	5538	5592	5627	5586	0.80	cps
Selenium	82-1	36322	37370	36591	36761	1.48	cps
Silicon	28-1	28669132	28654918	29656331	28993460	1.98	cps
Silver	109-1	1668777	1687340	1699061	1685059	0.91	cps
Silver	107-1	1727954	1752928	1754009	1744964	0.84	cps
Sodium	23-2	9801858	9765527	9835547	9800977	0.36	cps
Strontium	86-1	621009	628429	631284	626907	0.85	cps
Strontium	88-1	5374255	5420710	5407196	5400720	0.44	cps
Sulfur	34-1	633976	628261	626774	629671	0.60	cps
Terbium	159-1	21352851	21496033	21639917	21496267	0.67	cps
Terbium	159-2	10287504	10270573	10193487	10250522	0.49	cps
Thallium	203-1	1713078	1746789	1751457	1737108	1.21	cps
Thallium	205-1	4074982	4159824	4182866	4139224	1.37	cps
Thorium	232-1	190558	193027	196201	193262	1.46	cps
Tin	118-1	1162408	1159216	1168349	1163324	0.40	cps
Titanium	47-1	1732913	1755445	1748340	1745566	0.66	cps
Uranium	238-1	5616088	5619659	5772273	5669340	1.57	cps
Vanadium	51-2	543060	542674	544643	543459	0.19	cps
Yttrium	89-1	17737058	17923160	17885447	17848555	0.55	cps
Yttrium	89-2	2453397	2460618	2449498	2454504	0.23	cps

LB Number :	LB98797	Operator :	Jaswal
Lab Sample ID :	J5577-04MSDLX5	Instrumnet Name :	P7
Client Sample ID :	SSSI-1016-S-DH-21MSD	Dilution Factor :	5
Date & Time Acquired ::	2018-10-23 17:04:09	DataFile Name :	029SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zinc	66-2	261589	262760	261727	262025	0.24	cps
Zirconium	90-1	3134618	3172542	3202919	3170026	1.08	cps
Zirconium	91-1	698775	706395	713733	706301	1.06	cps

LB Number : LB98797 Operator : Jaswal
 Lab Sample ID : J5577-04MSDDLX5 Instrumnet Name : P7
 Client Sample ID : SSSI-1016-S-DH-21MSD Dilution Factor : 5
 Date & Time Acquired :: 2018-10-23 17:07:45 DataFile Name : 030SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	1950710	1920890	1935113	1935571	0.77	cps
Antimony	121-1	951254	970706	957928	959963	1.03	cps
Arsenic	75-2	59484	58320	58264	58689	1.17	cps
Barium	135-1	2126517	2156996	2131594	2138369	0.76	cps
Barium	137-1	3677321	3698819	3684127	3686755	0.30	cps
Beryllium	9-1	595116	599915	591867	595633	0.68	cps
Bismuth	209-1	13483722	13447714	13668094	13533177	0.87	cps
Bismuth	209-2	7651832	7558359	7463242	7557811	1.25	cps
Boron	10-1	107532	110603	110779	109638	1.67	cps
Boron	11-1	510401	522516	520554	517823	1.26	cps
Cadmium	111-1	518806	515782	514094	516227	0.46	cps
Cadmium	106-1	66205	64062	65411	65226	1.66	cps
Cadmium	108-1	38883	39088	39000	38990	0.26	cps
Calcium	43-1	704865	697764	707444	703358	0.71	cps
Calcium	44-1	11174437	11196396	11113858	11161564	0.38	cps
Chromium	52-2	797779	789352	791693	792941	0.55	cps
Cobalt	59-2	1048874	1043884	1047951	1046903	0.25	cps
Copper	63-2	1494048	1485381	1489156	1489528	0.29	cps
Dysprosium	156-1	49248	48345	49172	48922	1.02	cps
Dysprosium	156-2	24348	23978	24502	24276	1.11	cps
Erbium	164-1	42509	41489	42392	42130	1.32	cps
Erbium	164-2	20055	19594	20038	19896	1.31	cps
Gadolinium	160-1	44716	45920	45836	45490	1.48	cps
Gadolinium	160-2	24666	25006	24646	24773	0.82	cps
Holmium	165-1	21178360	21169081	20992013	21113152	0.50	cps
Holmium	165-2	10583810	10388253	10358628	10443564	1.17	cps
Indium	115-1	16655856	16621307	16522725	16599963	0.42	cps
Indium	115-2	3152310	3102346	3112791	3122482	0.84	cps
Iron	56-2	96296588	96151549	96236116	96228085	0.08	cps
Iron	57-2	2346210	2344950	2364764	2351975	0.47	cps
Krypton	83-1	660	713	720	698	4.71	cps
Lead	206-1	1572497	1563129	1573162	1569596	0.36	cps
Lead	207-1	1341292	1341044	1357153	1346497	0.69	cps
Lead	208-1	6158862	6145891	6200151	6168301	0.46	cps
Lithium	6-1	6595369	6649742	6564388	6603166	0.65	cps
Magnesium	24-2	7001903	6942079	6957378	6967120	0.45	cps

LB Number : LB98797 Operator : Jaswal
 Lab Sample ID : J5577-04MSDDLX5 Instrumnet Name : P7
 Client Sample ID : SSSI-1016-S-DH-21MSD Dilution Factor : 5
 Date & Time Acquired :: 2018-10-23 17:07:45 DataFile Name : 030SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	1113753	1110558	1117397	1113903	0.31	cps
Molybdenum	94-1	3511070	3525884	3530924	3522626	0.29	cps
Molybdenum	95-1	4129227	4137967	4124345	4130513	0.17	cps
Molybdenum	96-1	4539970	4569495	4561827	4557097	0.34	cps
Molybdenum	97-1	2545941	2569082	2571145	2562056	0.55	cps
Molybdenum	98-1	6611482	6653543	6659613	6641546	0.39	cps
Neodymium	150-1	75225	74635	74596	74819	0.47	cps
Neodymium	150-2	28256	28022	27908	28062	0.63	cps
Nickel	60-2	363220	357171	358440	359611	0.89	cps
Phosphorus	31-2	6093	6151	5768	6004	3.44	cps
Potassium	39-2	2698126	2679967	2704095	2694063	0.47	cps
Rhodium	103-1	15500596	15603665	15546165	15550142	0.33	cps
Rhodium	103-2	7458528	7346026	7272004	7358852	1.28	cps
Scandium	45-1	11774318	11791661	11729696	11765225	0.27	cps
Scandium	45-2	509683	503643	501837	505054	0.81	cps
Selenium	77-2	1810	1677	1793	1760	4.13	cps
Selenium	78-2	5262	5355	5434	5350	1.61	cps
Selenium	82-1	35904	35693	36066	35888	0.52	cps
Silicon	28-1	29458590	29481833	29363581	29434668	0.21	cps
Silver	109-1	1343911	1349722	1351959	1348530	0.31	cps
Silver	107-1	1407068	1416491	1402467	1408675	0.51	cps
Sodium	23-2	9711355	9715648	9706257	9711087	0.05	cps
Strontium	86-1	635502	628799	625231	629844	0.83	cps
Strontium	88-1	5421410	5403829	5423586	5416275	0.20	cps
Sulfur	34-1	636639	635441	633449	635176	0.25	cps
Terbium	159-1	21618459	21632735	21768508	21673234	0.38	cps
Terbium	159-2	10398619	10237550	10174519	10270229	1.13	cps
Thallium	203-1	1715569	1735603	1705580	1718917	0.89	cps
Thallium	205-1	4090278	4169096	4104895	4121423	1.02	cps
Thorium	232-1	204325	207635	206815	206258	0.84	cps
Tin	118-1	1186248	1197099	1195030	1192792	0.48	cps
Titanium	47-1	2182941	2176314	2165444	2174900	0.41	cps
Uranium	238-1	5577292	5652663	5673165	5634373	0.90	cps
Vanadium	51-2	546445	541248	541338	543010	0.55	cps
Yttrium	89-1	17718501	17850347	17732777	17767208	0.41	cps
Yttrium	89-2	2470037	2424911	2421779	2438909	1.11	cps

LB Number :	LB98797	Operator :	Jaswal
Lab Sample ID :	J5577-04MSDDLX5	Instrumnet Name :	P7
Client Sample ID :	SSSI-1016-S-DH-21MSD	Dilution Factor :	5
Date & Time Acquired ::	2018-10-23 17:07:45	DataFile Name :	030SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zinc	66-2	258407	256094	255676	256726	0.57	cps
Zirconium	90-1	3165330	3215701	3196218	3192416	0.80	cps
Zirconium	91-1	706380	715576	709588	710515	0.66	cps

LB Number : LB98797 Operator : Jaswal
 Lab Sample ID : J5577-04ADLX5 Instrumnet Name : P7
 Client Sample ID : SSSI-1016-S-DH-21ADL Dilution Factor : 5
 Date & Time Acquired :: 2018-10-23 17:11:20 DataFile Name : 031SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	2072320	2080083	2092926	2081776	0.50	cps
Antimony	121-1	955583	951237	952268	953029	0.24	cps
Arsenic	75-2	60133	60315	60319	60256	0.18	cps
Barium	135-1	2162966	2193295	2197370	2184544	0.86	cps
Barium	137-1	3778851	3770897	3803543	3784431	0.45	cps
Beryllium	9-1	605864	609359	607123	607449	0.29	cps
Bismuth	209-1	13466916	13593222	13575465	13545201	0.50	cps
Bismuth	209-2	7553179	7578034	7563067	7564760	0.17	cps
Boron	10-1	110493	112743	112240	111825	1.06	cps
Boron	11-1	524026	523442	529767	525745	0.66	cps
Cadmium	111-1	526914	524745	528163	526607	0.33	cps
Cadmium	106-1	67102	66976	66138	66739	0.78	cps
Cadmium	108-1	39956	40337	39651	39982	0.86	cps
Calcium	43-1	714119	710080	711278	711826	0.29	cps
Calcium	44-1	11299593	11264305	11268969	11277622	0.17	cps
Chromium	52-2	762070	768027	763299	764465	0.41	cps
Cobalt	59-2	1080090	1076064	1077956	1078037	0.19	cps
Copper	63-2	1525957	1530911	1531940	1529602	0.21	cps
Dysprosium	156-1	54501	55831	55697	55343	1.32	cps
Dysprosium	156-2	27281	27250	26596	27042	1.43	cps
Erbium	164-1	44189	43813	43972	43992	0.43	cps
Erbium	164-2	21300	22051	21400	21584	1.89	cps
Gadolinium	160-1	49758	51841	50803	50801	2.05	cps
Gadolinium	160-2	27885	27742	27969	27865	0.41	cps
Holmium	165-1	21047568	21128921	21275401	21150630	0.55	cps
Holmium	165-2	10522440	10449845	10440430	10470905	0.43	cps
Indium	115-1	16544390	16534204	16666613	16581736	0.44	cps
Indium	115-2	3116182	3133952	3136243	3128792	0.35	cps
Iron	56-2	98873263	98649508	97945469	98489413	0.49	cps
Iron	57-2	2401963	2402259	2398690	2400970	0.08	cps
Krypton	83-1	740	710	650	700	6.55	cps
Lead	206-1	1600293	1614972	1622743	1612669	0.71	cps
Lead	207-1	1377699	1381054	1402476	1387076	0.97	cps
Lead	208-1	6295190	6347351	6415260	6352600	0.95	cps
Lithium	6-1	6558818	6622699	6650018	6610512	0.71	cps
Magnesium	24-2	7312517	7322669	7316131	7317106	0.07	cps

LB Number :	LB98797	Operator :	Jaswal
Lab Sample ID :	J5577-04ADLX5	Instrumnet Name :	P7
Client Sample ID :	SSSI-1016-S-DH-21ADL	Dilution Factor :	5
Date & Time Acquired ::	2018-10-23 17:11:20	DataFile Name :	031SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	1149836	1163859	1157532	1157076	0.61	cps
Molybdenum	94-1	3553995	3567900	3607421	3576439	0.78	cps
Molybdenum	95-1	4182783	4201750	4239482	4208005	0.69	cps
Molybdenum	96-1	4611418	4672478	4649519	4644471	0.66	cps
Molybdenum	97-1	2617286	2621711	2641755	2626918	0.50	cps
Molybdenum	98-1	6760599	6757781	6779405	6765928	0.17	cps
Neodymium	150-1	86591	86424	87209	86741	0.48	cps
Neodymium	150-2	32462	32796	32472	32576	0.58	cps
Nickel	60-2	370508	371069	370654	370744	0.08	cps
Phosphorus	31-2	5009	5009	5393	5137	4.31	cps
Potassium	39-2	2807187	2857959	2822678	2829275	0.92	cps
Rhodium	103-1	15370348	15364327	15425294	15386656	0.22	cps
Rhodium	103-2	7371435	7362811	7329683	7354643	0.30	cps
Scandium	45-1	11651768	11710320	11691002	11684363	0.26	cps
Scandium	45-2	503190	507642	500449	503760	0.72	cps
Selenium	77-2	1707	1887	1733	1776	5.47	cps
Selenium	78-2	5544	5779	5592	5638	2.20	cps
Selenium	82-1	36852	36832	37454	37046	0.95	cps
Silicon	28-1	29587573	29841173	29292043	29573596	0.93	cps
Silver	109-1	1542554	1555817	1556625	1551665	0.51	cps
Silver	107-1	1612635	1630849	1623307	1622264	0.56	cps
Sodium	23-2	9951637	9993138	9942604	9962460	0.27	cps
Strontium	86-1	639064	644241	646534	643280	0.59	cps
Strontium	88-1	5556914	5527656	5549650	5544740	0.27	cps
Sulfur	34-1	631285	618610	613617	621171	1.47	cps
Terbium	159-1	21623372	21558319	21557821	21579837	0.17	cps
Terbium	159-2	10261190	10244674	10285139	10263668	0.20	cps
Thallium	203-1	1764760	1767457	1783087	1771768	0.56	cps
Thallium	205-1	4211717	4225074	4257676	4231489	0.56	cps
Thorium	232-1	203246	204438	203840	203841	0.29	cps
Tin	118-1	1215489	1200514	1202469	1206157	0.67	cps
Titanium	47-1	1995807	2007534	1998264	2000535	0.31	cps
Uranium	238-1	5728571	5790083	5804042	5774232	0.70	cps
Vanadium	51-2	554801	554559	552347	553902	0.24	cps
Yttrium	89-1	17768261	17830133	17831806	17810067	0.20	cps
Yttrium	89-2	2441614	2452896	2429261	2441257	0.48	cps

LB Number :	LB98797	Operator :	Jaswal
Lab Sample ID :	J5577-04ADLX5	Instrumnet Name :	P7
Client Sample ID :	SSSI-1016-S-DH-21ADL	Dilution Factor :	5
Date & Time Acquired ::	2018-10-23 17:11:20	DataFile Name :	031SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zinc	66-2	263288	262453	262859	262867	0.16	cps
Zirconium	90-1	3235787	3245490	3249001	3243426	0.21	cps
Zirconium	91-1	723731	723879	727903	725171	0.33	cps

LB Number :	LB98797	Operator :	Jaswal
Lab Sample ID :	CCV61	Instrumnet Name :	P7
Client Sample ID :	CCV61	Dilution Factor :	1
Date & Time Acquired ::	2018-10-23 17:16:28	DataFile Name :	032CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	11729339	11770259	11783613	11761070	0.24	cps
Antimony	121-1	7929165	8008447	7987326	7974979	0.51	cps
Arsenic	75-2	291294	294284	294865	293481	0.65	cps
Barium	135-1	10365378	10384707	10469108	10406397	0.53	cps
Barium	137-1	18005359	17889957	18030260	17975192	0.42	cps
Beryllium	9-1	2842665	2837184	2856052	2845300	0.34	cps
Bismuth	209-1	12022721	11992823	12079582	12031709	0.37	cps
Bismuth	209-2	6783028	6723905	6800058	6768997	0.59	cps
Boron	10-1	479501	492652	503278	491810	2.42	cps
Boron	11-1	2287104	2345648	2352253	2328335	1.54	cps
Cadmium	111-1	2305137	2309176	2336465	2316926	0.74	cps
Cadmium	106-1	270681	274713	277388	274260	1.23	cps
Cadmium	108-1	179980	181034	184166	181727	1.20	cps
Calcium	43-1	15018294	15073473	15118526	15070098	0.33	cps
Calcium	44-1	237150189	238894872	240964697	239003253	0.80	cps
Chromium	52-2	2958305	2970059	2969342	2965902	0.22	cps
Cobalt	59-2	4633212	4624423	4663785	4640474	0.45	cps
Copper	63-2	6372271	6293458	6343720	6336483	0.63	cps
Dysprosium	156-1	250	342	375	322	20.09	cps
Dysprosium	156-2	247	230	260	246	6.12	cps
Erbium	164-1	192	125	142	153	22.71	cps
Erbium	164-2	87	83	77	82	6.19	cps
Gadolinium	160-1	383	300	342	342	12.20	cps
Gadolinium	160-2	390	343	337	357	8.15	cps
Holmium	165-1	20837291	20683276	20935910	20818826	0.61	cps
Holmium	165-2	10277898	10255016	10357496	10296804	0.52	cps
Indium	115-1	15532172	15573655	15610141	15571989	0.25	cps
Indium	115-2	2941673	2936727	2963533	2947311	0.48	cps
Iron	56-2	615463392	612884125	617705014	615350843	0.39	cps
Iron	57-2	15076225	15015919	15103034	15065059	0.30	cps
Krypton	83-1	617	717	630	654	8.30	cps
Lead	206-1	6774189	6772494	6856873	6801185	0.71	cps
Lead	207-1	5835492	5841410	6074290	5917064	2.30	cps
Lead	208-1	26850385	26814781	27225523	26963563	0.84	cps
Lithium	6-1	6207428	6279158	6243244	6243277	0.57	cps
Magnesium	24-2	122437124	122334178	122249019	122340107	0.08	cps

LB Number :	LB98797	Operator :	Jaswal
Lab Sample ID :	CCV61	Instrumnet Name :	P7
Client Sample ID :	CCV61	Dilution Factor :	1
Date & Time Acquired ::	2018-10-23 17:16:28	DataFile Name :	032CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	3366233	3377202	3403751	3382395	0.57	cps
Molybdenum	94-1	18168259	18359464	18295185	18274303	0.53	cps
Molybdenum	95-1	22205144	22260978	22333226	22266449	0.29	cps
Molybdenum	96-1	24539635	24455482	24571905	24522341	0.25	cps
Molybdenum	97-1	13780099	13816807	13833585	13810164	0.20	cps
Molybdenum	98-1	35743094	35936363	35668306	35782588	0.39	cps
Neodymium	150-1	1253	987	1093	1111	12.08	cps
Neodymium	150-2	160	190	137	162	16.48	cps
Nickel	60-2	1250956	1243726	1249642	1248108	0.31	cps
Phosphorus	31-2	121827	124356	121676	122620	1.23	cps
Potassium	39-2	53606612	53976795	53935726	53839711	0.38	cps
Rhodium	103-1	14046673	14003406	14006042	14018707	0.17	cps
Rhodium	103-2	6685203	6593715	6674574	6651164	0.75	cps
Scandium	45-1	11358633	11337173	11426294	11374033	0.41	cps
Scandium	45-2	488511	491764	500234	493503	1.23	cps
Selenium	77-2	8306	8379	8396	8360	0.57	cps
Selenium	78-2	28281	28348	29157	28595	1.70	cps
Selenium	82-1	189406	190549	191914	190623	0.66	cps
Silicon	28-1	7362611	7462115	7510829	7445185	1.01	cps
Silver	109-1	10450666	10373999	10476940	10433868	0.51	cps
Silver	107-1	10897593	10936457	11066247	10966766	0.81	cps
Sodium	23-2	232860739	232347322	233046297	232751452	0.16	cps
Strontium	86-1	2894422	2943190	2961221	2932944	1.18	cps
Strontium	88-1	25436257	25618398	25852430	25635695	0.81	cps
Sulfur	34-1	1926344	1944599	1934409	1935117	0.47	cps
Terbium	159-1	21083822	21220702	21267610	21190711	0.45	cps
Terbium	159-2	10145832	10055133	10185016	10128660	0.66	cps
Thallium	203-1	8364465	8394276	8465400	8408047	0.62	cps
Thallium	205-1	20138259	20130521	20237144	20168641	0.29	cps
Thorium	232-1	29534819	29533650	29682228	29583566	0.29	cps
Tin	118-1	7176725	7290726	7235625	7234359	0.79	cps
Titanium	47-1	6891726	6933490	6994295	6939837	0.74	cps
Uranium	238-1	27822962	27966643	27868429	27886011	0.26	cps
Vanadium	51-2	2325855	2337814	2354077	2339249	0.61	cps
Yttrium	89-1	16798306	16783922	17009436	16863888	0.75	cps
Yttrium	89-2	2339972	2318957	2344107	2334345	0.58	cps

LB Number :	LB98797	Operator :	Jaswal
Lab Sample ID :	CCV61	Instrumnet Name :	P7
Client Sample ID :	CCV61	Dilution Factor :	1
Date & Time Acquired ::	2018-10-23 17:16:28	DataFile Name :	032CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zinc	66-2	987212	989663	985867	987581	0.19	cps
Zirconium	90-1	15542636	15452896	15624782	15540105	0.55	cps
Zirconium	91-1	3355180	3383238	3408786	3382401	0.79	cps

LB Number :	LB98797	Operator :	Jaswal
Lab Sample ID :	CCB61	Instrumnet Name :	P7
Client Sample ID :	CCB61	Dilution Factor :	1
Date & Time Acquired ::	2018-10-23 17:21:57	DataFile Name :	033CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	442	467	283	397	25.03	cps
Antimony	121-1	2059	2484	2200	2248	9.63	cps
Arsenic	75-2	20	37	35	31	29.60	cps
Barium	135-1	250	433	250	311	34.03	cps
Barium	137-1	575	658	475	570	16.12	cps
Beryllium	9-1	289	272	278	280	3.04	cps
Bismuth	209-1	13909153	14026659	13968352	13968054	0.42	cps
Bismuth	209-2	7813490	7914790	7896867	7875049	0.69	cps
Boron	10-1	8961	8695	8244	8633	4.20	cps
Boron	11-1	43288	39018	39687	40664	5.65	cps
Cadmium	111-1	5794	5988	5932	5905	1.69	cps
Cadmium	106-1	8211	8453	8394	8353	1.51	cps
Cadmium	108-1	17	29	33	26	32.86	cps
Calcium	43-1	592	675	550	606	10.51	cps
Calcium	44-1	17887	18612	18729	18409	2.48	cps
Chromium	52-2	1120	1030	1023	1058	5.10	cps
Cobalt	59-2	193	160	190	181	10.14	cps
Copper	63-2	967	927	953	949	2.15	cps
Dysprosium	156-1	0	8	17	8	100.02	cps
Dysprosium	156-2	7	3	7	6	34.70	cps
Erbium	164-1	42	83	33	53	50.76	cps
Erbium	164-2	17	23	40	27	45.07	cps
Gadolinium	160-1	183	208	192	194	6.55	cps
Gadolinium	160-2	260	347	333	313	14.89	cps
Holmium	165-1	21266521	21475620	21457731	21399957	0.54	cps
Holmium	165-2	10649981	10760274	10617796	10676017	0.70	cps
Indium	115-1	17251803	17389937	17316577	17319439	0.40	cps
Indium	115-2	3194717	3223339	3234714	3217590	0.64	cps
Iron	56-2	22406	21972	21900	22093	1.24	cps
Iron	57-2	611	611	589	604	2.12	cps
Krypton	83-1	627	663	737	676	8.29	cps
Lead	206-1	1289	1433	1272	1332	6.66	cps
Lead	207-1	1072	1100	1028	1067	3.42	cps
Lead	208-1	5012	5178	4745	4978	4.39	cps
Lithium	6-1	6671266	6681406	6674647	6675773	0.08	cps
Magnesium	24-2	2617	2534	2642	2598	2.18	cps

LB Number :	LB98797	Operator :	Jaswal
Lab Sample ID :	CCB61	Instrumnet Name :	P7
Client Sample ID :	CCB61	Dilution Factor :	1
Date & Time Acquired ::	2018-10-23 17:21:57	DataFile Name :	033CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	143	170	160	158	8.54	cps
Molybdenum	94-1	2000	1809	1942	1917	5.13	cps
Molybdenum	95-1	2125	2100	1850	2025	7.51	cps
Molybdenum	96-1	2484	2459	2209	2384	6.38	cps
Molybdenum	97-1	1333	1125	1158	1206	9.28	cps
Molybdenum	98-1	3851	3267	2875	3331	14.73	cps
Neodymium	150-1	0	7	7	4	86.60	cps
Neodymium	150-2	0	3	7	3	100.05	cps
Nickel	60-2	243	283	220	249	12.87	cps
Phosphorus	31-2	117	183	250	183	36.36	cps
Potassium	39-2	46072	46165	45672	45970	0.57	cps
Rhodium	103-1	16064559	16222670	16233609	16173613	0.58	cps
Rhodium	103-2	7681677	7735897	7678181	7698585	0.42	cps
Scandium	45-1	11842420	11970432	11996095	11936316	0.69	cps
Scandium	45-2	502745	508954	506640	506113	0.62	cps
Selenium	77-2	3	3	7	4	43.40	cps
Selenium	78-2	96	81	106	94	12.86	cps
Selenium	82-1	51	35	-49	13	430.63	cps
Silicon	28-1	398561	397321	394110	396664	0.58	cps
Silver	109-1	908	858	858	875	3.30	cps
Silver	107-1	858	975	1017	950	8.64	cps
Sodium	23-2	69151	67444	66933	67843	1.71	cps
Strontium	86-1	1042	1100	1108	1083	3.35	cps
Strontium	88-1	775	850	658	761	12.69	cps
Sulfur	34-1	729526	739339	741710	736858	0.88	cps
Terbium	159-1	21753925	22047692	22009520	21937046	0.73	cps
Terbium	159-2	10461776	10627898	10476195	10521956	0.87	cps
Thallium	203-1	1058	1100	983	1047	5.65	cps
Thallium	205-1	2150	2492	2234	2292	7.77	cps
Thorium	232-1	3217	3462	3395	3358	3.76	cps
Tin	118-1	1842	1584	1617	1681	8.36	cps
Titanium	47-1	442	367	300	369	19.18	cps
Uranium	238-1	533	633	658	608	10.87	cps
Vanadium	51-2	77	53	63	64	18.17	cps
Yttrium	89-1	17650425	17877423	17699578	17742475	0.67	cps
Yttrium	89-2	2404320	2442666	2428264	2425083	0.80	cps

LB Number :	LB98797	Operator :	Jaswal
Lab Sample ID :	CCB61	Instrumnet Name :	P7
Client Sample ID :	CCB61	Dilution Factor :	1
Date & Time Acquired ::	2018-10-23 17:21:57	DataFile Name :	033CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zinc	66-2	2614	2587	2740	2647	3.10	cps
Zirconium	90-1	2642	2375	2275	2431	7.80	cps
Zirconium	91-1	542	400	492	478	15.04	cps