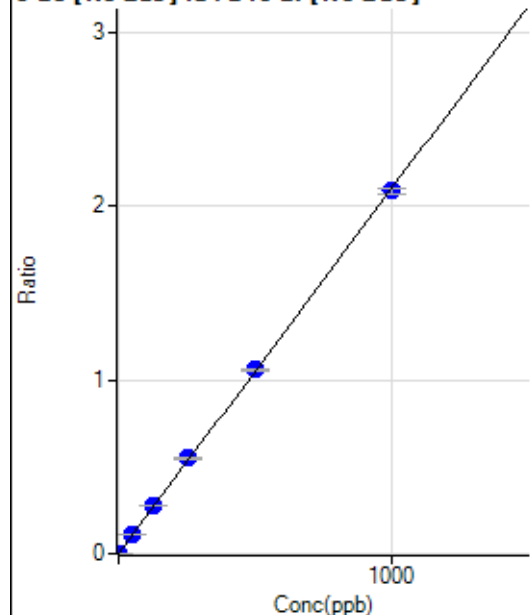


Batch Folder: D:\P8041619MS.b\
Analysis File: P8041619MS.batch.bin
DA Date-Time: 2019-04-16 18:17:27
Calibration Title:
Calibration Method: External Calibration
VIS Interpolation Fit:

Level	Standard Data File	Sample Name	Acq. Date-Time
1	003CALB.d	S00	2019-04-16 14:59:07
2			
3	005CALS.d	S02	2019-04-16 15:06:36
4	006CALS.d	S03	2019-04-16 15:10:30
5	007CALS.d	S04	2019-04-16 15:14:23
6	008CALS.d	S05	2019-04-16 15:18:13
7	009CALS.d	S06	2019-04-16 15:21:56
8	010CALS.d	S07	2019-04-16 15:25:34
9	011CALS.d	S08	2019-04-16 15:29:03

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐	0.000	0.000	24.45	0.0002	P	43.9
2	☐	0.100					
3	☐	1.000	0.861	218.90	0.0020	P	5.1
4	☐	50.000	54.407	12942.71	0.1146	P	1.7
5	☐	125.000	131.297	34831.22	0.2761	P	1.3
6	☐	250.000	261.662	73542.31	0.5501	P	0.9
7	☐	500.000	503.839	152931.91	1.0590	P	1.7
8	☐	1000.000	994.158	312146.17	2.0894	P	1.7
9	☐			60.00	0.0004	P	24.7

$$y = 0.0021 * x + 2.2106E-004$$

$$R = 0.9999$$

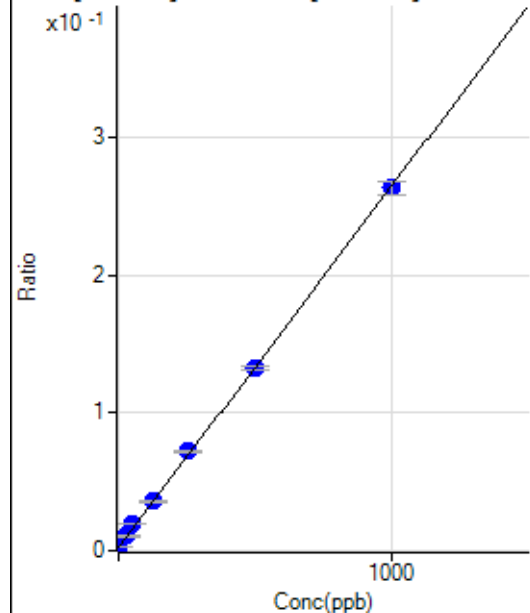
$$DL = 0.1385$$

$$BEC = 0.1052$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐	0.000	0.000	255.57	0.0023	P	11.5
2	☐	2.500					
3	☐	25.000	32.276	1161.22	0.0108	P	8.3
4	☐	50.000	66.722	2236.39	0.0198	P	4.0
5	☐	125.000	127.653	4512.03	0.0358	P	1.6
6	☐	250.000	265.870	9625.93	0.0720	P	2.9
7	☐	500.000	497.803	19188.60	0.1328	P	2.1
8	☐	1000.000	995.782	39352.69	0.2633	P	4.0
9	☐			1016.74	0.0067	P	2.3

$$y = 2.6214E-004 * x + 0.0023$$

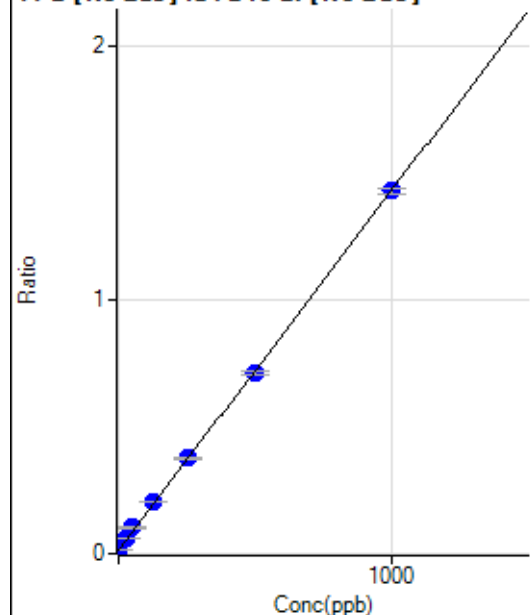
$$R = 0.9998$$

$$DL = 3.043$$

$$BEC = 8.812$$

Weight: <None>

Min Conc: 0

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

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐	0.000	0.000	1477.92	0.0134	P	12.9
2	☐	2.500					
3	☐	25.000	33.114	6501.75	0.0602	P	8.9
4	☐	50.000	62.792	11544.03	0.1022	P	5.2
5	☐	125.000	135.344	25843.84	0.2049	P	2.0
6	☐	250.000	256.113	50234.29	0.3757	P	1.0
7	☐	500.000	493.848	102831.06	0.7121	P	2.1
8	☐	1000.000	999.412	213271.37	1.4274	P	1.5
9	☐			5192.84	0.0344	P	7.2

$$y = 0.0014 * x + 0.0134$$

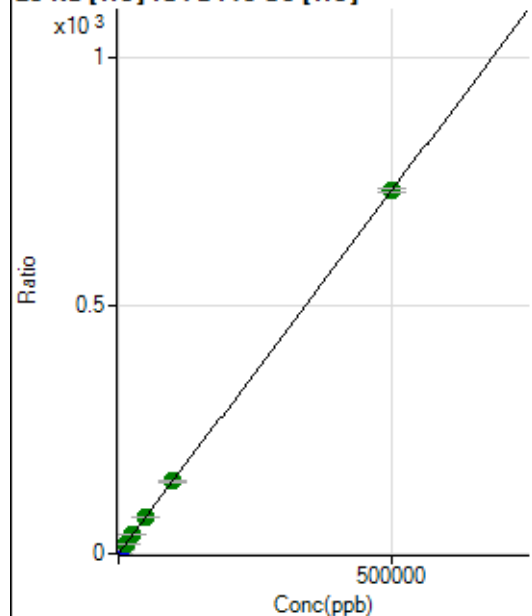
$$R = 0.9999$$

$$DL = 3.65$$

$$BEC = 9.451$$

Weight: <None>

Min Conc: 0

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

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐	0.000	0.000	8600.21	0.1190	P	2.7
2	☐	50.000					
3	☐	500.000	447.736	55196.95	0.7729	P	0.7
4	☐	5000.000	5213.611	559353.43	7.7328	P	2.5
5	☐	12500.000	13084.605	1422087.22	19.2273	A	1.1
6	☐	25000.000	25928.147	2836110.22	37.9835	A	0.1
7	☐	50000.000	50028.869	5534293.48	73.1794	A	2.1
8	☐	100000.00	99756.726	10981518.39	145.8002	A	1.5
9	☐	500000.00	499982.66	55996188.06	730.2761	A	1.2

$$y = 0.0015 * x + 0.1190$$

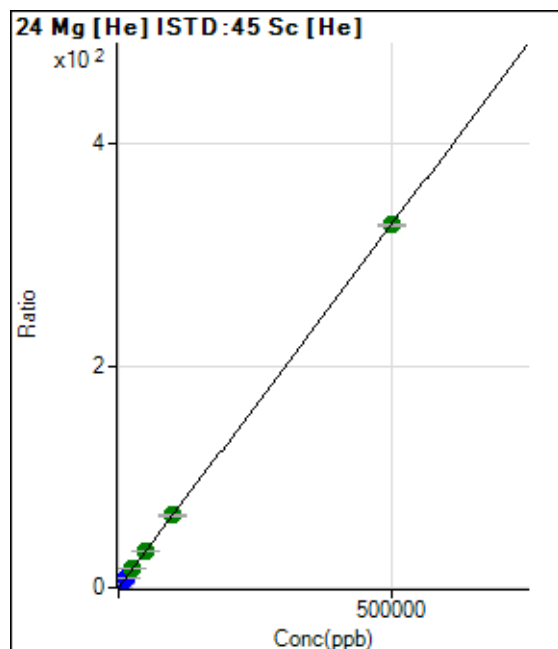
$$R = 1.0000$$

$$DL = 6.576$$

$$BEC = 81.48$$

Weight: <None>

Min Conc: 0



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐	0.000	0.000	52.78	0.0007	P	40.8
2	☐	50.000					
3	☐	500.000	475.272	22254.30	0.3116	P	4.0
4	☐	5000.000	5322.829	251922.21	3.4826	P	2.3
5	☐	12500.000	13041.833	631038.78	8.5319	P	0.9
6	☐	25000.000	26122.588	1275926.59	17.0886	A	0.9
7	☐	50000.000	51003.914	2523406.74	33.3644	A	1.1
8	☐	100000.00	100483.50	4950452.59	65.7310	A	2.4
9	☐	500000.00	499730.02	25063882.33	326.8943	A	0.2

$$y = 6.5414\text{E-}004 * x + 7.3238\text{E-}004$$

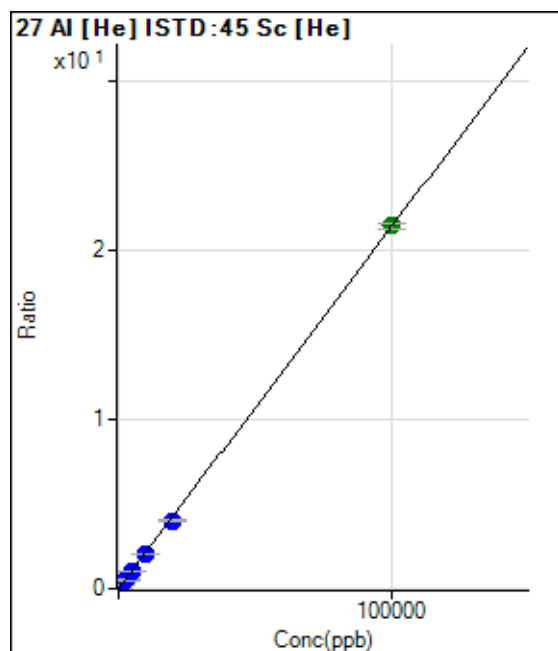
$$R = 1.0000$$

$$DL = 1.369$$

$$BEC = 1.12$$

Weight: <None>

Min Conc: 0



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐	0.000	0.000	94.19	0.0013	P	28.4
2	☐	2.000					
3	☐	20.000	17.945	366.77	0.0051	P	3.1
4	☐	1000.000	995.015	15454.89	0.2136	P	2.3
5	☐	2500.000	2398.750	37955.02	0.5132	P	1.1
6	☐	5000.000	4751.820	75807.22	1.0153	P	0.8
7	☐	10000.000	9388.976	151633.16	2.0048	P	0.5
8	☐	20000.000	18841.362	302933.12	4.0218	P	0.9
9	☐	100000.00	100307.82	1641137.64	21.4058	A	1.3

$$y = 2.1339\text{E-}004 * x + 0.0013$$

$$R = 0.9999$$

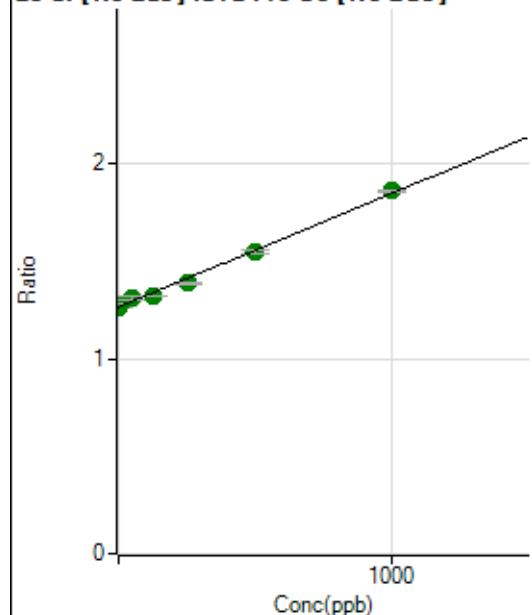
$$DL = 5.22$$

$$BEC = 6.119$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐	0.000	0.000	3221588.22	1.2646	A	0.9
2	☐	1.000					
3	☐	10.000	29.877	3247401.94	1.2820	A	0.2
4	☐	50.000	78.254	3318991.87	1.3101	A	0.8
5	☐	125.000	94.706	3465834.15	1.3197	A	0.5
6	☐	250.000	206.507	3691092.66	1.3847	A	0.5
7	☐	500.000	482.917	4146197.40	1.5455	A	0.9
8	☐	1000.000	1021.590	5043228.06	1.8588	A	0.8
9	☐			3458581.02	1.2567	A	1.0

$$y = 5.8170\text{E-}004 * x + 1.2646$$

$$R = 0.9971$$

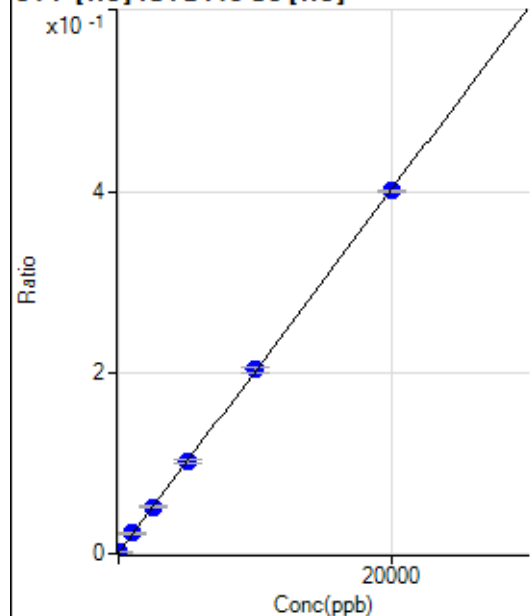
$$DL = 58.26$$

$$BEC = 2174$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐	0.000	-22.455	33.34	0.0005	P	65.9
2	☐	0.000					
3	☐	0.000	22.455	97.23	0.0014	P	42.3
4	☐	1000.000	1103.793	1666.84	0.0230	P	7.8
5	☐	2500.000	2531.742	3822.92	0.0517	P	5.0
6	☐	5000.000	5038.990	7613.50	0.1020	P	3.1
7	☐	10000.000	10105.482	15395.11	0.2036	P	2.9
8	☐	20000.000	19928.354	30172.11	0.4005	P	0.2
9	☐			75.00	0.0010	P	12.0

$$y = 2.0054\text{E-}005 * x + 9.1076\text{E-}004$$

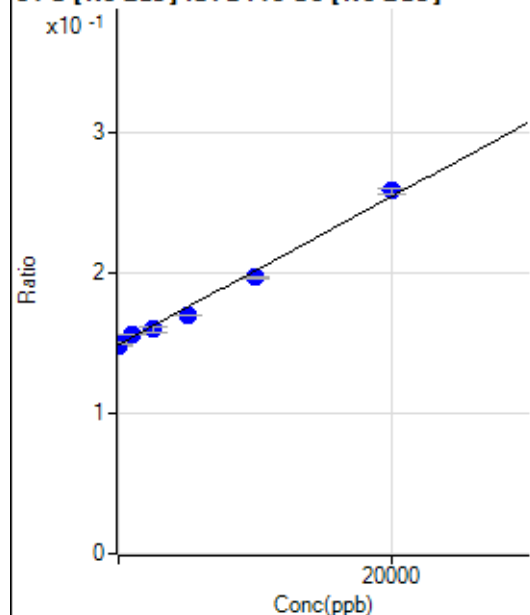
$$R = 1.0000$$

$$DL = 65.74$$

$$BEC = 45.42$$

Weight: <None>

Min Conc: 0

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

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐	0.000	-257.140	375626.19	0.1474	P	0.4
2	☐	0.000					
3	☐	0.000	257.140	380338.83	0.1501	P	1.2
4	☐	1000.000	1360.494	395110.07	0.1560	P	0.8
5	☐	2500.000	2067.705	419322.39	0.1597	P	2.3
6	☐	5000.000	4024.022	453123.40	0.1700	P	0.2
7	☐	10000.000	9044.360	526991.19	0.1964	P	0.6
8	☐	20000.000	20757.827	700285.74	0.2581	P	1.4
9	☐			353894.73	0.1286	P	1.1

$$y = 5.2665\text{E-}006 * x + 0.1488$$

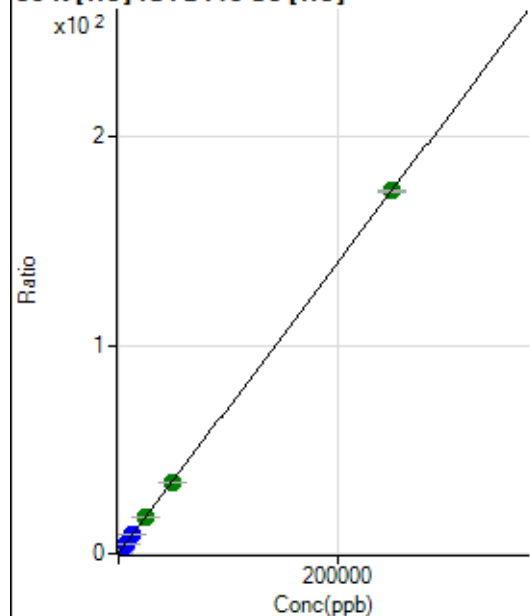
$$R = 0.9963$$

$$DL = 710.5$$

$$BEC = 2.825\text{E}+04$$

Weight: <None>

Min Conc: 0

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

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐	0.000	0.000	18746.60	0.2594	P	3.1
2	☐	50.000					
3	☐	500.000	428.111	39779.15	0.5570	P	0.5
4	☐	2500.000	2550.563	147002.91	2.0322	P	2.5
5	☐	6250.000	6212.072	338551.15	4.5772	P	0.9
6	☐	12500.000	12334.196	659493.28	8.8326	P	0.7
7	☐	25000.000	24539.480	1309587.74	17.3161	A	1.8
8	☐	50000.000	49198.766	2595407.70	34.4561	A	0.4
9	☐	250000.00	250215.17	13354487.88	174.1773	A	0.5

$$y = 6.9507\text{E-}004 * x + 0.2594$$

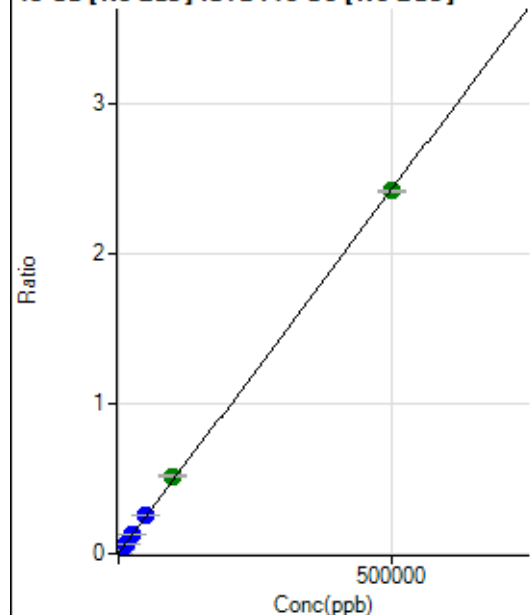
$$R = 1.0000$$

$$DL = 34.27$$

$$BEC = 373.2$$

Weight: <None>

Min Conc: 0

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐	0.000	0.000	5881.33	0.0023	P	2.3
2	☐	50.000					
3	☐	500.000	433.871	11186.83	0.0044	P	0.5
4	☐	5000.000	5418.231	72521.43	0.0286	P	1.3
5	☐	12500.000	13099.289	173146.51	0.0659	P	1.7
6	☐	25000.000	26121.037	344356.41	0.1292	P	0.6
7	☐	50000.000	52553.023	691023.76	0.2576	P	0.2
8	☐	100000.00	106515.61	1409931.24	0.5197	A	1.0
9	☐	500000.00	498366.42	6668714.00	2.4230	A	0.7

$$y = 4.8572\text{E-}006 * x + 0.0023$$

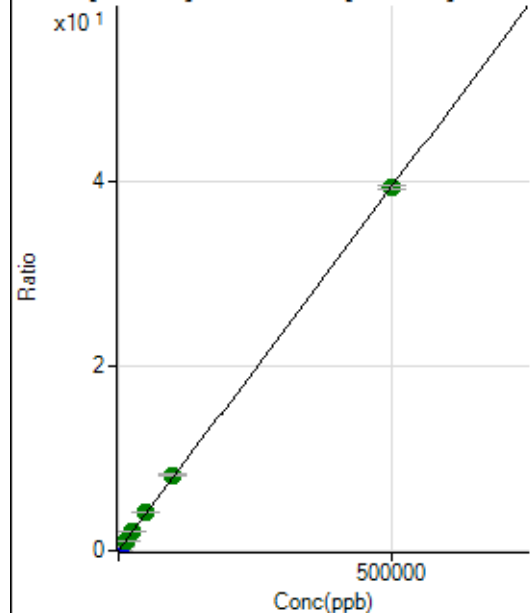
$$R = 0.9999$$

$$DL = 32.14$$

$$BEC = 475.3$$

Weight: <None>

Min Conc: 0

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐	0.000	0.000	58418.69	0.0229	P	0.8
2	☐	50.000					
3	☐	500.000	465.334	150788.48	0.0595	P	0.5
4	☐	5000.000	5454.701	1144857.05	0.4519	P	0.3
5	☐	12500.000	13229.801	2792344.85	1.0633	A	1.9
6	☐	25000.000	25905.561	5491680.82	2.0602	A	0.2
7	☐	50000.000	52266.875	11089437.61	4.1333	A	0.7
8	☐	100000.00	104196.97	22293458.00	8.2171	A	1.3
9	☐	500000.00	498865.88	108035559.5	39.2545	A	1.1

$$y = 7.8642\text{E-}005 * x + 0.0229$$

$$R = 1.0000$$

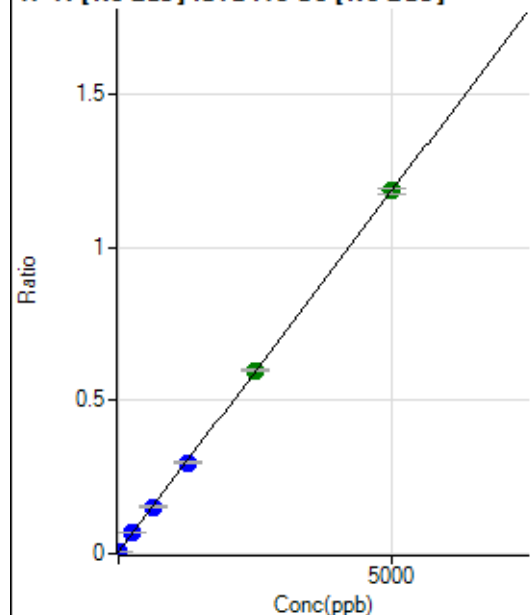
$$DL = 6.63$$

$$BEC = 291.6$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐	0.000	0.000	16516.01	0.0065	P	3.7
2	☐	0.500					
3	☐	5.000	4.786	19280.70	0.0076	P	2.2
4	☐	250.000	256.102	169449.78	0.0669	P	0.9
5	☐	625.000	618.321	399956.78	0.1523	P	2.3
6	☐	1250.000	1235.465	793980.33	0.2979	P	0.5
7	☐	2500.000	2507.459	1603923.96	0.5978	A	0.9
8	☐	5000.000	5000.434	3217097.75	1.1858	A	1.6
9	☐			16941.40	0.0062	P	2.9

$$y = 2.3584E-004 * x + 0.0065$$

$$R = 1.0000$$

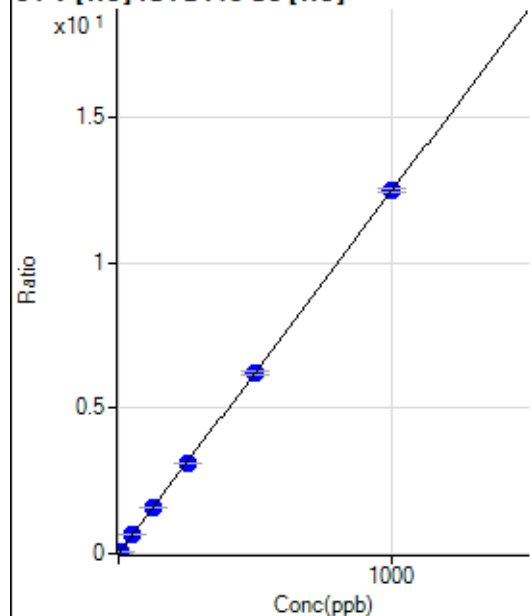
$$DL = 3.053$$

$$BEC = 27.49$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐	0.000	0.000	86.67	0.0012	P	26.4
2	☐	0.500					
3	☐	5.000	4.719	4281.83	0.0600	P	0.3
4	☐	50.000	51.386	46365.78	0.6409	P	1.8
5	☐	125.000	125.832	115950.81	1.5677	P	0.7
6	☐	250.000	249.130	231658.67	3.1026	P	1.0
7	☐	500.000	498.280	469230.18	6.2043	P	1.4
8	☐	1000.000	1000.906	938640.61	12.4615	P	0.9
9	☐			196.67	0.0026	P	13.6

$$y = 0.0124 * x + 0.0012$$

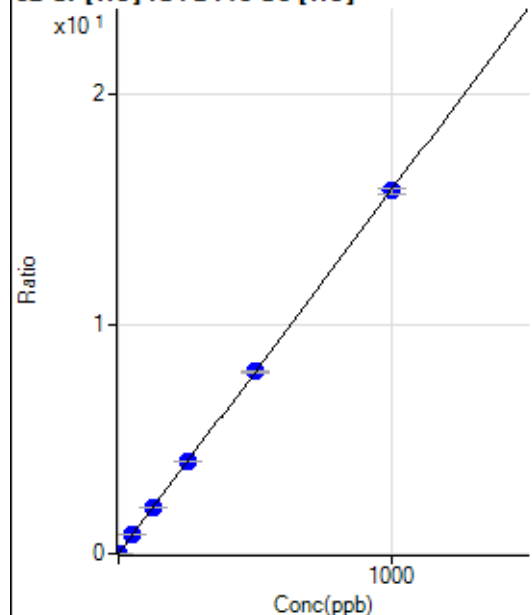
$$R = 1.0000$$

$$DL = 0.07622$$

$$BEC = 0.0963$$

Weight: <None>

Min Conc: 0

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

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐	0.000	0.000	526.69	0.0073	P	6.8
2	☐	0.200					
3	☐	2.000	1.824	2584.74	0.0362	P	5.7
4	☐	50.000	52.680	60895.38	0.8417	P	1.4
5	☐	125.000	128.138	150656.23	2.0369	P	0.4
6	☐	250.000	254.615	301666.64	4.0402	P	0.0
7	☐	500.000	501.313	601087.50	7.9476	P	1.2
8	☐	1000.000	997.664	1190766.41	15.8094	P	1.3
9	☐			5735.72	0.0748	P	2.5

$$y = 0.0158 * x + 0.0073$$

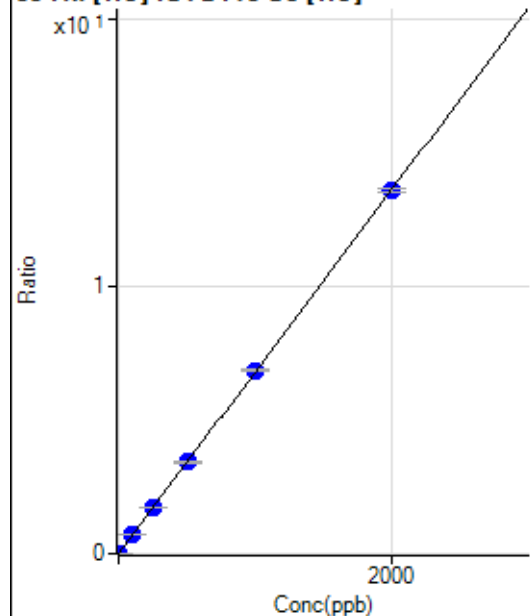
$$R = 1.0000$$

$$DL = 0.09433$$

$$BEC = 0.4603$$

Weight: <None>

Min Conc: 0

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

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐	0.000	0.000	25.56	0.0004	P	8.3
2	☐	0.100					
3	☐	1.000	1.019	520.02	0.0073	P	10.5
4	☐	100.000	105.398	51864.99	0.7170	P	2.1
5	☐	250.000	254.142	127829.88	1.7283	P	0.2
6	☐	500.000	503.483	255616.29	3.4235	P	1.1
7	☐	1000.000	1005.578	517118.49	6.8372	P	1.0
8	☐	2000.000	1995.552	1021951.57	13.5680	P	1.2
9	☐			2862.57	0.0373	P	2.2

$$y = 0.0068 * x + 3.5382E-004$$

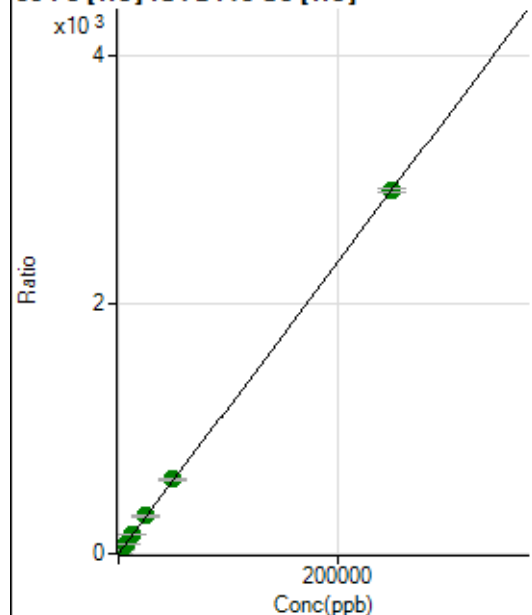
$$R = 1.0000$$

$$DL = 0.01294$$

$$BEC = 0.05204$$

Weight: <None>

Min Conc: 0

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

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐	0.000	0.000	1866.85	0.0258	P	3.1
2	☐	5.000					
3	☐	50.000	50.167	43616.90	0.6107	P	0.7
4	☐	2500.000	2747.359	2318992.33	32.0556	A	1.9
5	☐	6250.000	6577.419	5673700.01	76.7079	A	0.2
6	☐	12500.000	13003.803	11321410.32	151.6291	A	1.0
7	☐	25000.000	25815.104	22764012.78	300.9881	A	1.2
8	☐	50000.000	50985.703	44774643.13	594.4366	A	1.0
9	☐	250000.00	249685.50	223176629.0	2,910.954	A	1.1

$$y = 0.0117 * x + 0.0258$$

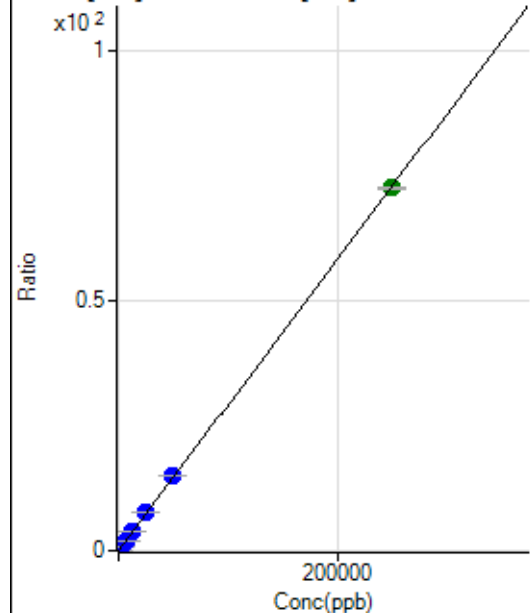
$$R = 1.0000$$

$$DL = 0.2044$$

$$BEC = 2.216$$

Weight: <None>

Min Conc: 0

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

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐	0.000	0.000	214.82	0.0030	P	17.5
2	☐	5.000					
3	☐	50.000	48.416	1216.76	0.0170	P	7.7
4	☐	2500.000	2741.913	57816.77	0.7993	P	2.7
5	☐	6250.000	6600.718	142009.85	1.9200	P	1.0
6	☐	12500.000	13038.845	282972.51	3.7899	P	1.3
7	☐	25000.000	25977.221	570835.28	7.5476	P	1.2
8	☐	50000.000	51665.533	1130429.44	15.0083	P	1.2
9	☐	250000.00	249531.04	5556488.49	72.4746	A	0.8

$$y = 2.9043E-004 * x + 0.0030$$

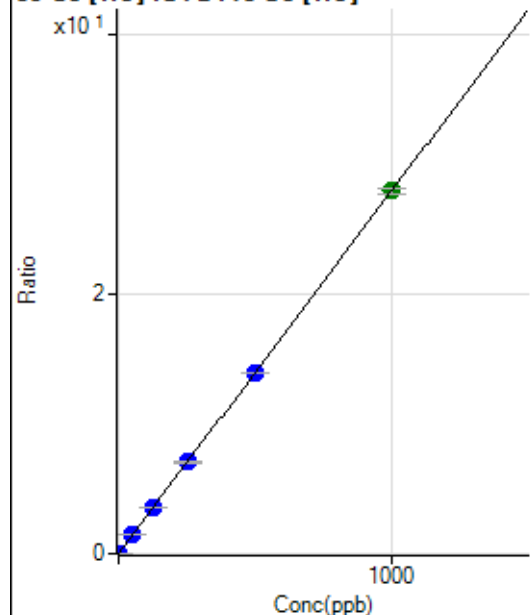
$$R = 1.0000$$

$$DL = 5.381$$

$$BEC = 10.25$$

Weight: <None>

Min Conc: 0

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

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐	0.000	0.000	107.78	0.0015	P	27.3
2	☐	0.100					
3	☐	1.000	0.901	1901.28	0.0266	P	3.7
4	☐	50.000	52.618	106288.15	1.4694	P	2.8
5	☐	125.000	127.330	262848.72	3.5538	P	0.7
6	☐	250.000	252.035	525114.86	7.0328	P	0.6
7	☐	500.000	497.159	1049163.63	13.8714	P	0.5
8	☐	1000.000	1000.490	2102493.30	27.9134	A	1.4
9	☐			23875.09	0.3114	P	0.7

$$y = 0.0279 * x + 0.0015$$

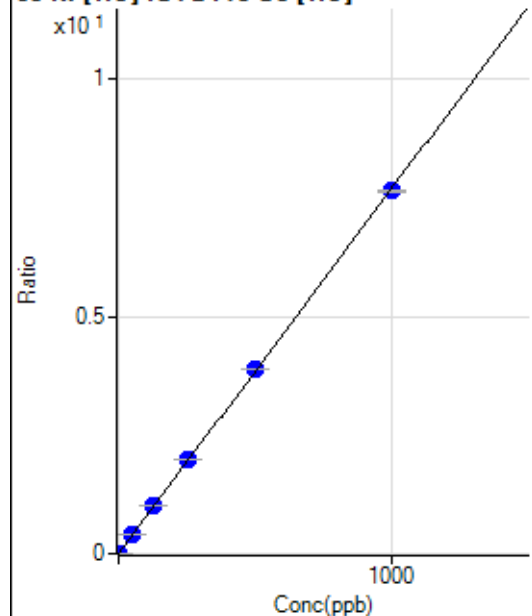
$$R = 1.0000$$

$$DL = 0.0439$$

$$BEC = 0.05356$$

Weight: <None>

Min Conc: 0

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

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐	0.000	0.000	38.89	0.0005	P	12.1
2	☐	0.100					
3	☐	1.000	0.883	523.35	0.0073	P	0.5
4	☐	50.000	53.768	29959.11	0.4141	P	1.2
5	☐	125.000	130.424	74233.41	1.0037	P	1.2
6	☐	250.000	257.632	147988.37	1.9820	P	1.5
7	☐	500.000	505.633	294192.23	3.8895	P	0.4
8	☐	1000.000	994.409	576127.70	7.6488	P	0.8
9	☐			6290.42	0.0820	P	1.2

$$y = 0.0077 * x + 5.3767E-004$$

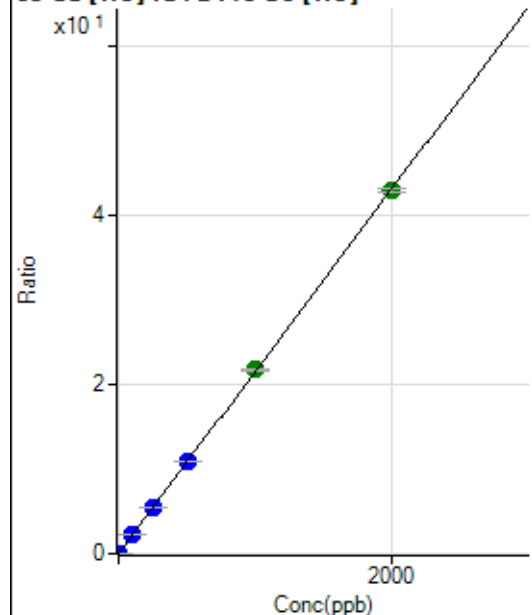
$$R = 0.9999$$

$$DL = 0.02541$$

$$BEC = 0.06991$$

Weight: <None>

Min Conc: 0

⁶³Cu [He] ISTD:45 Sc [He]

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐	0.000	0.000	460.02	0.0064	P	7.1
2	☐	0.200					
3	☐	2.000	1.820	3251.55	0.0455	P	4.6
4	☐	100.000	105.773	165123.08	2.2824	P	1.6
5	☐	250.000	257.430	410198.40	5.5459	P	0.4
6	☐	500.000	508.758	817885.98	10.9540	P	0.9
7	☐	1000.000	1010.317	1644755.74	21.7468	A	1.1
8	☐	2000.000	1991.435	3228248.70	42.8590	A	0.9
9	☐			4833.15	0.0630	P	3.6

$$y = 0.0215 * x + 0.0064$$

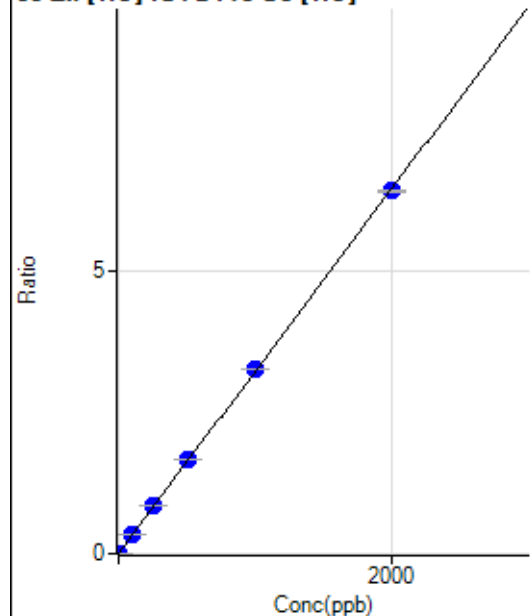
$$R = 1.0000$$

$$DL = 0.06339$$

$$BEC = 0.2959$$

Weight: <None>

Min Conc: 0

⁶⁶Zn [He] ISTD:45 Sc [He]

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐	0.000	0.000	200.00	0.0028	P	26.7
2	☐	0.200					
3	☐	2.000	1.747	600.02	0.0084	P	5.9
4	☐	100.000	108.082	25435.76	0.3515	P	0.4
5	☐	250.000	259.671	62177.68	0.8407	P	1.1
6	☐	500.000	515.062	124300.06	1.6647	P	0.7
7	☐	1000.000	1009.058	246481.21	3.2587	P	0.2
8	☐	2000.000	1990.093	483899.08	6.4243	P	0.7
9	☐			4197.38	0.0548	P	2.3

$$y = 0.0032 * x + 0.0028$$

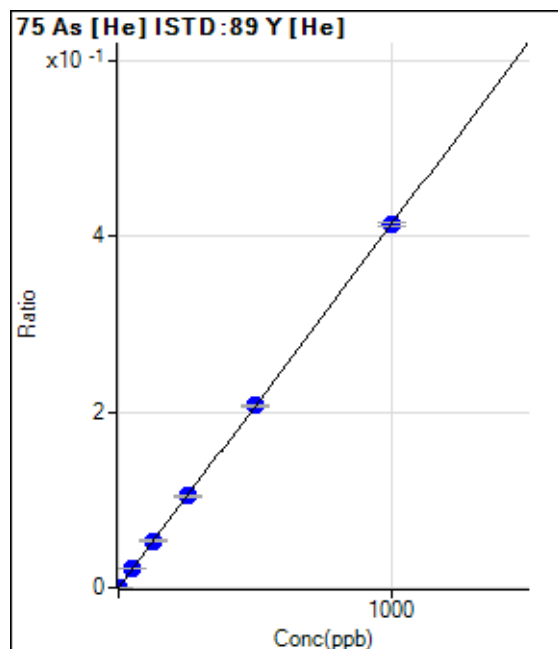
$$R = 0.9999$$

$$DL = 0.6862$$

$$BEC = 0.8562$$

Weight: <None>

Min Conc: 0



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐	0.000	0.000	11.11	0.0000	P	60.0
2	☐	0.100					
3	☐	1.000	0.901	187.66	0.0004	P	2.0
4	☐	50.000	51.813	10472.56	0.0215	P	1.2
5	☐	125.000	129.541	26600.96	0.0536	P	0.7
6	☐	250.000	251.821	52685.65	0.1042	P	0.6
7	☐	500.000	501.480	105475.59	0.2075	P	1.1
8	☐	1000.000	998.146	211512.81	0.4129	P	1.2
9	☐			333.96	0.0007	P	10.4

$$y = 4.1365\text{E-}004 * x + 2.2950\text{E-}005$$

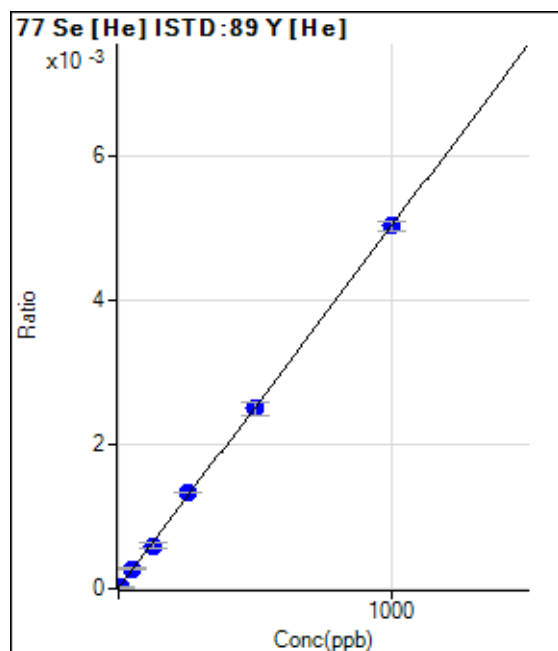
$$R = 1.0000$$

$$DL = 0.09993$$

$$BEC = 0.05548$$

Weight: <None>

Min Conc: 0



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐	0.000	0.000	3.33	0.0000	P	100.1
2	☐	0.500					
3	☐	5.000	2.813	10.00	0.0000	P	87.9
4	☐	50.000	53.820	135.56	0.0003	P	4.0
5	☐	125.000	116.541	294.45	0.0006	P	12.7
6	☐	250.000	264.111	675.59	0.0013	P	1.2
7	☐	500.000	494.981	1270.08	0.0025	P	6.6
8	☐	1000.000	999.859	2581.40	0.0050	P	2.8
9	☐			5.56	0.0000	P	91.0

$$y = 5.0325\text{E-}006 * x + 6.8831\text{E-}006$$

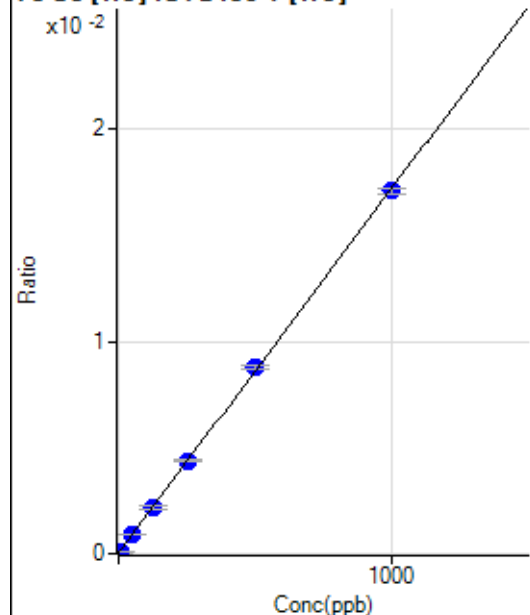
$$R = 0.9998$$

$$DL = 4.107$$

$$BEC = 1.368$$

Weight: <None>

Min Conc: 0

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

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐	0.000	0.000	17.90	0.0000	P	21.4
2	☐	0.500					
3	☐	5.000	4.518	54.32	0.0001	P	5.3
4	☐	50.000	50.090	437.67	0.0009	P	6.9
5	☐	125.000	122.191	1058.69	0.0021	P	8.8
6	☐	250.000	253.613	2219.34	0.0044	P	3.5
7	☐	500.000	510.805	4475.46	0.0088	P	1.3
8	☐	1000.000	994.043	8757.18	0.0171	P	1.3
9	☐			24.69	0.0000	P	21.7

$$y = 1.7160\text{E-}005 * x + 3.7004\text{E-}005$$

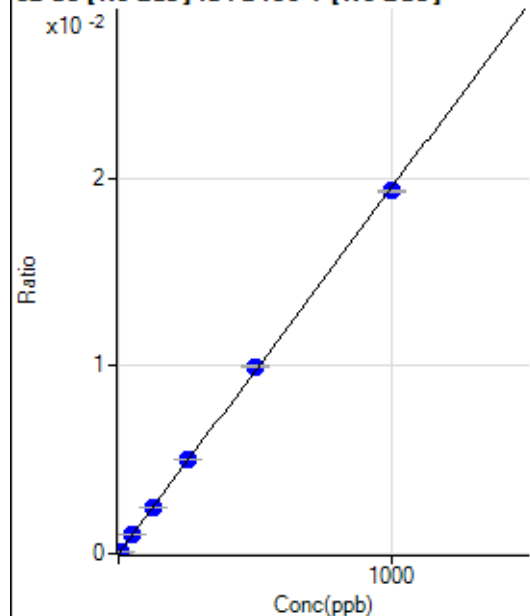
$$R = 0.9999$$

$$DL = 1.384$$

$$BEC = 2.156$$

Weight: <None>

Min Conc: 0

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

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐	0.000	0.000	-61.00	0.0000	P	-72.7
2	☐	0.500					
3	☐	5.000	5.661	380.88	0.0001	P	4.9
4	☐	50.000	52.625	4031.31	0.0010	P	1.5
5	☐	125.000	127.793	10274.48	0.0025	P	0.8
6	☐	250.000	256.272	21014.87	0.0050	P	0.5
7	☐	500.000	511.947	42010.18	0.0100	P	0.6
8	☐	1000.000	991.975	83455.68	0.0194	P	0.8
9	☐			-0.05	0.0000	P	-36676.

$$y = 1.9540\text{E-}005 * x - 1.5403\text{E-}005$$

$$R = 0.9999$$

$$DL = 1.72$$

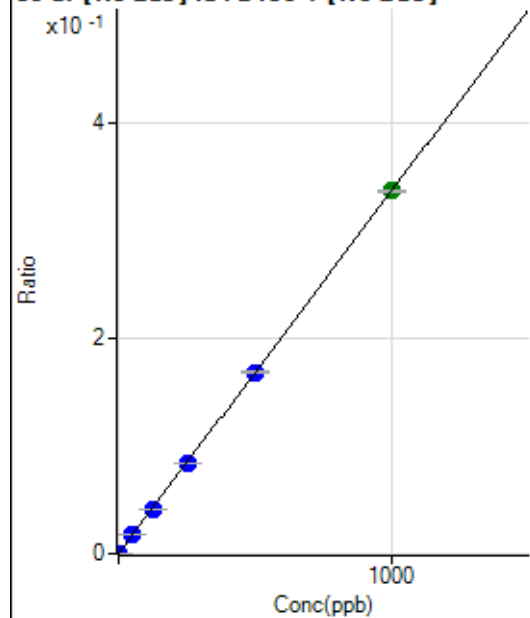
$$BEC = -0.7883$$

Weight: <None>

Min Conc: 0

83 Kr [No Gas] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐			551.14		P	5.5
2	☐						
3	☐			516.69		P	7.3
4	☐			548.91		P	4.6
5	☐			535.58		P	6.8
6	☐			526.69		P	4.6
7	☐			586.69		P	13.7
8	☐			568.91		P	7.6
9	☐			592.24		P	4.6

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐	0.000	0.000	775.06	0.0002	P	11.7
2	☐	0.100					
3	☐	1.000	0.989	2116.93	0.0005	P	8.4
4	☐	50.000	51.343	69575.38	0.0175	P	1.4
5	☐	125.000	123.427	172837.17	0.0417	P	1.0
6	☐	250.000	248.187	352553.89	0.0837	P	1.2
7	☐	500.000	500.412	709420.58	0.1687	P	0.6
8	☐	1000.000	1000.376	1452063.39	0.3370	A	0.7
9	☐			6404.60	0.0016	P	2.8

$$y = 3.3665E-004 * x + 1.9586E-004$$

$$R = 1.0000$$

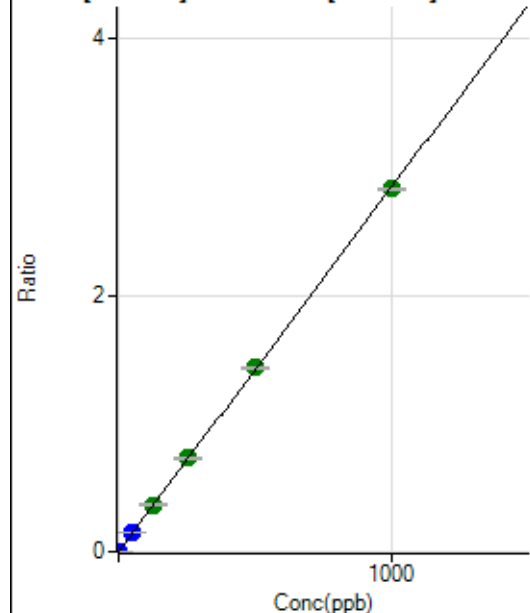
$$DL = 0.204$$

$$BEC = 0.5818$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐	0.000	0.000	116.67	0.0000	P	21.4
2	☐	0.100					
3	☐	1.000	0.868	9981.87	0.0025	P	4.3
4	☐	50.000	52.013	588663.31	0.1479	P	0.3
5	☐	125.000	129.030	1518815.06	0.3669	A	1.5
6	☐	250.000	256.055	3064687.20	0.7280	A	0.7
7	☐	500.000	504.989	6039232.51	1.4358	A	0.6
8	☐	1000.000	995.388	12195199.23	2.8300	A	0.3
9	☐			47690.42	0.0117	P	1.7

$$y = 0.0028 * x + 2.9490E-005$$

$$R = 1.0000$$

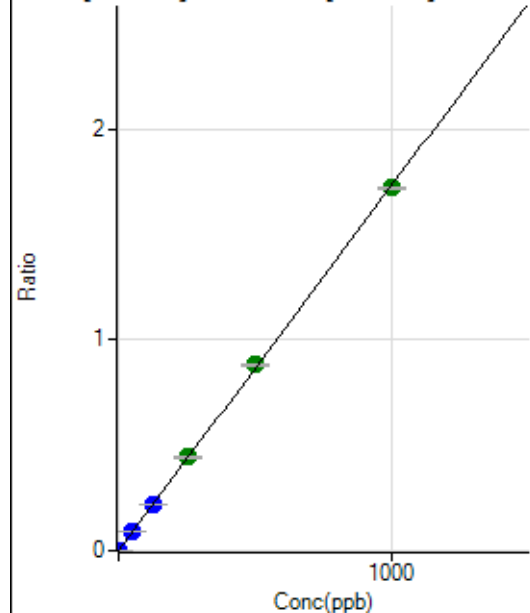
$$DL = 0.006669$$

$$BEC = 0.01037$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐	0.000	0.000	286.13	0.0001	P	2.4
2	☐	0.100					
3	☐	1.000	0.860	6240.60	0.0016	P	5.0
4	☐	50.000	51.475	354939.07	0.0892	P	0.8
5	☐	125.000	124.943	895775.35	0.2164	P	1.0
6	☐	250.000	256.009	1865980.60	0.4433	A	1.1
7	☐	500.000	508.945	3706132.16	0.8811	A	0.7
8	☐	1000.000	993.959	7415037.15	1.7208	A	0.4
9	☐			1833.55	0.0005	P	7.8

$$y = 0.0017 * x + 7.2345E-005$$

$$R = 0.9999$$

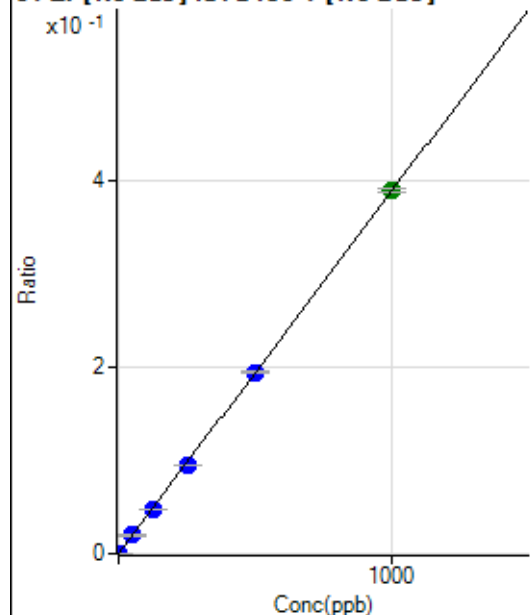
$$DL = 0.003039$$

$$BEC = 0.04179$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐	0.000	0.000	75.00	0.0000	P	22.6
2	☐	0.100					
3	☐	1.000	0.934	1522.37	0.0004	P	11.5
4	☐	50.000	50.611	78144.05	0.0196	P	1.5
5	☐	125.000	123.346	198000.05	0.0478	P	0.5
6	☐	250.000	245.066	399902.78	0.0950	P	0.2
7	☐	500.000	499.844	814895.80	0.1937	P	0.7
8	☐	1000.000	1001.488	1672544.66	0.3882	A	1.2
9	☐			480.59	0.0001	P	17.0

$$y = 3.8756E-004 * x + 1.8968E-005$$

$$R = 1.0000$$

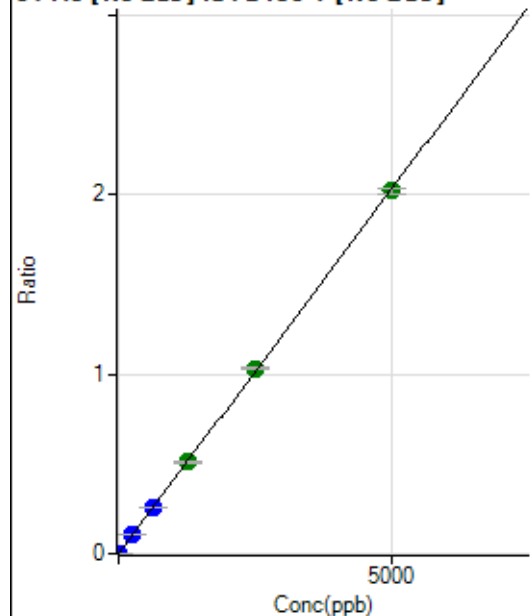
$$DL = 0.03318$$

$$BEC = 0.04894$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐	0.000	0.000	136.12	0.0000	P	4.4
2	☐	0.500					
3	☐	5.000	4.548	7524.70	0.0019	P	5.3
4	☐	250.000	259.700	420223.90	0.1056	P	0.7
5	☐	625.000	626.788	1054771.23	0.2548	P	1.5
6	☐	1250.000	1254.327	2146243.04	0.5098	A	0.6
7	☐	2500.000	2541.322	4344617.33	1.0329	A	0.7
8	☐	5000.000	4977.549	8717252.54	2.0231	A	1.6
9	☐			3000.47	0.0007	P	3.4

$$y = 4.0644E-004 * x + 3.4421E-005$$

$$R = 0.9999$$

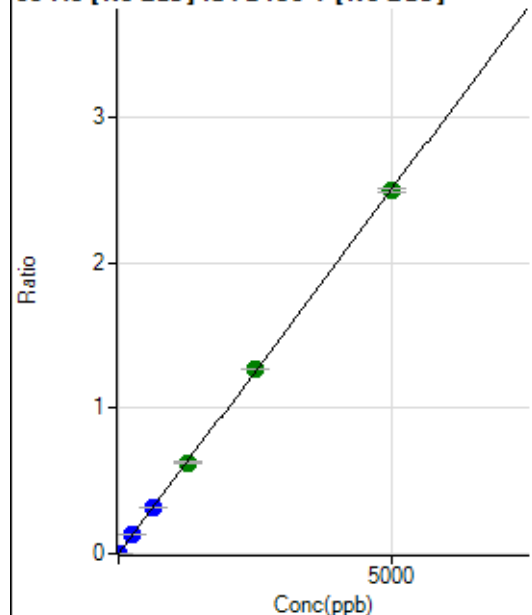
$$DL = 0.01126$$

$$BEC = 0.08469$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐	0.000	0.000	94.45	0.0000	P	31.7
2	☐	0.500					
3	☐	5.000	4.676	9464.82	0.0024	P	4.6
4	☐	250.000	256.008	510915.32	0.1284	P	0.5
5	☐	625.000	623.968	1295190.86	0.3128	P	1.0
6	☐	1250.000	1252.345	2643150.19	0.6279	A	1.3
7	☐	2500.000	2537.069	5350239.75	1.2720	A	0.6
8	☐	5000.000	4980.708	10759824.55	2.4971	A	1.2
9	☐			3972.98	0.0010	P	5.1

$$y = 5.0134\text{E-}004 * x + 2.3924\text{E-}005$$

$$R = 1.0000$$

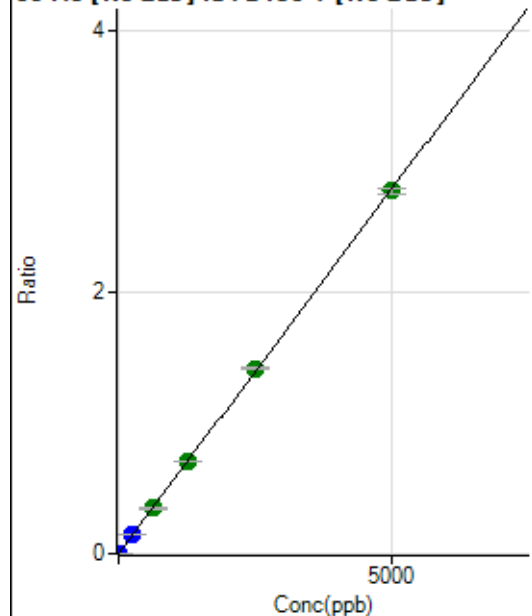
$$DL = 0.04542$$

$$BEC = 0.04772$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐	0.000	0.000	91.67	0.0000	P	23.2
2	☐	0.500					
3	☐	5.000	4.565	10259.86	0.0026	P	4.6
4	☐	250.000	255.643	566922.66	0.1424	P	0.3
5	☐	625.000	626.500	1445010.52	0.3491	A	2.6
6	☐	1250.000	1260.661	2956672.85	0.7024	A	0.5
7	☐	2500.000	2535.433	5941459.42	1.4125	A	0.9
8	☐	5000.000	4979.149	11952882.12	2.7740	A	1.5
9	☐			5295.73	0.0013	P	10.2

$$y = 5.5711\text{E-}004 * x + 2.3142\text{E-}005$$

$$R = 1.0000$$

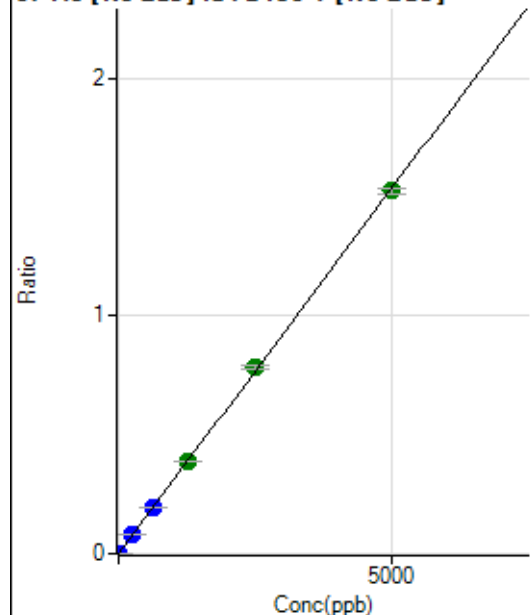
$$DL = 0.02892$$

$$BEC = 0.04154$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐	0.000	0.000	55.56	0.0000	P	31.9
2	☐	0.500					
3	☐	5.000	4.607	5715.39	0.0014	P	0.7
4	☐	250.000	257.812	315271.69	0.0792	P	0.2
5	☐	625.000	625.927	796106.58	0.1923	P	1.3
6	☐	1250.000	1264.424	1635225.91	0.3884	A	1.7
7	☐	2500.000	2553.648	3299673.01	0.7845	A	1.4
8	☐	5000.000	4969.064	6577608.17	1.5265	A	1.5
9	☐			2341.98	0.0006	P	1.6

$$y = 3.0720\text{E-}004 * x + 1.4067\text{E-}005$$

$$R = 0.9999$$

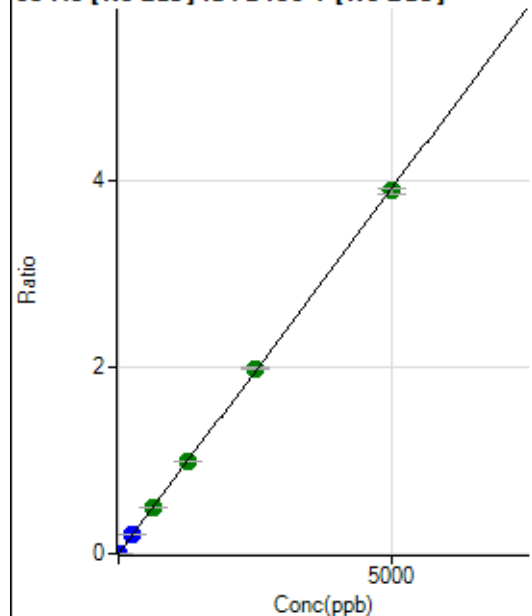
$$DL = 0.04379$$

$$BEC = 0.04579$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐	0.000	0.000	97.23	0.0000	P	22.5
2	☐	0.500					
3	☐	5.000	4.713	14805.88	0.0037	P	5.0
4	☐	250.000	260.345	809132.23	0.2033	P	0.8
5	☐	625.000	638.501	2064056.64	0.4986	A	1.3
6	☐	1250.000	1262.740	4150675.48	0.9860	A	1.1
7	☐	2500.000	2543.177	8352257.57	1.9858	A	1.1
8	☐	5000.000	4973.022	16731493.95	3.8830	A	1.6
9	☐			5954.35	0.0015	P	7.4

$$y = 7.8081\text{E-}004 * x + 2.4619\text{E-}005$$

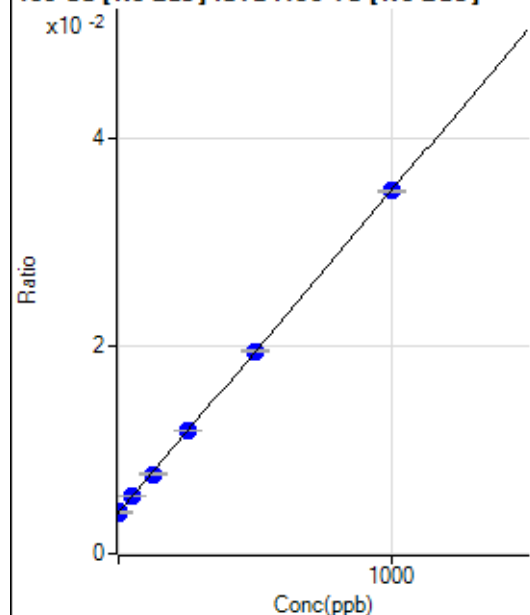
$$R = 0.9999$$

$$DL = 0.02126$$

$$BEC = 0.03153$$

Weight: <None>

Min Conc: 0

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

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐	0.000	0.000	13774.25	0.0040	P	2.3
2	☐	0.100					
3	☐	1.000	0.822	13866.02	0.0040	P	0.8
4	☐	50.000	52.651	19634.59	0.0056	P	1.9
5	☐	125.000	120.071	28091.21	0.0077	P	1.0
6	☐	250.000	254.944	44184.92	0.0119	P	0.4
7	☐	500.000	501.950	74299.58	0.0196	P	1.0
8	☐	1000.000	998.272	133958.44	0.0350	P	0.8
9	☐			14383.28	0.0041	P	3.1

$$y = 3.1091\text{E-}005 * x + 0.0040$$

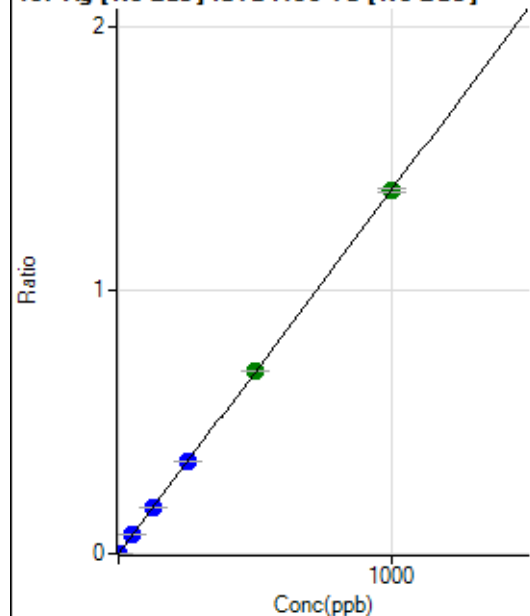
$$R = 1.0000$$

$$DL = 8.922$$

$$BEC = 127.5$$

Weight: <None>

Min Conc: 0

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

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐	0.000	0.000	188.90	0.0001	P	27.3
2	☐	0.100					
3	☐	1.000	1.069	5309.64	0.0015	P	4.7
4	☐	50.000	52.472	253703.26	0.0724	P	1.0
5	☐	125.000	127.497	641464.54	0.1758	P	0.2
6	☐	250.000	253.933	1300590.09	0.3500	P	1.2
7	☐	500.000	501.172	2622381.94	0.6907	A	0.5
8	☐	1000.000	997.995	5263791.66	1.3753	A	1.0
9	☐			677.83	0.0002	P	10.4

$$y = 0.0014 * x + 5.4391\text{E-}005$$

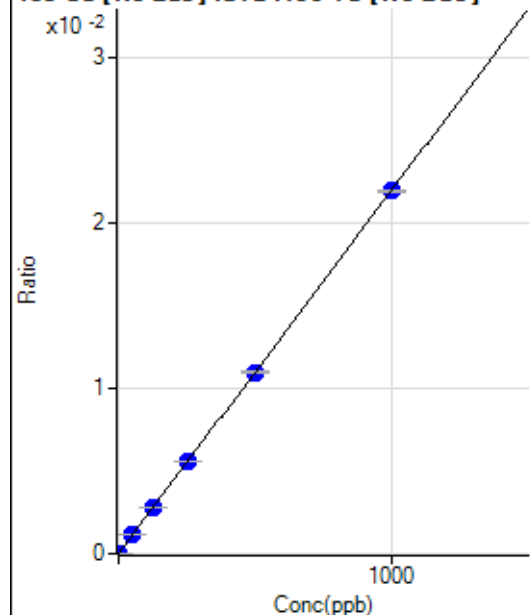
$$R = 1.0000$$

$$DL = 0.03233$$

$$BEC = 0.03947$$

Weight: <None>

Min Conc: 0

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

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐	0.000	0.000	34.72	0.0000	P	45.3
2	☐	0.100					
3	☐	1.000	0.855	100.00	0.0000	P	10.4
4	☐	50.000	52.570	4081.27	0.0012	P	2.6
5	☐	125.000	128.045	10295.81	0.0028	P	0.7
6	☐	250.000	253.100	20684.17	0.0056	P	1.5
7	☐	500.000	499.816	41695.07	0.0110	P	1.1
8	☐	1000.000	998.808	83958.50	0.0219	P	0.5
9	☐			50.00	0.0000	P	50.3

$$y = 2.1952E-005 * x + 9.9885E-006$$

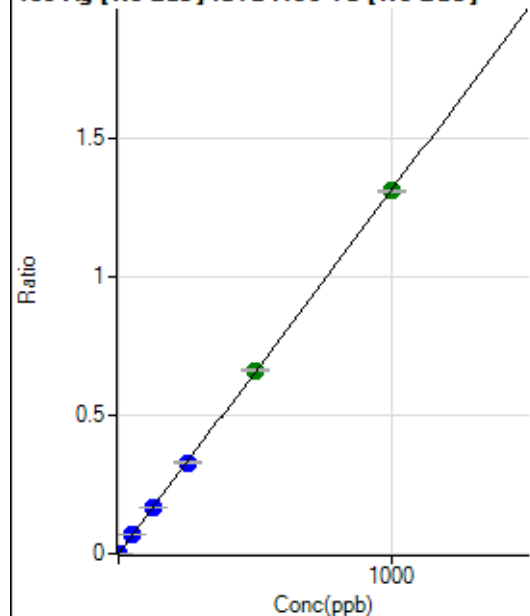
$$R = 1.0000$$

$$DL = 0.6188$$

$$BEC = 0.455$$

Weight: <None>

Min Conc: 0

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

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐	0.000	0.000	186.12	0.0001	P	13.8
2	☐	0.100					
3	☐	1.000	0.982	4664.92	0.0013	P	3.6
4	☐	50.000	52.066	239676.82	0.0684	P	0.7
5	☐	125.000	126.425	605572.42	0.1659	P	0.6
6	☐	250.000	250.956	1223701.82	0.3293	P	1.0
7	☐	500.000	503.002	2505658.80	0.6600	A	0.9
8	☐	1000.000	997.979	5011392.60	1.3093	A	0.6
9	☐			686.16	0.0002	P	3.6

$$y = 0.0013 * x + 5.3559E-005$$

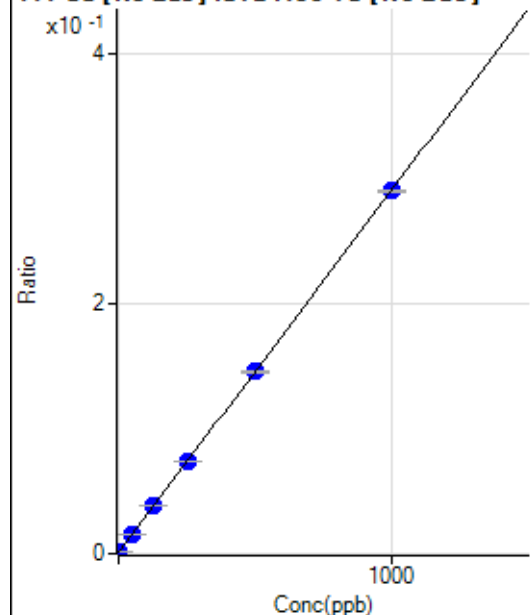
$$R = 1.0000$$

$$DL = 0.01691$$

$$BEC = 0.04082$$

Weight: <None>

Min Conc: 0

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

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐	0.000	0.000	2772.91	0.0008	P	2.1
2	☐	0.100					
3	☐	1.000	0.931	3712.98	0.0011	P	0.6
4	☐	50.000	52.061	55812.28	0.0159	P	0.7
5	☐	125.000	127.599	138176.22	0.0379	P	0.2
6	☐	250.000	252.528	275526.33	0.0741	P	0.9
7	☐	500.000	501.138	555648.03	0.1463	P	1.1
8	☐	1000.000	998.371	1112870.36	0.2908	P	0.5
9	☐			2934.71	0.0008	P	3.2

$$y = 2.9044\text{E-}004 * x + 7.9783\text{E-}004$$

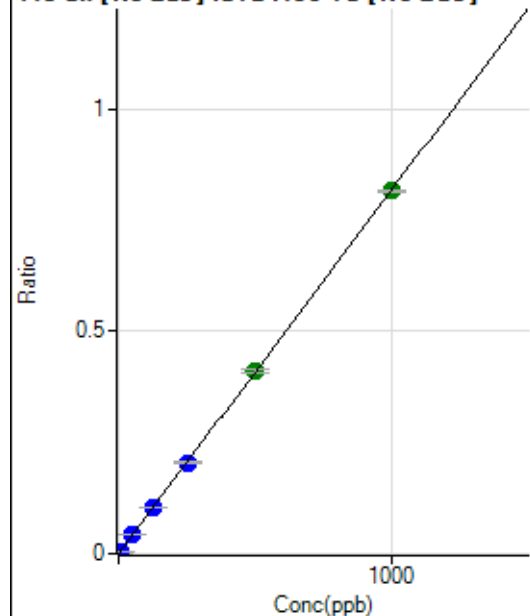
$$R = 1.0000$$

$$DL = 0.1733$$

$$BEC = 2.747$$

Weight: <None>

Min Conc: 0

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

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐	0.000	0.000	308.35	0.0001	P	18.1
2	☐	0.500					
3	☐	5.000	4.554	13251.65	0.0038	P	3.3
4	☐	50.000	51.433	147810.53	0.0422	P	0.5
5	☐	125.000	124.880	373135.96	0.1022	P	0.8
6	☐	250.000	250.476	761692.54	0.2050	P	0.7
7	☐	500.000	503.704	1564584.09	0.4121	A	2.0
8	☐	1000.000	997.974	3124551.29	0.8164	A	0.7
9	☐			1175.11	0.0003	P	10.7

$$y = 8.1795\text{E-}004 * x + 8.8763\text{E-}005$$

$$R = 1.0000$$

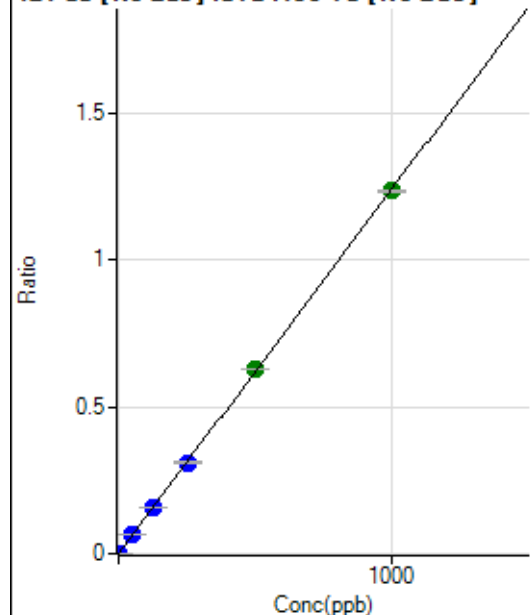
$$DL = 0.05893$$

$$BEC = 0.1085$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐	0.000	0.000	75.00	0.0000	P	33.7
2	☐	0.200					
3	☐	2.000	1.749	7610.91	0.0022	P	3.6
4	☐	50.000	51.444	223707.04	0.0638	P	0.3
5	☐	125.000	125.297	567086.80	0.1554	P	1.0
6	☐	250.000	250.391	1153789.63	0.3105	P	0.8
7	☐	500.000	507.184	2387668.93	0.6289	A	0.7
8	☐	1000.000	996.201	4727446.94	1.2352	A	0.5
9	☐			4653.80	0.0013	P	2.2

$$y = 0.0012 * x + 2.1600E-005$$

$$R = 1.0000$$

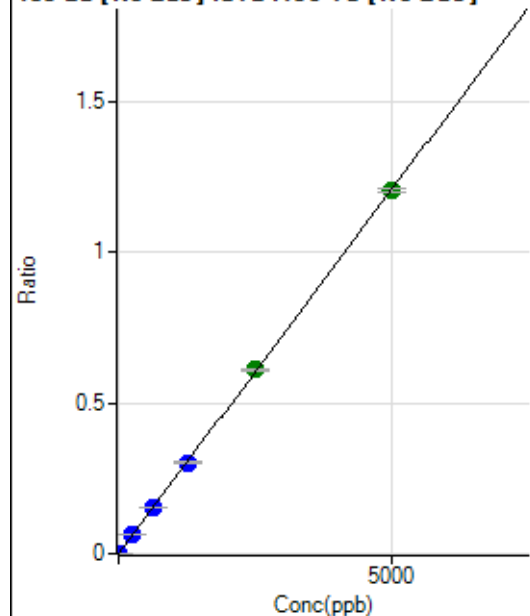
$$DL = 0.01761$$

$$BEC = 0.01742$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐	0.000	0.000	50.00	0.0000	P	33.7
2	☐	1.000					
3	☐	10.000	8.784	7427.44	0.0021	P	0.6
4	☐	250.000	258.200	218789.12	0.0624	P	0.7
5	☐	625.000	627.940	553846.03	0.1517	P	0.3
6	☐	1250.000	1252.898	1125076.63	0.3028	P	1.4
7	☐	2500.000	2527.345	2318704.33	0.6107	A	1.6
8	☐	5000.000	4984.828	4610097.24	1.2045	A	0.9
9	☐			550.04	0.0002	P	7.3

$$y = 2.4163E-004 * x + 1.4399E-005$$

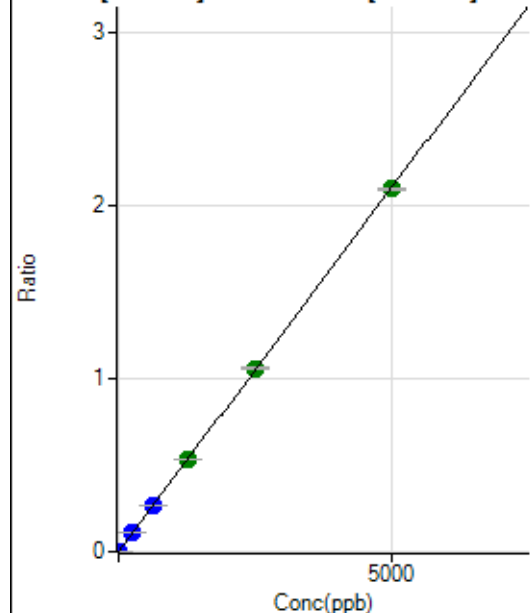
$$R = 1.0000$$

$$DL = 0.06026$$

$$BEC = 0.05959$$

Weight: <None>

Min Conc: 0

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐	0.000	0.000	108.34	0.0000	P	27.4
2	☐	1.000					
3	☐	10.000	9.258	13629.83	0.0039	P	1.3
4	☐	250.000	253.538	373587.92	0.1066	P	0.6
5	☐	625.000	628.655	964155.41	0.2642	P	0.3
6	☐	1250.000	1271.045	1984666.80	0.5341	A	1.3
7	☐	2500.000	2517.932	4016864.85	1.0579	A	0.9
8	☐	5000.000	4985.141	8016803.13	2.0946	A	0.4
9	☐			963.97	0.0003	P	5.4

$$y = 4.2015\text{E-}004 * x + 3.1150\text{E-}005$$

$$R = 1.0000$$

$$DL = 0.06094$$

$$BEC = 0.07414$$

Weight: <None>

Min Conc: 0

150 Nd [No Gas] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐			8.89		P	43.3
2	☐						
3	☐			11.11		P	91.7
4	☐			26.67		P	0.0
5	☐			51.11		P	32.8
6	☐			73.34		P	32.8
7	☐			146.67		P	12.0
8	☐			208.90		P	4.9
9	☐			71.11		P	14.3

150 Nd [He] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐			0.00		P	
2	☐						
3	☐			1.11		P	173.2
4	☐			0.00		P	
5	☐			3.33		P	100.1
6	☐			7.78		P	24.7
7	☐			11.11		P	75.5
8	☐			17.78		P	43.3
9	☐			30.00		P	58.8

156 Dy [No Gas] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐			11.11		P	114.6
2	☐						
3	☐			13.89		P	91.6
4	☐			44.45		P	47.2
5	☐			30.56		P	31.5
6	☐			133.34		P	10.8
7	☐			208.35		P	6.9
8	☐			416.70		P	12.2
9	☐			58.34		P	0.0

156 Dy [He] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐			2.22		P	173.2
2	☐						
3	☐			3.33		P	100.1
4	☐			1.11		P	173.2
5	☐			5.55		P	69.3
6	☐			12.22		P	41.7
7	☐			14.44		P	35.3
8	☐			33.33		P	43.6
9	☐			28.89		P	24.0

160 Gd [No Gas] Noavailable calibration poin_

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐			55.56		P	74.0
2	☐						
3	☐			83.34		P	26.5
4	☐			83.34		P	10.0
5	☐			83.34		P	10.0
6	☐			111.12		P	17.3
7	☐			111.12		P	43.3
8	☐			94.45		P	28.4
9	☐			108.34		P	20.4

160 Gd [He] No available calibration points

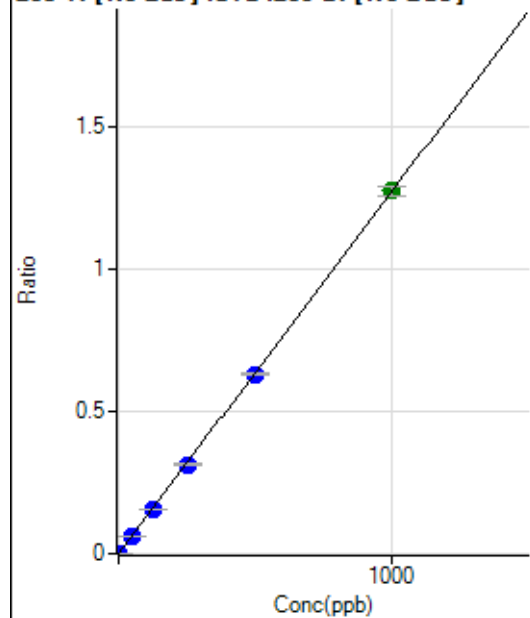
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐			52.22		P	31.5
2	☐						
3	☐			31.11		P	43.3
4	☐			47.78		P	14.5
5	☐			31.11		P	6.2
6	☐			34.45		P	45.7
7	☐			36.67		P	24.1
8	☐			41.11		P	20.4
9	☐			41.11		P	20.4

164 Er [No Gas] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐			19.44		P	65.5
2	☐						
3	☐			16.67		P	50.0
4	☐			19.44		P	49.5
5	☐			16.67		P	50.0
6	☐			33.33		P	66.2
7	☐			22.22		P	43.3
8	☐			36.11		P	35.3
9	☐			13.89		P	34.7

164 Er [He] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐			6.67		P	100.0
2	☐						
3	☐			3.33		P	100.1
4	☐			12.22		P	15.7
5	☐			10.00		P	33.3
6	☐			12.22		P	56.8
7	☐			10.00		P	57.8
8	☐			8.89		P	78.1
9	☐			5.55		P	124.9

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐	0.000	0.000	200.01	0.0001	P	3.0
2	☐	0.100					
3	☐	1.000	0.868	2175.30	0.0012	P	5.7
4	☐	50.000	49.873	114431.96	0.0636	P	1.5
5	☐	125.000	122.977	296284.10	0.1567	P	1.8
6	☐	250.000	246.730	601943.34	0.3142	P	1.1
7	☐	500.000	495.511	1227263.09	0.6309	P	1.3
8	☐	1000.000	1003.321	2475936.15	1.2773	A	2.5
9	☐			338.91	0.0002	P	3.5

$$y = 0.0013 * x + 1.1028E-004$$

$$R = 1.0000$$

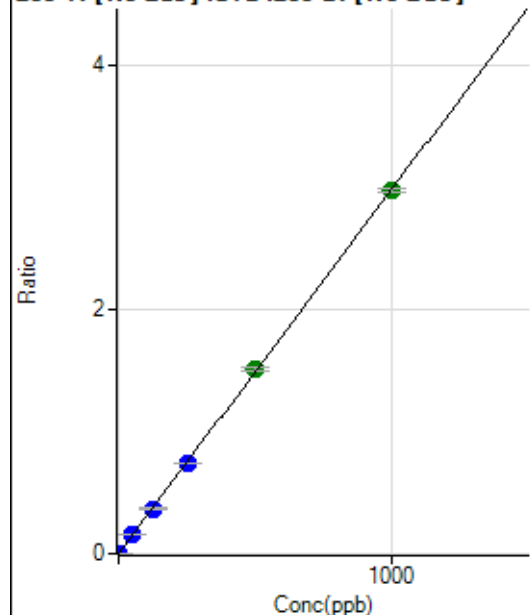
$$DL = 0.007845$$

$$BEC = 0.08663$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐	0.000	0.000	475.04	0.0003	P	16.4
2	☐	0.100					
3	☐	1.000	0.900	5284.67	0.0029	P	1.8
4	☐	50.000	50.929	273943.69	0.1522	P	0.8
5	☐	125.000	123.777	699119.32	0.3696	P	1.4
6	☐	250.000	249.503	1427019.41	0.7449	P	0.8
7	☐	500.000	507.071	2944164.78	1.5135	A	1.3
8	☐	1000.000	996.695	5766547.05	2.9747	A	1.1
9	☐			691.72	0.0004	P	8.6

$$y = 0.0030 * x + 2.6165E-004$$

$$R = 1.0000$$

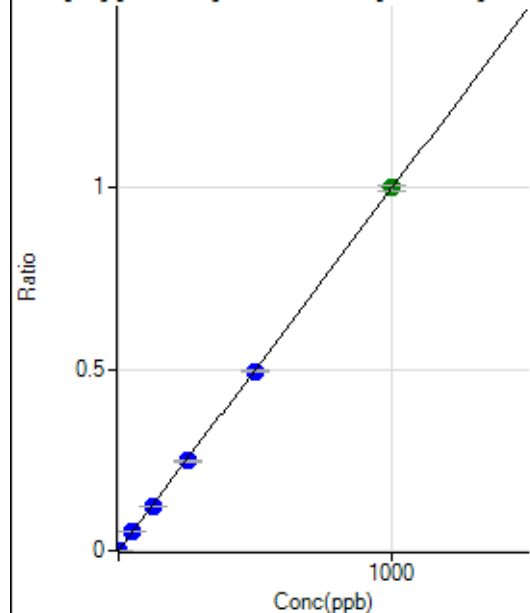
$$DL = 0.04321$$

$$BEC = 0.08768$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐	0.000	0.000	498.18	0.0003	P	6.2
2	☐	0.100					
3	☐	1.000	0.877	2057.65	0.0011	P	6.1
4	☐	50.000	51.297	92438.34	0.0514	P	1.6
5	☐	125.000	123.351	232913.63	0.1231	P	0.3
6	☐	250.000	247.769	473360.85	0.2471	P	1.2
7	☐	500.000	496.608	962816.40	0.4949	P	1.1
8	☐	1000.000	1002.395	1936021.16	0.9988	A	1.8
9	☐			3141.23	0.0019	P	4.6

$$y = 9.9611E-004 * x + 2.7476E-004$$

$$R = 1.0000$$

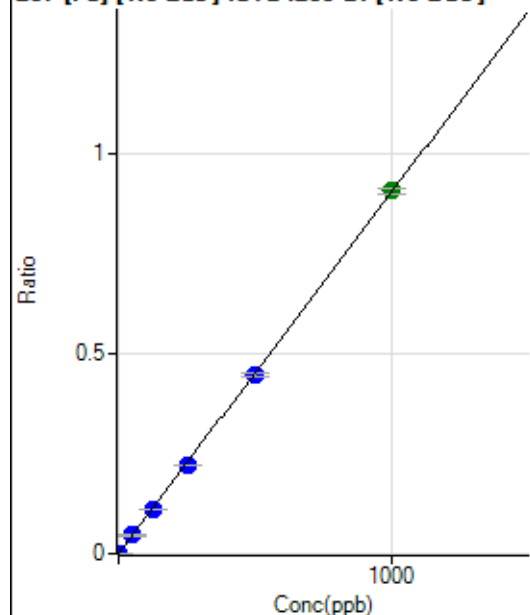
$$DL = 0.0509$$

$$BEC = 0.2758$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐	0.000	0.000	424.10	0.0002	P	4.7
2	☐	0.100					
3	☐	1.000	0.784	1689.06	0.0009	P	3.8
4	☐	50.000	50.401	82306.70	0.0457	P	0.5
5	☐	125.000	123.178	210817.49	0.1115	P	0.7
6	☐	250.000	245.498	425163.04	0.2219	P	1.2
7	☐	500.000	495.522	870859.25	0.4477	P	1.7
8	☐	1000.000	1003.572	1757155.85	0.9065	A	1.4
9	☐			2852.27	0.0017	P	5.6

$$y = 9.0301\text{E-}004 * x + 2.3395\text{E-}004$$

$$R = 1.0000$$

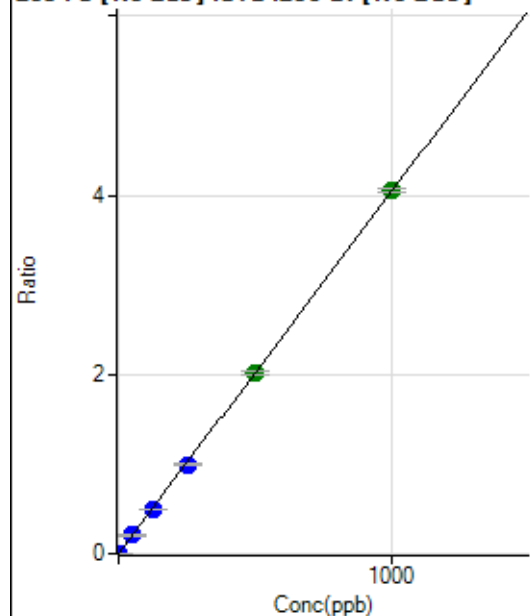
$$DL = 0.03651$$

$$BEC = 0.2591$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐	0.000	0.000	2057.55	0.0011	P	5.5
2	☐	0.100					
3	☐	1.000	0.837	8095.72	0.0045	P	3.6
4	☐	50.000	50.217	367135.01	0.2041	P	0.5
5	☐	125.000	122.603	939140.14	0.4965	P	0.7
6	☐	250.000	246.086	1907261.49	0.9955	P	0.8
7	☐	500.000	498.668	3921937.53	2.0162	A	1.3
8	☐	1000.000	1001.933	7850461.17	4.0498	A	1.2
9	☐			12799.25	0.0076	P	5.5

$$y = 0.0040 * x + 0.0011$$

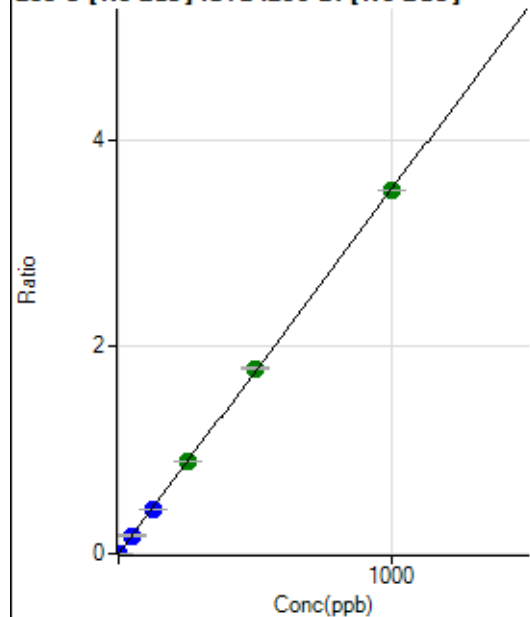
$$R = 1.0000$$

$$DL = 0.04611$$

$$BEC = 0.2809$$

Weight: <None>

Min Conc: 0

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

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐	0.000	0.000	52.78	0.0000	P	32.2
2	☐	0.100					
3	☐	1.000	0.851	5412.56	0.0030	P	3.4
4	☐	50.000	49.944	316153.45	0.1757	P	2.3
5	☐	125.000	121.161	806203.51	0.4263	P	1.2
6	☐	250.000	252.410	1701236.80	0.8880	A	1.2
7	☐	500.000	508.073	3476894.48	1.7874	A	1.6
8	☐	1000.000	995.844	6791610.92	3.5033	A	0.1
9	☐			269.46	0.0002	P	10.0

$$y = 0.0035 * x + 2.9049E-005$$

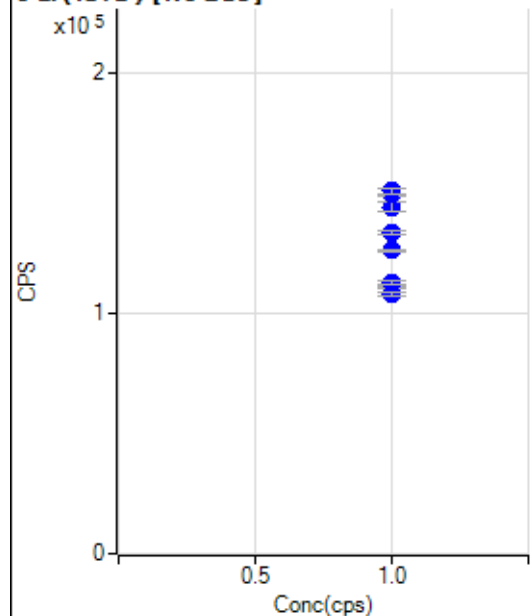
$$R = 0.9999$$

$$DL = 0.007978$$

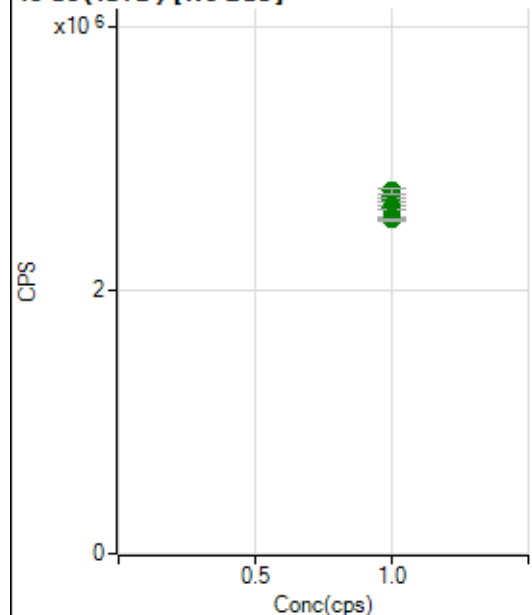
$$BEC = 0.008257$$

Weight: <None>

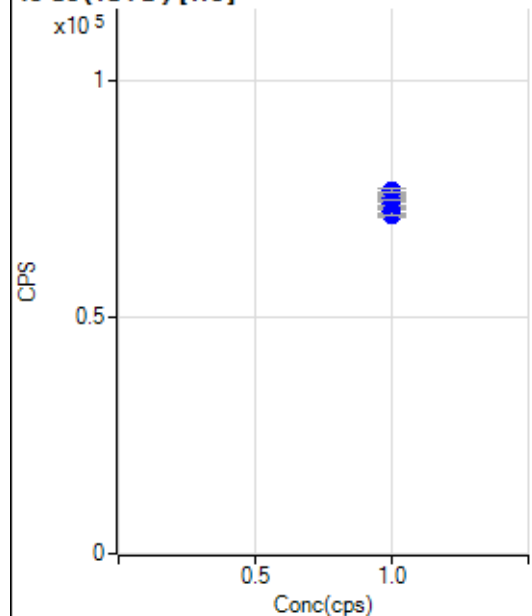
Min Conc: 0

6 Li (ISTD) [No Gas]

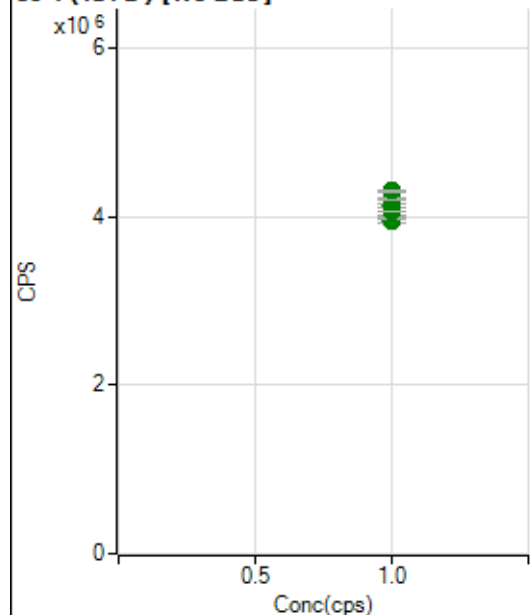
	R _j ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐	1.000		110577.78		P	0.8
2	☐	1.000					
3	☐	1.000		107875.94		P	1.3
4	☐	1.000		113001.56		P	1.8
5	☐	1.000		126138.17		P	0.7
6	☐	1.000		133686.30		P	1.4
7	☐	1.000		144446.46		P	2.5
8	☐	1.000		149405.73		P	0.8
9	☐	1.000		151024.73		P	1.3

45 Sc (ISTD) [No Gas]

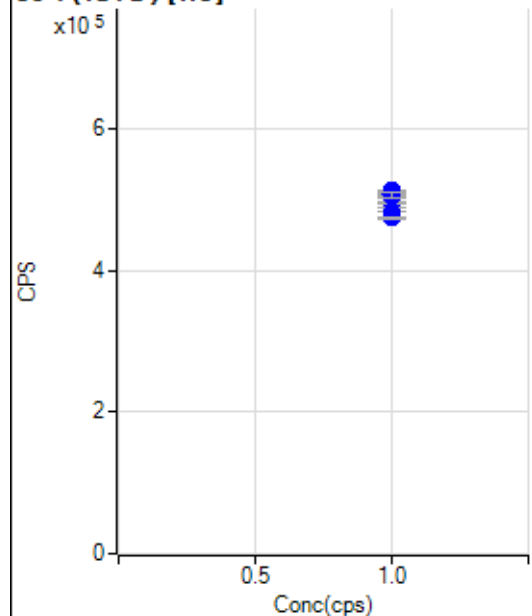
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐	1.000		2547662.21		A	0.6
2	☐	1.000					
3	☐	1.000		2533193.16		A	0.6
4	☐	1.000		2533463.73		A	0.5
5	☐	1.000		2626395.41		A	1.2
6	☐	1.000		2665623.19		A	0.1
7	☐	1.000		2682891.36		A	0.7
8	☐	1.000		2713240.99		A	0.8
9	☐	1.000		2752360.02		A	1.5

45 Sc (ISTD) [He]

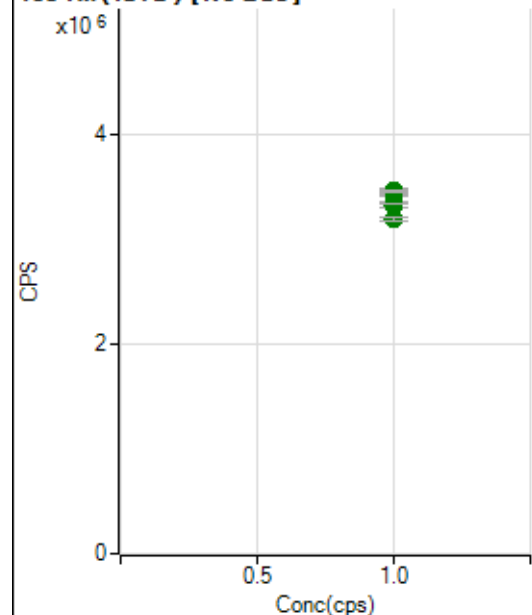
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐	1.000		72263.61		P	1.0
2	☐	1.000					
3	☐	1.000		71421.51		P	0.5
4	☐	1.000		72364.56		P	2.5
5	☐	1.000		73964.67		P	0.6
6	☐	1.000		74666.93		P	0.4
7	☐	1.000		75637.89		P	1.2
8	☐	1.000		75327.18		P	1.1
9	☐	1.000		76672.17		P	1.0

89 Y (ISTD) [No Gas]

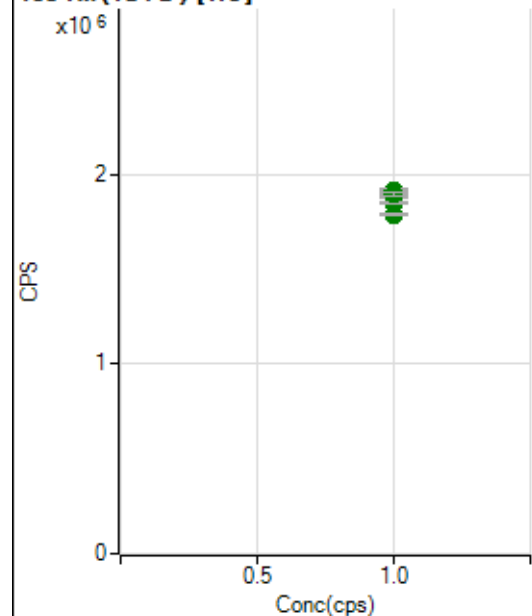
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐	1.000		3955639.73		A	1.3
2	☐	1.000					
3	☐	1.000		3998552.65		A	1.6
4	☐	1.000		3979973.48		A	0.5
5	☐	1.000		4140283.72		A	1.0
6	☐	1.000		4209660.53		A	0.0
7	☐	1.000		4206219.10		A	0.7
8	☐	1.000		4309251.22		A	0.8
9	☐	1.000		4061322.23		A	0.3

89 Y (ISTD) [He]

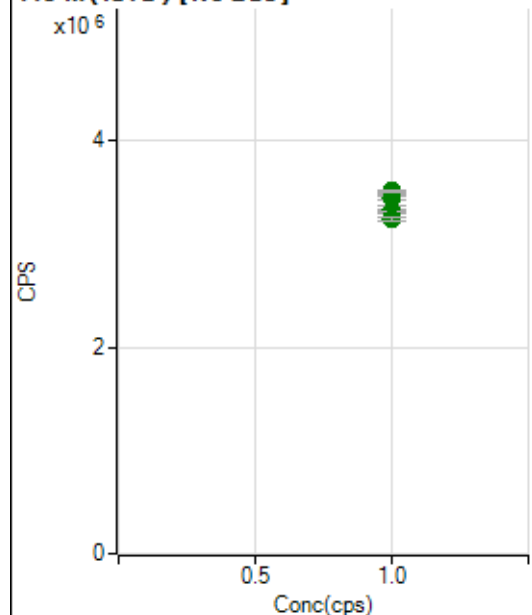
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐	1.000		483655.93		P	0.3
2	☐	1.000					
3	☐	1.000		474260.24		P	0.4
4	☐	1.000		488119.19		P	0.2
5	☐	1.000		496226.85		P	0.5
6	☐	1.000		505681.45		P	0.2
7	☐	1.000		508425.00		P	0.3
8	☐	1.000		512270.64		P	0.5
9	☐	1.000		506903.98		P	1.3

103 Rh (ISTD) [No Gas]

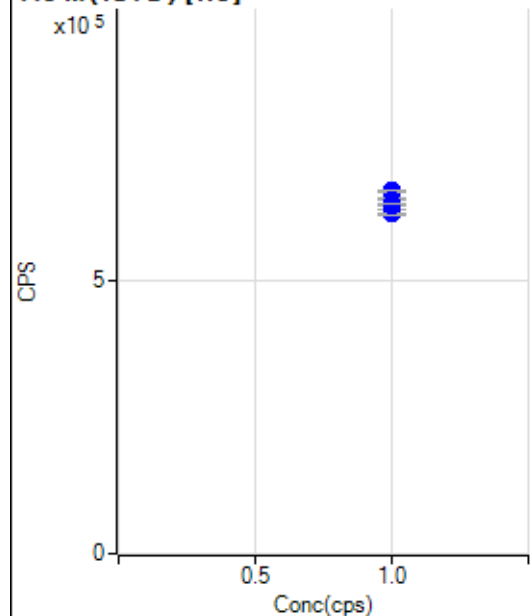
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐	1.000		3326804.98		A	1.1
2	☐	1.000					
3	☐	1.000		3347486.92		A	0.5
4	☐	1.000		3345881.19		A	0.2
5	☐	1.000		3433561.14		A	0.7
6	☐	1.000		3466220.39		A	1.6
7	☐	1.000		3453906.94		A	1.3
8	☐	1.000		3458843.96		A	0.6
9	☐	1.000		3193494.38		A	0.9

103 Rh (ISTD) [He]

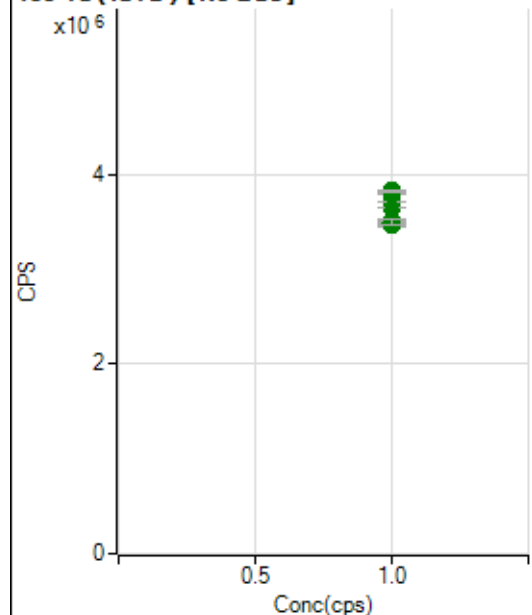
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐	1.000		1884847.02		A	0.9
2	☐	1.000					
3	☐	1.000		1848959.71		A	0.2
4	☐	1.000		1896360.69		A	0.2
5	☐	1.000		1910462.40		A	0.2
6	☐	1.000		1913249.78		A	0.7
7	☐	1.000		1913051.05		A	0.9
8	☐	1.000		1895966.86		A	0.6
9	☐	1.000		1789220.27		A	0.6

115 In (ISTD) [No Gas]

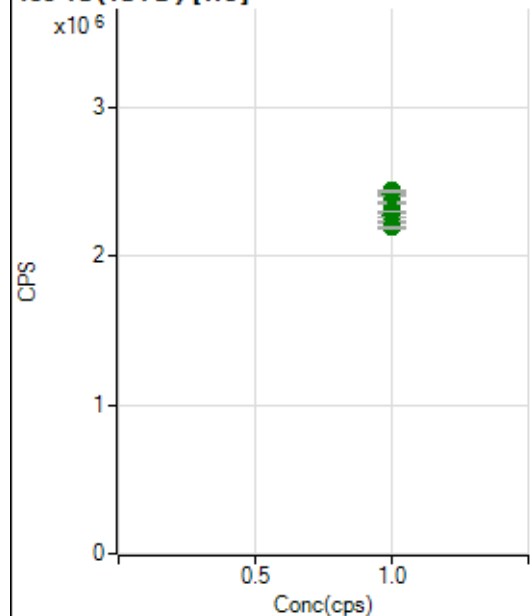
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐	1.000		3330931.27		A	0.3
2	☐	1.000					
3	☐	1.000		3340768.77		A	2.1
4	☐	1.000		3318077.38		A	0.5
5	☐	1.000		3449487.18		A	1.2
6	☐	1.000		3472109.17		A	0.7
7	☐	1.000		3498799.34		A	0.7
8	☐	1.000		3517093.71		A	0.8
9	☐	1.000		3250430.86		A	1.1

115 In (ISTD) [He]

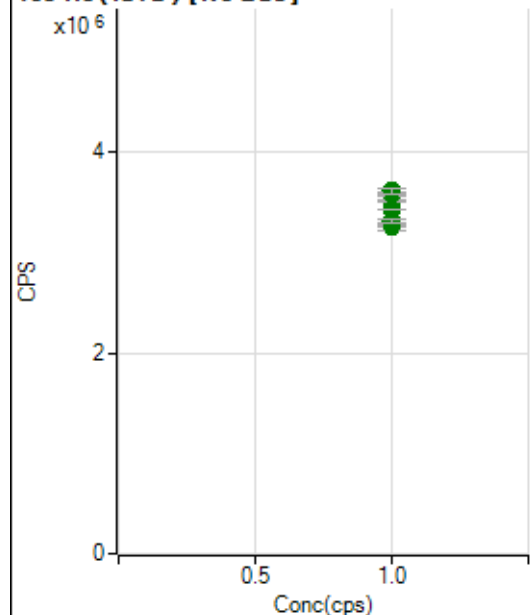
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐	1.000		629627.95		P	0.3
2	☐	1.000					
3	☐	1.000		621264.85		P	0.8
4	☐	1.000		637727.86		P	0.3
5	☐	1.000		647813.98		P	0.2
6	☐	1.000		661509.25		P	0.2
7	☐	1.000		663041.94		P	0.4
8	☐	1.000		646844.28		P	0.6
9	☐	1.000		640018.15		P	0.3

159 Tb (ISTD) [No Gas]

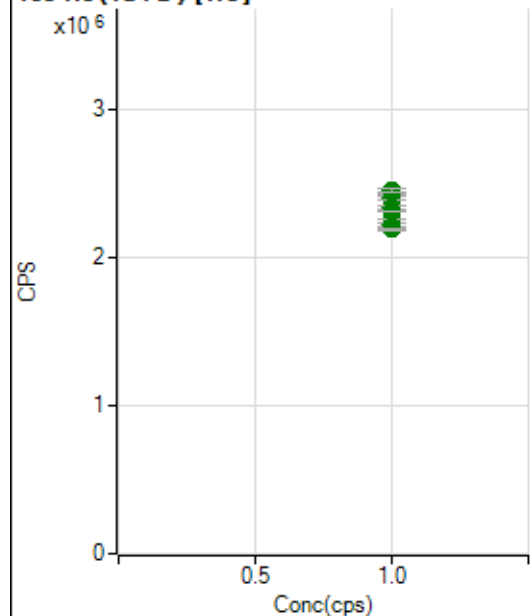
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐	1.000		3475498.87		A	0.4
2	☐	1.000					
3	☐	1.000		3475987.24		A	1.4
4	☐	1.000		3506090.99		A	0.4
5	☐	1.000		3649880.19		A	0.4
6	☐	1.000		3716236.54		A	0.3
7	☐	1.000		3796805.43		A	0.4
8	☐	1.000		3827419.56		A	0.6
9	☐	1.000		3492948.52		A	1.6

159 Tb (ISTD) [He]

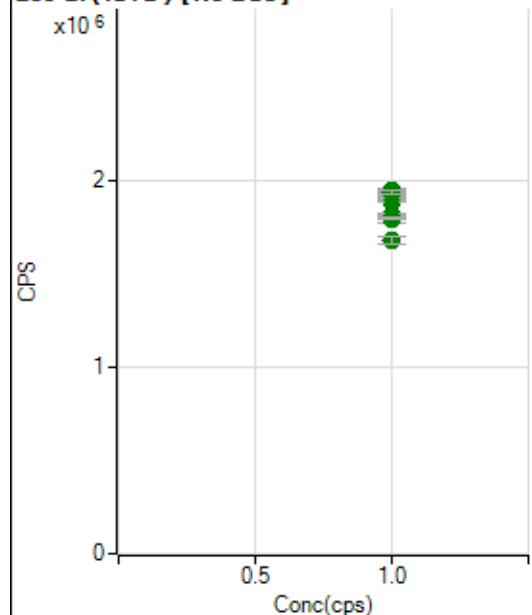
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐	1.000		2228102.92		A	0.8
2	☐	1.000					
3	☐	1.000		2192305.33		A	1.0
4	☐	1.000		2271995.45		A	1.2
5	☐	1.000		2354649.69		A	0.4
6	☐	1.000		2411703.33		A	0.3
7	☐	1.000		2423671.91		A	1.2
8	☐	1.000		2438939.60		A	0.4
9	☐	1.000		2303463.92		A	0.3

165 Ho (ISTD) [No Gas]

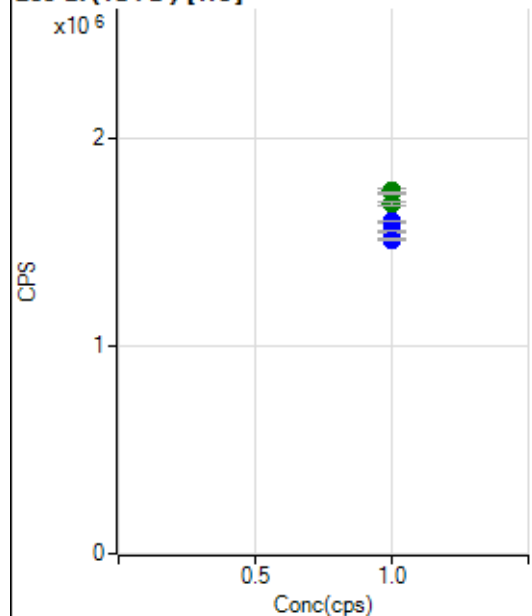
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐	1.000		3249991.07		A	1.3
2	☐	1.000					
3	☐	1.000		3273963.16		A	1.2
4	☐	1.000		3290271.54		A	0.5
5	☐	1.000		3431604.68		A	0.3
6	☐	1.000		3522265.23		A	0.5
7	☐	1.000		3580869.01		A	0.8
8	☐	1.000		3617380.07		A	1.2
9	☐	1.000		3318401.88		A	1.0

165 Ho (ISTD) [He]

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐	1.000		2211291.34		A	1.1
2	☐	1.000					
3	☐	1.000		2185155.25		A	0.8
4	☐	1.000		2252549.31		A	0.3
5	☐	1.000		2332209.58		A	0.6
6	☐	1.000		2394385.62		A	1.0
7	☐	1.000		2430363.65		A	0.7
8	☐	1.000		2445021.04		A	1.1
9	☐	1.000		2306442.69		A	0.2

209 Bi (ISTD) [No Gas]

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐	1.000		1813260.98		A	1.2
2	☐	1.000					
3	☐	1.000		1792257.44		A	2.1
4	☐	1.000		1799209.69		A	1.1
5	☐	1.000		1891397.05		A	0.8
6	☐	1.000		1915887.94		A	0.4
7	☐	1.000		1945426.29		A	1.0
8	☐	1.000		1938623.10		A	1.1
9	☐	1.000		1680098.03		A	2.2

209 Bi (ISTD) [He]

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐	1.000		1591405.93		M	0.5
2	☐	1.000					
3	☐	1.000		1550145.46		P	0.6
4	☐	1.000		1602760.71		P	0.0
5	☐	1.000		1678809.94		A	1.1
6	☐	1.000		1740993.60		A	1.6
7	☐	1.000		1743584.11		A	1.2
8	☐	1.000		1733398.45		A	0.7
9	☐	1.000		1509720.93		P	0.9

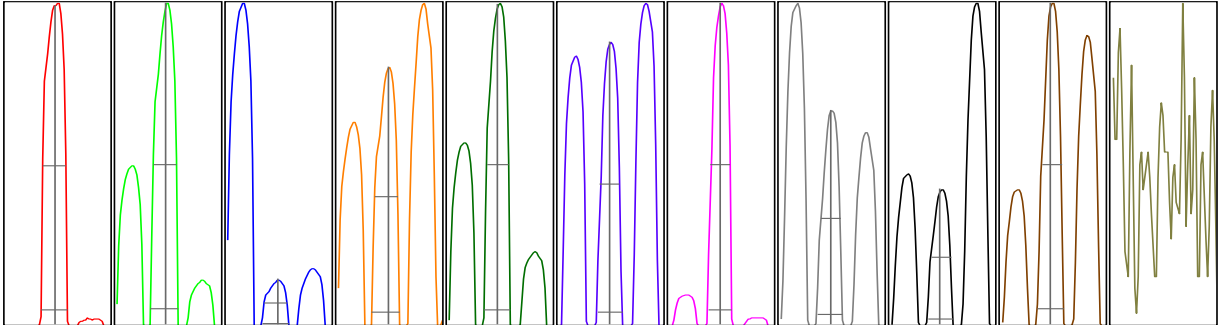
US EPA Tune Check Sample Report

Batch Folder D:\P8041619MS.b
Report Comment
Instrument Name G8403A JP17141814

[No Gas]				
Mass	Count (Mean)	RSD% (Actual)	RSD% (Required)	RSD% (Flag)
9	1217	1.18	5.00	
24	44693	0.34	5.00	
25	6156	0.42	5.00	
26	7814	0.84	5.00	
59	32363	0.55	5.00	
113	3937	1.08	5.00	
115	46823	0.84	5.00	
206	6843	0.73	5.00	
207	6206	0.58	5.00	
208	14743	0.16	5.00	
220	1	7.92		

Mass	Replicate 1 Count	Replicate 2 Count	Replicate 3 Count	Replicate 4 Count	Replicate 5 Count
9	1231	1203	1234	1208	1208
24	44799	44602	44481	44730	44851
25	6161	6195	6143	6156	6125
26	7801	7774	7804	7763	7927
59	32224	32147	32551	32371	32522
113	3926	3879	3938	3998	3943
115	46212	46818	46771	47256	47059
206	6765	6827	6861	6873	6890
207	6193	6168	6198	6203	6266
208	14734	14755	14739	14773	14712
220	1	1	2	2	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	1938	8.95	8.9 - 9.1		0.744	0.900	
24	73038	23.95	23.9 - 24.1		0.786	0.900	
25	10292	25.00	24.9 - 25.1		0.781	0.900	
26	13036	26.00	25.9 - 26.1		0.787	0.900	
59	54643	58.95	58.9 - 59.1		0.741	0.900	
113	7337	113.00	112.9 - 113.1		0.728	0.900	
115	87125	115.00	114.9 - 115.1		0.687	0.900	
206	13030	206.00	205.9 - 206.1		0.734	0.900	
207	11717	206.95	206.9 - 207.1		0.734	0.900	
208	27722	207.95	207.9 - 208.1		0.755	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
Plasma Mode		HMI	Aerosol Dilution		HMI-8			

Lenses Parameters

ParameterName	Value	Unit	ParameterName	Value	Unit	ParameterName	Value	Unit
Extract 1	0.0	V	Omega Lens	12.4	V	Deflect	12.4	V
Extract 2	-250.0	V	Cell Entrance	-30	V	Plate Bias	-35	V
Omega Bias	-120	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
He Flow	0.0	mL/min	OctP RF	200	V			

[He]

Mass	Count (Mean)	RSD% (Actual)	RSD% (Required)
59	8457	0.24	
89	17045	0.27	
205	9811	0.54	

Mass	Replicate 1 Count	Replicate 2 Count	Replicate 3 Count	Replicate 4 Count	Replicate 5 Count
59	8470	8460	8482	8435	8438
89	17073	17099	17017	16984	17052
205	9846	9814	9839	9719	9835

Integration Time [sec] = 0.1

Tune Parameters

Plasma Paramters

ParameterName	Value	Unit	ParameterName	Value	Unit	ParameterName	Value	Unit
Plasma Mode		HMI	Aerosol Dilution		HMI-8			

Lenses Parameters

ParameterName	Value	Unit	ParameterName	Value	Unit	ParameterName	Value	Unit
Extract 1	0.0	V	Omega Lens	12.4	V	Deflect	1.2	V
Extract 2	-250.0	V	Cell Entrance	-40	V	Plate Bias	-60	V
Omega Bias	-120	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
He Flow	5.0	mL/min	OctP RF	200	V			

LB Number :	LB102143	Operator :	Jaswal
Lab Sample ID :	S0	Instrumnet Name :	P8
Client Sample ID :	S0	Dilution Factor :	1
Date & Time Acquired ::	2019-04-16 14:59:07	DataFile Name :	003CALB.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	-1.94	1.43	0.51	0.00	N/A	ppb
Antimony	121-1	0.00	0.01	-0.01	0.00	N/A	ppb
Arsenic	75-2	0.01	0.03	-0.04	0.00	N/A	ppb
Barium	135-1	0.00	0.02	-0.02	0.00	N/A	ppb
Barium	137-1	0.01	-0.02	0.02	0.00	N/A	ppb
Beryllium	9-1	-0.03	0.05	-0.02	0.00	N/A	ppb
Bismuth	209-1				100		%
Bismuth	209-2				100		%
Boron	11-1	0.11	1.16	-1.27	0.00	N/A	ppb
Boron	10-1	-0.70	-0.47	1.16	0.00	N/A	ppb
Cadmium	106-1	-3.43	1.89	1.54	0.00	N/A	ppb
Cadmium	108-1	-0.24	0.09	0.14	0.00	N/A	ppb
Cadmium	111-1	-0.07	0.02	0.04	0.00	N/A	ppb
Calcium	43-1	9.79	-11.45	1.65	0.00	N/A	ppb
Calcium	44-1	-0.27	-2.06	2.33	0.00	N/A	ppb
Chromium	52-2	-0.04	0.02	0.01	0.00	N/A	ppb
Cobalt	59-2	-0.01	0.02	0.00	0.00	N/A	ppb
Copper	63-2	0.01	0.01	-0.02	0.00	N/A	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				100		%
Holmium	165-2				100		%
Indium	115-1				100		%
Indium	115-2				100		%
Iron	56-2	-0.04	0.08	-0.04	0.00	N/A	ppb
Iron	57-2	-1.06	2.07	-1.01	0.00	N/A	ppb
Krypton	83-1						cps
Lead	207-1	0.01	-0.01	0.01	0.00	N/A	ppb
Lead	208-1	0.00	-0.02	0.01	0.00	N/A	ppb
Lead	206-1	0.00	-0.01	0.02	0.00	N/A	ppb
Lithium	6-1				100		%
Magnesium	24-2	-0.42	0.49	-0.06	0.00	N/A	ppb

LB Number :	LB102143	Operator :	Jaswal
Lab Sample ID :	S0	Instrumnet Name :	P8
Client Sample ID :	S0	Dilution Factor :	1
Date & Time Acquired ::	2019-04-16 14:59:07	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	0.00	0.00	0.00	N/A	ppb
Molybdenum	95-1	0.02	0.00	-0.01	0.00	N/A	ppb
Molybdenum	96-1	0.00	-0.01	0.01	0.00	N/A	ppb
Molybdenum	97-1	0.02	0.00	-0.01	0.00	N/A	ppb
Molybdenum	98-1	0.01	0.00	-0.01	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	-28.31	-33.78	-5.27	-22.45		ppb
Potassium	39-2	-1.82	-10.40	12.22	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	1.37	-1.37	0.00	N/A	ppb
Selenium	78-2	0.52	-0.37	-0.14	0.00	N/A	ppb
Selenium	82-1	0.65	-0.43	-0.22	0.00	N/A	ppb
Silicon	28-1	-5.66	-15.96	21.62	0.00	N/A	ppb
Silver	109-1	-0.01	0.01	0.00	0.00	N/A	ppb
Silver	107-1	0.00	0.01	-0.01	0.00	N/A	ppb
Sodium	23-2	0.68	-2.45	1.77	0.00	N/A	ppb
Strontium	86-1	-0.08	0.04	0.04	0.00	N/A	ppb
Strontium	88-1	0.00	0.00	0.00	0.00	N/A	ppb
Sulfur	34-1	-157.58	-386.96	-226.88	-257.14		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	-0.01	0.01	0.00	0.00	N/A	ppb
Tin	118-1	0.00	0.02	-0.02	0.00	N/A	ppb
Titanium	47-1	1.02	-1.02	0.00	0.00	N/A	ppb
Uranium	238-1	0.00	0.00	0.00	0.00	N/A	ppb
Vanadium	51-2	-0.02	-0.01	0.03	0.00	N/A	ppb
Yttrium	89-1				100		%
Yttrium	89-2				100		%
Zinc	66-2	0.15	-0.26	0.11	0.00	N/A	ppb

LB Number :	LB102143	Operator :	Jaswal
Lab Sample ID :	S0	Instrumnet Name :	P8
Client Sample ID :	S0	Dilution Factor :	1
Date & Time Acquired ::	2019-04-16 14:59:07	DataFile Name :	003CALB.d

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

LB Number :	LB102143	Operator :	Jaswal
Lab Sample ID :	S2	Instrumnet Name :	P8
Client Sample ID :	S2	Dilution Factor :	1
Date & Time Acquired ::	2019-04-16 15:06:36	DataFile Name :	005CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	18.53	18.19	17.12	17.94	4.11	ppb
Antimony	121-1	1.80	1.77	1.68	1.75	3.67	ppb
Arsenic	75-2	0.92	0.90	0.88	0.90	2.07	ppb
Barium	135-1	8.82	8.81	8.72	8.78	0.59	ppb
Barium	137-1	9.26	9.14	9.38	9.26	1.30	ppb
Beryllium	9-1	0.91	0.86	0.81	0.86	5.70	ppb
Bismuth	209-1				99		%
Bismuth	209-2				97		%
Boron	11-1	28.88	34.28	36.18	33.11	11.44	ppb
Boron	10-1	36.03	29.40	31.40	32.28	10.53	ppb
Cadmium	106-1	0.08	0.36	2.02	0.82	127.88	ppb
Cadmium	108-1	0.92	0.70	0.94	0.86	15.95	ppb
Cadmium	111-1	0.91	0.94	0.95	0.93	2.36	ppb
Calcium	43-1	432.61	438.45	430.56	433.87	0.94	ppb
Calcium	44-1	469.44	464.03	462.53	465.33	0.78	ppb
Chromium	52-2	1.69	1.95	1.84	1.82	7.16	ppb
Cobalt	59-2	0.87	0.94	0.89	0.90	3.96	ppb
Copper	63-2	1.90	1.71	1.85	1.82	5.37	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				101		%
Holmium	165-2				99		%
Indium	115-1				100		%
Indium	115-2				99		%
Iron	56-2	49.95	49.97	50.58	50.17	0.72	ppb
Iron	57-2	53.59	45.41	46.24	48.42	9.30	ppb
Krypton	83-1						cps
Lead	207-1	0.82	0.74	0.79	0.78	5.06	ppb
Lead	208-1	0.80	0.88	0.83	0.84	4.85	ppb
Lead	206-1	0.81	0.95	0.87	0.88	8.03	ppb
Lithium	6-1				98		%
Magnesium	24-2	491.05	454.16	480.61	475.27	4.00	ppb

LB Number :	LB102143	Operator :	Jaswal
Lab Sample ID :	S2	Instrumnet Name :	P8
Client Sample ID :	S2	Dilution Factor :	1
Date & Time Acquired ::	2019-04-16 15:06:36	DataFile Name :	005CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	0.89	1.07	1.10	1.02	11.08	ppb
Molybdenum	94-1	4.58	4.77	4.28	4.55	5.43	ppb
Molybdenum	95-1	4.64	4.91	4.48	4.68	4.61	ppb
Molybdenum	96-1	4.39	4.80	4.51	4.56	4.64	ppb
Molybdenum	97-1	4.64	4.61	4.58	4.61	0.68	ppb
Molybdenum	98-1	4.66	4.97	4.51	4.71	5.00	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.88	0.88	0.89	0.88	0.55	ppb
Phosphorus	31-2	-10.46	35.58	42.24	22.45	127.79	ppb
Potassium	39-2	425.11	432.17	427.06	428.11	0.85	ppb
Rhodium	103-1				101		%
Rhodium	103-2				98		%
Scandium	45-1				99		%
Scandium	45-2				99		%
Selenium	77-2	0.03	1.42	6.98	2.81	130.65	ppb
Selenium	78-2	4.47	4.89	4.19	4.52	7.82	ppb
Selenium	82-1	5.60	5.46	5.92	5.66	4.18	ppb
Silicon	28-1	34.48	24.82	30.33	29.88	16.21	ppb
Silver	109-1	1.02	0.95	0.98	0.98	3.76	ppb
Silver	107-1	1.02	1.12	1.07	1.07	4.91	ppb
Sodium	23-2	446.74	444.42	452.04	447.74	0.87	ppb
Strontium	86-1	0.94	0.89	1.14	0.99	13.29	ppb
Strontium	88-1	0.87	0.91	0.83	0.87	4.36	ppb
Sulfur	34-1	419.72	-151.13	502.82	257.14	138.45	ppb
Terbium	159-1				100		%
Terbium	159-2				98		%
Thallium	203-1	0.86	0.92	0.82	0.87	6.25	ppb
Thallium	205-1	0.92	0.88	0.90	0.90	1.97	ppb
Tin	118-1	4.67	4.61	4.38	4.55	3.35	ppb
Titanium	47-1	4.99	3.99	5.38	4.79	14.96	ppb
Uranium	238-1	0.87	0.86	0.82	0.85	3.39	ppb
Vanadium	51-2	4.73	4.73	4.71	4.72	0.27	ppb
Yttrium	89-1				101		%
Yttrium	89-2				98		%
Zinc	66-2	1.82	1.85	1.57	1.75	8.81	ppb

LB Number :	LB102143	Operator :	Jaswal
Lab Sample ID :	S2	Instrumnet Name :	P8
Client Sample ID :	S2	Dilution Factor :	1
Date & Time Acquired ::	2019-04-16 15:06:36	DataFile Name :	005CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	90-1	0.87	0.90	0.81	0.86	5.25	ppb
Zirconium	91-1	0.87	1.06	0.87	0.93	12.09	ppb

LB Number : LB102143 Operator : Jaswal
 Lab Sample ID : S3 Instrumnet Name : P8
 Client Sample ID : S3 Dilution Factor : 1
 Date & Time Acquired :: 2019-04-16 15:10:30 DataFile Name : 006CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	996.51	1017.54	970.99	995.01	2.34	ppb
Antimony	121-1	51.28	51.50	51.55	51.44	0.27	ppb
Arsenic	75-2	51.09	52.30	52.05	51.81	1.24	ppb
Barium	135-1	259.25	259.18	256.16	258.20	0.68	ppb
Barium	137-1	253.23	255.13	252.25	253.54	0.58	ppb
Beryllium	9-1	55.40	54.20	53.63	54.41	1.66	ppb
Bismuth	209-1				99		%
Bismuth	209-2				101		%
Boron	11-1	64.90	65.06	58.41	62.79	6.04	ppb
Boron	10-1	69.02	67.88	63.27	66.72	4.56	ppb
Cadmium	106-1	48.69	54.50	54.76	52.65	6.52	ppb
Cadmium	108-1	51.77	51.78	54.16	52.57	2.61	ppb
Cadmium	111-1	52.02	51.69	52.47	52.06	0.75	ppb
Calcium	43-1	5504.46	5356.13	5394.11	5418.23	1.42	ppb
Calcium	44-1	5475.03	5442.95	5446.13	5454.70	0.32	ppb
Chromium	52-2	52.17	53.51	52.36	52.68	1.37	ppb
Cobalt	59-2	51.22	54.16	52.47	52.62	2.80	ppb
Copper	63-2	104.50	107.75	105.07	105.77	1.64	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				101		%
Holmium	165-2				102		%
Indium	115-1				100		%
Indium	115-2				101		%
Iron	56-2	2704.23	2803.65	2734.19	2747.36	1.86	ppb
Iron	57-2	2675.87	2823.10	2726.77	2741.91	2.73	ppb
Krypton	83-1						cps
Lead	207-1	50.65	50.43	50.12	50.40	0.53	ppb
Lead	208-1	50.02	50.14	50.49	50.22	0.49	ppb
Lead	206-1	50.35	51.94	51.59	51.30	1.63	ppb
Lithium	6-1				102		%
Magnesium	24-2	5228.38	5462.22	5277.89	5322.83	2.32	ppb

LB Number :	LB102143	Operator :	Jaswal
Lab Sample ID :	S3	Instrumnet Name :	P8
Client Sample ID :	S3	Dilution Factor :	1
Date & Time Acquired ::	2019-04-16 15:10:30	DataFile Name :	006CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	104.47	107.90	103.82	105.40	2.08	ppb
Molybdenum	94-1	260.36	257.65	261.09	259.70	0.70	ppb
Molybdenum	95-1	256.95	254.70	256.37	256.01	0.46	ppb
Molybdenum	96-1	255.11	255.41	256.41	255.64	0.27	ppb
Molybdenum	97-1	258.51	257.56	257.37	257.81	0.24	ppb
Molybdenum	98-1	259.89	258.60	262.54	260.34	0.77	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	53.31	54.50	53.49	53.77	1.20	ppb
Phosphorus	31-2	1004.12	1130.37	1176.89	1103.79	8.10	ppb
Potassium	39-2	2484.73	2627.34	2539.62	2550.56	2.82	ppb
Rhodium	103-1				101		%
Rhodium	103-2				101		%
Scandium	45-1				99		%
Scandium	45-2				100		%
Selenium	77-2	51.41	54.35	55.70	53.82	4.07	ppb
Selenium	78-2	54.07	46.99	49.20	50.09	7.23	ppb
Selenium	82-1	52.42	53.46	52.00	52.63	1.43	ppb
Silicon	28-1	98.57	73.58	62.61	78.25	23.55	ppb
Silver	109-1	51.66	52.16	52.38	52.07	0.71	ppb
Silver	107-1	52.60	52.93	51.88	52.47	1.02	ppb
Sodium	23-2	5119.48	5362.08	5159.27	5213.61	2.50	ppb
Strontium	86-1	51.79	51.70	50.53	51.34	1.37	ppb
Strontium	88-1	51.88	51.95	52.22	52.01	0.34	ppb
Sulfur	34-1	1564.65	1400.15	1116.69	1360.49	16.66	ppb
Terbium	159-1				101		%
Terbium	159-2				102		%
Thallium	203-1	49.12	49.85	50.65	49.87	1.53	ppb
Thallium	205-1	50.45	51.29	51.04	50.93	0.85	ppb
Tin	118-1	51.57	51.59	51.14	51.43	0.49	ppb
Titanium	47-1	255.00	254.37	258.93	256.10	0.96	ppb
Uranium	238-1	49.68	48.94	51.20	49.94	2.31	ppb
Vanadium	51-2	50.41	52.32	51.43	51.39	1.85	ppb
Yttrium	89-1				101		%
Yttrium	89-2				101		%
Zinc	66-2	108.05	108.57	107.63	108.08	0.43	ppb

LB Number :	LB102143	Operator :	Jaswal
Lab Sample ID :	S3	Instrumnet Name :	P8
Client Sample ID :	S3	Dilution Factor :	1
Date & Time Acquired ::	2019-04-16 15:10:30	DataFile Name :	006CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	90-1	51.49	51.05	51.88	51.47	0.81	ppb
Zirconium	91-1	50.63	51.35	49.86	50.61	1.47	ppb

LB Number :	LB102143	Operator :	Jaswal
Lab Sample ID :	S4	Instrumnet Name :	P8
Client Sample ID :	S4	Dilution Factor :	1
Date & Time Acquired ::	2019-04-16 15:14:23	DataFile Name :	007CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	2428.51	2374.39	2393.36	2398.75	1.14	ppb
Antimony	121-1	124.15	126.66	125.08	125.30	1.01	ppb
Arsenic	75-2	130.47	128.71	129.44	129.54	0.68	ppb
Barium	135-1	630.12	626.37	627.33	627.94	0.31	ppb
Barium	137-1	627.95	630.80	627.21	628.66	0.30	ppb
Beryllium	9-1	133.20	130.89	129.80	131.30	1.32	ppb
Bismuth	209-1				104		%
Bismuth	209-2				105		%
Boron	11-1	136.92	132.02	137.09	135.34	2.13	ppb
Boron	10-1	129.57	128.01	125.38	127.65	1.66	ppb
Cadmium	106-1	117.10	121.37	121.75	120.07	2.15	ppb
Cadmium	108-1	128.17	127.07	128.90	128.04	0.72	ppb
Cadmium	111-1	127.85	127.43	127.52	127.60	0.17	ppb
Calcium	43-1	13147.13	13300.30	12850.43	13099.29	1.75	ppb
Calcium	44-1	13339.98	13408.73	12940.69	13229.80	1.91	ppb
Chromium	52-2	128.53	127.61	128.27	128.14	0.37	ppb
Cobalt	59-2	128.12	126.44	127.44	127.33	0.66	ppb
Copper	63-2	257.22	258.43	256.64	257.43	0.36	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				106		%
Holmium	165-2				105		%
Indium	115-1				104		%
Indium	115-2				103		%
Iron	56-2	6570.36	6569.23	6592.67	6577.42	0.20	ppb
Iron	57-2	6669.26	6545.08	6587.82	6600.72	0.96	ppb
Krypton	83-1						cps
Lead	207-1	123.94	122.28	123.32	123.18	0.68	ppb
Lead	208-1	123.20	121.69	122.92	122.60	0.65	ppb
Lead	206-1	123.69	122.97	123.39	123.35	0.29	ppb
Lithium	6-1				114		%
Magnesium	24-2	13177.72	12966.63	12981.15	13041.83	0.90	ppb

LB Number :	LB102143	Operator :	Jaswal
Lab Sample ID :	S4	Instrumnet Name :	P8
Client Sample ID :	S4	Dilution Factor :	1
Date & Time Acquired ::	2019-04-16 15:14:23	DataFile Name :	007CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	253.80	254.81	253.82	254.14	0.23	ppb
Molybdenum	94-1	637.15	619.01	624.21	626.79	1.49	ppb
Molybdenum	95-1	631.30	620.51	620.09	623.97	1.02	ppb
Molybdenum	96-1	643.39	624.84	611.27	626.50	2.57	ppb
Molybdenum	97-1	635.30	620.50	621.99	625.93	1.30	ppb
Molybdenum	98-1	647.35	630.20	637.95	638.50	1.35	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	131.61	128.69	130.97	130.42	1.18	ppb
Phosphorus	31-2	2449.45	2678.70	2467.08	2531.74	5.04	ppb
Potassium	39-2	6235.05	6146.28	6254.88	6212.07	0.93	ppb
Rhodium	103-1				103		%
Rhodium	103-2				101		%
Scandium	45-1				103		%
Scandium	45-2				102		%
Selenium	77-2	129.88	119.44	100.30	116.54	12.88	ppb
Selenium	78-2	117.64	114.21	134.72	122.19	8.99	ppb
Selenium	82-1	128.60	128.19	126.59	127.79	0.83	ppb
Silicon	28-1	101.62	100.00	82.50	94.71	11.20	ppb
Silver	109-1	126.29	125.78	127.21	126.42	0.57	ppb
Silver	107-1	127.67	127.68	127.15	127.50	0.24	ppb
Sodium	23-2	13239.75	12950.18	13063.89	13084.61	1.11	ppb
Strontium	86-1	124.78	122.47	123.03	123.43	0.98	ppb
Strontium	88-1	131.29	128.08	127.72	129.03	1.52	ppb
Sulfur	34-1	2442.28	2485.95	1274.89	2067.71	33.22	ppb
Terbium	159-1				105		%
Terbium	159-2				106		%
Thallium	203-1	121.82	121.64	125.48	122.98	1.76	ppb
Thallium	205-1	122.64	122.93	125.76	123.78	1.39	ppb
Tin	118-1	124.85	125.94	123.86	124.88	0.83	ppb
Titanium	47-1	627.98	625.74	601.24	618.32	2.40	ppb
Uranium	238-1	120.21	120.38	122.89	121.16	1.24	ppb
Vanadium	51-2	126.59	126.06	124.84	125.83	0.72	ppb
Yttrium	89-1				105		%
Yttrium	89-2				103		%
Zinc	66-2	260.57	261.86	256.58	259.67	1.06	ppb

LB Number :	LB102143	Operator :	Jaswal
Lab Sample ID :	S4	Instrumnet Name :	P8
Client Sample ID :	S4	Dilution Factor :	1
Date & Time Acquired ::	2019-04-16 15:14:23	DataFile Name :	007CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	90-1	126.28	124.72	123.82	124.94	0.99	ppb
Zirconium	91-1	123.59	123.78	122.66	123.35	0.49	ppb

LB Number :	LB102143	Operator :	Jaswal
Lab Sample ID :	S5	Instrumnet Name :	P8
Client Sample ID :	S5	Dilution Factor :	1
Date & Time Acquired ::	2019-04-16 15:18:13	DataFile Name :	008CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	4776.64	4710.15	4768.66	4751.82	0.76	ppb
Antimony	121-1	249.19	249.42	252.57	250.39	0.75	ppb
Arsenic	75-2	249.97	252.89	252.60	251.82	0.64	ppb
Barium	135-1	1233.56	1256.57	1268.57	1252.90	1.42	ppb
Barium	137-1	1252.67	1276.84	1283.62	1271.04	1.28	ppb
Beryllium	9-1	260.88	259.68	264.43	261.66	0.94	ppb
Bismuth	209-1				106		%
Bismuth	209-2				109		%
Boron	11-1	254.19	255.03	259.12	256.11	1.03	ppb
Boron	10-1	265.25	258.13	274.23	265.87	3.04	ppb
Cadmium	106-1	253.64	254.57	256.62	254.94	0.60	ppb
Cadmium	108-1	248.87	254.22	256.22	253.10	1.50	ppb
Cadmium	111-1	250.21	252.57	254.80	252.53	0.91	ppb
Calcium	43-1	25954.44	26154.87	26253.81	26121.04	0.58	ppb
Calcium	44-1	25900.59	25859.03	25957.06	25905.56	0.19	ppb
Chromium	52-2	254.48	254.68	254.68	254.61	0.05	ppb
Cobalt	59-2	250.67	251.61	253.83	252.04	0.64	ppb
Copper	63-2	510.53	503.41	512.33	508.76	0.93	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				108		%
Holmium	165-2				108		%
Indium	115-1				104		%
Indium	115-2				105		%
Iron	56-2	13080.90	12848.13	13082.38	13003.80	1.04	ppb
Iron	57-2	12881.96	13010.25	13224.32	13038.85	1.33	ppb
Krypton	83-1						cps
Lead	207-1	242.53	245.69	248.28	245.50	1.17	ppb
Lead	208-1	244.28	245.61	248.36	246.09	0.84	ppb
Lead	206-1	246.41	245.59	251.31	247.77	1.25	ppb
Lithium	6-1				121		%
Magnesium	24-2	26289.66	25854.07	26224.03	26122.59	0.90	ppb

LB Number :	LB102143	Operator :	Jaswal
Lab Sample ID :	S5	Instrumnet Name :	P8
Client Sample ID :	S5	Dilution Factor :	1
Date & Time Acquired ::	2019-04-16 15:18:13	DataFile Name :	008CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	506.46	497.36	506.63	503.48	1.05	ppb
Molybdenum	94-1	1250.48	1249.09	1263.41	1254.33	0.63	ppb
Molybdenum	95-1	1239.42	1246.83	1270.79	1252.35	1.31	ppb
Molybdenum	96-1	1260.87	1266.74	1254.37	1260.66	0.49	ppb
Molybdenum	97-1	1239.75	1279.42	1274.10	1264.42	1.70	ppb
Molybdenum	98-1	1246.31	1271.25	1270.66	1262.74	1.13	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	256.49	254.59	261.82	257.63	1.46	ppb
Phosphorus	31-2	5161.97	5094.89	4860.11	5038.99	3.15	ppb
Potassium	39-2	12258.25	12313.60	12430.73	12334.20	0.71	ppb
Rhodium	103-1				104		%
Rhodium	103-2				102		%
Scandium	45-1				105		%
Scandium	45-2				103		%
Selenium	77-2	262.77	267.88	261.68	264.11	1.25	ppb
Selenium	78-2	253.09	262.77	244.98	253.61	3.51	ppb
Selenium	82-1	257.23	254.81	256.77	256.27	0.50	ppb
Silicon	28-1	196.24	204.44	218.84	206.51	5.54	ppb
Silver	109-1	248.61	250.49	253.77	250.96	1.04	ppb
Silver	107-1	251.07	256.97	253.76	253.93	1.16	ppb
Sodium	23-2	25947.80	25902.91	25933.73	25928.15	0.09	ppb
Strontium	86-1	244.92	248.64	251.01	248.19	1.24	ppb
Strontium	88-1	254.46	255.79	257.92	256.05	0.68	ppb
Sulfur	34-1	4080.88	3996.19	3994.99	4024.02	1.22	ppb
Terbium	159-1				107		%
Terbium	159-2				108		%
Thallium	203-1	244.97	245.29	249.93	246.73	1.13	ppb
Thallium	205-1	248.37	248.35	251.79	249.50	0.79	ppb
Tin	118-1	248.51	251.14	251.78	250.48	0.69	ppb
Titanium	47-1	1231.90	1231.84	1242.66	1235.47	0.50	ppb
Uranium	238-1	251.00	250.38	255.85	252.41	1.19	ppb
Vanadium	51-2	247.39	248.03	251.97	249.13	1.00	ppb
Yttrium	89-1				106		%
Yttrium	89-2				105		%
Zinc	66-2	511.65	515.06	518.47	515.06	0.66	ppb

LB Number :	LB102143	Operator :	Jaswal
Lab Sample ID :	S5	Instrumnet Name :	P8
Client Sample ID :	S5	Dilution Factor :	1
Date & Time Acquired ::	2019-04-16 15:18:13	DataFile Name :	008CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	90-1	252.81	256.69	258.52	256.01	1.14	ppb
Zirconium	91-1	245.33	244.43	245.44	245.07	0.22	ppb

LB Number :	LB102143	Operator :	Jaswal
Lab Sample ID :	S6	Instrumnet Name :	P8
Client Sample ID :	S6	Dilution Factor :	1
Date & Time Acquired ::	2019-04-16 15:21:56	DataFile Name :	009CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	9432.66	9339.36	9394.91	9388.98	0.50	ppb
Antimony	121-1	503.32	509.86	508.37	507.18	0.68	ppb
Arsenic	75-2	496.25	500.54	507.65	501.48	1.15	ppb
Barium	135-1	2481.51	2559.75	2540.78	2527.34	1.61	ppb
Barium	137-1	2499.23	2541.92	2512.65	2517.93	0.87	ppb
Beryllium	9-1	507.24	509.99	494.28	503.84	1.67	ppb
Bismuth	209-1				107		%
Bismuth	209-2				110		%
Boron	11-1	490.32	505.84	485.39	493.85	2.16	ppb
Boron	10-1	489.31	494.30	509.80	497.80	2.15	ppb
Cadmium	106-1	499.22	497.65	508.98	501.95	1.22	ppb
Cadmium	108-1	498.30	495.00	506.15	499.82	1.15	ppb
Cadmium	111-1	495.68	501.20	506.53	501.14	1.08	ppb
Calcium	43-1	52454.67	52509.29	52695.11	52553.02	0.24	ppb
Calcium	44-1	52551.83	52385.52	51863.28	52266.87	0.69	ppb
Chromium	52-2	507.96	496.16	499.82	501.31	1.20	ppb
Cobalt	59-2	500.23	495.79	495.45	497.16	0.54	ppb
Copper	63-2	1017.52	997.51	1015.92	1010.32	1.10	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				110		%
Holmium	165-2				110		%
Indium	115-1				105		%
Indium	115-2				105		%
Iron	56-2	26093.37	25490.80	25861.14	25815.10	1.18	ppb
Iron	57-2	26172.13	25624.14	26135.39	25977.22	1.18	ppb
Krypton	83-1						cps
Lead	207-1	503.64	487.02	495.91	495.52	1.68	ppb
Lead	208-1	506.31	493.69	496.01	498.67	1.35	ppb
Lead	206-1	502.49	491.44	495.90	496.61	1.12	ppb
Lithium	6-1				131		%
Magnesium	24-2	51415.95	50342.13	51253.66	51003.91	1.13	ppb

LB Number :	LB102143	Operator :	Jaswal
Lab Sample ID :	S6	Instrumnet Name :	P8
Client Sample ID :	S6	Dilution Factor :	1
Date & Time Acquired ::	2019-04-16 15:21:56	DataFile Name :	009CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	1010.86	994.05	1011.82	1005.58	0.99	ppb
Molybdenum	94-1	2521.03	2550.29	2552.65	2541.32	0.69	ppb
Molybdenum	95-1	2525.81	2555.97	2529.43	2537.07	0.65	ppb
Molybdenum	96-1	2511.05	2556.86	2538.39	2535.43	0.91	ppb
Molybdenum	97-1	2513.27	2573.86	2573.81	2553.65	1.37	ppb
Molybdenum	98-1	2515.92	2543.32	2570.29	2543.18	1.07	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	506.98	506.65	503.28	505.63	0.40	ppb
Phosphorus	31-2	10407.27	10086.99	9822.19	10105.48	2.90	ppb
Potassium	39-2	24839.60	24031.01	24747.84	24539.48	1.80	ppb
Rhodium	103-1				104		%
Rhodium	103-2				101		%
Scandium	45-1				105		%
Scandium	45-2				105		%
Selenium	77-2	528.59	493.67	462.68	494.98	6.66	ppb
Selenium	78-2	516.18	513.16	503.07	510.80	1.34	ppb
Selenium	82-1	511.59	509.24	515.01	511.95	0.57	ppb
Silicon	28-1	458.29	483.03	507.44	482.92	5.09	ppb
Silver	109-1	502.91	498.39	507.70	503.00	0.93	ppb
Silver	107-1	499.64	500.03	503.85	501.17	0.46	ppb
Sodium	23-2	50786.03	48855.66	50444.92	50028.87	2.06	ppb
Strontium	86-1	496.81	502.68	501.74	500.41	0.63	ppb
Strontium	88-1	507.87	505.34	501.76	504.99	0.61	ppb
Sulfur	34-1	8904.14	9305.84	8923.09	9044.36	2.51	ppb
Terbium	159-1				109		%
Terbium	159-2				109		%
Thallium	203-1	500.32	488.27	497.95	495.51	1.29	ppb
Thallium	205-1	513.78	500.12	507.31	507.07	1.35	ppb
Tin	118-1	494.76	501.90	514.45	503.70	1.98	ppb
Titanium	47-1	2501.01	2488.44	2532.93	2507.46	0.91	ppb
Uranium	238-1	515.78	499.95	508.49	508.07	1.56	ppb
Vanadium	51-2	505.81	492.62	496.42	498.28	1.36	ppb
Yttrium	89-1				106		%
Yttrium	89-2				105		%
Zinc	66-2	1010.42	1007.36	1009.40	1009.06	0.15	ppb

LB Number :	LB102143	Operator :	Jaswal
Lab Sample ID :	S6	Instrumnet Name :	P8
Client Sample ID :	S6	Dilution Factor :	1
Date & Time Acquired ::	2019-04-16 15:21:56	DataFile Name :	009CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	90-1	506.02	507.96	512.85	508.95	0.69	ppb
Zirconium	91-1	495.76	502.51	501.25	499.84	0.72	ppb

LB Number :	LB102143	Operator :	Jaswal
Lab Sample ID :	S7	Instrumnet Name :	P8
Client Sample ID :	S7	Dilution Factor :	1
Date & Time Acquired ::	2019-04-16 15:25:34	DataFile Name :	010CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	18981.94	18891.67	18650.47	18841.36	0.91	ppb
Antimony	121-1	991.16	996.10	1001.35	996.20	0.51	ppb
Arsenic	75-2	988.60	1011.66	994.18	998.15	1.21	ppb
Barium	135-1	4952.57	5036.90	4965.01	4984.83	0.91	ppb
Barium	137-1	4989.13	5000.31	4965.98	4985.14	0.35	ppb
Beryllium	9-1	1011.15	993.84	977.48	994.16	1.69	ppb
Bismuth	209-1				107		%
Bismuth	209-2				109		%
Boron	11-1	986.18	1015.39	996.66	999.41	1.48	ppb
Boron	10-1	954.90	997.12	1035.32	995.78	4.04	ppb
Cadmium	106-1	987.84	1004.97	1002.01	998.27	0.92	ppb
Cadmium	108-1	1004.37	994.45	997.61	998.81	0.51	ppb
Cadmium	111-1	993.51	1003.94	997.66	998.37	0.53	ppb
Calcium	43-1	107530.14	106663.12	105353.60	106515.62	1.03	ppb
Calcium	44-1	105785.81	103675.90	103129.20	104196.97	1.35	ppb
Chromium	52-2	1008.04	1001.48	983.47	997.66	1.28	ppb
Cobalt	59-2	1001.89	1013.87	985.71	1000.49	1.41	ppb
Copper	63-2	2000.59	2003.62	1970.09	1991.43	0.93	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				111		%
Holmium	165-2				111		%
Indium	115-1				106		%
Indium	115-2				103		%
Iron	56-2	51549.21	50709.22	50698.68	50985.70	0.96	ppb
Iron	57-2	52251.68	51736.75	51008.17	51665.53	1.21	ppb
Krypton	83-1						cps
Lead	207-1	1019.30	996.06	995.35	1003.57	1.36	ppb
Lead	208-1	1015.90	993.12	996.78	1001.93	1.22	ppb
Lead	206-1	1022.80	994.52	989.86	1002.40	1.78	ppb
Lithium	6-1				135		%
Magnesium	24-2	102599.01	101016.93	97834.57	100483.50	2.41	ppb

LB Number :	LB102143	Operator :	Jaswal
Lab Sample ID :	S7	Instrumnet Name :	P8
Client Sample ID :	S7	Dilution Factor :	1
Date & Time Acquired ::	2019-04-16 15:25:34	DataFile Name :	010CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	2019.11	1994.48	1973.07	1995.55	1.15	ppb
Molybdenum	94-1	4964.99	5062.48	4905.18	4977.55	1.60	ppb
Molybdenum	95-1	4963.92	5045.92	4932.28	4980.71	1.18	ppb
Molybdenum	96-1	4935.28	5064.09	4938.07	4979.15	1.48	ppb
Molybdenum	97-1	4975.85	5039.85	4891.49	4969.06	1.50	ppb
Molybdenum	98-1	4986.50	5046.73	4885.84	4973.02	1.63	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	1000.90	997.13	985.20	994.41	0.82	ppb
Phosphorus	31-2	19949.79	19879.37	19955.90	19928.35	0.21	ppb
Potassium	39-2	49426.79	49148.65	49020.86	49198.77	0.42	ppb
Rhodium	103-1				104		%
Rhodium	103-2				101		%
Scandium	45-1				106		%
Scandium	45-2				104		%
Selenium	77-2	1001.42	970.65	1027.51	999.86	2.85	ppb
Selenium	78-2	979.39	1001.19	1001.55	994.04	1.28	ppb
Selenium	82-1	989.59	1000.74	985.59	991.97	0.79	ppb
Silicon	28-1	1051.11	1012.59	1001.07	1021.59	2.57	ppb
Silver	109-1	1003.65	991.75	998.53	997.98	0.60	ppb
Silver	107-1	986.86	1004.87	1002.25	997.99	0.98	ppb
Sodium	23-2	101262.78	99716.00	98291.40	99756.73	1.49	ppb
Strontium	86-1	997.40	1008.17	995.56	1000.38	0.68	ppb
Strontium	88-1	991.88	996.24	998.04	995.39	0.32	ppb
Sulfur	34-1	21315.71	20944.80	20012.97	20757.83	3.23	ppb
Terbium	159-1				110		%
Terbium	159-2				109		%
Thallium	203-1	1031.79	986.06	992.12	1003.32	2.48	ppb
Thallium	205-1	1008.28	987.37	994.43	996.70	1.07	ppb
Tin	118-1	991.67	997.00	1005.25	997.97	0.69	ppb
Titanium	47-1	5092.24	4948.13	4960.92	5000.43	1.60	ppb
Uranium	238-1	997.30	995.17	995.06	995.84	0.13	ppb
Vanadium	51-2	1003.42	1008.25	991.05	1000.91	0.89	ppb
Yttrium	89-1				109		%
Yttrium	89-2				106		%
Zinc	66-2	2000.97	1995.07	1974.24	1990.09	0.71	ppb

LB Number :	LB102143	Operator :	Jaswal
Lab Sample ID :	S7	Instrumnet Name :	P8
Client Sample ID :	S7	Dilution Factor :	1
Date & Time Acquired ::	2019-04-16 15:25:34	DataFile Name :	010CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	90-1	992.15	999.03	990.70	993.96	0.45	ppb
Zirconium	91-1	1002.84	1012.88	988.74	1001.49	1.21	ppb

LB Number :	LB102143	Operator :	Jaswal
Lab Sample ID :	S8	Instrumnet Name :	P8
Client Sample ID :	S8	Dilution Factor :	1
Date & Time Acquired ::	2019-04-16 15:29:03	DataFile Name :	011CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	99985.32	101692.07	99246.06	100307.82	1.25	ppb
Antimony	121-1	1.04	1.08	1.04	1.06	2.28	ppb
Arsenic	75-2	1.45	1.43	1.73	1.54	10.72	ppb
Barium	135-1	0.58	0.55	0.64	0.59	8.02	ppb
Barium	137-1	0.61	0.54	0.60	0.58	6.09	ppb
Beryllium	9-1	0.11	0.11	0.03	0.08	55.69	ppb
Bismuth	209-1				93		%
Bismuth	209-2				95		%
Boron	11-1	16.82	14.39	13.40	14.87	11.83	ppb
Boron	10-1	17.06	17.34	16.22	16.87	3.43	ppb
Cadmium	106-1	5.47	0.62	8.90	5.00	83.23	ppb
Cadmium	108-1	0.03	0.57	-0.01	0.20	166.93	ppb
Cadmium	111-1	0.15	0.05	0.24	0.15	62.68	ppb
Calcium	43-1	496197.11	502353.52	496548.64	498366.42	0.69	ppb
Calcium	44-1	496456.35	505289.96	494851.33	498865.88	1.13	ppb
Chromium	52-2	4.13	4.31	4.35	4.26	2.80	ppb
Cobalt	59-2	11.11	11.19	11.03	11.11	0.70	ppb
Copper	63-2	2.60	2.75	2.55	2.63	3.97	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				102		%
Holmium	165-2				104		%
Indium	115-1				98		%
Indium	115-2				102		%
Iron	56-2	252726.15	248991.07	247339.28	249685.50	1.11	ppb
Iron	57-2	251270.57	250110.76	247211.80	249531.04	0.84	ppb
Krypton	83-1						cps
Lead	207-1	1.57	1.55	1.74	1.62	6.47	ppb
Lead	208-1	1.57	1.53	1.72	1.61	6.48	ppb
Lead	206-1	1.51	1.62	1.68	1.60	5.37	ppb
Lithium	6-1				137		%
Magnesium	24-2	500071.69	498676.37	500442.02	499730.03	0.19	ppb

LB Number :	LB102143	Operator :	Jaswal
Lab Sample ID :	S8	Instrumnet Name :	P8
Client Sample ID :	S8	Dilution Factor :	1
Date & Time Acquired ::	2019-04-16 15:29:03	DataFile Name :	011CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	5.33	5.57	5.42	5.44	2.20	ppb
Molybdenum	94-1	1.66	1.75	1.78	1.73	3.62	ppb
Molybdenum	95-1	2.01	1.90	1.81	1.90	5.24	ppb
Molybdenum	96-1	2.49	2.38	2.03	2.30	10.38	ppb
Molybdenum	97-1	1.86	1.84	1.80	1.83	1.69	ppb
Molybdenum	98-1	2.00	1.74	1.79	1.85	7.53	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	10.67	10.68	10.45	10.60	1.20	ppb
Phosphorus	31-2	9.13	3.61	-2.54	3.40	171.73	ppb
Potassium	39-2	249177.53	251550.36	249917.63	250215.18	0.49	ppb
Rhodium	103-1				96		%
Rhodium	103-2				95		%
Scandium	45-1				108		%
Scandium	45-2				106		%
Selenium	77-2	1.29	-1.37	2.51	0.81	245.03	ppb
Selenium	78-2	0.00	0.82	1.21	0.68	90.94	ppb
Selenium	82-1	0.27	1.45	0.64	0.79	76.48	ppb
Silicon	28-1	-19.65	10.84	-31.92	-13.58		ppb
Silver	109-1	0.11	0.10	0.11	0.11	4.90	ppb
Silver	107-1	0.10	0.09	0.12	0.10	14.41	ppb
Sodium	23-2	496819.12	496304.91	506823.95	499982.66	1.19	ppb
Strontium	86-1	4.14	3.95	4.21	4.10	3.25	ppb
Strontium	88-1	4.20	4.11	4.06	4.12	1.71	ppb
Sulfur	34-1	-3966.71	-3524.02	-4020.94	-3837.22		ppb
Terbium	159-1				101		%
Terbium	159-2				103		%
Thallium	203-1	0.07	0.07	0.08	0.07	7.68	ppb
Thallium	205-1	0.06	0.05	0.04	0.05	23.75	ppb
Tin	118-1	0.30	0.26	0.35	0.30	14.58	ppb
Titanium	47-1	-0.61	-2.12	-1.44	-1.39		ppb
Uranium	238-1	0.04	0.04	0.03	0.04	12.21	ppb
Vanadium	51-2	0.09	0.09	0.14	0.11	25.61	ppb
Yttrium	89-1				103		%
Yttrium	89-2				105		%
Zinc	66-2	16.43	16.24	15.67	16.11	2.47	ppb

LB Number :	LB102143	Operator :	Jaswal
Lab Sample ID :	S8	Instrumnet Name :	P8
Client Sample ID :	S8	Dilution Factor :	1
Date & Time Acquired ::	2019-04-16 15:29:03	DataFile Name :	011CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	90-1	0.20	0.24	0.22	0.22	9.25	ppb
Zirconium	91-1	0.22	0.23	0.32	0.26	20.30	ppb

LB Number :	LB102143	Operator :	Jaswal
Lab Sample ID :	ICV01	Instrumnet Name :	P8
Client Sample ID :	ICV01	Dilution Factor :	1
Date & Time Acquired ::	2019-04-16 15:35:37	DataFile Name :	012ICV01.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	465.60	463.78	496.35	475.24	3.85	ppb
Antimony	121-1	194.63	193.68	192.32	193.55	0.60	ppb
Arsenic	75-2	192.96	199.36	198.74	197.02	1.79	ppb
Barium	135-1	99.58	97.22	97.81	98.20	1.25	ppb
Barium	137-1	98.47	98.02	95.95	97.48	1.38	ppb
Beryllium	9-1	98.91	98.53	98.49	98.65	0.23	ppb
Bismuth	209-1				94		%
Bismuth	209-2				97		%
Boron	11-1	3.44	1.62	1.65	2.24	46.74	ppb
Boron	10-1	4.11	3.14	2.31	3.19	28.31	ppb
Cadmium	106-1	91.90	95.12	87.38	91.46	4.25	ppb
Cadmium	108-1	92.26	89.35	88.89	90.17	2.02	ppb
Cadmium	111-1	101.03	101.24	99.03	100.43	1.22	ppb
Calcium	43-1	2059.78	2061.69	2001.95	2041.14	1.66	ppb
Calcium	44-1	2097.35	2045.43	2033.93	2058.90	1.64	ppb
Chromium	52-2	95.94	94.93	95.28	95.38	0.54	ppb
Cobalt	59-2	96.29	96.20	97.93	96.81	1.00	ppb
Copper	63-2	98.25	98.20	98.79	98.41	0.33	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				96		%
Holmium	165-2				100		%
Indium	115-1				98		%
Indium	115-2				102		%
Iron	56-2	1022.76	1013.41	1015.47	1017.22	0.48	ppb
Iron	57-2	1018.51	1009.58	1026.38	1018.16	0.83	ppb
Krypton	83-1						cps
Lead	207-1	188.87	187.83	189.57	188.76	0.46	ppb
Lead	208-1	192.38	191.97	193.49	192.61	0.41	ppb
Lead	206-1	196.17	196.81	197.88	196.95	0.44	ppb
Lithium	6-1				115		%
Magnesium	24-2	1246.49	1223.55	1240.15	1236.73	0.96	ppb

LB Number :	LB102143	Operator :	Jaswal
Lab Sample ID :	ICV01	Instrumnet Name :	P8
Client Sample ID :	ICV01	Dilution Factor :	1
Date & Time Acquired ::	2019-04-16 15:35:37	DataFile Name :	012ICV01.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	93.56	95.56	93.35	94.16	1.29	ppb
Molybdenum	94-1	0.05	0.07	0.08	0.07	19.99	ppb
Molybdenum	95-1	0.01	0.01	-0.02	0.00		ppb
Molybdenum	96-1	0.07	0.06	0.06	0.06	8.61	ppb
Molybdenum	97-1	0.02	0.06	0.10	0.06	65.75	ppb
Molybdenum	98-1	0.02	0.03	0.02	0.02	12.22	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	100.41	98.31	101.06	99.93	1.44	ppb
Phosphorus	31-2	-1.48	-23.64	4.05	-7.02		ppb
Potassium	39-2	2004.84	1931.08	1957.20	1964.37	1.90	ppb
Rhodium	103-1				100		%
Rhodium	103-2				99		%
Scandium	45-1				104		%
Scandium	45-2				105		%
Selenium	77-2	178.83	199.37	208.71	195.64	7.81	ppb
Selenium	78-2	194.58	201.11	194.60	196.76	1.91	ppb
Selenium	82-1	202.18	201.42	201.94	201.85	0.19	ppb
Silicon	28-1	100.00	63.81	39.88	67.90	44.57	ppb
Silver	109-1	101.90	101.32	100.32	101.18	0.79	ppb
Silver	107-1	102.93	102.49	99.98	101.80	1.56	ppb
Sodium	23-2	2158.20	2096.71	2166.35	2140.42	1.78	ppb
Strontium	86-1	2.21	2.47	2.35	2.34	5.71	ppb
Strontium	88-1	2.22	2.20	2.34	2.25	3.29	ppb
Sulfur	34-1	-3112.47	-3106.87	-3383.83	-3201.06		ppb
Terbium	159-1				97		%
Terbium	159-2				100		%
Thallium	203-1	192.48	194.42	192.87	193.26	0.53	ppb
Thallium	205-1	194.18	196.70	196.39	195.76	0.70	ppb
Tin	118-1	-0.03	0.02	0.01	0.00	1119.36	ppb
Titanium	47-1	-0.43	0.66	-0.58	-0.11		ppb
Uranium	238-1	0.01	0.01	0.00	0.01	89.12	ppb
Vanadium	51-2	95.20	94.28	94.64	94.71	0.49	ppb
Yttrium	89-1				102		%
Yttrium	89-2				103		%
Zinc	66-2	191.60	196.57	200.48	196.22	2.27	ppb

LB Number :	LB102143	Operator :	Jaswal
Lab Sample ID :	ICV01	Instrumnet Name :	P8
Client Sample ID :	ICV01	Dilution Factor :	1
Date & Time Acquired ::	2019-04-16 15:35:37	DataFile Name :	012ICV01.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	90-1	0.03	0.02	0.01	0.02	32.33	ppb
Zirconium	91-1	0.08	0.14	0.11	0.11	26.59	ppb

LB Number :	LB102143	Operator :	Jaswal
Lab Sample ID :	LLICV01	Instrumnet Name :	P8
Client Sample ID :	LLICV01	Dilution Factor :	1
Date & Time Acquired ::	2019-04-16 15:42:00	DataFile Name :	013LLIC.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	17.93	18.49	17.36	17.92	3.15	ppb
Antimony	121-1	1.73	1.75	1.99	1.82	8.00	ppb
Arsenic	75-2	0.76	0.94	0.83	0.84	10.65	ppb
Barium	135-1	9.27	9.18	10.59	9.68	8.16	ppb
Barium	137-1	9.23	8.79	10.85	9.62	11.28	ppb
Beryllium	9-1	0.78	0.86	1.01	0.89	13.25	ppb
Bismuth	209-1				91		%
Bismuth	209-2				95		%
Boron	11-1	21.67	21.01	23.28	21.98	5.32	ppb
Boron	10-1	22.94	19.36	28.20	23.50	18.92	ppb
Cadmium	106-1	10.26	5.50	7.21	7.66	31.47	ppb
Cadmium	108-1	1.14	0.74	1.11	1.00	22.67	ppb
Cadmium	111-1	1.16	1.02	1.01	1.06	7.91	ppb
Calcium	43-1	453.51	415.25	533.08	467.28	12.86	ppb
Calcium	44-1	458.78	440.94	521.54	473.75	8.94	ppb
Chromium	52-2	1.92	1.76	1.59	1.76	9.58	ppb
Cobalt	59-2	0.88	0.93	0.89	0.90	3.22	ppb
Copper	63-2	1.90	1.90	2.00	1.93	2.94	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				93		%
Holmium	165-2				96		%
Indium	115-1				97		%
Indium	115-2				100		%
Iron	56-2	53.61	52.51	53.12	53.08	1.05	ppb
Iron	57-2	54.15	48.72	50.86	51.24	5.34	ppb
Krypton	83-1						cps
Lead	207-1	0.89	1.02	1.14	1.02	12.46	ppb
Lead	208-1	0.93	0.97	1.15	1.02	11.87	ppb
Lead	206-1	0.99	0.98	1.13	1.04	8.27	ppb
Lithium	6-1				102		%
Magnesium	24-2	503.33	466.87	478.85	483.02	3.85	ppb

LB Number :	LB102143	Operator :	Jaswal
Lab Sample ID :	LLICV01	Instrumnet Name :	P8
Client Sample ID :	LLICV01	Dilution Factor :	1
Date & Time Acquired ::	2019-04-16 15:42:00	DataFile Name :	013LLIC.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	0.85	0.96	0.72	0.84	14.27	ppb
Molybdenum	94-1	4.43	4.29	5.37	4.70	12.44	ppb
Molybdenum	95-1	4.38	4.90	4.72	4.67	5.67	ppb
Molybdenum	96-1	4.61	4.50	5.12	4.74	7.02	ppb
Molybdenum	97-1	4.25	4.66	4.89	4.60	7.05	ppb
Molybdenum	98-1	4.56	4.48	5.20	4.74	8.33	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.84	1.02	0.80	0.89	12.82	ppb
Phosphorus	31-2	54.90	-0.67	33.34	29.19	95.98	ppb
Potassium	39-2	433.24	442.35	478.06	451.22	5.25	ppb
Rhodium	103-1				98		%
Rhodium	103-2				98		%
Scandium	45-1				101		%
Scandium	45-2				103		%
Selenium	77-2	6.79	4.09	2.76	4.55	45.21	ppb
Selenium	78-2	6.27	4.07	4.12	4.82	26.03	ppb
Selenium	82-1	5.03	5.00	4.32	4.78	8.43	ppb
Silicon	28-1	81.10	30.94	247.83	119.96	94.66	ppb
Silver	109-1	1.09	1.10	1.20	1.13	5.36	ppb
Silver	107-1	1.12	1.10	1.34	1.18	11.16	ppb
Sodium	23-2	559.78	543.68	552.42	551.96	1.46	ppb
Strontium	86-1	0.95	0.78	1.04	0.92	14.13	ppb
Strontium	88-1	0.89	0.84	0.98	0.90	7.47	ppb
Sulfur	34-1	-3355.76	-3603.28	-1370.86	-2776.63		ppb
Terbium	159-1				93		%
Terbium	159-2				98		%
Thallium	203-1	0.75	0.89	0.92	0.85	10.83	ppb
Thallium	205-1	0.88	0.89	0.92	0.90	1.92	ppb
Tin	118-1	4.76	4.63	5.13	4.84	5.34	ppb
Titanium	47-1	4.63	4.58	6.00	5.07	15.91	ppb
Uranium	238-1	0.74	0.82	0.90	0.82	10.01	ppb
Vanadium	51-2	4.51	4.54	4.73	4.59	2.60	ppb
Yttrium	89-1				99		%
Yttrium	89-2				100		%
Zinc	66-2	1.72	1.60	1.86	1.73	7.29	ppb

LB Number :	LB102143	Operator :	Jaswal
Lab Sample ID :	LLICV01	Instrumnet Name :	P8
Client Sample ID :	LLICV01	Dilution Factor :	1
Date & Time Acquired ::	2019-04-16 15:42:00	DataFile Name :	013LLIC.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	90-1	0.85	0.85	1.00	0.90	9.84	ppb
Zirconium	91-1	0.96	0.73	0.91	0.87	13.80	ppb

LB Number : LB102143 Operator : Jaswal
 Lab Sample ID : ICB01 Instrumnet Name : P8
 Client Sample ID : ICB01 Dilution Factor : 1
 Date & Time Acquired :: 2019-04-16 15:46:03 DataFile Name : 014CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	0.96	-0.74	0.16	0.13	673.22	ppb
Antimony	121-1	0.01	0.03	0.02	0.02	43.03	ppb
Arsenic	75-2	0.02	-0.02	-0.04	-0.01		ppb
Barium	135-1	-0.02	-0.01	-0.02	-0.01		ppb
Barium	137-1	-0.01	-0.04	-0.06	-0.04		ppb
Beryllium	9-1	0.00	0.04	-0.01	0.01	275.38	ppb
Bismuth	209-1				91		%
Bismuth	209-2				94		%
Boron	11-1	-4.29	-3.44	-2.22	-3.32		ppb
Boron	10-1	-1.56	-3.97	-2.87	-2.80		ppb
Cadmium	106-1	6.13	9.51	2.85	6.16	54.03	ppb
Cadmium	108-1	0.01	0.42	-0.05	0.12	205.24	ppb
Cadmium	111-1	0.12	0.20	0.06	0.12	56.67	ppb
Calcium	43-1	3.35	-5.50	1.42	-0.24		ppb
Calcium	44-1	6.74	4.63	6.18	5.85	18.68	ppb
Chromium	52-2	-0.08	0.00	-0.02	-0.03		ppb
Cobalt	59-2	-0.01	-0.01	0.01	0.00		ppb
Copper	63-2	0.04	0.09	0.06	0.06	41.60	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				95		%
Holmium	165-2				97		%
Indium	115-1				96		%
Indium	115-2				99		%
Iron	56-2	-0.32	-0.51	-0.41	-0.42		ppb
Iron	57-2	-1.31	1.19	1.79	0.56	296.05	ppb
Krypton	83-1						cps
Lead	207-1	0.01	0.09	0.11	0.07	72.16	ppb
Lead	208-1	0.04	0.06	0.04	0.05	28.24	ppb
Lead	206-1	0.08	0.03	0.09	0.07	51.57	ppb
Lithium	6-1				101		%
Magnesium	24-2	0.63	0.83	0.07	0.51	76.42	ppb

LB Number :	LB102143	Operator :	Jaswal
Lab Sample ID :	ICB01	Instrumnet Name :	P8
Client Sample ID :	ICB01	Dilution Factor :	1
Date & Time Acquired ::	2019-04-16 15:46:03	DataFile Name :	014CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	0.00	0.02	0.00	0.00	279.65	ppb
Molybdenum	94-1	-0.03	-0.04	0.01	-0.02		ppb
Molybdenum	95-1	-0.02	-0.01	-0.03	-0.02		ppb
Molybdenum	96-1	-0.01	-0.01	-0.02	-0.01		ppb
Molybdenum	97-1	0.00	-0.01	0.00	0.00		ppb
Molybdenum	98-1	-0.02	0.00	-0.02	-0.01		ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.00	-0.02	-0.03	-0.01		ppb
Phosphorus	31-2	0.26	-28.09	-23.16	-17.00		ppb
Potassium	39-2	-4.14	5.08	-9.56	-2.87		ppb
Rhodium	103-1				99		%
Rhodium	103-2				97		%
Scandium	45-1				102		%
Scandium	45-2				101		%
Selenium	77-2	-1.37	-1.37	-1.37	-1.37		ppb
Selenium	78-2	1.19	0.10	0.11	0.47	134.03	ppb
Selenium	82-1	-0.28	0.57	0.50	0.27	177.74	ppb
Silicon	28-1	117.57	55.16	73.53	82.09	39.07	ppb
Silver	109-1	0.02	0.04	0.01	0.02	72.77	ppb
Silver	107-1	0.01	0.02	0.04	0.02	57.85	ppb
Sodium	23-2	83.88	81.95	69.93	78.59	9.62	ppb
Strontium	86-1	0.05	0.09	-0.13	0.00	2616.57	ppb
Strontium	88-1	0.00	0.00	0.00	0.00		ppb
Sulfur	34-1	-2705.57	-2730.47	-2892.00	-2776.01		ppb
Terbium	159-1				94		%
Terbium	159-2				96		%
Thallium	203-1	0.00	-0.03	0.01	-0.01		ppb
Thallium	205-1	-0.01	-0.01	0.01	0.00		ppb
Tin	118-1	0.01	0.00	-0.03	0.00		ppb
Titanium	47-1	-0.35	0.58	1.63	0.62	160.18	ppb
Uranium	238-1	-0.01	0.00	0.00	0.00		ppb
Vanadium	51-2	-0.02	-0.04	-0.03	-0.03		ppb
Yttrium	89-1				100		%
Yttrium	89-2				99		%
Zinc	66-2	-0.03	-0.05	-0.10	-0.06		ppb

LB Number :	LB102143	Operator :	Jaswal
Lab Sample ID :	ICB01	Instrumnet Name :	P8
Client Sample ID :	ICB01	Dilution Factor :	1
Date & Time Acquired ::	2019-04-16 15:46:03	DataFile Name :	014CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	90-1	0.01	-0.01	-0.01	0.00		ppb
Zirconium	91-1	0.02	0.03	0.02	0.02	25.01	ppb

LB Number :	LB102143	Operator :	Jaswal
Lab Sample ID :	ICSA01	Instrumnet Name :	P8
Client Sample ID :	ICSA01	Dilution Factor :	1
Date & Time Acquired ::	2019-04-16 15:49:35	DataFile Name :	015ICSA01.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	86956.01	88190.13	86590.01	87245.38	0.96	ppb
Antimony	121-1	1.24	1.19	1.32	1.25	5.04	ppb
Arsenic	75-2	0.30	0.36	0.47	0.38	23.95	ppb
Barium	135-1	1.57	1.55	1.37	1.50	7.55	ppb
Barium	137-1	1.35	1.40	1.67	1.47	11.51	ppb
Beryllium	9-1	0.31	0.25	0.40	0.32	23.73	ppb
Bismuth	209-1				96		%
Bismuth	209-2				97		%
Boron	11-1	-3.64	-2.24	-2.97	-2.95		ppb
Boron	10-1	-2.49	-1.63	-1.65	-1.92		ppb
Cadmium	106-1	-2.02	-1.49	2.58	-0.31		ppb
Cadmium	108-1	9.25	10.37	9.31	9.65	6.54	ppb
Cadmium	111-1	0.61	0.64	0.86	0.70	19.70	ppb
Calcium	43-1	104760.63	104801.98	105419.90	104994.17	0.35	ppb
Calcium	44-1	101265.27	102373.16	102158.35	101932.26	0.58	ppb
Chromium	52-2	20.44	20.61	20.42	20.49	0.49	ppb
Cobalt	59-2	1.14	1.24	1.12	1.17	5.36	ppb
Copper	63-2	8.64	9.23	8.64	8.84	3.80	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				100		%
Holmium	165-2				104		%
Indium	115-1				100		%
Indium	115-2				102		%
Iron	56-2	101899.32	103719.01	102196.73	102605.02	0.95	ppb
Iron	57-2	104348.74	106209.69	104669.35	105075.93	0.95	ppb
Krypton	83-1						cps
Lead	207-1	4.32	4.24	4.36	4.31	1.49	ppb
Lead	208-1	4.51	4.48	4.41	4.47	1.15	ppb
Lead	206-1	4.95	4.99	4.59	4.84	4.47	ppb
Lithium	6-1				104		%
Magnesium	24-2	99154.42	101787.55	99021.59	99987.85	1.56	ppb

LB Number :	LB102143	Operator :	Jaswal
Lab Sample ID :	ICSA01	Instrumnet Name :	P8
Client Sample ID :	ICSA01	Dilution Factor :	1
Date & Time Acquired ::	2019-04-16 15:49:35	DataFile Name :	015ICSA01.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	8.02	7.89	8.11	8.01	1.39	ppb
Molybdenum	94-1	1402.89	1417.20	1373.33	1397.81	1.60	ppb
Molybdenum	95-1	1988.96	2005.25	1927.58	1973.93	2.07	ppb
Molybdenum	96-1	1931.04	1942.66	1881.47	1918.39	1.69	ppb
Molybdenum	97-1	2030.70	2018.51	1959.82	2003.01	1.89	ppb
Molybdenum	98-1	1993.83	1991.82	1951.83	1979.16	1.20	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	5.48	5.56	5.51	5.52	0.73	ppb
Phosphorus	31-2	100161.40	101580.20	99868.85	100536.81	0.91	ppb
Potassium	39-2	98010.21	99640.66	99290.90	98980.59	0.87	ppb
Rhodium	103-1				97		%
Rhodium	103-2				97		%
Scandium	45-1				103		%
Scandium	45-2				103		%
Selenium	77-2	-1.37	-0.04	-1.37	-0.93		ppb
Selenium	78-2	0.68	-0.86	0.66	0.16	555.82	ppb
Selenium	82-1	0.12	0.09	1.15	0.45	133.76	ppb
Silicon	28-1	2.90	3.13	17.76	7.93	107.37	ppb
Silver	109-1	0.40	0.44	0.56	0.47	17.23	ppb
Silver	107-1	0.43	0.47	0.57	0.49	14.58	ppb
Sodium	23-2	100201.06	101077.35	99632.44	100303.62	0.73	ppb
Strontium	86-1	35.07	34.89	33.99	34.65	1.67	ppb
Strontium	88-1	35.15	34.76	34.72	34.88	0.69	ppb
Sulfur	34-1	94877.25	94856.16	94486.20	94739.87	0.23	ppb
Terbium	159-1				100		%
Terbium	159-2				103		%
Thallium	203-1	0.06	0.08	0.08	0.07	15.39	ppb
Thallium	205-1	0.13	0.07	0.06	0.09	43.06	ppb
Tin	118-1	0.22	0.19	0.23	0.21	9.99	ppb
Titanium	47-1	2028.44	2060.45	2042.14	2043.68	0.79	ppb
Uranium	238-1	0.01	0.01	0.01	0.01	13.37	ppb
Vanadium	51-2	0.13	0.10	0.14	0.12	14.27	ppb
Yttrium	89-1				103		%
Yttrium	89-2				103		%
Zinc	66-2	11.68	11.74	12.37	11.93	3.20	ppb

LB Number :	LB102143	Operator :	Jaswal
Lab Sample ID :	ICSA01	Instrumnet Name :	P8
Client Sample ID :	ICSA01	Dilution Factor :	1
Date & Time Acquired ::	2019-04-16 15:49:35	DataFile Name :	015ICSA01.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	90-1	0.02	0.01	0.01	0.01	37.44	ppb
Zirconium	91-1	0.05	0.04	0.02	0.04	32.52	ppb

LB Number :	LB102143	Operator :	Jaswal
Lab Sample ID :	ICSAB01	Instrumnet Name :	P8
Client Sample ID :	ICSAB01	Dilution Factor :	1
Date & Time Acquired ::	2019-04-16 15:52:59	DataFile Name :	016ICSB.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	86418.31	85645.20	85562.96	85875.49	0.55	ppb
Antimony	121-1	21.10	21.49	20.94	21.18	1.33	ppb
Arsenic	75-2	19.53	20.73	19.88	20.04	3.07	ppb
Barium	135-1	21.47	22.19	20.91	21.52	2.97	ppb
Barium	137-1	21.63	21.65	20.77	21.35	2.34	ppb
Beryllium	9-1	21.44	20.65	21.73	21.27	2.64	ppb
Bismuth	209-1				95		%
Bismuth	209-2				98		%
Boron	11-1	66.43	64.36	65.06	65.28	1.61	ppb
Boron	10-1	74.34	57.25	66.80	66.13	12.95	ppb
Cadmium	106-1	23.63	20.94	29.10	24.55	16.94	ppb
Cadmium	108-1	33.40	31.82	33.35	32.86	2.73	ppb
Cadmium	111-1	20.86	20.33	20.95	20.71	1.61	ppb
Calcium	43-1	102728.16	101889.14	103889.62	102835.64	0.98	ppb
Calcium	44-1	101297.03	100008.20	100454.41	100586.55	0.65	ppb
Chromium	52-2	40.83	40.29	39.23	40.12	2.02	ppb
Cobalt	59-2	21.49	21.36	20.93	21.26	1.39	ppb
Copper	63-2	29.51	29.12	28.11	28.91	2.50	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				102		%
Holmium	165-2				105		%
Indium	115-1				101		%
Indium	115-2				103		%
Iron	56-2	102058.37	102133.44	99318.33	101170.05	1.59	ppb
Iron	57-2	105663.96	104996.74	101181.71	103947.47	2.33	ppb
Krypton	83-1						cps
Lead	207-1	23.51	23.57	23.47	23.52	0.21	ppb
Lead	208-1	24.45	24.44	24.21	24.37	0.56	ppb
Lead	206-1	26.09	25.98	25.51	25.86	1.20	ppb
Lithium	6-1				105		%
Magnesium	24-2	100110.62	99228.47	98499.42	99279.51	0.81	ppb

LB Number :	LB102143	Operator :	Jaswal
Lab Sample ID :	ICSAB01	Instrumnet Name :	P8
Client Sample ID :	ICSAB01	Dilution Factor :	1
Date & Time Acquired ::	2019-04-16 15:52:59	DataFile Name :	016ICSB.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	28.71	26.61	26.24	27.18	4.90	ppb
Molybdenum	94-1	1529.59	1514.15	1501.79	1515.18	0.92	ppb
Molybdenum	95-1	2032.26	2015.60	2018.64	2022.17	0.44	ppb
Molybdenum	96-1	1952.75	1960.37	1954.82	1955.98	0.20	ppb
Molybdenum	97-1	2033.00	2061.96	2011.71	2035.56	1.24	ppb
Molybdenum	98-1	1997.88	2015.05	2008.49	2007.14	0.43	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	26.33	26.29	24.80	25.81	3.38	ppb
Phosphorus	31-2	100922.08	98686.67	98029.07	99212.61	1.53	ppb
Potassium	39-2	100130.95	97288.78	96335.95	97918.56	2.02	ppb
Rhodium	103-1				99		%
Rhodium	103-2				98		%
Scandium	45-1				104		%
Scandium	45-2				103		%
Selenium	77-2	9.13	22.33	22.46	17.97	42.61	ppb
Selenium	78-2	24.14	19.94	18.55	20.88	13.95	ppb
Selenium	82-1	20.45	19.62	20.75	20.27	2.89	ppb
Silicon	28-1	80.37	46.32	75.15	67.28	27.25	ppb
Silver	109-1	19.93	19.38	19.87	19.73	1.52	ppb
Silver	107-1	20.25	19.79	19.99	20.01	1.17	ppb
Sodium	23-2	101294.38	100084.61	97470.90	99616.63	1.96	ppb
Strontium	86-1	93.38	93.21	93.83	93.47	0.34	ppb
Strontium	88-1	95.46	96.49	96.04	95.99	0.54	ppb
Sulfur	34-1	93854.71	91023.87	91331.79	92070.12	1.69	ppb
Terbium	159-1				102		%
Terbium	159-2				104		%
Thallium	203-1	20.34	20.45	19.84	20.21	1.61	ppb
Thallium	205-1	20.94	20.52	20.29	20.58	1.61	ppb
Tin	118-1	62.72	62.37	62.62	62.57	0.29	ppb
Titanium	47-1	2116.56	2062.44	2065.45	2081.48	1.46	ppb
Uranium	238-1	63.26	63.49	63.68	63.48	0.33	ppb
Vanadium	51-2	19.61	20.08	19.67	19.79	1.30	ppb
Yttrium	89-1				104		%
Yttrium	89-2				104		%
Zinc	66-2	31.52	31.57	32.85	31.98	2.36	ppb

LB Number :	LB102143	Operator :	Jaswal
Lab Sample ID :	ICSAB01	Instrumnet Name :	P8
Client Sample ID :	ICSAB01	Dilution Factor :	1
Date & Time Acquired ::	2019-04-16 15:52:59	DataFile Name :	016ICSB.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	90-1	63.60	64.25	63.05	63.63	0.94	ppb
Zirconium	91-1	63.19	64.15	63.35	63.56	0.81	ppb

LB Number :	LB102143	Operator :	Jaswal
Lab Sample ID :	CCV79	Instrumnet Name :	P8
Client Sample ID :	CCV79	Dilution Factor :	1
Date & Time Acquired ::	2019-04-16 15:56:23	DataFile Name :	017CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	52133.44	52056.59	51432.24	51874.09	0.74	ppb
Antimony	121-1	505.85	497.26	503.67	502.26	0.89	ppb
Arsenic	75-2	501.93	492.34	493.94	496.07	1.04	ppb
Barium	135-1	2513.40	2532.95	2481.94	2509.43	1.03	ppb
Barium	137-1	2473.43	2485.27	2492.20	2483.63	0.38	ppb
Beryllium	9-1	515.44	522.55	502.61	513.54	1.97	ppb
Bismuth	209-1				95		%
Bismuth	209-2				98		%
Boron	11-1	505.51	513.40	503.15	507.35	1.06	ppb
Boron	10-1	497.71	503.73	506.76	502.73	0.92	ppb
Cadmium	106-1	500.07	485.74	516.43	500.75	3.07	ppb
Cadmium	108-1	497.67	494.32	483.81	491.93	1.47	ppb
Cadmium	111-1	489.50	480.93	493.70	488.04	1.33	ppb
Calcium	43-1	253378.35	251936.44	252952.83	252755.87	0.29	ppb
Calcium	44-1	250738.29	251178.65	249426.71	250447.89	0.36	ppb
Chromium	52-2	489.09	488.38	480.79	486.09	0.95	ppb
Cobalt	59-2	478.62	482.88	474.70	478.73	0.85	ppb
Copper	63-2	941.96	933.00	930.57	935.18	0.64	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				104		%
Holmium	165-2				105		%
Indium	115-1				100		%
Indium	115-2				101		%
Iron	56-2	125261.29	127049.84	124096.85	125469.33	1.19	ppb
Iron	57-2	128138.77	128037.86	126943.01	127706.55	0.52	ppb
Krypton	83-1						cps
Lead	207-1	490.39	491.28	490.20	490.62	0.12	ppb
Lead	208-1	496.74	500.64	497.79	498.39	0.41	ppb
Lead	206-1	493.75	496.98	501.00	497.24	0.73	ppb
Lithium	6-1				126		%
Magnesium	24-2	243821.51	248141.04	243672.48	245211.68	1.04	ppb

LB Number :	LB102143	Operator :	Jaswal
Lab Sample ID :	CCV79	Instrumnet Name :	P8
Client Sample ID :	CCV79	Dilution Factor :	1
Date & Time Acquired ::	2019-04-16 15:56:23	DataFile Name :	017CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	978.98	983.72	963.81	975.50	1.07	ppb
Molybdenum	94-1	2426.05	2499.29	2461.21	2462.18	1.49	ppb
Molybdenum	95-1	2443.45	2523.99	2448.58	2472.01	1.82	ppb
Molybdenum	96-1	2435.70	2499.68	2436.87	2457.42	1.49	ppb
Molybdenum	97-1	2446.79	2544.23	2467.73	2486.25	2.06	ppb
Molybdenum	98-1	2444.81	2510.71	2452.13	2469.22	1.46	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	479.25	481.59	474.33	478.39	0.78	ppb
Phosphorus	31-2	9727.86	9822.17	9857.09	9802.37	0.68	ppb
Potassium	39-2	122371.19	121301.06	121228.21	121633.49	0.53	ppb
Rhodium	103-1				98		%
Rhodium	103-2				97		%
Scandium	45-1				108		%
Scandium	45-2				107		%
Selenium	77-2	482.84	447.54	477.75	469.38	4.07	ppb
Selenium	78-2	500.20	504.81	493.83	499.61	1.10	ppb
Selenium	82-1	483.41	504.16	485.09	490.89	2.35	ppb
Silicon	28-1	555.90	515.36	529.18	533.48	3.86	ppb
Silver	109-1	500.35	488.83	493.05	494.07	1.18	ppb
Silver	107-1	494.08	497.27	495.71	495.69	0.32	ppb
Sodium	23-2	247058.80	246485.62	239683.03	244409.15	1.68	ppb
Strontium	86-1	491.79	492.14	485.39	489.77	0.78	ppb
Strontium	88-1	496.75	500.37	489.73	495.62	1.09	ppb
Sulfur	34-1	8548.32	7647.70	7753.35	7983.12	6.17	ppb
Terbium	159-1				103		%
Terbium	159-2				104		%
Thallium	203-1	493.11	493.47	491.03	492.54	0.27	ppb
Thallium	205-1	503.16	503.70	510.27	505.71	0.78	ppb
Tin	118-1	492.25	486.99	500.73	493.32	1.40	ppb
Titanium	47-1	2482.75	2466.35	2404.01	2451.04	1.69	ppb
Uranium	238-1	510.61	519.77	505.31	511.90	1.43	ppb
Vanadium	51-2	491.97	490.75	480.62	487.78	1.28	ppb
Yttrium	89-1				105		%
Yttrium	89-2				105		%
Zinc	66-2	954.65	963.95	940.34	952.98	1.25	ppb

LB Number :	LB102143	Operator :	Jaswal
Lab Sample ID :	CCV79	Instrumnet Name :	P8
Client Sample ID :	CCV79	Dilution Factor :	1
Date & Time Acquired ::	2019-04-16 15:56:23	DataFile Name :	017CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	90-1	498.42	505.78	502.01	502.07	0.73	ppb
Zirconium	91-1	484.42	494.48	485.52	488.14	1.13	ppb

LB Number :	LB102143	Operator :	Jaswal
Lab Sample ID :	LLCCV	Instrumnet Name :	P8
Client Sample ID :	LLCCV	Dilution Factor :	1
Date & Time Acquired ::	2019-04-16 16:13:26	DataFile Name :	020LLIC.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	20.57	21.74	16.72	19.68	13.37	ppb
Antimony	121-1	1.92	1.81	2.01	1.91	5.42	ppb
Arsenic	75-2	0.93	0.96	0.98	0.96	2.98	ppb
Barium	135-1	9.97	10.08	9.30	9.78	4.31	ppb
Barium	137-1	9.64	10.08	9.84	9.85	2.27	ppb
Beryllium	9-1	0.89	1.24	0.87	1.00	20.84	ppb
Bismuth	209-1				92		%
Bismuth	209-2				94		%
Boron	11-1	19.23	21.91	20.88	20.67	6.54	ppb
Boron	10-1	18.21	24.20	19.05	20.49	15.83	ppb
Cadmium	106-1	2.45	-0.17	-1.59	0.23	898.27	ppb
Cadmium	108-1	0.47	1.11	1.05	0.87	40.56	ppb
Cadmium	111-1	1.03	1.02	0.94	1.00	5.06	ppb
Calcium	43-1	491.94	481.82	444.51	472.76	5.28	ppb
Calcium	44-1	490.53	495.00	484.16	489.90	1.11	ppb
Chromium	52-2	1.94	1.90	1.89	1.91	1.37	ppb
Cobalt	59-2	0.95	0.94	0.96	0.95	0.85	ppb
Copper	63-2	2.00	1.94	2.06	2.00	3.02	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				95		%
Holmium	165-2				97		%
Indium	115-1				97		%
Indium	115-2				100		%
Iron	56-2	52.11	52.72	52.83	52.55	0.74	ppb
Iron	57-2	52.23	51.87	48.40	50.83	4.16	ppb
Krypton	83-1						cps
Lead	207-1	0.91	0.93	1.07	0.97	9.05	ppb
Lead	208-1	0.88	0.89	0.99	0.92	6.23	ppb
Lead	206-1	0.88	0.99	1.08	0.98	10.10	ppb
Lithium	6-1				105		%
Magnesium	24-2	504.51	508.53	497.33	503.46	1.13	ppb

LB Number :	LB102143	Operator :	Jaswal
Lab Sample ID :	LLCCV	Instrumnet Name :	P8
Client Sample ID :	LLCCV	Dilution Factor :	1
Date & Time Acquired ::	2019-04-16 16:13:26	DataFile Name :	020LLIC.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	1.07	0.95	1.07	1.03	6.55	ppb
Molybdenum	94-1	4.89	5.02	5.08	5.00	1.88	ppb
Molybdenum	95-1	5.03	5.08	4.76	4.95	3.48	ppb
Molybdenum	96-1	4.85	5.22	5.00	5.02	3.64	ppb
Molybdenum	97-1	5.12	5.37	4.91	5.13	4.46	ppb
Molybdenum	98-1	4.87	5.15	5.31	5.11	4.33	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	1.01	1.01	0.88	0.97	7.72	ppb
Phosphorus	31-2	142.76	112.67	22.54	92.66	67.52	ppb
Potassium	39-2	463.31	464.85	483.53	470.56	2.39	ppb
Rhodium	103-1				99		%
Rhodium	103-2				98		%
Scandium	45-1				102		%
Scandium	45-2				101		%
Selenium	77-2	16.46	2.75	5.56	8.25	87.75	ppb
Selenium	78-2	4.77	4.33	3.48	4.19	15.60	ppb
Selenium	82-1	5.19	4.98	5.31	5.16	3.28	ppb
Silicon	28-1	90.77	95.93	46.75	77.81	34.74	ppb
Silver	109-1	1.03	1.09	1.14	1.08	5.21	ppb
Silver	107-1	1.03	1.11	1.01	1.05	4.94	ppb
Sodium	23-2	531.92	557.33	536.15	541.80	2.51	ppb
Strontium	86-1	0.77	0.78	0.97	0.84	13.51	ppb
Strontium	88-1	0.93	0.95	0.99	0.95	3.15	ppb
Sulfur	34-1	-2594.18	-2564.16	-3023.44	-2727.26		ppb
Terbium	159-1				95		%
Terbium	159-2				97		%
Thallium	203-1	0.85	0.94	0.96	0.92	6.30	ppb
Thallium	205-1	0.95	0.90	0.94	0.93	2.83	ppb
Tin	118-1	4.70	5.19	5.09	4.99	5.22	ppb
Titanium	47-1	4.50	5.49	4.44	4.81	12.31	ppb
Uranium	238-1	0.86	0.93	0.88	0.89	3.52	ppb
Vanadium	51-2	5.06	4.70	4.91	4.89	3.63	ppb
Yttrium	89-1				99		%
Yttrium	89-2				100		%
Zinc	66-2	2.13	2.22	2.02	2.12	4.79	ppb

LB Number :	LB102143	Operator :	Jaswal
Lab Sample ID :	LLCCV	Instrumnet Name :	P8
Client Sample ID :	LLCCV	Dilution Factor :	1
Date & Time Acquired ::	2019-04-16 16:13:26	DataFile Name :	020LLIC.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	90-1	0.90	0.94	0.89	0.91	3.03	ppb
Zirconium	91-1	1.02	1.02	1.00	1.01	1.12	ppb

LB Number :	LB102143	Operator :	Jaswal
Lab Sample ID :	CCB79	Instrumnet Name :	P8
Client Sample ID :	CCB79	Dilution Factor :	1
Date & Time Acquired ::	2019-04-16 16:16:57	DataFile Name :	021CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	1.61	-1.86	-0.80	-0.35		ppb
Antimony	121-1	0.01	0.00	0.00	0.00	175.26	ppb
Arsenic	75-2	0.01	0.02	-0.02	0.00	461.79	ppb
Barium	135-1	-0.04	-0.04	-0.04	-0.04		ppb
Barium	137-1	-0.06	-0.05	-0.06	-0.06		ppb
Beryllium	9-1	-0.01	-0.02	-0.05	-0.03		ppb
Bismuth	209-1				90		%
Bismuth	209-2				93		%
Boron	11-1	-4.63	-5.76	-5.46	-5.28		ppb
Boron	10-1	-1.62	-3.63	-2.73	-2.66		ppb
Cadmium	106-1	3.42	3.67	4.08	3.72	8.97	ppb
Cadmium	108-1	0.08	0.20	-0.10	0.06	263.91	ppb
Cadmium	111-1	0.07	0.08	0.08	0.07	11.81	ppb
Calcium	43-1	-25.79	-12.96	-34.43	-24.39		ppb
Calcium	44-1	-1.27	-3.40	-2.62	-2.43		ppb
Chromium	52-2	0.03	-0.02	-0.07	-0.02		ppb
Cobalt	59-2	-0.02	-0.02	-0.01	-0.01		ppb
Copper	63-2	-0.03	0.05	0.04	0.02	205.16	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				93		%
Holmium	165-2				95		%
Indium	115-1				96		%
Indium	115-2				98		%
Iron	56-2	-0.53	-0.21	0.47	-0.09		ppb
Iron	57-2	-2.47	-2.76	-1.57	-2.26		ppb
Krypton	83-1						cps
Lead	207-1	0.05	0.02	0.07	0.04	57.16	ppb
Lead	208-1	0.02	0.00	0.02	0.01	116.65	ppb
Lead	206-1	-0.03	0.02	0.07	0.02	230.59	ppb
Lithium	6-1				104		%
Magnesium	24-2	0.31	0.84	0.28	0.48	65.88	ppb

LB Number :	LB102143	Operator :	Jaswal
Lab Sample ID :	CCB79	Instrumnet Name :	P8
Client Sample ID :	CCB79	Dilution Factor :	1
Date & Time Acquired ::	2019-04-16 16:16:57	DataFile Name :	021CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	0.00	-0.02	-0.02	-0.01		ppb
Molybdenum	94-1	-0.01	-0.01	-0.03	-0.02		ppb
Molybdenum	95-1	-0.01	-0.01	-0.02	-0.01		ppb
Molybdenum	96-1	-0.01	0.00	-0.02	-0.01		ppb
Molybdenum	97-1	-0.02	-0.01	-0.03	-0.02		ppb
Molybdenum	98-1	-0.02	0.00	-0.02	-0.01		ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	-0.02	-0.03	-0.02	-0.02		ppb
Phosphorus	31-2	-16.27	-22.18	0.30	-12.72		ppb
Potassium	39-2	12.48	6.94	-1.31	6.04	114.90	ppb
Rhodium	103-1				97		%
Rhodium	103-2				96		%
Scandium	45-1				102		%
Scandium	45-2				99		%
Selenium	77-2	1.41	0.03	-1.37	0.03	5356.23	ppb
Selenium	78-2	0.33	-0.33	-1.02	-0.34		ppb
Selenium	82-1	1.65	0.60	-0.48	0.59	181.55	ppb
Silicon	28-1	57.49	76.74	57.79	64.01	17.23	ppb
Silver	109-1	0.01	0.01	0.01	0.01	24.61	ppb
Silver	107-1	0.02	0.02	0.02	0.02	11.33	ppb
Sodium	23-2	50.55	50.47	49.79	50.27	0.84	ppb
Strontium	86-1	-0.03	0.00	0.03	0.00	17976.42	ppb
Strontium	88-1	0.00	0.00	-0.01	0.00		ppb
Sulfur	34-1	-2912.57	-2238.09	-2533.77	-2561.48		ppb
Terbium	159-1				92		%
Terbium	159-2				96		%
Thallium	203-1	-0.01	-0.01	-0.01	-0.01		ppb
Thallium	205-1	-0.01	0.02	0.00	0.01	200.44	ppb
Tin	118-1	-0.01	0.00	0.01	0.00		ppb
Titanium	47-1	-0.11	-0.82	0.50	-0.14		ppb
Uranium	238-1	-0.01	0.00	0.00	0.00		ppb
Vanadium	51-2	-0.05	-0.03	-0.04	-0.04		ppb
Yttrium	89-1				98		%
Yttrium	89-2				98		%
Zinc	66-2	-0.15	0.01	0.12	0.00		ppb

LB Number :	LB102143	Operator :	Jaswal
Lab Sample ID :	CCB79	Instrumnet Name :	P8
Client Sample ID :	CCB79	Dilution Factor :	1
Date & Time Acquired ::	2019-04-16 16:16:57	DataFile Name :	021CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	90-1	0.00	-0.01	0.01	0.00		ppb
Zirconium	91-1	0.02	-0.01	0.00	0.00	653.85	ppb

LB Number :	LB102143	Operator :	Jaswal
Lab Sample ID :	CRI	Instrumnet Name :	P8
Client Sample ID :	CRI	Dilution Factor :	1
Date & Time Acquired ::	2019-04-16 16:20:29	DataFile Name :	022LLCC.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	16.32	16.26	14.40	15.66	6.97	ppb
Antimony	121-1	1.42	1.50	1.62	1.51	6.57	ppb
Arsenic	75-2	0.74	0.65	0.80	0.73	10.52	ppb
Barium	135-1	8.24	8.51	8.03	8.26	2.97	ppb
Barium	137-1	8.40	7.85	8.26	8.17	3.50	ppb
Beryllium	9-1	0.61	0.77	0.64	0.67	13.05	ppb
Bismuth	209-1				90		%
Bismuth	209-2				92		%
Boron	11-1	15.43	15.72	14.67	15.27	3.57	ppb
Boron	10-1	12.96	11.79	14.75	13.17	11.32	ppb
Cadmium	106-1	-2.93	1.72	4.62	1.14	334.75	ppb
Cadmium	108-1	0.85	0.77	1.26	0.96	27.67	ppb
Cadmium	111-1	0.64	0.74	0.92	0.76	18.62	ppb
Calcium	43-1	399.79	362.35	356.34	372.83	6.32	ppb
Calcium	44-1	391.94	395.36	395.31	394.20	0.50	ppb
Chromium	52-2	1.54	1.47	1.49	1.50	2.40	ppb
Cobalt	59-2	0.81	0.81	0.74	0.79	5.18	ppb
Copper	63-2	1.57	1.62	1.55	1.58	2.26	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				93		%
Holmium	165-2				96		%
Indium	115-1				95		%
Indium	115-2				98		%
Iron	56-2	42.80	42.53	41.68	42.34	1.38	ppb
Iron	57-2	44.57	40.94	39.60	41.71	6.17	ppb
Krypton	83-1						cps
Lead	207-1	0.75	0.73	0.79	0.76	3.42	ppb
Lead	208-1	0.74	0.71	0.72	0.72	2.66	ppb
Lead	206-1	0.75	0.75	0.67	0.72	5.92	ppb
Lithium	6-1				103		%
Magnesium	24-2	396.45	412.15	410.36	406.32	2.12	ppb

LB Number :	LB102143	Operator :	Jaswal
Lab Sample ID :	CRI	Instrumnet Name :	P8
Client Sample ID :	CRI	Dilution Factor :	1
Date & Time Acquired ::	2019-04-16 16:20:29	DataFile Name :	022LLCC.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	0.82	0.73	0.89	0.81	10.31	ppb
Molybdenum	94-1	3.98	3.92	3.98	3.96	0.83	ppb
Molybdenum	95-1	4.15	3.91	3.92	3.99	3.39	ppb
Molybdenum	96-1	3.97	3.84	4.11	3.97	3.30	ppb
Molybdenum	97-1	4.70	3.83	3.99	4.17	11.03	ppb
Molybdenum	98-1	3.97	3.86	4.28	4.04	5.41	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.85	0.77	0.89	0.84	7.15	ppb
Phosphorus	31-2	12.68	-16.46	6.15	0.79	1935.20	ppb
Potassium	39-2	394.28	399.19	368.37	387.28	4.28	ppb
Rhodium	103-1				97		%
Rhodium	103-2				96		%
Scandium	45-1				101		%
Scandium	45-2				100		%
Selenium	77-2	5.57	8.35	4.26	6.06	34.45	ppb
Selenium	78-2	3.50	4.41	7.71	5.20	42.58	ppb
Selenium	82-1	3.90	3.60	4.94	4.15	17.02	ppb
Silicon	28-1	103.17	85.40	121.80	103.46	17.59	ppb
Silver	109-1	0.92	0.92	0.93	0.92	0.70	ppb
Silver	107-1	0.98	0.87	0.93	0.93	5.88	ppb
Sodium	23-2	449.37	432.31	423.88	435.19	2.98	ppb
Strontium	86-1	0.84	0.93	0.60	0.79	21.60	ppb
Strontium	88-1	0.80	0.83	0.75	0.79	5.28	ppb
Sulfur	34-1	-1563.85	-1816.51	-1910.60	-1763.65		ppb
Terbium	159-1				94		%
Terbium	159-2				96		%
Thallium	203-1	0.69	0.74	0.71	0.71	3.45	ppb
Thallium	205-1	0.72	0.77	0.73	0.74	3.41	ppb
Tin	118-1	4.18	4.11	4.09	4.13	1.21	ppb
Titanium	47-1	3.59	2.77	4.18	3.52	20.11	ppb
Uranium	238-1	0.67	0.71	0.68	0.69	2.64	ppb
Vanadium	51-2	4.06	4.25	3.98	4.10	3.35	ppb
Yttrium	89-1				98		%
Yttrium	89-2				98		%
Zinc	66-2	1.84	1.32	1.44	1.53	18.01	ppb

LB Number :	LB102143	Operator :	Jaswal
Lab Sample ID :	CRI	Instrumnet Name :	P8
Client Sample ID :	CRI	Dilution Factor :	1
Date & Time Acquired ::	2019-04-16 16:20:29	DataFile Name :	022LLCC.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	90-1	0.79	0.77	0.74	0.76	3.46	ppb
Zirconium	91-1	0.76	0.73	0.75	0.74	2.14	ppb

LB Number : LB102143 Operator : Jaswal
 Lab Sample ID : PB118809BL Instrumnet Name : P8
 Client Sample ID : PB118809BL Dilution Factor : 1
 Date & Time Acquired :: 2019-04-16 16:24:01 DataFile Name : 023CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	0.02	-0.88	-0.97	-0.61		ppb
Antimony	121-1	0.01	0.01	0.01	0.01	27.96	ppb
Arsenic	75-2	0.01	0.00	-0.01	0.00	545.79	ppb
Barium	135-1	-0.03	-0.06	-0.05	-0.05		ppb
Barium	137-1	-0.06	-0.06	-0.04	-0.05		ppb
Beryllium	9-1	0.00	-0.01	0.05	0.01	216.33	ppb
Bismuth	209-1				90		%
Bismuth	209-2				92		%
Boron	11-1	-5.27	-5.07	-4.61	-4.98		ppb
Boron	10-1	-2.84	-5.51	-3.86	-4.07		ppb
Cadmium	106-1	4.20	-3.36	-1.14	-0.10		ppb
Cadmium	108-1	0.02	0.19	-0.10	0.04	409.12	ppb
Cadmium	111-1	0.09	-0.08	-0.03	-0.01		ppb
Calcium	43-1	-16.80	-35.55	-45.63	-32.66		ppb
Calcium	44-1	-0.56	-2.94	-0.50	-1.33		ppb
Chromium	52-2	-0.08	-0.02	-0.03	-0.04		ppb
Cobalt	59-2	-0.02	-0.02	-0.03	-0.02		ppb
Copper	63-2	-0.02	0.01	-0.03	-0.01		ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				93		%
Holmium	165-2				96		%
Indium	115-1				96		%
Indium	115-2				96		%
Iron	56-2	-0.48	-0.57	-0.33	-0.46		ppb
Iron	57-2	-2.08	1.25	-2.10	-0.98		ppb
Krypton	83-1						cps
Lead	207-1	-0.05	-0.06	-0.06	-0.06		ppb
Lead	208-1	-0.04	-0.06	-0.07	-0.06		ppb
Lead	206-1	0.00	-0.06	-0.06	-0.04		ppb
Lithium	6-1				105		%
Magnesium	24-2	0.28	0.48	-0.07	0.23	120.35	ppb

LB Number :	LB102143	Operator :	Jaswal
Lab Sample ID :	PB118809BL	Instrumnet Name :	P8
Client Sample ID :	PB118809BL	Dilution Factor :	1
Date & Time Acquired ::	2019-04-16 16:24:01	DataFile Name :	023CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	0.02	-0.01	-0.02	0.00		ppb
Molybdenum	94-1	-0.03	0.01	-0.01	-0.01		ppb
Molybdenum	95-1	-0.02	-0.03	-0.02	-0.02		ppb
Molybdenum	96-1	-0.01	-0.01	-0.02	-0.01		ppb
Molybdenum	97-1	0.00	0.00	0.00	0.00	671.73	ppb
Molybdenum	98-1	-0.03	-0.02	0.00	-0.02		ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	-0.02	-0.02	-0.05	-0.03		ppb
Phosphorus	31-2	-11.07	-4.77	-22.59	-12.81		ppb
Potassium	39-2	7.65	5.01	5.21	5.96	24.62	ppb
Rhodium	103-1				97		%
Rhodium	103-2				95		%
Scandium	45-1				101		%
Scandium	45-2				100		%
Selenium	77-2	-1.37	0.05	-1.37	-0.90		ppb
Selenium	78-2	-0.33	0.16	-0.32	-0.16		ppb
Selenium	82-1	0.82	0.00	-0.07	0.25	200.60	ppb
Silicon	28-1	84.35	98.30	77.60	86.75	12.17	ppb
Silver	109-1	0.01	0.01	0.02	0.01	82.86	ppb
Silver	107-1	0.03	0.02	0.01	0.02	33.26	ppb
Sodium	23-2	37.36	41.37	44.54	41.09	8.76	ppb
Strontium	86-1	-0.01	0.02	0.03	0.01	156.30	ppb
Strontium	88-1	0.00	0.00	0.00	0.00		ppb
Sulfur	34-1	-1451.97	-1670.00	-1670.03	-1597.33		ppb
Terbium	159-1				93		%
Terbium	159-2				95		%
Thallium	203-1	-0.01	-0.02	-0.01	-0.01		ppb
Thallium	205-1	0.00	-0.03	-0.01	-0.01		ppb
Tin	118-1	-0.03	-0.05	-0.05	-0.04		ppb
Titanium	47-1	0.80	-0.72	0.43	0.17	467.10	ppb
Uranium	238-1	-0.01	0.00	0.00	0.00		ppb
Vanadium	51-2	-0.04	-0.01	-0.03	-0.03		ppb
Yttrium	89-1				99		%
Yttrium	89-2				97		%
Zinc	66-2	0.05	-0.03	-0.03	0.00		ppb

LB Number :	LB102143	Operator :	Jaswal
Lab Sample ID :	PB118809BL	Instrumnet Name :	P8
Client Sample ID :	PB118809BL	Dilution Factor :	1
Date & Time Acquired ::	2019-04-16 16:24:01	DataFile Name :	023CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	90-1	0.01	0.00	0.01	0.01	103.50	ppb
Zirconium	91-1	0.02	0.02	0.06	0.03	67.48	ppb

LB Number :	LB102143	Operator :	Jaswal
Lab Sample ID :	PB118809BS	Instrumnet Name :	P8
Client Sample ID :	PB118809BS	Dilution Factor :	1
Date & Time Acquired ::	2019-04-16 16:27:32	DataFile Name :	024LCS6.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	9467.32	9375.96	9370.52	9404.60	0.58	ppb
Antimony	121-1	490.26	506.26	505.89	500.80	1.82	ppb
Arsenic	75-2	496.32	491.40	492.59	493.44	0.52	ppb
Barium	135-1	2429.83	2537.39	2478.17	2481.80	2.17	ppb
Barium	137-1	2459.14	2469.09	2495.21	2474.48	0.75	ppb
Beryllium	9-1	503.11	505.13	490.98	499.74	1.53	ppb
Bismuth	209-1				95		%
Bismuth	209-2				98		%
Boron	11-1	496.32	496.73	487.57	493.54	1.05	ppb
Boron	10-1	486.11	500.49	459.13	481.91	4.36	ppb
Cadmium	106-1	488.60	511.29	519.85	506.58	3.19	ppb
Cadmium	108-1	503.35	494.89	500.04	499.43	0.85	ppb
Cadmium	111-1	493.49	499.61	500.76	497.95	0.78	ppb
Calcium	43-1	50793.45	50313.97	50664.37	50590.60	0.49	ppb
Calcium	44-1	50330.15	50288.24	50585.04	50401.14	0.32	ppb
Chromium	52-2	486.14	477.93	490.90	484.99	1.35	ppb
Cobalt	59-2	474.30	469.68	484.53	476.17	1.60	ppb
Copper	63-2	972.40	949.74	979.34	967.16	1.60	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				98		%
Holmium	165-2				102		%
Indium	115-1				98		%
Indium	115-2				99		%
Iron	56-2	24829.46	24298.58	25040.73	24722.92	1.55	ppb
Iron	57-2	24948.45	24553.26	25186.15	24895.95	1.28	ppb
Krypton	83-1						cps
Lead	207-1	481.71	467.71	480.18	476.53	1.61	ppb
Lead	208-1	486.49	474.95	484.17	481.87	1.27	ppb
Lead	206-1	481.06	471.03	475.56	475.88	1.06	ppb
Lithium	6-1				125		%
Magnesium	24-2	51249.63	50300.37	51799.22	51116.41	1.48	ppb

LB Number :	LB102143	Operator :	Jaswal
Lab Sample ID :	PB118809BS	Instrumnet Name :	P8
Client Sample ID :	PB118809BS	Dilution Factor :	1
Date & Time Acquired ::	2019-04-16 16:27:32	DataFile Name :	024LCS6.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	976.58	946.69	978.19	967.15	1.83	ppb
Molybdenum	94-1	2458.91	2422.84	2449.19	2443.65	0.76	ppb
Molybdenum	95-1	2439.02	2405.01	2443.44	2429.16	0.87	ppb
Molybdenum	96-1	2437.14	2396.14	2453.18	2428.82	1.21	ppb
Molybdenum	97-1	2446.80	2403.62	2460.97	2437.13	1.23	ppb
Molybdenum	98-1	2433.18	2399.53	2410.46	2414.39	0.71	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	486.44	477.42	491.73	485.20	1.49	ppb
Phosphorus	31-2	9761.07	10002.92	9657.21	9807.07	1.81	ppb
Potassium	39-2	24813.80	24225.98	24843.15	24627.64	1.41	ppb
Rhodium	103-1				97		%
Rhodium	103-2				98		%
Scandium	45-1				104		%
Scandium	45-2				103		%
Selenium	77-2	520.63	512.67	489.15	507.48	3.23	ppb
Selenium	78-2	477.17	489.70	476.08	480.98	1.57	ppb
Selenium	82-1	500.34	496.28	499.55	498.72	0.43	ppb
Silicon	28-1	594.72	577.92	607.58	593.41	2.51	ppb
Silver	109-1	501.68	503.22	507.54	504.15	0.60	ppb
Silver	107-1	498.09	511.54	503.23	504.29	1.35	ppb
Sodium	23-2	50146.88	49178.39	50534.47	49953.25	1.40	ppb
Strontium	86-1	484.00	483.68	486.08	484.59	0.27	ppb
Strontium	88-1	489.93	491.44	487.86	489.74	0.37	ppb
Sulfur	34-1	10651.29	10177.05	10525.13	10451.15	2.35	ppb
Terbium	159-1				99		%
Terbium	159-2				101		%
Thallium	203-1	476.97	465.31	467.93	470.07	1.30	ppb
Thallium	205-1	492.77	472.95	484.11	483.27	2.06	ppb
Tin	118-1	489.13	498.21	498.70	495.35	1.09	ppb
Titanium	47-1	2412.22	2445.41	2462.42	2440.02	1.05	ppb
Uranium	238-1	487.41	477.70	475.82	480.31	1.30	ppb
Vanadium	51-2	485.05	474.25	488.68	482.66	1.56	ppb
Yttrium	89-1				102		%
Yttrium	89-2				102		%
Zinc	66-2	978.03	961.45	983.74	974.41	1.19	ppb

LB Number :	LB102143	Operator :	Jaswal
Lab Sample ID :	PB118809BS	Instrumnet Name :	P8
Client Sample ID :	PB118809BS	Dilution Factor :	1
Date & Time Acquired ::	2019-04-16 16:27:32	DataFile Name :	024LCS6.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	90-1	489.09	491.20	493.26	491.18	0.42	ppb
Zirconium	91-1	479.70	479.50	480.28	479.83	0.08	ppb

LB Number :	LB102143	Operator :	Jaswal
Lab Sample ID :	K2234-02DLX20	Instrumnet Name :	P8
Client Sample ID :	SSSI-0401-S-DH-3DL	Dilution Factor :	20
Date & Time Acquired ::	2019-04-16 16:30:55	DataFile Name :	025SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	2124.98	2168.98	2167.27	2153.75	1.16	ppb
Antimony	121-1	1.74	1.65	1.83	1.74	5.18	ppb
Arsenic	75-2	5.03	4.82	5.13	5.00	3.22	ppb
Barium	135-1	339.07	338.99	341.95	340.00	0.50	ppb
Barium	137-1	340.52	334.28	338.69	337.83	0.95	ppb
Beryllium	9-1	0.27	0.19	0.36	0.27	31.28	ppb
Bismuth	209-1				94		%
Bismuth	209-2				92		%
Boron	11-1	4.92	2.81	3.24	3.66	30.57	ppb
Boron	10-1	4.95	5.05	8.43	6.15	32.25	ppb
Cadmium	106-1	1.07	3.47	-5.09	-0.18		ppb
Cadmium	108-1	1.25	1.28	1.24	1.26	1.59	ppb
Cadmium	111-1	1.51	1.53	1.41	1.48	4.59	ppb
Calcium	43-1	2760.03	2760.13	2753.78	2757.98	0.13	ppb
Calcium	44-1	2796.34	2793.80	2813.92	2801.35	0.39	ppb
Chromium	52-2	29.35	29.31	29.27	29.31	0.14	ppb
Cobalt	59-2	3.51	3.40	3.46	3.46	1.58	ppb
Copper	63-2	113.36	113.25	112.23	112.95	0.55	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				97		%
Holmium	165-2				96		%
Indium	115-1				98		%
Indium	115-2				98		%
Iron	56-2	21018.58	20814.66	20919.89	20917.71	0.49	ppb
Iron	57-2	21176.83	20769.15	21147.46	21031.15	1.08	ppb
Krypton	83-1						cps
Lead	207-1	415.51	419.06	418.60	417.72	0.46	ppb
Lead	208-1	429.08	431.62	432.00	430.90	0.37	ppb
Lead	206-1	446.57	449.61	446.01	447.40	0.43	ppb
Lithium	6-1				118		%
Magnesium	24-2	706.12	700.96	699.09	702.06	0.52	ppb

LB Number :	LB102143	Operator :	Jaswal
Lab Sample ID :	K2234-02DLX20	Instrumnet Name :	P8
Client Sample ID :	SSSI-0401-S-DH-3DL	Dilution Factor :	20
Date & Time Acquired ::	2019-04-16 16:30:55	DataFile Name :	025SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	162.35	160.25	161.01	161.21	0.66	ppb
Molybdenum	94-1	3.84	3.73	3.80	3.79	1.37	ppb
Molybdenum	95-1	1.78	1.82	1.77	1.79	1.48	ppb
Molybdenum	96-1	2.29	2.24	1.97	2.17	8.04	ppb
Molybdenum	97-1	1.96	1.97	2.15	2.03	5.16	ppb
Molybdenum	98-1	1.87	1.92	1.83	1.87	2.21	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	19.03	19.11	18.80	18.98	0.86	ppb
Phosphorus	31-2	1085.46	1010.48	1054.41	1050.12	3.59	ppb
Potassium	39-2	228.86	223.70	234.45	229.00	2.35	ppb
Rhodium	103-1				100		%
Rhodium	103-2				98		%
Scandium	45-1				104		%
Scandium	45-2				100		%
Selenium	77-2	-1.37	4.18	0.02	0.94	305.91	ppb
Selenium	78-2	1.63	1.46	0.56	1.22	47.42	ppb
Selenium	82-1	0.66	1.19	0.72	0.86	33.77	ppb
Silicon	28-1	454.77	424.97	466.27	448.67	4.75	ppb
Silver	109-1	3.13	3.20	3.05	3.13	2.28	ppb
Silver	107-1	3.02	3.14	3.22	3.12	3.26	ppb
Sodium	23-2	136.32	136.72	130.97	134.67	2.38	ppb
Strontium	86-1	23.11	22.88	22.04	22.68	2.48	ppb
Strontium	88-1	22.86	23.09	23.00	22.98	0.50	ppb
Sulfur	34-1	-3916.22	-4338.44	-3929.87	-4061.51		ppb
Terbium	159-1				98		%
Terbium	159-2				95		%
Thallium	203-1	0.06	0.07	0.05	0.06	16.32	ppb
Thallium	205-1	0.05	0.06	0.05	0.05	9.34	ppb
Tin	118-1	27.17	27.46	27.19	27.27	0.58	ppb
Titanium	47-1	37.08	34.39	34.81	35.43	4.08	ppb
Uranium	238-1	0.26	0.26	0.27	0.26	1.90	ppb
Vanadium	51-2	27.03	26.65	26.63	26.77	0.83	ppb
Yttrium	89-1				102		%
Yttrium	89-2				99		%
Zinc	66-2	398.03	392.04	395.40	395.16	0.76	ppb

LB Number :	LB102143	Operator :	Jaswal
Lab Sample ID :	K2234-02DLX20	Instrumnet Name :	P8
Client Sample ID :	SSSI-0401-S-DH-3DL	Dilution Factor :	20
Date & Time Acquired ::	2019-04-16 16:30:55	DataFile Name :	025SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	90-1	1.77	1.65	1.70	1.71	3.68	ppb
Zirconium	91-1	1.61	1.71	1.61	1.64	3.42	ppb

LB Number :	LB102143	Operator :	Jaswal
Lab Sample ID :	K2234-02DUPDLX20	Instrumnet Name :	P8
Client Sample ID :	SSSI-0401-S-DH-3DUPE	Dilution Factor :	20
Date & Time Acquired ::	2019-04-16 16:34:27	DataFile Name :	026SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	2116.26	2164.19	2202.75	2161.07	2.00	ppb
Antimony	121-1	1.68	1.72	1.63	1.68	2.87	ppb
Arsenic	75-2	4.71	4.81	4.98	4.84	2.88	ppb
Barium	135-1	343.42	346.60	340.37	343.47	0.91	ppb
Barium	137-1	343.10	345.96	334.95	341.33	1.67	ppb
Beryllium	9-1	0.07	0.22	0.09	0.13	66.48	ppb
Bismuth	209-1				89		%
Bismuth	209-2				91		%
Boron	11-1	0.75	0.99	2.41	1.38	64.80	ppb
Boron	10-1	5.55	3.09	-1.99	2.22	173.45	ppb
Cadmium	106-1	6.21	3.65	-2.01	2.62	160.79	ppb
Cadmium	108-1	1.78	2.16	2.15	2.03	10.67	ppb
Cadmium	111-1	1.79	1.66	1.31	1.59	15.60	ppb
Calcium	43-1	2762.60	2738.66	2690.20	2730.48	1.35	ppb
Calcium	44-1	2826.19	2780.44	2773.68	2793.44	1.02	ppb
Chromium	52-2	28.88	30.20	29.36	29.48	2.27	ppb
Cobalt	59-2	3.52	3.58	3.56	3.55	0.88	ppb
Copper	63-2	111.44	113.89	112.98	112.77	1.10	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				93		%
Holmium	165-2				94		%
Indium	115-1				95		%
Indium	115-2				96		%
Iron	56-2	20714.01	21280.08	21112.60	21035.56	1.38	ppb
Iron	57-2	20795.02	21297.70	21251.09	21114.60	1.32	ppb
Krypton	83-1						cps
Lead	207-1	421.60	428.95	424.42	424.99	0.87	ppb
Lead	208-1	436.48	439.53	437.20	437.74	0.36	ppb
Lead	206-1	454.27	456.34	457.64	456.08	0.37	ppb
Lithium	6-1				109		%
Magnesium	24-2	676.29	673.25	716.21	688.58	3.48	ppb

LB Number : LB102143 Operator : Jaswal
 Lab Sample ID : K2234-02DUPDLX20 Instrumnet Name : P8
 Client Sample ID : SSSI-0401-S-DH-3DUPE Dilution Factor : 20
 Date & Time Acquired :: 2019-04-16 16:34:27 DataFile Name : 026SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	159.82	163.83	163.54	162.40	1.38	ppb
Molybdenum	94-1	3.63	3.69	3.52	3.61	2.32	ppb
Molybdenum	95-1	1.95	1.75	1.76	1.82	6.25	ppb
Molybdenum	96-1	2.06	2.00	2.00	2.02	1.71	ppb
Molybdenum	97-1	1.66	1.64	1.72	1.67	2.49	ppb
Molybdenum	98-1	1.95	1.79	1.80	1.85	4.69	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	19.34	19.55	19.58	19.49	0.65	ppb
Phosphorus	31-2	1136.18	1189.41	1121.80	1149.13	3.10	ppb
Potassium	39-2	214.84	228.99	231.40	225.08	3.98	ppb
Rhodium	103-1				98		%
Rhodium	103-2				96		%
Scandium	45-1				102		%
Scandium	45-2				99		%
Selenium	77-2	1.42	1.41	2.90	1.91	44.79	ppb
Selenium	78-2	0.34	1.24	-1.00	0.19	578.15	ppb
Selenium	82-1	1.09	0.93	1.07	1.03	8.19	ppb
Silicon	28-1	497.13	457.12	483.71	479.32	4.25	ppb
Silver	109-1	3.05	3.02	3.12	3.06	1.80	ppb
Silver	107-1	3.22	3.10	3.06	3.13	2.73	ppb
Sodium	23-2	121.83	122.61	126.55	123.66	2.04	ppb
Strontium	86-1	23.15	22.88	22.19	22.74	2.18	ppb
Strontium	88-1	22.90	23.12	23.08	23.03	0.51	ppb
Sulfur	34-1	-3234.12	-3115.24	-3466.21	-3271.85		ppb
Terbium	159-1				93		%
Terbium	159-2				96		%
Thallium	203-1	0.09	0.04	0.08	0.07	33.12	ppb
Thallium	205-1	0.03	0.04	0.03	0.03	19.24	ppb
Tin	118-1	28.09	28.53	27.28	27.97	2.25	ppb
Titanium	47-1	37.25	37.08	34.12	36.15	4.86	ppb
Uranium	238-1	0.25	0.28	0.28	0.27	8.23	ppb
Vanadium	51-2	26.07	26.86	26.57	26.50	1.50	ppb
Yttrium	89-1				99		%
Yttrium	89-2				98		%
Zinc	66-2	394.26	402.54	397.12	397.97	1.06	ppb

LB Number :	LB102143	Operator :	Jaswal
Lab Sample ID :	K2234-02DUPDLX20	Instrumnet Name :	P8
Client Sample ID :	SSSI-0401-S-DH-3DUPE	Dilution Factor :	20
Date & Time Acquired ::	2019-04-16 16:34:27	DataFile Name :	026SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	90-1	1.69	1.67	1.64	1.66	1.31	ppb
Zirconium	91-1	1.67	1.61	1.74	1.67	3.79	ppb

LB Number :	LB102143	Operator :	Jaswal
Lab Sample ID :	K2234-02LDLX100	Instrumnet Name :	P8
Client Sample ID :	SSSI-0401-S-DH-3LDL	Dilution Factor :	100
Date & Time Acquired ::	2019-04-16 16:37:58	DataFile Name :	027SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	429.87	384.75	408.45	407.69	5.54	ppb
Antimony	121-1	0.37	0.36	0.29	0.34	12.47	ppb
Arsenic	75-2	0.85	0.88	1.00	0.91	8.65	ppb
Barium	135-1	65.01	64.80	66.83	65.55	1.70	ppb
Barium	137-1	65.90	64.25	63.11	64.42	2.18	ppb
Beryllium	9-1	0.02	0.00	0.03	0.02	97.21	ppb
Bismuth	209-1				89		%
Bismuth	209-2				91		%
Boron	11-1	-2.70	-1.89	-2.99	-2.53		ppb
Boron	10-1	-2.36	0.80	-3.75	-1.77		ppb
Cadmium	106-1	-1.72	-2.68	-5.32	-3.24		ppb
Cadmium	108-1	0.89	0.24	0.01	0.38	119.69	ppb
Cadmium	111-1	0.22	0.20	0.17	0.20	13.65	ppb
Calcium	43-1	480.65	463.48	492.60	478.91	3.06	ppb
Calcium	44-1	529.05	512.09	514.11	518.42	1.79	ppb
Chromium	52-2	5.61	5.34	5.46	5.47	2.44	ppb
Cobalt	59-2	0.66	0.66	0.62	0.65	3.87	ppb
Copper	63-2	21.66	20.72	20.59	20.99	2.79	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				93		%
Holmium	165-2				96		%
Indium	115-1				96		%
Indium	115-2				97		%
Iron	56-2	4113.46	3938.84	3959.98	4004.09	2.38	ppb
Iron	57-2	4148.12	3917.16	3837.08	3967.45	4.07	ppb
Krypton	83-1						cps
Lead	207-1	83.17	82.05	79.53	81.58	2.29	ppb
Lead	208-1	84.61	83.48	82.18	83.42	1.46	ppb
Lead	206-1	88.86	86.65	86.04	87.18	1.70	ppb
Lithium	6-1				112		%
Magnesium	24-2	127.14	127.24	128.06	127.48	0.40	ppb

LB Number :	LB102143	Operator :	Jaswal
Lab Sample ID :	K2234-02LDLX100	Instrumnet Name :	P8
Client Sample ID :	SSSI-0401-S-DH-3LDL	Dilution Factor :	100
Date & Time Acquired ::	2019-04-16 16:37:58	DataFile Name :	027SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	30.80	28.47	30.74	30.00	4.42	ppb
Molybdenum	94-1	0.71	0.71	0.63	0.69	6.72	ppb
Molybdenum	95-1	0.42	0.30	0.29	0.34	21.83	ppb
Molybdenum	96-1	0.50	0.45	0.31	0.42	23.03	ppb
Molybdenum	97-1	0.31	0.34	0.28	0.31	8.84	ppb
Molybdenum	98-1	0.26	0.35	0.36	0.32	17.48	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	3.79	3.66	3.50	3.65	4.00	ppb
Phosphorus	31-2	193.11	181.32	200.12	191.51	4.96	ppb
Potassium	39-2	40.01	17.98	27.02	28.34	39.07	ppb
Rhodium	103-1				98		%
Rhodium	103-2				97		%
Scandium	45-1				102		%
Scandium	45-2				102		%
Selenium	77-2	-1.37	-1.37	1.42	-0.44		ppb
Selenium	78-2	0.15	-0.38	1.25	0.34	242.67	ppb
Selenium	82-1	0.45	0.62	0.75	0.61	24.93	ppb
Silicon	28-1	161.62	110.99	114.69	129.10	21.86	ppb
Silver	109-1	0.59	0.61	0.55	0.58	4.91	ppb
Silver	107-1	0.57	0.56	0.66	0.60	9.42	ppb
Sodium	23-2	51.59	45.55	44.48	47.21	8.13	ppb
Strontium	86-1	4.69	4.30	4.54	4.51	4.36	ppb
Strontium	88-1	4.48	4.39	4.39	4.42	1.23	ppb
Sulfur	34-1	-3281.36	-3408.46	-3425.20	-3371.67		ppb
Terbium	159-1				94		%
Terbium	159-2				96		%
Thallium	203-1	0.04	0.00	0.00	0.01	200.36	ppb
Thallium	205-1	0.02	-0.01	0.01	0.01	369.57	ppb
Tin	118-1	5.03	5.25	5.07	5.12	2.33	ppb
Titanium	47-1	5.38	4.77	6.12	5.42	12.53	ppb
Uranium	238-1	0.06	0.04	0.03	0.04	29.87	ppb
Vanadium	51-2	5.47	5.07	5.14	5.23	4.12	ppb
Yttrium	89-1				99		%
Yttrium	89-2				98		%
Zinc	66-2	77.49	74.55	74.60	75.55	2.23	ppb

LB Number :	LB102143	Operator :	Jaswal
Lab Sample ID :	K2234-02LDLX100	Instrumnet Name :	P8
Client Sample ID :	SSSI-0401-S-DH-3LDL	Dilution Factor :	100
Date & Time Acquired ::	2019-04-16 16:37:58	DataFile Name :	027SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	90-1	0.32	0.33	0.33	0.33	3.25	ppb
Zirconium	91-1	0.28	0.32	0.30	0.30	7.35	ppb

LB Number : LB102143 Operator : Jaswal
 Lab Sample ID : K2234-02MSDLX20 Instrumnet Name : P8
 Client Sample ID : SSSI-0401-S-DH-3MSDL Dilution Factor : 20
 Date & Time Acquired :: 2019-04-16 16:41:30 DataFile Name : 028SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	2579.64	2493.32	2410.93	2494.63	3.38	ppb
Antimony	121-1	25.41	25.63	25.34	25.46	0.60	ppb
Arsenic	75-2	29.07	27.66	27.07	27.93	3.69	ppb
Barium	135-1	446.35	453.38	447.66	449.13	0.83	ppb
Barium	137-1	442.50	447.53	443.43	444.49	0.60	ppb
Beryllium	9-1	24.64	24.41	26.84	25.30	5.31	ppb
Bismuth	209-1				87		%
Bismuth	209-2				90		%
Boron	11-1	21.49	22.23	23.84	22.52	5.34	ppb
Boron	10-1	20.19	19.76	22.65	20.87	7.47	ppb
Cadmium	106-1	32.94	31.98	30.34	31.75	4.14	ppb
Cadmium	108-1	25.57	26.42	25.74	25.91	1.72	ppb
Cadmium	111-1	26.42	26.23	26.48	26.38	0.50	ppb
Calcium	43-1	4982.64	4971.95	4845.51	4933.37	1.55	ppb
Calcium	44-1	5056.36	5036.13	4990.91	5027.80	0.67	ppb
Chromium	52-2	52.11	51.56	48.74	50.80	3.56	ppb
Cobalt	59-2	27.27	26.95	26.35	26.86	1.74	ppb
Copper	63-2	154.83	151.34	144.84	150.34	3.37	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				92		%
Holmium	165-2				95		%
Indium	115-1				94		%
Indium	115-2				96		%
Iron	56-2	21359.36	20826.45	20095.71	20760.51	3.06	ppb
Iron	57-2	21637.50	21221.35	20433.14	21097.33	2.90	ppb
Krypton	83-1						cps
Lead	207-1	428.39	429.82	426.97	428.39	0.33	ppb
Lead	208-1	444.79	443.19	442.47	443.48	0.27	ppb
Lead	206-1	462.03	455.91	463.02	460.32	0.84	ppb
Lithium	6-1				114		%
Magnesium	24-2	3044.89	3056.06	2865.55	2988.83	3.58	ppb

LB Number :	LB102143	Operator :	Jaswal
Lab Sample ID :	K2234-02MSDLX20	Instrumnet Name :	P8
Client Sample ID :	SSSI-0401-S-DH-3MSDL	Dilution Factor :	20
Date & Time Acquired ::	2019-04-16 16:41:30	DataFile Name :	028SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	205.57	200.54	192.51	199.54	3.30	ppb
Molybdenum	94-1	125.42	121.78	122.70	123.30	1.53	ppb
Molybdenum	95-1	124.18	119.96	121.94	122.03	1.73	ppb
Molybdenum	96-1	124.10	120.52	120.38	121.67	1.73	ppb
Molybdenum	97-1	125.11	124.64	122.15	123.97	1.28	ppb
Molybdenum	98-1	124.41	123.33	123.35	123.69	0.50	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	42.80	41.67	40.19	41.55	3.14	ppb
Phosphorus	31-2	1131.75	1053.69	1011.89	1065.77	5.71	ppb
Potassium	39-2	1386.20	1346.44	1305.14	1345.92	3.01	ppb
Rhodium	103-1				96		%
Rhodium	103-2				96		%
Scandium	45-1				102		%
Scandium	45-2				101		%
Selenium	77-2	46.82	19.80	31.04	32.56	41.70	ppb
Selenium	78-2	23.94	23.82	24.91	24.22	2.46	ppb
Selenium	82-1	25.36	23.80	24.34	24.50	3.24	ppb
Silicon	28-1	501.77	502.44	492.53	498.91	1.11	ppb
Silver	109-1	26.83	26.91	26.83	26.86	0.17	ppb
Silver	107-1	27.05	27.53	27.52	27.37	1.00	ppb
Sodium	23-2	2553.41	2465.59	2386.27	2468.43	3.39	ppb
Strontium	86-1	46.02	45.02	45.94	45.66	1.22	ppb
Strontium	88-1	46.56	45.53	46.03	46.04	1.12	ppb
Sulfur	34-1	-2168.31	-2068.41	-2346.54	-2194.42		ppb
Terbium	159-1				92		%
Terbium	159-2				95		%
Thallium	203-1	22.45	22.62	23.49	22.85	2.44	ppb
Thallium	205-1	23.01	22.84	23.51	23.12	1.49	ppb
Tin	118-1	51.03	51.92	50.59	51.18	1.33	ppb
Titanium	47-1	150.89	151.42	150.22	150.84	0.40	ppb
Uranium	238-1	22.70	22.23	22.70	22.54	1.21	ppb
Vanadium	51-2	49.32	48.29	46.64	48.09	2.81	ppb
Yttrium	89-1				98		%
Yttrium	89-2				98		%
Zinc	66-2	433.73	426.37	406.93	422.35	3.28	ppb

LB Number :	LB102143	Operator :	Jaswal
Lab Sample ID :	K2234-02MSDLX20	Instrumnet Name :	P8
Client Sample ID :	SSSI-0401-S-DH-3MSDL	Dilution Factor :	20
Date & Time Acquired ::	2019-04-16 16:41:30	DataFile Name :	028SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	90-1	25.24	25.14	25.11	25.16	0.28	ppb
Zirconium	91-1	24.68	24.31	24.96	24.65	1.32	ppb

LB Number :	LB102143	Operator :	Jaswal
Lab Sample ID :	K2234-02MSDDLX20	Instrumnet Name :	P8
Client Sample ID :	SSSI-0401-S-DH-3MSDE	Dilution Factor :	20
Date & Time Acquired ::	2019-04-16 16:45:02	DataFile Name :	029SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	2512.39	2491.12	2521.42	2508.31	0.62	ppb
Antimony	121-1	29.06	25.15	25.68	26.63	7.96	ppb
Arsenic	75-2	28.59	28.49	29.45	28.84	1.83	ppb
Barium	135-1	510.98	442.90	453.42	469.10	7.81	ppb
Barium	137-1	498.39	438.83	450.03	462.42	6.85	ppb
Beryllium	9-1	25.82	24.30	24.80	24.97	3.11	ppb
Bismuth	209-1				84		%
Bismuth	209-2				87		%
Boron	11-1	26.38	21.96	23.71	24.02	9.27	ppb
Boron	10-1	23.24	22.12	19.30	21.55	9.43	ppb
Cadmium	106-1	28.95	29.78	31.13	29.96	3.67	ppb
Cadmium	108-1	30.07	26.26	27.52	27.95	6.94	ppb
Cadmium	111-1	29.76	26.49	26.57	27.61	6.77	ppb
Calcium	43-1	5516.88	5009.75	4897.18	5141.27	6.42	ppb
Calcium	44-1	5673.85	5045.35	5003.69	5240.96	7.16	ppb
Chromium	52-2	50.95	51.10	51.45	51.17	0.50	ppb
Cobalt	59-2	27.15	27.05	26.76	26.99	0.75	ppb
Copper	63-2	151.49	152.84	149.89	151.41	0.98	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				88		%
Holmium	165-2				92		%
Indium	115-1				90		%
Indium	115-2				94		%
Iron	56-2	20950.35	21064.48	20943.43	20986.09	0.32	ppb
Iron	57-2	21194.41	21034.36	20935.03	21054.60	0.62	ppb
Krypton	83-1						cps
Lead	207-1	470.37	430.55	426.07	442.33	5.51	ppb
Lead	208-1	483.48	442.18	441.68	455.78	5.26	ppb
Lead	206-1	504.17	461.61	457.83	474.53	5.42	ppb
Lithium	6-1				112		%
Magnesium	24-2	3015.38	3083.99	3012.25	3037.21	1.34	ppb

LB Number : LB102143 Operator : Jaswal
 Lab Sample ID : K2234-02MSDDLX20 Instrumnet Name : P8
 Client Sample ID : SSSI-0401-S-DH-3MSDE Dilution Factor : 20
 Date & Time Acquired :: 2019-04-16 16:45:02 DataFile Name : 029SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	199.64	200.97	199.74	200.12	0.37	ppb
Molybdenum	94-1	139.28	121.98	123.92	128.39	7.38	ppb
Molybdenum	95-1	139.18	121.42	121.51	127.37	8.03	ppb
Molybdenum	96-1	138.58	120.57	119.72	126.29	8.44	ppb
Molybdenum	97-1	138.30	121.04	120.56	126.63	7.98	ppb
Molybdenum	98-1	138.97	121.88	123.78	128.21	7.31	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	42.29	43.13	42.01	42.48	1.37	ppb
Phosphorus	31-2	1098.14	1066.29	942.57	1035.67	7.93	ppb
Potassium	39-2	1353.24	1373.11	1355.57	1360.64	0.80	ppb
Rhodium	103-1				92		%
Rhodium	103-2				93		%
Scandium	45-1				97		%
Scandium	45-2				99		%
Selenium	77-2	21.57	27.38	36.33	28.43	26.16	ppb
Selenium	78-2	21.21	24.07	24.30	23.19	7.44	ppb
Selenium	82-1	26.41	22.93	26.30	25.21	7.86	ppb
Silicon	28-1	804.93	580.33	535.28	640.18	22.56	ppb
Silver	109-1	31.04	26.94	27.15	28.37	8.14	ppb
Silver	107-1	30.89	26.55	27.31	28.25	8.20	ppb
Sodium	23-2	2486.72	2493.21	2480.84	2486.93	0.25	ppb
Strontium	86-1	49.86	44.05	44.89	46.27	6.78	ppb
Strontium	88-1	51.32	45.36	44.92	47.20	7.58	ppb
Sulfur	34-1	692.24	-1230.30	-1650.80	-729.62		ppb
Terbium	159-1				88		%
Terbium	159-2				92		%
Thallium	203-1	25.57	23.29	23.17	24.01	5.64	ppb
Thallium	205-1	25.53	23.26	23.15	23.98	5.60	ppb
Tin	118-1	57.93	49.74	51.20	52.95	8.25	ppb
Titanium	47-1	169.75	157.15	151.69	159.53	5.80	ppb
Uranium	238-1	24.18	22.27	22.13	22.86	5.01	ppb
Vanadium	51-2	48.68	48.99	48.42	48.70	0.59	ppb
Yttrium	89-1				94		%
Yttrium	89-2				95		%
Zinc	66-2	432.90	421.93	423.68	426.17	1.38	ppb

LB Number :	LB102143	Operator :	Jaswal
Lab Sample ID :	K2234-02MSDDLX20	Instrumnet Name :	P8
Client Sample ID :	SSSI-0401-S-DH-3MSDL	Dilution Factor :	20
Date & Time Acquired ::	2019-04-16 16:45:02	DataFile Name :	029SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	90-1	28.13	24.92	24.91	25.99	7.13	ppb
Zirconium	91-1	28.16	25.04	24.80	26.00	7.22	ppb

LB Number :	LB102143	Operator :	Jaswal
Lab Sample ID :	K2234-02ADLX20	Instrumnet Name :	P8
Client Sample ID :	SSSI-0401-S-DH-3ADL	Dilution Factor :	20
Date & Time Acquired ::	2019-04-16 16:48:34	DataFile Name :	030SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	2452.43	2465.36	2438.56	2452.12	0.55	ppb
Antimony	121-1	24.34	26.20	24.92	25.15	3.80	ppb
Arsenic	75-2	28.52	28.12	27.71	28.12	1.43	ppb
Barium	135-1	424.61	462.69	435.37	440.89	4.45	ppb
Barium	137-1	425.29	458.66	436.17	440.04	3.87	ppb
Beryllium	9-1	22.37	24.26	24.07	23.57	4.42	ppb
Bismuth	209-1				85		%
Bismuth	209-2				86		%
Boron	11-1	19.65	21.58	21.41	20.88	5.12	ppb
Boron	10-1	16.56	23.64	19.20	19.80	18.08	ppb
Cadmium	106-1	27.21	27.49	25.27	26.66	4.55	ppb
Cadmium	108-1	26.40	27.95	26.90	27.08	2.92	ppb
Cadmium	111-1	25.00	26.44	25.73	25.72	2.81	ppb
Calcium	43-1	4731.35	4962.07	4790.29	4827.90	2.48	ppb
Calcium	44-1	4755.78	5036.38	4858.98	4883.71	2.91	ppb
Chromium	52-2	50.01	50.53	49.59	50.05	0.94	ppb
Cobalt	59-2	26.25	26.12	25.90	26.09	0.66	ppb
Copper	63-2	148.46	150.03	145.74	148.08	1.47	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				90		%
Holmium	165-2				92		%
Indium	115-1				93		%
Indium	115-2				93		%
Iron	56-2	20914.57	20914.21	20651.83	20826.87	0.73	ppb
Iron	57-2	20869.10	20754.21	20750.72	20791.34	0.32	ppb
Krypton	83-1						cps
Lead	207-1	407.53	430.81	421.96	420.10	2.80	ppb
Lead	208-1	419.83	446.15	432.87	432.95	3.04	ppb
Lead	206-1	436.07	460.90	452.24	449.74	2.80	ppb
Lithium	6-1				116		%
Magnesium	24-2	2976.75	3026.18	2993.29	2998.74	0.84	ppb

LB Number :	LB102143	Operator :	Jaswal
Lab Sample ID :	K2234-02ADLX20	Instrumnet Name :	P8
Client Sample ID :	SSSI-0401-S-DH-3ADL	Dilution Factor :	20
Date & Time Acquired ::	2019-04-16 16:48:34	DataFile Name :	030SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	198.48	196.61	196.18	197.09	0.62	ppb
Molybdenum	94-1	118.21	121.81	118.22	119.41	1.74	ppb
Molybdenum	95-1	113.90	119.21	117.14	116.75	2.29	ppb
Molybdenum	96-1	115.59	118.59	117.62	117.27	1.30	ppb
Molybdenum	97-1	116.35	120.08	117.60	118.01	1.61	ppb
Molybdenum	98-1	116.43	120.27	118.48	118.39	1.62	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	40.93	40.68	40.85	40.82	0.32	ppb
Phosphorus	31-2	1042.17	1091.47	1093.03	1075.55	2.69	ppb
Potassium	39-2	1321.37	1314.43	1317.66	1317.82	0.26	ppb
Rhodium	103-1				95		%
Rhodium	103-2				93		%
Scandium	45-1				101		%
Scandium	45-2				99		%
Selenium	77-2	21.40	24.46	24.48	23.44	7.57	ppb
Selenium	78-2	21.72	22.39	18.90	21.00	8.83	ppb
Selenium	82-1	22.04	24.68	23.34	23.35	5.64	ppb
Silicon	28-1	508.38	587.62	501.42	532.47	8.99	ppb
Silver	109-1	25.75	27.58	25.84	26.39	3.90	ppb
Silver	107-1	26.15	27.57	26.40	26.71	2.85	ppb
Sodium	23-2	2489.56	2480.51	2452.78	2474.28	0.77	ppb
Strontium	86-1	42.19	45.03	43.55	43.59	3.26	ppb
Strontium	88-1	43.50	44.79	44.39	44.23	1.49	ppb
Sulfur	34-1	-1742.16	-1077.95	-1883.04	-1567.72		ppb
Terbium	159-1				90		%
Terbium	159-2				91		%
Thallium	203-1	21.07	23.43	22.62	22.38	5.35	ppb
Thallium	205-1	21.83	23.23	22.94	22.67	3.27	ppb
Tin	118-1	47.63	52.44	49.18	49.75	4.93	ppb
Titanium	47-1	143.97	151.69	144.97	146.88	2.86	ppb
Uranium	238-1	21.07	22.65	21.95	21.89	3.62	ppb
Vanadium	51-2	47.63	47.42	47.20	47.42	0.45	ppb
Yttrium	89-1				98		%
Yttrium	89-2				96		%
Zinc	66-2	426.20	420.13	408.47	418.26	2.15	ppb

LB Number :	LB102143	Operator :	Jaswal
Lab Sample ID :	K2234-02ADLX20	Instrumnet Name :	P8
Client Sample ID :	SSSI-0401-S-DH-3ADL	Dilution Factor :	20
Date & Time Acquired ::	2019-04-16 16:48:34	DataFile Name :	030SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	90-1	23.75	24.71	24.53	24.33	2.09	ppb
Zirconium	91-1	22.28	25.16	23.60	23.68	6.07	ppb

LB Number :	LB102143	Operator :	Jaswal
Lab Sample ID :	CCV80	Instrumnet Name :	P8
Client Sample ID :	CCV80	Dilution Factor :	1
Date & Time Acquired ::	2019-04-16 16:52:05	DataFile Name :	031CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	51642.94	52589.01	52058.01	52096.65	0.91	ppb
Antimony	121-1	487.62	504.32	501.35	497.77	1.79	ppb
Arsenic	75-2	491.43	492.10	491.06	491.53	0.11	ppb
Barium	135-1	2434.89	2517.73	2487.34	2479.99	1.69	ppb
Barium	137-1	2422.99	2541.40	2479.48	2481.29	2.39	ppb
Beryllium	9-1	489.00	463.35	464.16	472.17	3.09	ppb
Bismuth	209-1				89		%
Bismuth	209-2				91		%
Boron	11-1	459.67	463.50	455.79	459.65	0.84	ppb
Boron	10-1	468.42	467.50	443.49	459.80	3.07	ppb
Cadmium	106-1	485.12	501.41	507.21	497.91	2.30	ppb
Cadmium	108-1	497.28	497.17	485.13	493.19	1.42	ppb
Cadmium	111-1	483.85	497.49	483.86	488.40	1.61	ppb
Calcium	43-1	243884.24	246690.94	245300.11	245291.76	0.57	ppb
Calcium	44-1	241287.66	245813.62	241642.53	242914.60	1.04	ppb
Chromium	52-2	475.59	481.68	479.75	479.01	0.65	ppb
Cobalt	59-2	467.72	473.35	467.91	469.66	0.68	ppb
Copper	63-2	909.33	919.25	900.94	909.84	1.01	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				98		%
Holmium	165-2				99		%
Indium	115-1				96		%
Indium	115-2				97		%
Iron	56-2	124403.22	124337.91	122839.10	123860.08	0.71	ppb
Iron	57-2	124910.39	127239.07	125815.35	125988.27	0.93	ppb
Krypton	83-1						cps
Lead	207-1	490.53	483.57	478.38	484.16	1.26	ppb
Lead	208-1	492.41	488.01	481.19	487.21	1.16	ppb
Lead	206-1	491.64	483.75	481.58	485.66	1.09	ppb
Lithium	6-1				160		%
Magnesium	24-2	244782.38	252662.32	245158.58	247534.43	1.80	ppb

LB Number :	LB102143	Operator :	Jaswal
Lab Sample ID :	CCV80	Instrumnet Name :	P8
Client Sample ID :	CCV80	Dilution Factor :	1
Date & Time Acquired ::	2019-04-16 16:52:05	DataFile Name :	031CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	950.50	947.81	942.94	947.08	0.40	ppb
Molybdenum	94-1	2387.49	2411.03	2432.61	2410.38	0.94	ppb
Molybdenum	95-1	2356.21	2393.00	2401.18	2383.46	1.01	ppb
Molybdenum	96-1	2408.05	2369.19	2402.06	2393.10	0.87	ppb
Molybdenum	97-1	2363.58	2435.70	2404.76	2401.35	1.51	ppb
Molybdenum	98-1	2347.60	2405.49	2393.77	2382.29	1.28	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	467.77	473.33	465.48	468.86	0.86	ppb
Phosphorus	31-2	9737.60	10005.55	9481.89	9741.68	2.69	ppb
Potassium	39-2	118210.97	120248.69	120361.10	119606.92	1.01	ppb
Rhodium	103-1				96		%
Rhodium	103-2				94		%
Scandium	45-1				107		%
Scandium	45-2				103		%
Selenium	77-2	456.66	527.27	463.20	482.38	8.09	ppb
Selenium	78-2	497.33	478.83	507.31	494.49	2.92	ppb
Selenium	82-1	476.85	481.77	487.12	481.92	1.07	ppb
Silicon	28-1	602.58	645.21	620.51	622.77	3.44	ppb
Silver	109-1	488.67	495.79	487.67	490.71	0.90	ppb
Silver	107-1	481.65	501.27	489.42	490.78	2.01	ppb
Sodium	23-2	245437.60	249316.39	248457.41	247737.14	0.82	ppb
Strontium	86-1	469.33	470.41	478.32	472.68	1.04	ppb
Strontium	88-1	475.61	482.45	483.31	480.46	0.88	ppb
Sulfur	34-1	11741.89	11654.16	10867.26	11421.10	4.22	ppb
Terbium	159-1				97		%
Terbium	159-2				99		%
Thallium	203-1	487.06	482.17	478.38	482.54	0.90	ppb
Thallium	205-1	504.33	495.42	487.58	495.78	1.69	ppb
Tin	118-1	487.01	494.54	488.59	490.05	0.81	ppb
Titanium	47-1	2381.42	2445.62	2372.99	2400.01	1.66	ppb
Uranium	238-1	504.39	507.41	499.52	503.77	0.79	ppb
Vanadium	51-2	481.83	481.92	483.95	482.57	0.25	ppb
Yttrium	89-1				102		%
Yttrium	89-2				100		%
Zinc	66-2	925.94	937.75	937.42	933.70	0.72	ppb

LB Number :	LB102143	Operator :	Jaswal
Lab Sample ID :	CCV80	Instrumnet Name :	P8
Client Sample ID :	CCV80	Dilution Factor :	1
Date & Time Acquired ::	2019-04-16 16:52:05	DataFile Name :	031CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	90-1	483.84	484.25	488.74	485.61	0.56	ppb
Zirconium	91-1	470.58	471.95	472.01	471.51	0.17	ppb

LB Number : LB102143 Operator : Jaswal
 Lab Sample ID : CCB80 Instrumnet Name : P8
 Client Sample ID : CCB80 Dilution Factor : 1
 Date & Time Acquired :: 2019-04-16 17:04:48 DataFile Name : 032CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	-0.84	-1.67	-1.52	-1.34		ppb
Antimony	121-1	0.02	0.02	0.03	0.02	45.35	ppb
Arsenic	75-2	-0.03	-0.02	0.02	-0.01		ppb
Barium	135-1	-0.01	-0.04	-0.02	-0.02		ppb
Barium	137-1	-0.03	-0.03	-0.03	-0.03		ppb
Beryllium	9-1	-0.04	-0.05	-0.01	-0.03		ppb
Bismuth	209-1				78		%
Bismuth	209-2				77		%
Boron	11-1	-2.46	-3.23	-2.71	-2.80		ppb
Boron	10-1	-2.43	-1.06	-2.49	-2.00		ppb
Cadmium	106-1	2.89	3.03	0.81	2.24	55.55	ppb
Cadmium	108-1	0.00	0.47	0.07	0.18	138.23	ppb
Cadmium	111-1	0.07	0.06	0.03	0.05	42.36	ppb
Calcium	43-1	-17.47	-34.27	-35.36	-29.03		ppb
Calcium	44-1	-8.09	-10.73	-10.82	-9.88		ppb
Chromium	52-2	-0.10	-0.05	-0.01	-0.06		ppb
Cobalt	59-2	-0.01	-0.02	-0.02	-0.02		ppb
Copper	63-2	0.02	0.06	0.07	0.05	58.97	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				83		%
Holmium	165-2				84		%
Indium	115-1				89		%
Indium	115-2				87		%
Iron	56-2	-0.69	-0.49	-0.51	-0.57		ppb
Iron	57-2	-1.35	1.76	4.77	1.73	177.54	ppb
Krypton	83-1						cps
Lead	207-1	0.03	0.14	0.02	0.07	99.01	ppb
Lead	208-1	0.05	0.04	0.03	0.04	19.65	ppb
Lead	206-1	0.12	0.04	0.04	0.07	73.90	ppb
Lithium	6-1				164		%
Magnesium	24-2	1.29	0.74	-0.19	0.61	122.45	ppb

LB Number :	LB102143	Operator :	Jaswal
Lab Sample ID :	CCB80	Instrumnet Name :	P8
Client Sample ID :	CCB80	Dilution Factor :	1
Date & Time Acquired ::	2019-04-16 17:04:48	DataFile Name :	032CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	-0.02	-0.02	-0.03	-0.02		ppb
Molybdenum	94-1	0.01	-0.01	0.05	0.02	175.14	ppb
Molybdenum	95-1	-0.01	0.00	-0.02	-0.01		ppb
Molybdenum	96-1	0.00	-0.01	-0.01	-0.01		ppb
Molybdenum	97-1	0.01	0.05	0.01	0.03	81.91	ppb
Molybdenum	98-1	0.00	-0.01	0.00	-0.01		ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	-0.05	-0.05	-0.01	-0.04		ppb
Phosphorus	31-2	-21.27	-21.15	-21.25	-21.22		ppb
Potassium	39-2	24.92	6.67	10.10	13.89	69.80	ppb
Rhodium	103-1				89		%
Rhodium	103-2				88		%
Scandium	45-1				100		%
Scandium	45-2				95		%
Selenium	77-2	-1.37	-1.37	-1.37	-1.37		ppb
Selenium	78-2	0.60	-0.16	-1.17	-0.24		ppb
Selenium	82-1	0.59	0.10	1.22	0.64	88.63	ppb
Silicon	28-1	131.66	154.12	188.40	158.06	18.08	ppb
Silver	109-1	0.03	0.03	0.01	0.02	35.10	ppb
Silver	107-1	0.01	0.03	0.04	0.03	52.85	ppb
Sodium	23-2	70.06	66.95	63.23	66.75	5.13	ppb
Strontium	86-1	0.08	0.12	-0.07	0.04	230.97	ppb
Strontium	88-1	0.00	0.00	0.00	0.00		ppb
Sulfur	34-1	-448.87	-63.92	596.65	27.95	1891.82	ppb
Terbium	159-1				83		%
Terbium	159-2				84		%
Thallium	203-1	-0.03	-0.01	-0.01	-0.02		ppb
Thallium	205-1	0.03	-0.01	0.03	0.01	190.38	ppb
Tin	118-1	0.04	0.03	0.01	0.03	59.51	ppb
Titanium	47-1	-2.05	-2.07	-2.36	-2.16		ppb
Uranium	238-1	0.00	0.00	0.00	0.00		ppb
Vanadium	51-2	-0.02	-0.03	-0.03	-0.03		ppb
Yttrium	89-1				91		%
Yttrium	89-2				90		%
Zinc	66-2	-0.15	0.11	0.09	0.02	899.56	ppb

LB Number :	LB102143	Operator :	Jaswal
Lab Sample ID :	CCB80	Instrumnet Name :	P8
Client Sample ID :	CCB80	Dilution Factor :	1
Date & Time Acquired ::	2019-04-16 17:04:48	DataFile Name :	032CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	90-1	0.01	0.01	-0.01	0.00	275.31	ppb
Zirconium	91-1	0.02	0.01	0.02	0.02	59.12	ppb

LB Number :	LB102143	Operator :	Jaswal
Lab Sample ID :	K2234-02	Instrumnet Name :	P8
Client Sample ID :	SSSI-0401-S-DH-3	Dilution Factor :	1
Date & Time Acquired ::	2019-04-16 17:08:20	DataFile Name :	033SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	40507.95	40142.50	40008.58	40219.68	0.64	ppb
Antimony	121-1	32.97	32.02	33.82	32.94	2.73	ppb
Arsenic	75-2	86.45	85.67	86.04	86.06	0.45	ppb
Barium	135-1	6767.50	6646.44	6883.44	6765.79	1.75	ppb
Barium	137-1	6672.70	6575.33	6723.19	6657.07	1.13	ppb
Beryllium	9-1	3.45	3.24	3.16	3.28	4.51	ppb
Bismuth	209-1				74		%
Bismuth	209-2				73		%
Boron	11-1	36.03	40.56	41.34	39.31	7.30	ppb
Boron	10-1	47.37	40.06	43.81	43.75	8.35	ppb
Cadmium	106-1	57.58	48.64	54.45	53.56	8.46	ppb
Cadmium	108-1	31.48	36.16	32.59	33.41	7.31	ppb
Cadmium	111-1	30.87	31.05	31.74	31.22	1.48	ppb
Calcium	43-1	51234.44	50376.32	51026.61	50879.13	0.88	ppb
Calcium	44-1	51150.26	50444.94	51024.66	50873.29	0.74	ppb
Chromium	52-2	546.07	537.28	535.69	539.68	1.04	ppb
Cobalt	59-2	64.82	63.96	65.29	64.69	1.05	ppb
Copper	63-2	2057.80	2065.47	2058.72	2060.66	0.20	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				80		%
Holmium	165-2				80		%
Indium	115-1				82		%
Indium	115-2				82		%
Iron	56-2	384663.89	374693.25	381116.59	380157.91	1.33	ppb
Iron	57-2	375789.10	381644.48	388467.43	381967.00	1.66	ppb
Krypton	83-1						cps
Lead	207-1	8081.22	8061.13	8091.49	8077.95	0.19	ppb
Lead	208-1	8304.19	8368.76	8358.10	8343.68	0.41	ppb
Lead	206-1	8568.17	8684.63	8646.11	8632.97	0.69	ppb
Lithium	6-1				128		%
Magnesium	24-2	13176.65	12976.01	13147.64	13100.10	0.83	ppb

LB Number :	LB102143	Operator :	Jaswal
Lab Sample ID :	K2234-02	Instrumnet Name :	P8
Client Sample ID :	SSSI-0401-S-DH-3	Dilution Factor :	1
Date & Time Acquired ::	2019-04-16 17:08:20	DataFile Name :	033SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	3014.87	2952.44	3036.80	3001.37	1.46	ppb
Molybdenum	94-1	61.95	62.99	61.96	62.30	0.96	ppb
Molybdenum	95-1	28.69	29.15	28.76	28.87	0.85	ppb
Molybdenum	96-1	33.21	33.52	33.28	33.34	0.49	ppb
Molybdenum	97-1	28.37	29.54	28.67	28.86	2.10	ppb
Molybdenum	98-1	28.87	29.21	29.00	29.03	0.58	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	354.07	347.22	351.48	350.92	0.99	ppb
Phosphorus	31-2	21760.34	21215.05	21257.91	21411.10	1.42	ppb
Potassium	39-2	4076.08	4056.98	4111.26	4081.44	0.67	ppb
Rhodium	103-1				84		%
Rhodium	103-2				83		%
Scandium	45-1				101		%
Scandium	45-2				97		%
Selenium	77-2	56.99	46.59	35.79	46.45	22.81	ppb
Selenium	78-2	7.57	16.15	13.09	12.27	35.42	ppb
Selenium	82-1	7.69	6.59	7.24	7.17	7.68	ppb
Silicon	28-1	8753.92	8515.64	8757.05	8675.54	1.60	ppb
Silver	109-1	60.36	59.96	59.77	60.03	0.50	ppb
Silver	107-1	60.88	60.15	62.48	61.17	1.94	ppb
Sodium	23-2	1612.26	1596.85	1606.44	1605.19	0.48	ppb
Strontium	86-1	382.64	380.00	380.27	380.97	0.38	ppb
Strontium	88-1	389.19	393.25	387.73	390.06	0.73	ppb
Sulfur	34-1	8171.00	6622.14	6455.30	7082.81	13.36	ppb
Terbium	159-1				79		%
Terbium	159-2				81		%
Thallium	203-1	0.67	0.72	0.71	0.70	3.56	ppb
Thallium	205-1	0.73	0.68	0.78	0.73	7.38	ppb
Tin	118-1	539.65	535.33	546.79	540.59	1.07	ppb
Titanium	47-1	698.59	697.76	699.69	698.68	0.14	ppb
Uranium	238-1	4.85	4.81	4.82	4.83	0.40	ppb
Vanadium	51-2	500.34	491.76	490.42	494.17	1.09	ppb
Yttrium	89-1				102		%
Yttrium	89-2				100		%
Zinc	66-2	7305.60	7322.13	7399.65	7342.46	0.68	ppb

LB Number :	LB102143	Operator :	Jaswal
Lab Sample ID :	K2234-02	Instrumnet Name :	P8
Client Sample ID :	SSSI-0401-S-DH-3	Dilution Factor :	1
Date & Time Acquired ::	2019-04-16 17:08:20	DataFile Name :	033SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	90-1	27.56	27.93	27.54	27.68	0.79	ppb
Zirconium	91-1	27.22	28.45	27.55	27.74	2.28	ppb

LB Number :	LB102143	Operator :	Jaswal
Lab Sample ID :	K2234-02DUP	Instrumnet Name :	P8
Client Sample ID :	SSSI-0401-S-DH-3DUP	Dilution Factor :	1
Date & Time Acquired ::	2019-04-16 17:11:46	DataFile Name :	034SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	42721.53	41634.50	40874.51	41743.51	2.22	ppb
Antimony	121-1	33.18	33.68	33.52	33.46	0.77	ppb
Arsenic	75-2	91.17	87.04	86.04	88.08	3.08	ppb
Barium	135-1	6750.95	6774.40	6672.51	6732.62	0.79	ppb
Barium	137-1	6649.82	6669.90	6650.00	6656.57	0.17	ppb
Beryllium	9-1	3.69	3.57	3.18	3.48	7.65	ppb
Bismuth	209-1				70		%
Bismuth	209-2				62		%
Boron	11-1	39.08	36.91	36.49	37.49	3.71	ppb
Boron	10-1	40.21	37.91	39.65	39.25	3.05	ppb
Cadmium	106-1	60.89	50.09	56.10	55.69	9.72	ppb
Cadmium	108-1	34.02	32.69	32.30	33.00	2.73	ppb
Cadmium	111-1	30.73	30.73	31.91	31.12	2.20	ppb
Calcium	43-1	50820.53	51682.45	50623.83	51042.27	1.10	ppb
Calcium	44-1	50664.96	51596.48	50614.46	50958.63	1.09	ppb
Chromium	52-2	554.31	556.91	542.55	551.25	1.39	ppb
Cobalt	59-2	67.77	65.37	64.18	65.78	2.78	ppb
Copper	63-2	2133.02	2099.28	2033.75	2088.68	2.42	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				75		%
Holmium	165-2				73		%
Indium	115-1				79		%
Indium	115-2				76		%
Iron	56-2	402874.10	387415.16	381080.96	390456.74	2.87	ppb
Iron	57-2	392445.27	381925.18	377371.58	383914.01	2.01	ppb
Krypton	83-1						cps
Lead	207-1	7934.68	8034.04	7978.61	7982.44	0.62	ppb
Lead	208-1	8243.48	8268.96	8246.16	8252.86	0.17	ppb
Lead	206-1	8459.63	8607.80	8585.69	8551.04	0.93	ppb
Lithium	6-1				136		%
Magnesium	24-2	13933.69	13454.29	13429.74	13605.91	2.09	ppb

LB Number :	LB102143	Operator :	Jaswal
Lab Sample ID :	K2234-02DUP	Instrumnet Name :	P8
Client Sample ID :	SSSI-0401-S-DH-3DUP	Dilution Factor :	1
Date & Time Acquired ::	2019-04-16 17:11:46	DataFile Name :	034SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	3155.50	2999.91	2946.60	3034.00	3.58	ppb
Molybdenum	94-1	62.25	62.93	63.36	62.85	0.89	ppb
Molybdenum	95-1	29.25	29.51	29.42	29.40	0.45	ppb
Molybdenum	96-1	33.92	34.09	33.76	33.92	0.48	ppb
Molybdenum	97-1	29.11	30.01	28.91	29.34	2.00	ppb
Molybdenum	98-1	29.59	29.96	29.71	29.75	0.63	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	369.78	361.44	349.12	360.11	2.89	ppb
Phosphorus	31-2	22795.18	22084.54	21636.96	22172.23	2.63	ppb
Potassium	39-2	4205.52	4107.75	4057.93	4123.73	1.82	ppb
Rhodium	103-1				82		%
Rhodium	103-2				77		%
Scandium	45-1				98		%
Scandium	45-2				92		%
Selenium	77-2	46.58	55.41	55.87	52.62	9.95	ppb
Selenium	78-2	17.37	13.74	14.16	15.09	13.18	ppb
Selenium	82-1	7.49	7.75	6.83	7.36	6.45	ppb
Silicon	28-1	8790.71	8992.22	8692.72	8825.22	1.73	ppb
Silver	109-1	60.50	58.89	60.51	59.97	1.55	ppb
Silver	107-1	61.10	61.14	61.29	61.18	0.16	ppb
Sodium	23-2	1709.75	1639.91	1610.62	1653.43	3.08	ppb
Strontium	86-1	387.67	389.23	380.83	385.91	1.16	ppb
Strontium	88-1	387.41	392.71	387.88	389.33	0.75	ppb
Sulfur	34-1	4444.04	5165.79	4216.38	4608.73	10.75	ppb
Terbium	159-1				76		%
Terbium	159-2				73		%
Thallium	203-1	0.61	0.70	0.68	0.66	7.62	ppb
Thallium	205-1	0.71	0.64	0.70	0.68	6.04	ppb
Tin	118-1	545.62	543.23	544.97	544.61	0.23	ppb
Titanium	47-1	697.48	694.38	699.34	697.06	0.36	ppb
Uranium	238-1	4.82	4.75	4.59	4.72	2.49	ppb
Vanadium	51-2	521.01	505.70	491.03	505.91	2.96	ppb
Yttrium	89-1				98		%
Yttrium	89-2				94		%
Zinc	66-2	7408.04	7444.82	7191.37	7348.08	1.86	ppb

LB Number :	LB102143	Operator :	Jaswal
Lab Sample ID :	K2234-02DUP	Instrumnet Name :	P8
Client Sample ID :	SSSI-0401-S-DH-3DUP	Dilution Factor :	1
Date & Time Acquired ::	2019-04-16 17:11:46	DataFile Name :	034SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	90-1	27.56	27.55	28.40	27.84	1.75	ppb
Zirconium	91-1	27.66	27.22	27.32	27.40	0.84	ppb

LB Number :	LB102143	Operator :	Jaswal
Lab Sample ID :	K2234-02LX5	Instrumnet Name :	P8
Client Sample ID :	SSSI-0401-S-DH-3L	Dilution Factor :	5
Date & Time Acquired ::	2019-04-16 17:15:14	DataFile Name :	035SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	8292.02	8723.87	8272.53	8429.48	3.03	ppb
Antimony	121-1	6.29	6.64	6.83	6.59	4.13	ppb
Arsenic	75-2	18.75	20.08	18.94	19.26	3.73	ppb
Barium	135-1	1301.29	1326.58	1322.37	1316.74	1.03	ppb
Barium	137-1	1283.72	1315.75	1313.36	1304.28	1.37	ppb
Beryllium	9-1	0.78	0.61	0.61	0.67	14.39	ppb
Bismuth	209-1				69		%
Bismuth	209-2				60		%
Boron	11-1	6.59	6.35	5.61	6.18	8.30	ppb
Boron	10-1	6.70	5.37	6.94	6.33	13.35	ppb
Cadmium	106-1	20.35	14.05	11.52	15.30	29.71	ppb
Cadmium	108-1	5.36	6.75	7.92	6.68	19.19	ppb
Cadmium	111-1	6.39	6.37	6.46	6.41	0.69	ppb
Calcium	43-1	10149.40	10246.77	10052.27	10149.48	0.96	ppb
Calcium	44-1	10380.74	10682.45	10232.37	10431.85	2.20	ppb
Chromium	52-2	110.52	116.16	109.67	112.11	3.15	ppb
Cobalt	59-2	13.55	13.76	13.12	13.48	2.44	ppb
Copper	63-2	422.38	434.36	418.90	425.21	1.91	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				75		%
Holmium	165-2				71		%
Indium	115-1				80		%
Indium	115-2				78		%
Iron	56-2	79029.62	82109.52	77989.81	79709.65	2.69	ppb
Iron	57-2	80384.77	83181.59	80192.07	81252.81	2.06	ppb
Krypton	83-1						cps
Lead	207-1	1607.79	1612.78	1615.07	1611.88	0.23	ppb
Lead	208-1	1652.28	1668.70	1657.82	1659.60	0.50	ppb
Lead	206-1	1701.82	1735.44	1721.16	1719.47	0.98	ppb
Lithium	6-1				135		%
Magnesium	24-2	2775.38	2848.03	2643.36	2755.59	3.77	ppb

LB Number :	LB102143	Operator :	Jaswal
Lab Sample ID :	K2234-02LX5	Instrumnet Name :	P8
Client Sample ID :	SSSI-0401-S-DH-3L	Dilution Factor :	5
Date & Time Acquired ::	2019-04-16 17:15:14	DataFile Name :	035SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	600.88	633.04	603.20	612.37	2.93	ppb
Molybdenum	94-1	13.09	13.47	13.61	13.39	2.02	ppb
Molybdenum	95-1	6.26	6.36	6.47	6.36	1.66	ppb
Molybdenum	96-1	7.05	7.76	7.05	7.29	5.63	ppb
Molybdenum	97-1	6.54	6.92	6.07	6.51	6.54	ppb
Molybdenum	98-1	6.24	6.12	5.91	6.09	2.75	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	73.04	74.75	71.43	73.07	2.27	ppb
Phosphorus	31-2	4355.78	4557.06	4276.61	4396.48	3.29	ppb
Potassium	39-2	854.56	858.61	833.64	848.94	1.58	ppb
Rhodium	103-1				82		%
Rhodium	103-2				79		%
Scandium	45-1				95		%
Scandium	45-2				88		%
Selenium	77-2	6.61	13.84	14.73	11.72	37.99	ppb
Selenium	78-2	5.38	2.52	3.35	3.75	39.15	ppb
Selenium	82-1	2.77	2.12	3.64	2.84	26.93	ppb
Silicon	28-1	1909.47	1989.69	1907.83	1935.66	2.42	ppb
Silver	109-1	11.88	12.25	12.21	12.11	1.67	ppb
Silver	107-1	11.98	12.18	12.11	12.09	0.84	ppb
Sodium	23-2	385.75	398.83	382.43	389.00	2.23	ppb
Strontium	86-1	82.15	84.43	84.02	83.53	1.45	ppb
Strontium	88-1	81.89	84.36	82.49	82.92	1.56	ppb
Sulfur	34-1	-4163.27	-4285.95	-4440.11	-4296.44		ppb
Terbium	159-1				75		%
Terbium	159-2				72		%
Thallium	203-1	0.10	0.08	0.10	0.09	13.01	ppb
Thallium	205-1	0.08	0.10	0.11	0.10	14.32	ppb
Tin	118-1	103.37	107.53	109.11	106.67	2.78	ppb
Titanium	47-1	136.40	136.61	138.25	137.09	0.74	ppb
Uranium	238-1	0.99	0.95	0.93	0.96	3.52	ppb
Vanadium	51-2	101.45	105.32	101.26	102.68	2.23	ppb
Yttrium	89-1				88		%
Yttrium	89-2				84		%
Zinc	66-2	1476.72	1523.01	1472.90	1490.88	1.87	ppb

LB Number :	LB102143	Operator :	Jaswal
Lab Sample ID :	K2234-02LX5	Instrumnet Name :	P8
Client Sample ID :	SSSI-0401-S-DH-3L	Dilution Factor :	5
Date & Time Acquired ::	2019-04-16 17:15:14	DataFile Name :	035SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	90-1	5.92	6.13	6.07	6.04	1.76	ppb
Zirconium	91-1	5.94	6.06	6.16	6.05	1.81	ppb

LB Number :	LB102143	Operator :	Jaswal
Lab Sample ID :	K2234-02MS	Instrumnet Name :	P8
Client Sample ID :	SSSI-0401-S-DH-3MS	Dilution Factor :	1
Date & Time Acquired ::	2019-04-16 17:18:43	DataFile Name :	036SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	48022.94	47462.88	47288.64	47591.49	0.81	ppb
Antimony	121-1	511.42	503.23	502.11	505.59	1.00	ppb
Arsenic	75-2	484.31	480.28	483.34	482.65	0.44	ppb
Barium	135-1	8909.71	8758.71	8751.29	8806.57	1.02	ppb
Barium	137-1	8814.04	8754.47	8631.63	8733.38	1.07	ppb
Beryllium	9-1	437.35	437.82	436.33	437.17	0.17	ppb
Bismuth	209-1				72		%
Bismuth	209-2				65		%
Boron	11-1	457.51	471.51	464.57	464.53	1.51	ppb
Boron	10-1	464.66	475.68	459.32	466.56	1.79	ppb
Cadmium	106-1	568.95	542.65	526.75	546.12	3.90	ppb
Cadmium	108-1	523.01	512.95	496.05	510.67	2.67	ppb
Cadmium	111-1	512.85	502.78	500.61	505.41	1.29	ppb
Calcium	43-1	92752.44	90870.14	91896.10	91839.56	1.03	ppb
Calcium	44-1	91308.55	91683.94	91835.13	91609.21	0.30	ppb
Chromium	52-2	958.18	942.19	937.85	946.07	1.13	ppb
Cobalt	59-2	494.39	485.24	489.63	489.75	0.93	ppb
Copper	63-2	2780.94	2739.75	2727.70	2749.46	1.02	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				78		%
Holmium	165-2				77		%
Indium	115-1				80		%
Indium	115-2				79		%
Iron	56-2	388843.24	380499.23	376379.14	381907.20	1.66	ppb
Iron	57-2	382811.53	381315.24	380188.21	381438.33	0.35	ppb
Krypton	83-1						cps
Lead	207-1	8047.75	8110.52	8099.68	8085.98	0.41	ppb
Lead	208-1	8308.05	8314.32	8347.34	8323.24	0.25	ppb
Lead	206-1	8581.62	8573.42	8602.98	8586.01	0.18	ppb
Lithium	6-1				146		%
Magnesium	24-2	59449.50	58708.62	58329.25	58829.12	0.97	ppb

LB Number :	LB102143	Operator :	Jaswal
Lab Sample ID :	K2234-02MS	Instrumnet Name :	P8
Client Sample ID :	SSSI-0401-S-DH-3MS	Dilution Factor :	1
Date & Time Acquired ::	2019-04-16 17:18:43	DataFile Name :	036SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	3774.57	3708.47	3674.73	3719.26	1.37	ppb
Molybdenum	94-1	2086.41	2118.64	2097.93	2100.99	0.78	ppb
Molybdenum	95-1	2072.64	2099.88	2078.45	2083.66	0.69	ppb
Molybdenum	96-1	2096.47	2087.62	2069.33	2084.47	0.66	ppb
Molybdenum	97-1	2099.49	2094.23	2086.93	2093.55	0.30	ppb
Molybdenum	98-1	2104.07	2077.88	2032.19	2071.38	1.76	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	776.85	757.12	766.39	766.79	1.29	ppb
Phosphorus	31-2	20922.05	20188.80	20672.16	20594.33	1.81	ppb
Potassium	39-2	26136.38	25012.52	25109.47	25419.46	2.45	ppb
Rhodium	103-1				82		%
Rhodium	103-2				82		%
Scandium	45-1				100		%
Scandium	45-2				96		%
Selenium	77-2	429.67	461.86	398.99	430.17	7.31	ppb
Selenium	78-2	402.25	402.97	401.89	402.37	0.14	ppb
Selenium	82-1	404.78	406.81	402.36	404.65	0.55	ppb
Silicon	28-1	9317.77	9087.69	9281.83	9229.10	1.34	ppb
Silver	109-1	546.05	537.22	535.28	539.52	1.06	ppb
Silver	107-1	545.39	538.69	531.79	538.62	1.26	ppb
Sodium	23-2	48318.16	47715.76	47324.86	47786.26	1.05	ppb
Strontium	86-1	762.06	763.58	756.41	760.68	0.50	ppb
Strontium	88-1	763.12	767.40	754.72	761.75	0.85	ppb
Sulfur	34-1	7102.36	6593.81	7035.48	6910.55	4.00	ppb
Terbium	159-1				78		%
Terbium	159-2				78		%
Thallium	203-1	432.19	432.34	438.77	434.43	0.86	ppb
Thallium	205-1	440.62	447.45	449.66	445.91	1.06	ppb
Tin	118-1	1031.70	1019.44	1015.17	1022.10	0.84	ppb
Titanium	47-1	2886.78	2888.94	2831.84	2869.19	1.13	ppb
Uranium	238-1	436.02	441.46	449.60	442.36	1.54	ppb
Vanadium	51-2	912.91	899.23	906.46	906.20	0.76	ppb
Yttrium	89-1				99		%
Yttrium	89-2				98		%
Zinc	66-2	7840.42	7697.80	7684.66	7740.96	1.12	ppb

LB Number :	LB102143	Operator :	Jaswal
Lab Sample ID :	K2234-02MS	Instrumnet Name :	P8
Client Sample ID :	SSSI-0401-S-DH-3MS	Dilution Factor :	1
Date & Time Acquired ::	2019-04-16 17:18:43	DataFile Name :	036SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	90-1	440.73	428.70	433.62	434.35	1.39	ppb
Zirconium	91-1	421.38	421.33	417.34	420.01	0.55	ppb

LB Number :	LB102143	Operator :	Jaswal
Lab Sample ID :	K2234-02MSD	Instrumnet Name :	P8
Client Sample ID :	SSSI-0401-S-DH-3MSD	Dilution Factor :	1
Date & Time Acquired ::	2019-04-16 17:22:05	DataFile Name :	037SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	47190.74	47241.80	47197.51	47210.02	0.06	ppb
Antimony	121-1	500.62	488.49	506.40	498.50	1.83	ppb
Arsenic	75-2	478.00	486.87	480.36	481.74	0.95	ppb
Barium	135-1	8562.40	8678.39	8699.16	8646.65	0.85	ppb
Barium	137-1	8453.10	8597.51	8690.91	8580.51	1.40	ppb
Beryllium	9-1	419.62	418.00	415.32	417.65	0.52	ppb
Bismuth	209-1				72		%
Bismuth	209-2				67		%
Boron	11-1	436.30	429.45	433.78	433.18	0.80	ppb
Boron	10-1	444.41	439.48	444.94	442.94	0.68	ppb
Cadmium	106-1	523.50	528.25	539.02	530.26	1.50	ppb
Cadmium	108-1	495.72	501.97	513.12	503.60	1.75	ppb
Cadmium	111-1	491.59	493.51	496.86	493.99	0.54	ppb
Calcium	43-1	91237.69	92998.41	92032.41	92089.50	0.96	ppb
Calcium	44-1	90485.15	91721.73	92288.11	91498.33	1.01	ppb
Chromium	52-2	943.38	953.48	942.66	946.51	0.64	ppb
Cobalt	59-2	484.90	488.45	486.08	486.48	0.37	ppb
Copper	63-2	2683.14	2740.58	2711.62	2711.78	1.06	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				78		%
Holmium	165-2				79		%
Indium	115-1				80		%
Indium	115-2				80		%
Iron	56-2	382631.20	387124.83	378037.05	382597.69	1.19	ppb
Iron	57-2	379588.08	379446.48	376715.20	378583.25	0.43	ppb
Krypton	83-1						cps
Lead	207-1	8086.97	8085.22	8144.82	8105.67	0.42	ppb
Lead	208-1	8356.33	8365.27	8445.43	8389.01	0.58	ppb
Lead	206-1	8615.23	8647.90	8733.24	8665.46	0.70	ppb
Lithium	6-1				173		%
Magnesium	24-2	59143.13	59279.45	58152.00	58858.19	1.05	ppb

LB Number :	LB102143	Operator :	Jaswal
Lab Sample ID :	K2234-02MSD	Instrumnet Name :	P8
Client Sample ID :	SSSI-0401-S-DH-3MSD	Dilution Factor :	1
Date & Time Acquired ::	2019-04-16 17:22:05	DataFile Name :	037SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	3659.30	3726.37	3676.98	3687.55	0.94	ppb
Molybdenum	94-1	2115.01	2115.88	2111.11	2114.00	0.12	ppb
Molybdenum	95-1	2085.11	2124.63	2110.55	2106.77	0.95	ppb
Molybdenum	96-1	2085.76	2080.76	2119.80	2095.44	1.01	ppb
Molybdenum	97-1	2086.40	2090.42	2113.71	2096.84	0.70	ppb
Molybdenum	98-1	2066.17	2079.65	2094.18	2080.00	0.67	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	756.84	770.73	761.60	763.06	0.93	ppb
Phosphorus	31-2	21098.86	20127.22	20329.75	20518.61	2.50	ppb
Potassium	39-2	25404.56	25778.14	25543.86	25575.52	0.74	ppb
Rhodium	103-1				82		%
Rhodium	103-2				83		%
Scandium	45-1				101		%
Scandium	45-2				98		%
Selenium	77-2	456.53	435.66	438.39	443.53	2.56	ppb
Selenium	78-2	423.68	405.05	408.10	412.27	2.42	ppb
Selenium	82-1	396.31	408.42	406.05	403.60	1.59	ppb
Silicon	28-1	9223.19	9303.27	9254.85	9260.44	0.44	ppb
Silver	109-1	523.71	525.18	529.33	526.07	0.55	ppb
Silver	107-1	526.85	534.19	536.05	532.36	0.91	ppb
Sodium	23-2	48001.10	47350.96	47911.15	47754.40	0.74	ppb
Strontium	86-1	764.39	763.61	759.26	762.42	0.36	ppb
Strontium	88-1	765.52	761.70	782.29	769.84	1.42	ppb
Sulfur	34-1	6734.84	7475.41	7433.04	7214.43	5.76	ppb
Terbium	159-1				80		%
Terbium	159-2				80		%
Thallium	203-1	438.34	440.87	440.77	439.99	0.33	ppb
Thallium	205-1	451.87	451.95	455.52	453.11	0.46	ppb
Tin	118-1	989.07	996.30	997.29	994.22	0.45	ppb
Titanium	47-1	2843.70	2849.99	2941.01	2878.23	1.89	ppb
Uranium	238-1	447.89	452.41	438.37	446.22	1.61	ppb
Vanadium	51-2	897.53	909.75	901.34	902.87	0.69	ppb
Yttrium	89-1				99		%
Yttrium	89-2				99		%
Zinc	66-2	7638.53	7699.19	7758.13	7698.62	0.78	ppb

LB Number :	LB102143	Operator :	Jaswal
Lab Sample ID :	K2234-02MSD	Instrumnet Name :	P8
Client Sample ID :	SSSI-0401-S-DH-3MSD	Dilution Factor :	1
Date & Time Acquired ::	2019-04-16 17:22:05	DataFile Name :	037SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	90-1	435.56	443.16	435.89	438.20	0.98	ppb
Zirconium	91-1	417.01	424.89	422.52	421.47	0.96	ppb

LB Number :	LB102143	Operator :	Jaswal
Lab Sample ID :	K2234-02A	Instrumnet Name :	P8
Client Sample ID :	SSSI-0401-S-DH-3A	Dilution Factor :	1
Date & Time Acquired ::	2019-04-16 17:25:26	DataFile Name :	038SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	47205.51	47258.12	47307.45	47257.03	0.11	ppb
Antimony	121-1	518.25	505.60	524.04	515.97	1.83	ppb
Arsenic	75-2	485.63	480.35	472.69	479.55	1.36	ppb
Barium	135-1	8885.00	8845.30	9008.39	8912.90	0.95	ppb
Barium	137-1	8957.35	8686.97	8910.58	8851.63	1.63	ppb
Beryllium	9-1	420.09	423.86	428.75	424.23	1.02	ppb
Bismuth	209-1				72		%
Bismuth	209-2				66		%
Boron	11-1	442.62	433.40	447.58	441.20	1.63	ppb
Boron	10-1	431.33	445.00	452.00	442.78	2.37	ppb
Cadmium	106-1	552.20	556.70	549.27	552.72	0.68	ppb
Cadmium	108-1	511.81	508.37	521.43	513.87	1.32	ppb
Cadmium	111-1	508.51	505.97	520.22	511.57	1.49	ppb
Calcium	43-1	91427.47	90425.36	94351.37	92068.07	2.22	ppb
Calcium	44-1	92154.98	89193.96	94068.89	91805.95	2.68	ppb
Chromium	52-2	948.63	940.75	936.20	941.86	0.67	ppb
Cobalt	59-2	492.55	490.96	490.73	491.41	0.20	ppb
Copper	63-2	2701.18	2727.33	2741.56	2723.35	0.75	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				78		%
Holmium	165-2				80		%
Indium	115-1				80		%
Indium	115-2				80		%
Iron	56-2	389480.08	388382.18	389860.79	389241.02	0.20	ppb
Iron	57-2	377250.19	382528.67	383828.08	381202.31	0.91	ppb
Krypton	83-1						cps
Lead	207-1	8266.41	8120.20	8447.38	8278.00	1.98	ppb
Lead	208-1	8585.69	8407.22	8743.03	8578.65	1.96	ppb
Lead	206-1	8932.75	8663.36	9032.91	8876.34	2.15	ppb
Lithium	6-1				172		%
Magnesium	24-2	59164.07	58752.37	57273.57	58396.67	1.70	ppb

LB Number :	LB102143	Operator :	Jaswal
Lab Sample ID :	K2234-02A	Instrumnet Name :	P8
Client Sample ID :	SSSI-0401-S-DH-3A	Dilution Factor :	1
Date & Time Acquired ::	2019-04-16 17:25:26	DataFile Name :	038SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	3765.71	3737.45	3712.20	3738.45	0.72	ppb
Molybdenum	94-1	2125.44	2113.43	2122.02	2120.30	0.29	ppb
Molybdenum	95-1	2131.51	2077.45	2106.54	2105.17	1.29	ppb
Molybdenum	96-1	2117.74	2035.97	2106.82	2086.84	2.13	ppb
Molybdenum	97-1	2085.67	2069.89	2111.87	2089.14	1.02	ppb
Molybdenum	98-1	2072.90	2049.65	2124.54	2082.37	1.84	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	768.81	768.32	772.24	769.79	0.28	ppb
Phosphorus	31-2	21355.31	20208.19	20280.79	20614.76	3.12	ppb
Potassium	39-2	25651.52	24664.85	25148.84	25155.07	1.96	ppb
Rhodium	103-1				82		%
Rhodium	103-2				83		%
Scandium	45-1				101		%
Scandium	45-2				97		%
Selenium	77-2	451.69	430.39	499.18	460.42	7.65	ppb
Selenium	78-2	402.03	394.62	392.37	396.34	1.28	ppb
Selenium	82-1	409.49	399.61	413.65	407.59	1.77	ppb
Silicon	28-1	9281.42	9265.78	9690.92	9412.71	2.56	ppb
Silver	109-1	528.84	537.87	550.23	538.98	1.99	ppb
Silver	107-1	536.63	533.47	556.16	542.09	2.27	ppb
Sodium	23-2	48455.34	48728.98	47662.53	48282.28	1.15	ppb
Strontium	86-1	768.68	757.18	765.77	763.88	0.78	ppb
Strontium	88-1	776.56	767.90	781.30	775.25	0.88	ppb
Sulfur	34-1	6907.10	7162.28	8265.13	7444.84	9.69	ppb
Terbium	159-1				79		%
Terbium	159-2				79		%
Thallium	203-1	446.87	438.22	450.48	445.19	1.42	ppb
Thallium	205-1	461.20	447.89	462.20	457.10	1.75	ppb
Tin	118-1	1023.12	993.13	1046.01	1020.75	2.60	ppb
Titanium	47-1	2880.87	2844.70	2974.78	2900.12	2.32	ppb
Uranium	238-1	447.94	442.02	452.80	447.59	1.21	ppb
Vanadium	51-2	907.77	904.00	904.00	905.26	0.24	ppb
Yttrium	89-1				100		%
Yttrium	89-2				100		%
Zinc	66-2	7776.06	7678.41	7844.48	7766.31	1.07	ppb

LB Number :	LB102143	Operator :	Jaswal
Lab Sample ID :	K2234-02A	Instrumnet Name :	P8
Client Sample ID :	SSSI-0401-S-DH-3A	Dilution Factor :	1
Date & Time Acquired ::	2019-04-16 17:25:26	DataFile Name :	038SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	90-1	442.42	433.10	446.17	440.56	1.53	ppb
Zirconium	91-1	422.13	418.76	425.32	422.07	0.78	ppb

LB Number :	LB102143	Operator :	Jaswal
Lab Sample ID :	K2234-02DL2X5	Instrumnet Name :	P8
Client Sample ID :	SSSI-0401-S-DH-3DL2	Dilution Factor :	5
Date & Time Acquired ::	2019-04-16 17:34:43	DataFile Name :	040SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	8567.85	8207.74	8391.98	8389.19	2.15	ppb
Antimony	121-1	6.82	6.95	6.62	6.80	2.44	ppb
Arsenic	75-2	20.47	19.27	18.79	19.51	4.43	ppb
Barium	135-1	1349.32	1366.72	1344.41	1353.48	0.87	ppb
Barium	137-1	1382.53	1385.44	1366.88	1378.28	0.72	ppb
Beryllium	9-1	0.68	0.55	0.74	0.65	14.82	ppb
Bismuth	209-1				71		%
Bismuth	209-2				64		%
Boron	11-1	8.12	8.98	7.24	8.11	10.75	ppb
Boron	10-1	11.12	9.72	8.08	9.64	15.81	ppb
Cadmium	106-1	14.61	13.88	12.46	13.65	8.00	ppb
Cadmium	108-1	6.85	7.04	6.97	6.95	1.40	ppb
Cadmium	111-1	6.60	6.50	5.89	6.33	6.08	ppb
Calcium	43-1	10436.71	10765.42	10692.68	10631.60	1.62	ppb
Calcium	44-1	10768.85	11042.94	10906.30	10906.03	1.26	ppb
Chromium	52-2	114.62	109.74	111.59	111.98	2.20	ppb
Cobalt	59-2	13.65	13.44	13.40	13.50	1.02	ppb
Copper	63-2	434.56	415.97	427.52	426.02	2.20	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				77		%
Holmium	165-2				76		%
Indium	115-1				82		%
Indium	115-2				80		%
Iron	56-2	80936.36	78210.95	80275.82	79807.71	1.78	ppb
Iron	57-2	83108.86	80052.23	81745.40	81635.50	1.88	ppb
Krypton	83-1						cps
Lead	207-1	1705.49	1673.17	1678.94	1685.87	1.02	ppb
Lead	208-1	1749.31	1733.11	1721.16	1734.53	0.81	ppb
Lead	206-1	1814.98	1818.97	1787.21	1807.05	0.96	ppb
Lithium	6-1				143		%
Magnesium	24-2	2830.19	2730.67	2760.23	2773.70	1.84	ppb

LB Number :	LB102143	Operator :	Jaswal
Lab Sample ID :	K2234-02DL2X5	Instrumnet Name :	P8
Client Sample ID :	SSSI-0401-S-DH-3DL2	Dilution Factor :	5
Date & Time Acquired ::	2019-04-16 17:34:43	DataFile Name :	040SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	619.09	604.88	609.46	611.14	1.19	ppb
Molybdenum	94-1	14.51	13.31	13.79	13.87	4.34	ppb
Molybdenum	95-1	6.62	6.55	6.65	6.60	0.80	ppb
Molybdenum	96-1	7.63	7.62	7.71	7.65	0.65	ppb
Molybdenum	97-1	6.74	6.32	6.37	6.48	3.54	ppb
Molybdenum	98-1	6.79	6.32	6.60	6.57	3.62	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	74.27	72.32	73.02	73.21	1.35	ppb
Phosphorus	31-2	4497.03	4668.65	4431.13	4532.27	2.71	ppb
Potassium	39-2	844.81	805.27	850.97	833.68	2.98	ppb
Rhodium	103-1				84		%
Rhodium	103-2				82		%
Scandium	45-1				96		%
Scandium	45-2				92		%
Selenium	77-2	17.66	19.00	3.29	13.32	65.43	ppb
Selenium	78-2	3.78	2.44	2.39	2.87	27.52	ppb
Selenium	82-1	2.58	2.05	1.68	2.10	21.50	ppb
Silicon	28-1	1970.55	2032.20	2036.48	2013.08	1.83	ppb
Silver	109-1	12.44	12.62	12.07	12.37	2.27	ppb
Silver	107-1	12.27	12.42	12.09	12.26	1.33	ppb
Sodium	23-2	384.99	386.46	393.67	388.37	1.20	ppb
Strontium	86-1	87.26	83.36	84.90	85.17	2.30	ppb
Strontium	88-1	87.74	84.83	85.21	85.93	1.85	ppb
Sulfur	34-1	-2399.51	-1331.29	-1949.82	-1893.54		ppb
Terbium	159-1				77		%
Terbium	159-2				77		%
Thallium	203-1	0.12	0.20	0.15	0.16	25.27	ppb
Thallium	205-1	0.10	0.11	0.13	0.12	11.47	ppb
Tin	118-1	109.18	111.25	108.78	109.74	1.21	ppb
Titanium	47-1	140.89	145.18	141.25	142.44	1.67	ppb
Uranium	238-1	0.92	0.88	0.91	0.91	2.36	ppb
Vanadium	51-2	104.11	100.33	102.00	102.15	1.85	ppb
Yttrium	89-1				90		%
Yttrium	89-2				87		%
Zinc	66-2	1528.40	1484.60	1500.10	1504.37	1.48	ppb

LB Number :	LB102143	Operator :	Jaswal
Lab Sample ID :	K2234-02DL2X5	Instrumnet Name :	P8
Client Sample ID :	SSSI-0401-S-DH-3DL2	Dilution Factor :	5
Date & Time Acquired ::	2019-04-16 17:34:43	DataFile Name :	040SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	90-1	6.32	6.09	6.19	6.20	1.85	ppb
Zirconium	91-1	6.28	6.00	6.07	6.12	2.32	ppb

LB Number : LB102143 Operator : Jaswal
 Lab Sample ID : K2234-02DUPDL2X5 Instrumnet Name : P8
 Client Sample ID : SSSI-0401-S-DH-3DUPE Dilution Factor : 5
 Date & Time Acquired :: 2019-04-16 17:38:12 DataFile Name : 041SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	8138.76	8194.25	8190.27	8174.42	0.38	ppb
Antimony	121-1	6.42	6.32	6.53	6.42	1.65	ppb
Arsenic	75-2	19.14	19.25	18.58	18.99	1.88	ppb
Barium	135-1	1303.28	1294.12	1281.44	1292.95	0.85	ppb
Barium	137-1	1301.24	1278.17	1283.75	1287.72	0.93	ppb
Beryllium	9-1	0.66	0.72	0.76	0.71	6.60	ppb
Bismuth	209-1				69		%
Bismuth	209-2				64		%
Boron	11-1	6.41	5.48	5.64	5.84	8.49	ppb
Boron	10-1	9.46	8.87	7.44	8.59	12.12	ppb
Cadmium	106-1	12.49	8.73	5.86	9.03	36.87	ppb
Cadmium	108-1	7.67	7.05	5.59	6.77	15.79	ppb
Cadmium	111-1	6.04	5.89	6.03	5.99	1.39	ppb
Calcium	43-1	10353.56	10128.32	10169.66	10217.18	1.17	ppb
Calcium	44-1	10450.67	10531.35	10343.50	10441.84	0.90	ppb
Chromium	52-2	108.64	108.21	108.04	108.30	0.29	ppb
Cobalt	59-2	12.75	12.99	13.01	12.92	1.10	ppb
Copper	63-2	412.83	416.87	406.53	412.08	1.26	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				76		%
Holmium	165-2				76		%
Indium	115-1				81		%
Indium	115-2				80		%
Iron	56-2	76940.60	76979.00	77420.41	77113.33	0.35	ppb
Iron	57-2	78196.26	79042.43	78585.27	78607.98	0.54	ppb
Krypton	83-1						cps
Lead	207-1	1621.52	1643.48	1635.84	1633.61	0.68	ppb
Lead	208-1	1666.49	1675.39	1671.08	1670.99	0.27	ppb
Lead	206-1	1712.26	1729.28	1754.37	1731.97	1.22	ppb
Lithium	6-1				140		%
Magnesium	24-2	2626.96	2678.85	2696.20	2667.34	1.35	ppb

LB Number :	LB102143	Operator :	Jaswal
Lab Sample ID :	K2234-02DUPDL2X5	Instrumnet Name :	P8
Client Sample ID :	SSSI-0401-S-DH-3DUPC	Dilution Factor :	5
Date & Time Acquired ::	2019-04-16 17:38:12	DataFile Name :	041SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	585.10	592.19	591.65	589.64	0.67	ppb
Molybdenum	94-1	12.85	13.10	13.56	13.17	2.75	ppb
Molybdenum	95-1	6.09	6.16	6.15	6.13	0.56	ppb
Molybdenum	96-1	7.21	6.72	7.18	7.04	3.91	ppb
Molybdenum	97-1	6.22	6.02	6.84	6.36	6.66	ppb
Molybdenum	98-1	6.42	5.93	6.36	6.23	4.32	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	72.44	70.89	73.09	72.14	1.57	ppb
Phosphorus	31-2	4105.84	4480.46	4027.60	4204.63	5.76	ppb
Potassium	39-2	782.68	838.90	780.53	800.70	4.13	ppb
Rhodium	103-1				83		%
Rhodium	103-2				83		%
Scandium	45-1				96		%
Scandium	45-2				91		%
Selenium	77-2	8.05	3.36	17.42	9.61	74.49	ppb
Selenium	78-2	2.70	2.72	2.18	2.54	12.15	ppb
Selenium	82-1	0.83	2.69	3.69	2.40	60.33	ppb
Silicon	28-1	1909.47	1972.76	1870.65	1917.63	2.69	ppb
Silver	109-1	12.07	11.43	11.84	11.78	2.75	ppb
Silver	107-1	12.20	11.77	11.68	11.88	2.34	ppb
Sodium	23-2	366.63	384.26	380.27	377.05	2.45	ppb
Strontium	86-1	80.81	80.03	82.18	81.01	1.34	ppb
Strontium	88-1	82.80	81.96	82.71	82.49	0.56	ppb
Sulfur	34-1	-2895.62	-3353.73	-3839.83	-3363.06		ppb
Terbium	159-1				76		%
Terbium	159-2				76		%
Thallium	203-1	0.15	0.16	0.20	0.17	15.92	ppb
Thallium	205-1	0.10	0.09	0.09	0.09	6.22	ppb
Tin	118-1	105.81	106.55	105.36	105.91	0.57	ppb
Titanium	47-1	136.42	136.78	135.46	136.22	0.50	ppb
Uranium	238-1	0.89	0.90	0.94	0.91	2.90	ppb
Vanadium	51-2	98.86	98.78	99.33	98.99	0.30	ppb
Yttrium	89-1				88		%
Yttrium	89-2				87		%
Zinc	66-2	1447.82	1463.38	1428.98	1446.73	1.19	ppb

LB Number :	LB102143	Operator :	Jaswal
Lab Sample ID :	K2234-02DUPDL2X5	Instrumnet Name :	P8
Client Sample ID :	SSSI-0401-S-DH-3DUPL	Dilution Factor :	5
Date & Time Acquired ::	2019-04-16 17:38:12	DataFile Name :	041SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	90-1	5.85	6.04	6.01	5.97	1.71	ppb
Zirconium	91-1	5.76	5.64	5.63	5.68	1.32	ppb

LB Number :	LB102143	Operator :	Jaswal
Lab Sample ID :	K2234-02LDL2X25	Instrumnet Name :	P8
Client Sample ID :	SSSI-0401-S-DH-3LDL2	Dilution Factor :	25
Date & Time Acquired ::	2019-04-16 17:41:41	DataFile Name :	042SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	1681.37	1692.01	1642.35	1671.91	1.56	ppb
Antimony	121-1	1.39	1.17	1.26	1.27	8.64	ppb
Arsenic	75-2	3.86	3.98	3.44	3.76	7.54	ppb
Barium	135-1	273.17	265.38	267.57	268.71	1.50	ppb
Barium	137-1	271.94	256.73	270.59	266.42	3.16	ppb
Beryllium	9-1	0.10	0.11	0.17	0.13	28.07	ppb
Bismuth	209-1				71		%
Bismuth	209-2				70		%
Boron	11-1	-0.18	-0.24	-0.35	-0.25		ppb
Boron	10-1	-1.73	0.40	0.51	-0.27		ppb
Cadmium	106-1	2.82	2.46	-0.37	1.64	106.50	ppb
Cadmium	108-1	1.43	2.28	0.53	1.42	61.60	ppb
Cadmium	111-1	1.38	1.27	1.28	1.31	4.49	ppb
Calcium	43-1	2047.64	2083.77	2035.65	2055.69	1.22	ppb
Calcium	44-1	2110.18	2090.83	2074.42	2091.81	0.86	ppb
Chromium	52-2	22.63	22.40	23.02	22.68	1.37	ppb
Cobalt	59-2	2.64	2.78	2.62	2.68	3.12	ppb
Copper	63-2	85.37	85.17	84.89	85.14	0.29	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				78		%
Holmium	165-2				79		%
Indium	115-1				83		%
Indium	115-2				83		%
Iron	56-2	16243.24	15895.31	15875.16	16004.57	1.29	ppb
Iron	57-2	16197.59	15818.15	15849.97	15955.24	1.32	ppb
Krypton	83-1						cps
Lead	207-1	326.68	323.82	326.42	325.64	0.49	ppb
Lead	208-1	337.22	335.76	334.43	335.80	0.42	ppb
Lead	206-1	353.54	349.98	346.64	350.05	0.99	ppb
Lithium	6-1				126		%
Magnesium	24-2	542.51	559.09	547.85	549.82	1.54	ppb

LB Number : LB102143 Operator : Jaswal
 Lab Sample ID : K2234-02LDL2X25 Instrumnet Name : P8
 Client Sample ID : SSSI-0401-S-DH-3LDL2 Dilution Factor : 25
 Date & Time Acquired :: 2019-04-16 17:41:41 DataFile Name : 042SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	123.31	121.73	121.82	122.28	0.72	ppb
Molybdenum	94-1	2.80	2.74	2.93	2.82	3.54	ppb
Molybdenum	95-1	1.22	1.41	1.47	1.37	9.35	ppb
Molybdenum	96-1	1.49	1.55	1.51	1.52	2.06	ppb
Molybdenum	97-1	1.32	1.38	1.29	1.33	3.65	ppb
Molybdenum	98-1	1.30	1.36	1.26	1.31	3.84	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	14.66	14.50	14.08	14.41	2.09	ppb
Phosphorus	31-2	916.28	649.14	906.15	823.86	18.38	ppb
Potassium	39-2	171.31	165.61	154.26	163.73	5.30	ppb
Rhodium	103-1				85		%
Rhodium	103-2				85		%
Scandium	45-1				96		%
Scandium	45-2				92		%
Selenium	77-2	3.35	-1.37	0.20	0.73	330.92	ppb
Selenium	78-2	1.43	-0.13	-1.14	0.06	2298.72	ppb
Selenium	82-1	0.76	1.23	-0.13	0.62	111.98	ppb
Silicon	28-1	554.90	536.69	509.41	533.67	4.29	ppb
Silver	109-1	2.71	2.40	2.59	2.56	6.15	ppb
Silver	107-1	2.49	2.42	2.53	2.48	2.34	ppb
Sodium	23-2	113.27	125.22	116.36	118.28	5.24	ppb
Strontium	86-1	17.69	17.51	17.42	17.54	0.76	ppb
Strontium	88-1	17.72	17.66	17.29	17.55	1.31	ppb
Sulfur	34-1	-7133.74	-7097.21	-7291.98	-7174.31		ppb
Terbium	159-1				77		%
Terbium	159-2				79		%
Thallium	203-1	0.03	0.00	0.03	0.02	66.75	ppb
Thallium	205-1	0.00	0.01	-0.01	0.00	645.28	ppb
Tin	118-1	22.38	22.06	22.30	22.25	0.75	ppb
Titanium	47-1	27.27	25.93	27.15	26.78	2.76	ppb
Uranium	238-1	0.19	0.18	0.18	0.18	4.27	ppb
Vanadium	51-2	20.85	20.04	20.50	20.46	1.98	ppb
Yttrium	89-1				87		%
Yttrium	89-2				87		%
Zinc	66-2	308.21	301.48	297.77	302.49	1.75	ppb

LB Number :	LB102143	Operator :	Jaswal
Lab Sample ID :	K2234-02LDL2X25	Instrumnet Name :	P8
Client Sample ID :	SSSI-0401-S-DH-3LDL2	Dilution Factor :	25
Date & Time Acquired ::	2019-04-16 17:41:41	DataFile Name :	042SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	90-1	1.30	1.24	1.22	1.25	3.20	ppb
Zirconium	91-1	1.26	1.13	1.24	1.21	5.89	ppb

LB Number :	LB102143	Operator :	Jaswal
Lab Sample ID :	K2234-02MSDL2X5	Instrumnet Name :	P8
Client Sample ID :	SSSI-0401-S-DH-3MSDL	Dilution Factor :	5
Date & Time Acquired ::	2019-04-16 17:45:13	DataFile Name :	043SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	9700.15	9518.92	9857.12	9692.06	1.75	ppb
Antimony	121-1	99.84	97.71	98.70	98.75	1.08	ppb
Arsenic	75-2	107.00	107.77	105.29	106.68	1.19	ppb
Barium	135-1	1744.09	1707.00	1735.31	1728.80	1.12	ppb
Barium	137-1	1778.54	1715.56	1766.66	1753.59	1.91	ppb
Beryllium	9-1	89.69	87.56	90.68	89.31	1.79	ppb
Bismuth	209-1				74		%
Bismuth	209-2				75		%
Boron	11-1	98.30	91.24	91.47	93.67	4.28	ppb
Boron	10-1	84.86	88.53	98.28	90.56	7.66	ppb
Cadmium	106-1	104.95	90.34	108.98	101.42	9.67	ppb
Cadmium	108-1	103.20	97.32	98.43	99.65	3.14	ppb
Cadmium	111-1	100.95	99.88	101.29	100.71	0.73	ppb
Calcium	43-1	18825.96	18720.18	18841.86	18796.00	0.35	ppb
Calcium	44-1	19032.32	18793.75	18968.28	18931.45	0.65	ppb
Chromium	52-2	197.73	195.20	196.91	196.62	0.66	ppb
Cobalt	59-2	102.89	101.00	103.58	102.49	1.30	ppb
Copper	63-2	581.39	564.40	580.82	575.54	1.68	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				80		%
Holmium	165-2				83		%
Indium	115-1				85		%
Indium	115-2				86		%
Iron	56-2	80942.87	79996.54	80620.56	80519.99	0.60	ppb
Iron	57-2	83200.22	81997.52	82415.38	82537.71	0.74	ppb
Krypton	83-1						cps
Lead	207-1	1705.90	1695.23	1714.60	1705.24	0.57	ppb
Lead	208-1	1749.73	1748.06	1761.13	1752.97	0.41	ppb
Lead	206-1	1809.20	1822.76	1829.04	1820.34	0.56	ppb
Lithium	6-1				123		%
Magnesium	24-2	11803.47	11765.33	11917.72	11828.84	0.67	ppb

LB Number :	LB102143	Operator :	Jaswal
Lab Sample ID :	K2234-02MSDL2X5	Instrumnet Name :	P8
Client Sample ID :	SSSI-0401-S-DH-3MSDL	Dilution Factor :	5
Date & Time Acquired ::	2019-04-16 17:45:13	DataFile Name :	043SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	763.66	752.15	762.64	759.49	0.84	ppb
Molybdenum	94-1	461.18	457.49	451.38	456.68	1.08	ppb
Molybdenum	95-1	449.90	456.73	447.47	451.36	1.06	ppb
Molybdenum	96-1	446.46	450.55	446.58	447.87	0.52	ppb
Molybdenum	97-1	449.04	450.49	449.38	449.64	0.17	ppb
Molybdenum	98-1	456.13	451.04	450.46	452.54	0.69	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	163.62	159.79	164.17	162.53	1.47	ppb
Phosphorus	31-2	4368.39	4315.52	4070.11	4251.34	3.74	ppb
Potassium	39-2	5241.57	5166.28	5130.15	5179.33	1.10	ppb
Rhodium	103-1				86		%
Rhodium	103-2				87		%
Scandium	45-1				98		%
Scandium	45-2				94		%
Selenium	77-2	98.46	105.55	110.72	104.91	5.86	ppb
Selenium	78-2	97.38	85.19	91.59	91.38	6.67	ppb
Selenium	82-1	91.38	88.93	90.24	90.18	1.36	ppb
Silicon	28-1	1940.64	1889.80	1910.52	1913.65	1.34	ppb
Silver	109-1	104.45	104.44	106.18	105.02	0.96	ppb
Silver	107-1	107.32	104.25	107.32	106.30	1.67	ppb
Sodium	23-2	9604.88	9567.09	9642.50	9604.82	0.39	ppb
Strontium	86-1	170.36	167.26	166.21	167.95	1.28	ppb
Strontium	88-1	176.39	174.72	172.31	174.48	1.17	ppb
Sulfur	34-1	-3309.97	-3478.73	-3261.42	-3350.04		ppb
Terbium	159-1				81		%
Terbium	159-2				83		%
Thallium	203-1	89.81	87.00	88.41	88.41	1.59	ppb
Thallium	205-1	89.88	89.08	90.00	89.65	0.56	ppb
Tin	118-1	198.85	195.40	198.72	197.66	0.99	ppb
Titanium	47-1	580.27	569.64	576.54	575.48	0.94	ppb
Uranium	238-1	86.55	87.02	85.40	86.32	0.97	ppb
Vanadium	51-2	187.20	187.77	186.83	187.26	0.25	ppb
Yttrium	89-1				92		%
Yttrium	89-2				92		%
Zinc	66-2	1598.19	1602.75	1623.53	1608.16	0.84	ppb

LB Number :	LB102143	Operator :	Jaswal
Lab Sample ID :	K2234-02MSDL2X5	Instrumnet Name :	P8
Client Sample ID :	SSSI-0401-S-DH-3MSDL	Dilution Factor :	5
Date & Time Acquired ::	2019-04-16 17:45:13	DataFile Name :	043SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	90-1	94.66	92.86	94.05	93.86	0.98	ppb
Zirconium	91-1	93.71	92.13	92.98	92.94	0.85	ppb

LB Number :	LB102143	Operator :	Jaswal
Lab Sample ID :	CCV81	Instrumnet Name :	P8
Client Sample ID :	CCV81	Dilution Factor :	1
Date & Time Acquired ::	2019-04-16 17:48:52	DataFile Name :	044SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	52241.78	52430.83	51771.88	52148.16	0.65	ppb
Antimony	121-1	495.80	501.00	513.32	503.37	1.79	ppb
Arsenic	75-2	495.06	498.28	495.53	496.29	0.35	ppb
Barium	135-1	2465.31	2470.39	2529.96	2488.55	1.44	ppb
Barium	137-1	2457.54	2476.79	2494.87	2476.40	0.75	ppb
Beryllium	9-1	452.15	452.27	444.42	449.61	1.00	ppb
Bismuth	209-1				81		%
Bismuth	209-2				82		%
Boron	11-1	416.92	426.07	416.72	419.90	1.27	ppb
Boron	10-1	458.20	430.47	436.24	441.64	3.31	ppb
Cadmium	106-1	502.86	512.90	511.62	509.13	1.07	ppb
Cadmium	108-1	495.49	494.95	505.97	498.80	1.25	ppb
Cadmium	111-1	488.72	491.51	494.39	491.54	0.58	ppb
Calcium	43-1	251633.86	246656.38	246487.30	248259.18	1.18	ppb
Calcium	44-1	247110.22	243956.59	242989.70	244685.50	0.88	ppb
Chromium	52-2	484.68	487.60	479.02	483.76	0.90	ppb
Cobalt	59-2	474.05	475.76	467.42	472.41	0.93	ppb
Copper	63-2	922.54	923.51	914.84	920.29	0.52	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				91		%
Holmium	165-2				93		%
Indium	115-1				92		%
Indium	115-2				92		%
Iron	56-2	124718.74	125371.67	122178.14	124089.52	1.36	ppb
Iron	57-2	128443.04	128230.03	125225.63	127299.57	1.41	ppb
Krypton	83-1						cps
Lead	207-1	489.04	489.09	493.01	490.38	0.47	ppb
Lead	208-1	488.49	489.45	490.27	489.40	0.18	ppb
Lead	206-1	490.67	490.45	489.60	490.24	0.11	ppb
Lithium	6-1				193		%
Magnesium	24-2	253892.16	252971.01	249231.24	252031.47	0.98	ppb

LB Number :	LB102143	Operator :	Jaswal
Lab Sample ID :	CCV81	Instrumnet Name :	P8
Client Sample ID :	CCV81	Dilution Factor :	1
Date & Time Acquired ::	2019-04-16 17:48:52	DataFile Name :	044SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	955.62	959.83	944.27	953.24	0.84	ppb
Molybdenum	94-1	2395.36	2441.91	2394.88	2410.72	1.12	ppb
Molybdenum	95-1	2371.72	2363.20	2372.25	2369.05	0.21	ppb
Molybdenum	96-1	2372.12	2391.52	2345.20	2369.61	0.98	ppb
Molybdenum	97-1	2362.79	2422.83	2388.37	2391.33	1.26	ppb
Molybdenum	98-1	2344.16	2377.22	2359.31	2360.23	0.70	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	470.35	475.16	469.59	471.70	0.64	ppb
Phosphorus	31-2	10289.13	10012.20	9974.86	10092.06	1.70	ppb
Potassium	39-2	119465.98	121287.13	119048.77	119933.96	0.99	ppb
Rhodium	103-1				91		%
Rhodium	103-2				89		%
Scandium	45-1				106		%
Scandium	45-2				100		%
Selenium	77-2	437.85	497.74	479.10	471.56	6.50	ppb
Selenium	78-2	490.86	488.62	463.82	481.10	3.12	ppb
Selenium	82-1	489.01	481.49	481.46	483.98	0.90	ppb
Silicon	28-1	766.93	738.49	675.50	726.97	6.44	ppb
Silver	109-1	491.08	497.41	501.97	496.82	1.10	ppb
Silver	107-1	495.59	490.07	511.29	498.99	2.21	ppb
Sodium	23-2	252055.35	251989.32	247148.02	250397.56	1.12	ppb
Strontium	86-1	478.25	472.77	474.34	475.12	0.59	ppb
Strontium	88-1	481.29	481.14	480.80	481.08	0.05	ppb
Sulfur	34-1	12328.53	10448.43	9205.78	10660.91	14.75	ppb
Terbium	159-1				92		%
Terbium	159-2				94		%
Thallium	203-1	487.62	490.02	486.25	487.96	0.39	ppb
Thallium	205-1	505.41	499.83	497.83	501.02	0.78	ppb
Tin	118-1	489.16	489.02	501.37	493.18	1.44	ppb
Titanium	47-1	2433.50	2427.70	2386.82	2416.01	1.05	ppb
Uranium	238-1	502.26	509.45	515.54	509.08	1.31	ppb
Vanadium	51-2	488.04	486.11	479.92	484.69	0.87	ppb
Yttrium	89-1				99		%
Yttrium	89-2				95		%
Zinc	66-2	946.47	948.95	935.50	943.64	0.76	ppb

LB Number :	LB102143	Operator :	Jaswal
Lab Sample ID :	CCV81	Instrumnet Name :	P8
Client Sample ID :	CCV81	Dilution Factor :	1
Date & Time Acquired ::	2019-04-16 17:48:52	DataFile Name :	044SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	90-1	487.51	486.69	484.77	486.32	0.29	ppb
Zirconium	91-1	471.93	475.39	467.14	471.49	0.88	ppb

LB Number :	LB102143	Operator :	Jaswal
Lab Sample ID :	CCB81	Instrumnet Name :	P8
Client Sample ID :	CCB81	Dilution Factor :	1
Date & Time Acquired ::	2019-04-16 17:56:43	DataFile Name :	045SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	-1.48	-1.20	-2.01	-1.56		ppb
Antimony	121-1	0.04	0.05	0.03	0.04	22.07	ppb
Arsenic	75-2	-0.01	0.00	-0.02	-0.01		ppb
Barium	135-1	-0.01	0.02	0.00	0.00	878.84	ppb
Barium	137-1	0.00	-0.01	0.01	0.00		ppb
Beryllium	9-1	-0.02	0.00	0.03	0.00	695.44	ppb
Bismuth	209-1				80		%
Bismuth	209-2				80		%
Boron	11-1	-2.23	-2.61	-2.63	-2.49		ppb
Boron	10-1	0.36	-1.74	-1.72	-1.03		ppb
Cadmium	106-1	-8.31	-8.99	-6.81	-8.04		ppb
Cadmium	108-1	-0.02	-0.07	-0.20	-0.10		ppb
Cadmium	111-1	-0.19	-0.21	-0.14	-0.18		ppb
Calcium	43-1	-65.36	-83.12	-68.43	-72.30		ppb
Calcium	44-1	-29.45	-31.65	-26.94	-29.34		ppb
Chromium	52-2	-0.03	0.01	0.04	0.00	1276.96	ppb
Cobalt	59-2	-0.03	-0.01	-0.01	-0.02		ppb
Copper	63-2	0.12	0.12	0.09	0.11	17.00	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				86		%
Holmium	165-2				86		%
Indium	115-1				91		%
Indium	115-2				91		%
Iron	56-2	0.30	0.22	-0.07	0.15	131.47	ppb
Iron	57-2	-1.84	-1.39	-1.58	-1.60		ppb
Krypton	83-1						cps
Lead	207-1	1.32	1.27	1.26	1.28	2.47	ppb
Lead	208-1	1.37	1.32	1.26	1.32	4.28	ppb
Lead	206-1	1.56	1.34	1.26	1.39	11.33	ppb
Lithium	6-1				189		%
Magnesium	24-2	0.56	0.36	0.18	0.37	51.45	ppb

LB Number :	LB102143	Operator :	Jaswal
Lab Sample ID :	CCB81	Instrumnet Name :	P8
Client Sample ID :	CCB81	Dilution Factor :	1
Date & Time Acquired ::	2019-04-16 17:56:43	DataFile Name :	045SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	-0.01	-0.02	0.01	-0.01		ppb
Molybdenum	94-1	0.03	0.02	-0.01	0.01	144.27	ppb
Molybdenum	95-1	-0.02	-0.02	-0.01	-0.01		ppb
Molybdenum	96-1	0.01	0.01	-0.01	0.00	189.32	ppb
Molybdenum	97-1	0.03	-0.03	0.00	0.00		ppb
Molybdenum	98-1	-0.01	0.01	0.00	0.00		ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	-0.03	-0.01	-0.04	-0.03		ppb
Phosphorus	31-2	-27.16	-15.34	-8.99	-17.16		ppb
Potassium	39-2	8.84	9.04	50.99	22.96	105.77	ppb
Rhodium	103-1				92		%
Rhodium	103-2				91		%
Scandium	45-1				103		%
Scandium	45-2				95		%
Selenium	77-2	-1.37	-1.37	-1.37	-1.37		ppb
Selenium	78-2	-0.70	0.98	0.77	0.35	260.03	ppb
Selenium	82-1	0.35	-0.76	0.32	-0.03		ppb
Silicon	28-1	140.17	124.30	131.09	131.86	6.04	ppb
Silver	109-1	0.02	0.03	0.02	0.02	14.36	ppb
Silver	107-1	0.04	0.03	0.03	0.03	23.63	ppb
Sodium	23-2	96.32	83.49	76.34	85.38	11.86	ppb
Strontium	86-1	0.04	-0.05	0.01	0.00	17781.63	ppb
Strontium	88-1	0.00	0.00	0.00	0.00		ppb
Sulfur	34-1	-2047.35	-2349.74	-2231.77	-2209.62		ppb
Terbium	159-1				86		%
Terbium	159-2				87		%
Thallium	203-1	-0.01	-0.03	0.01	-0.01		ppb
Thallium	205-1	0.00	-0.03	-0.01	-0.01		ppb
Tin	118-1	-0.01	-0.01	0.00	-0.01		ppb
Titanium	47-1	-3.38	-3.48	-5.11	-3.99		ppb
Uranium	238-1	0.00	0.00	0.00	0.00		ppb
Vanadium	51-2	-0.02	-0.04	-0.04	-0.03		ppb
Yttrium	89-1				93		%
Yttrium	89-2				92		%
Zinc	66-2	0.34	0.49	0.40	0.41	18.60	ppb

LB Number :	LB102143	Operator :	Jaswal
Lab Sample ID :	CCB81	Instrumnet Name :	P8
Client Sample ID :	CCB81	Dilution Factor :	1
Date & Time Acquired ::	2019-04-16 17:56:43	DataFile Name :	045SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	90-1	0.02	0.02	0.00	0.01	121.35	ppb
Zirconium	91-1	-0.01	0.03	0.00	0.01	298.10	ppb

LB Number :	LB102143	Operator :	Jaswal
Lab Sample ID :	K2234-02MSDDL2X5	Instrumnet Name :	P8
Client Sample ID :	SSSI-0401-S-DH-3MSDL	Dilution Factor :	5
Date & Time Acquired ::	2019-04-16 18:00:16	DataFile Name :	046SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	9916.18	9646.42	9760.46	9774.35	1.39	ppb
Antimony	121-1	97.40	96.93	96.64	96.99	0.39	ppb
Arsenic	75-2	105.74	105.60	104.13	105.16	0.85	ppb
Barium	135-1	1722.10	1718.31	1698.24	1712.88	0.75	ppb
Barium	137-1	1743.70	1749.44	1709.95	1734.36	1.23	ppb
Beryllium	9-1	81.62	83.04	84.02	82.89	1.45	ppb
Bismuth	209-1				77		%
Bismuth	209-2				76		%
Boron	11-1	81.09	79.41	82.78	81.09	2.08	ppb
Boron	10-1	83.61	81.29	88.74	84.55	4.51	ppb
Cadmium	106-1	110.00	89.29	106.46	101.92	10.87	ppb
Cadmium	108-1	106.47	104.95	95.79	102.40	5.64	ppb
Cadmium	111-1	100.49	99.96	99.63	100.03	0.43	ppb
Calcium	43-1	18697.97	18660.56	18488.97	18615.83	0.60	ppb
Calcium	44-1	18868.77	18947.38	18616.68	18810.94	0.92	ppb
Chromium	52-2	196.89	192.10	192.31	193.77	1.40	ppb
Cobalt	59-2	103.60	101.18	102.11	102.30	1.19	ppb
Copper	63-2	582.75	567.27	570.63	573.55	1.42	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				84		%
Holmium	165-2				86		%
Indium	115-1				88		%
Indium	115-2				89		%
Iron	56-2	80640.86	79369.33	79823.43	79944.54	0.81	ppb
Iron	57-2	82817.44	79598.80	81165.36	81193.87	1.98	ppb
Krypton	83-1						cps
Lead	207-1	1649.33	1672.79	1647.49	1656.54	0.85	ppb
Lead	208-1	1713.83	1721.67	1690.63	1708.71	0.94	ppb
Lead	206-1	1779.89	1801.99	1750.91	1777.60	1.44	ppb
Lithium	6-1				172		%
Magnesium	24-2	12167.40	11995.79	12062.65	12075.28	0.72	ppb

LB Number :	LB102143	Operator :	Jaswal
Lab Sample ID :	K2234-02MSDDL2X5	Instrumnet Name :	P8
Client Sample ID :	SSSI-0401-S-DH-3MSDC	Dilution Factor :	5
Date & Time Acquired ::	2019-04-16 18:00:16	DataFile Name :	046SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	769.27	747.83	748.02	755.04	1.63	ppb
Molybdenum	94-1	456.30	453.47	459.02	456.26	0.61	ppb
Molybdenum	95-1	452.25	449.02	453.00	451.42	0.47	ppb
Molybdenum	96-1	450.20	446.26	451.82	449.43	0.64	ppb
Molybdenum	97-1	452.45	444.88	457.54	451.62	1.41	ppb
Molybdenum	98-1	450.64	449.94	462.40	454.32	1.54	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	163.07	158.24	156.95	159.42	2.03	ppb
Phosphorus	31-2	4415.91	4343.01	4038.51	4265.81	4.69	ppb
Potassium	39-2	5265.47	5152.33	5153.00	5190.27	1.25	ppb
Rhodium	103-1				89		%
Rhodium	103-2				90		%
Scandium	45-1				104		%
Scandium	45-2				97		%
Selenium	77-2	97.58	84.51	69.74	83.94	16.59	ppb
Selenium	78-2	91.72	98.16	94.79	94.89	3.39	ppb
Selenium	82-1	92.43	90.68	90.71	91.27	1.10	ppb
Silicon	28-1	1905.05	1956.50	1958.01	1939.85	1.55	ppb
Silver	109-1	105.06	103.98	103.02	104.02	0.98	ppb
Silver	107-1	106.23	104.43	103.01	104.56	1.54	ppb
Sodium	23-2	9877.89	9968.14	9964.23	9936.75	0.51	ppb
Strontium	86-1	165.82	166.18	166.47	166.16	0.20	ppb
Strontium	88-1	173.21	172.89	171.78	172.63	0.44	ppb
Sulfur	34-1	-547.85	-267.25	-517.37	-444.16		ppb
Terbium	159-1				85		%
Terbium	159-2				86		%
Thallium	203-1	89.08	87.43	86.99	87.83	1.25	ppb
Thallium	205-1	89.70	89.48	87.98	89.05	1.05	ppb
Tin	118-1	194.28	193.79	192.14	193.40	0.58	ppb
Titanium	47-1	566.28	572.26	566.86	568.47	0.58	ppb
Uranium	238-1	86.74	85.63	84.67	85.68	1.21	ppb
Vanadium	51-2	187.86	184.81	183.82	185.50	1.13	ppb
Yttrium	89-1				95		%
Yttrium	89-2				94		%
Zinc	66-2	1624.20	1596.64	1592.05	1604.30	1.08	ppb

LB Number :	LB102143	Operator :	Jaswal
Lab Sample ID :	K2234-02MSDDL2X5	Instrumnet Name :	P8
Client Sample ID :	SSSI-0401-S-DH-3MSDL	Dilution Factor :	5
Date & Time Acquired ::	2019-04-16 18:00:16	DataFile Name :	046SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	90-1	93.73	93.02	93.90	93.55	0.50	ppb
Zirconium	91-1	92.93	92.02	93.20	92.71	0.67	ppb

LB Number : LB102143 Operator : Jaswal
 Lab Sample ID : K2234-02ADL2X5 Instrumnet Name : P8
 Client Sample ID : SSSI-0401-S-DH-3ADL2 Dilution Factor : 5
 Date & Time Acquired :: 2019-04-16 18:03:43 DataFile Name : 047SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	9838.33	9851.73	9875.76	9855.27	0.19	ppb
Antimony	121-1	99.39	99.61	99.64	99.55	0.14	ppb
Arsenic	75-2	106.23	108.19	108.03	107.48	1.01	ppb
Barium	135-1	1767.10	1746.85	1766.56	1760.17	0.66	ppb
Barium	137-1	1771.34	1785.48	1788.26	1781.70	0.51	ppb
Beryllium	9-1	84.37	85.21	87.22	85.60	1.71	ppb
Bismuth	209-1				80		%
Bismuth	209-2				78		%
Boron	11-1	81.13	81.51	86.56	83.07	3.65	ppb
Boron	10-1	77.61	77.58	90.20	81.80	8.90	ppb
Cadmium	106-1	106.98	105.34	101.09	104.47	2.91	ppb
Cadmium	108-1	109.91	102.99	106.40	106.43	3.25	ppb
Cadmium	111-1	102.73	102.60	102.67	102.66	0.06	ppb
Calcium	43-1	18543.37	18820.49	18799.40	18721.09	0.82	ppb
Calcium	44-1	18914.17	19198.15	19123.88	19078.74	0.77	ppb
Chromium	52-2	195.75	197.63	196.43	196.60	0.49	ppb
Cobalt	59-2	104.37	103.20	102.27	103.28	1.02	ppb
Copper	63-2	571.11	577.53	574.12	574.25	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				86		%
Holmium	165-2				87		%
Indium	115-1				90		%
Indium	115-2				90		%
Iron	56-2	81538.21	82060.90	80230.57	81276.56	1.16	ppb
Iron	57-2	82239.54	83143.19	83301.77	82894.83	0.69	ppb
Krypton	83-1						cps
Lead	207-1	1692.84	1684.32	1701.95	1693.04	0.52	ppb
Lead	208-1	1734.12	1741.13	1752.89	1742.71	0.54	ppb
Lead	206-1	1805.27	1818.78	1820.56	1814.87	0.46	ppb
Lithium	6-1				179		%
Magnesium	24-2	12079.41	12235.51	12084.47	12133.13	0.73	ppb

LB Number :	LB102143	Operator :	Jaswal
Lab Sample ID :	K2234-02ADL2X5	Instrumnet Name :	P8
Client Sample ID :	SSSI-0401-S-DH-3ADL2	Dilution Factor :	5
Date & Time Acquired ::	2019-04-16 18:03:43	DataFile Name :	047SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	761.69	769.52	762.74	764.65	0.56	ppb
Molybdenum	94-1	473.36	470.43	459.02	467.60	1.62	ppb
Molybdenum	95-1	466.51	461.55	452.12	460.06	1.59	ppb
Molybdenum	96-1	465.65	452.84	449.44	455.98	1.87	ppb
Molybdenum	97-1	465.23	458.29	454.64	459.38	1.17	ppb
Molybdenum	98-1	470.40	453.20	465.07	462.89	1.90	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	162.20	161.93	160.87	161.67	0.43	ppb
Phosphorus	31-2	4120.59	4257.10	4184.93	4187.54	1.63	ppb
Potassium	39-2	5208.39	5218.67	5319.35	5248.80	1.17	ppb
Rhodium	103-1				91		%
Rhodium	103-2				91		%
Scandium	45-1				105		%
Scandium	45-2				98		%
Selenium	77-2	105.28	97.50	83.48	95.42	11.58	ppb
Selenium	78-2	93.53	94.73	86.41	91.56	4.91	ppb
Selenium	82-1	90.54	88.27	90.61	89.81	1.48	ppb
Silicon	28-1	1951.89	1963.47	2006.93	1974.10	1.47	ppb
Silver	109-1	107.25	105.30	107.14	106.56	1.03	ppb
Silver	107-1	109.75	105.48	107.34	107.52	1.99	ppb
Sodium	23-2	10065.21	10035.49	10324.18	10141.63	1.57	ppb
Strontium	86-1	170.27	170.05	166.98	169.10	1.09	ppb
Strontium	88-1	175.96	177.27	174.95	176.06	0.66	ppb
Sulfur	34-1	-567.13	-100.84	-140.46	-269.48		ppb
Terbium	159-1				86		%
Terbium	159-2				88		%
Thallium	203-1	89.32	89.21	89.31	89.28	0.07	ppb
Thallium	205-1	90.09	90.26	91.46	90.60	0.82	ppb
Tin	118-1	200.68	198.48	197.12	198.76	0.90	ppb
Titanium	47-1	572.43	569.95	577.95	573.45	0.71	ppb
Uranium	238-1	87.06	86.14	87.44	86.88	0.77	ppb
Vanadium	51-2	185.43	187.93	188.84	187.40	0.94	ppb
Yttrium	89-1				97		%
Yttrium	89-2				96		%
Zinc	66-2	1617.56	1624.18	1617.04	1619.59	0.25	ppb

LB Number :	LB102143	Operator :	Jaswal
Lab Sample ID :	K2234-02ADL2X5	Instrumnet Name :	P8
Client Sample ID :	SSSI-0401-S-DH-3ADL2	Dilution Factor :	5
Date & Time Acquired ::	2019-04-16 18:03:43	DataFile Name :	047SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	90-1	95.45	95.96	93.40	94.94	1.43	ppb
Zirconium	91-1	94.19	95.23	92.35	93.92	1.55	ppb

LB Number :	LB102143	Operator :	Jaswal
Lab Sample ID :	CCV82	Instrumnet Name :	P8
Client Sample ID :	CCV82	Dilution Factor :	1
Date & Time Acquired ::	2019-04-16 18:08:48	DataFile Name :	048CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	51476.62	52591.49	52778.95	52282.35	1.35	ppb
Antimony	121-1	515.76	513.71	510.13	513.20	0.56	ppb
Arsenic	75-2	491.12	492.43	490.24	491.26	0.22	ppb
Barium	135-1	2552.93	2532.84	2469.41	2518.39	1.73	ppb
Barium	137-1	2490.96	2511.42	2489.58	2497.32	0.49	ppb
Beryllium	9-1	432.78	425.59	422.67	427.01	1.22	ppb
Bismuth	209-1				77		%
Bismuth	209-2				75		%
Boron	11-1	392.45	393.93	398.25	394.88	0.76	ppb
Boron	10-1	410.76	412.22	412.02	411.67	0.19	ppb
Cadmium	106-1	507.59	497.08	501.09	501.92	1.06	ppb
Cadmium	108-1	510.96	503.88	497.16	504.00	1.37	ppb
Cadmium	111-1	500.85	494.01	496.90	497.25	0.69	ppb
Calcium	43-1	251767.83	247803.62	243677.93	247749.79	1.63	ppb
Calcium	44-1	249056.10	243631.17	243177.41	245288.23	1.33	ppb
Chromium	52-2	470.29	478.24	478.92	475.81	1.01	ppb
Cobalt	59-2	461.14	464.80	465.16	463.70	0.48	ppb
Copper	63-2	901.22	898.55	902.98	900.92	0.25	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				87		%
Holmium	165-2				88		%
Indium	115-1				88		%
Indium	115-2				88		%
Iron	56-2	120657.77	122600.69	121821.91	121693.46	0.80	ppb
Iron	57-2	120568.50	124929.75	125047.64	123515.30	2.07	ppb
Krypton	83-1						cps
Lead	207-1	489.33	493.65	487.05	490.01	0.68	ppb
Lead	208-1	490.48	492.39	487.18	490.01	0.54	ppb
Lead	206-1	490.25	497.62	488.34	492.07	1.00	ppb
Lithium	6-1				222		%
Magnesium	24-2	248364.18	250825.55	255506.89	251565.54	1.44	ppb

LB Number :	LB102143	Operator :	Jaswal
Lab Sample ID :	CCV82	Instrumnet Name :	P8
Client Sample ID :	CCV82	Dilution Factor :	1
Date & Time Acquired ::	2019-04-16 18:08:48	DataFile Name :	048CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	923.64	931.13	936.03	930.27	0.67	ppb
Molybdenum	94-1	2354.99	2394.75	2459.27	2403.00	2.19	ppb
Molybdenum	95-1	2339.32	2366.16	2379.71	2361.73	0.87	ppb
Molybdenum	96-1	2311.04	2354.06	2408.84	2357.98	2.08	ppb
Molybdenum	97-1	2381.19	2366.24	2479.44	2408.96	2.55	ppb
Molybdenum	98-1	2317.25	2353.56	2392.20	2354.34	1.59	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	464.97	463.58	466.91	465.15	0.36	ppb
Phosphorus	31-2	9990.26	10417.37	9976.90	10128.18	2.47	ppb
Potassium	39-2	119007.99	120701.80	119385.42	119698.40	0.74	ppb
Rhodium	103-1				88		%
Rhodium	103-2				86		%
Scandium	45-1				105		%
Scandium	45-2				99		%
Selenium	77-2	438.90	448.60	503.21	463.57	7.48	ppb
Selenium	78-2	483.40	479.20	472.85	478.48	1.11	ppb
Selenium	82-1	477.49	481.45	492.97	483.97	1.66	ppb
Silicon	28-1	792.67	740.78	807.21	780.22	4.48	ppb
Silver	109-1	509.31	509.03	498.37	505.57	1.23	ppb
Silver	107-1	516.64	505.61	503.27	508.51	1.40	ppb
Sodium	23-2	249482.10	252943.62	256133.69	252853.14	1.32	ppb
Strontium	86-1	469.61	468.26	476.72	471.53	0.96	ppb
Strontium	88-1	478.63	478.13	490.84	482.53	1.49	ppb
Sulfur	34-1	13549.17	11564.80	11781.70	12298.56	8.85	ppb
Terbium	159-1				87		%
Terbium	159-2				87		%
Thallium	203-1	489.36	490.48	485.14	488.33	0.58	ppb
Thallium	205-1	504.24	508.78	495.09	502.70	1.39	ppb
Tin	118-1	505.07	494.69	498.33	499.36	1.05	ppb
Titanium	47-1	2469.17	2411.11	2418.87	2433.05	1.30	ppb
Uranium	238-1	503.80	512.60	508.51	508.30	0.87	ppb
Vanadium	51-2	474.47	479.28	479.34	477.70	0.58	ppb
Yttrium	89-1				96		%
Yttrium	89-2				93		%
Zinc	66-2	916.65	921.00	917.69	918.44	0.25	ppb

LB Number :	LB102143	Operator :	Jaswal
Lab Sample ID :	CCV82	Instrumnet Name :	P8
Client Sample ID :	CCV82	Dilution Factor :	1
Date & Time Acquired ::	2019-04-16 18:08:48	DataFile Name :	048CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	90-1	491.99	494.16	493.98	493.37	0.24	ppb
Zirconium	91-1	468.49	472.30	473.24	471.34	0.53	ppb

LB Number : LB102143 Operator : Jaswal
 Lab Sample ID : CCB82 Instrumnet Name : P8
 Client Sample ID : CCB82 Dilution Factor : 1
 Date & Time Acquired :: 2019-04-16 18:13:52 DataFile Name : 049CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	-2.07	0.04	-1.49	-1.17		ppb
Antimony	121-1	0.07	0.04	0.05	0.06	24.41	ppb
Arsenic	75-2	0.00	0.01	0.03	0.01	181.62	ppb
Barium	135-1	0.00	-0.05	0.01	-0.01		ppb
Barium	137-1	-0.01	-0.05	0.01	-0.02		ppb
Beryllium	9-1	0.04	-0.02	-0.04	-0.01		ppb
Bismuth	209-1				81		%
Bismuth	209-2				77		%
Boron	11-1	-1.46	-2.05	-3.34	-2.28		ppb
Boron	10-1	-1.41	-1.86	-3.89	-2.39		ppb
Cadmium	106-1	-16.13	-2.75	0.65	-6.08		ppb
Cadmium	108-1	0.37	0.04	0.30	0.23	75.30	ppb
Cadmium	111-1	-0.36	-0.07	0.02	-0.14		ppb
Calcium	43-1	-63.27	-97.42	-71.29	-77.32		ppb
Calcium	44-1	-32.03	-41.80	-30.64	-34.82		ppb
Chromium	52-2	-0.01	0.04	0.00	0.01	202.53	ppb
Cobalt	59-2	0.01	-0.03	-0.02	-0.01		ppb
Copper	63-2	0.20	0.14	0.22	0.19	21.13	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				87		%
Holmium	165-2				86		%
Indium	115-1				93		%
Indium	115-2				90		%
Iron	56-2	2.44	1.40	1.46	1.77	33.02	ppb
Iron	57-2	1.88	1.44	-1.29	0.68	252.89	ppb
Krypton	83-1						cps
Lead	207-1	1.39	1.08	1.00	1.16	17.82	ppb
Lead	208-1	1.24	1.13	1.07	1.14	7.81	ppb
Lead	206-1	1.23	1.26	1.17	1.22	3.93	ppb
Lithium	6-1				212		%
Magnesium	24-2	6.22	1.96	2.42	3.54	66.18	ppb

LB Number :	LB102143	Operator :	Jaswal
Lab Sample ID :	CCB82	Instrumnet Name :	P8
Client Sample ID :	CCB82	Dilution Factor :	1
Date & Time Acquired ::	2019-04-16 18:13:52	DataFile Name :	049CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	0.04	0.00	-0.02	0.01	431.36	ppb
Molybdenum	94-1	-0.01	0.01	0.03	0.01	165.07	ppb
Molybdenum	95-1	0.10	0.03	0.05	0.06	57.80	ppb
Molybdenum	96-1	0.04	-0.01	0.05	0.03	107.77	ppb
Molybdenum	97-1	0.07	0.00	0.03	0.04	97.04	ppb
Molybdenum	98-1	0.07	0.04	0.03	0.05	46.44	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.00	-0.02	0.01	-0.01		ppb
Phosphorus	31-2	-15.47	-15.88	-21.09	-17.48		ppb
Potassium	39-2	24.62	24.18	35.13	27.97	22.16	ppb
Rhodium	103-1				93		%
Rhodium	103-2				91		%
Scandium	45-1				106		%
Scandium	45-2				96		%
Selenium	77-2	-1.37	1.62	-1.37	-0.37		ppb
Selenium	78-2	-1.43	-0.70	0.77	-0.45		ppb
Selenium	82-1	0.12	0.40	-1.45	-0.31		ppb
Silicon	28-1	153.88	38.14	75.54	89.19	66.23	ppb
Silver	109-1	0.04	0.03	0.03	0.03	8.90	ppb
Silver	107-1	0.07	0.05	0.06	0.06	10.42	ppb
Sodium	23-2	118.22	113.98	124.73	118.98	4.55	ppb
Strontium	86-1	0.00	0.00	-0.08	-0.03		ppb
Strontium	88-1	0.00	0.00	0.01	0.00	93.90	ppb
Sulfur	34-1	-2401.94	-3741.05	-3049.43	-3064.14		ppb
Terbium	159-1				87		%
Terbium	159-2				87		%
Thallium	203-1	0.01	-0.01	0.00	0.00		ppb
Thallium	205-1	-0.01	-0.01	0.00	-0.01		ppb
Tin	118-1	0.03	0.02	0.04	0.03	37.71	ppb
Titanium	47-1	-4.40	-5.61	-5.23	-5.08		ppb
Uranium	238-1	0.00	0.00	0.00	0.00	1296.89	ppb
Vanadium	51-2	-0.05	-0.04	-0.04	-0.04		ppb
Yttrium	89-1				96		%
Yttrium	89-2				92		%
Zinc	66-2	0.57	0.19	0.38	0.38	50.72	ppb

LB Number :	LB102143	Operator :	Jaswal
Lab Sample ID :	CCB82	Instrumnet Name :	P8
Client Sample ID :	CCB82	Dilution Factor :	1
Date & Time Acquired ::	2019-04-16 18:13:52	DataFile Name :	049CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	90-1	0.02	0.00	0.03	0.01	90.22	ppb
Zirconium	91-1	-0.01	0.02	0.04	0.01	193.53	ppb

LB Number :	LB102143	Operator :	Jaswal
Lab Sample ID :	S0	Instrumnet Name :	P8
Client Sample ID :	S0	Dilution Factor :	1
Date & Time Acquired ::	2019-04-16 14:59:07	DataFile Name :	003CALB.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	65	115	103	94	27.63	cps
Antimony	121-1	75	100	50	75	33.34	cps
Arsenic	75-2	13	17	4	11	60.13	cps
Barium	135-1	50	67	33	50	33.34	cps
Barium	137-1	117	75	133	108	27.74	cps
Beryllium	9-1	17	37	20	24	43.83	cps
Bismuth	209-1	1790407	1832328	1817047	1813261	1.17	cps
Bismuth	209-2	1593107	1597855	1583256	1591406	0.47	cps
Boron	11-1	1483	1659	1292	1478	12.41	cps
Boron	10-1	233	242	292	256	12.34	cps
Cadmium	106-1	13399	13924	13999	13774	2.38	cps
Cadmium	108-1	17	42	46	35	45.42	cps
Cadmium	111-1	2706	2785	2828	2773	2.24	cps
Calcium	43-1	6008	5771	5865	5881	2.03	cps
Calcium	44-1	58418	58324	58515	58419	0.16	cps
Chromium	52-2	490	547	543	527	6.04	cps
Cobalt	59-2	80	137	107	108	26.30	cps
Copper	63-2	483	473	423	460	6.99	cps
Dysprosium	156-1	8	25	0	11	114.58	cps
Dysprosium	156-2	0	0	7	2	173.21	cps
Erbium	164-1	8	17	33	19	65.47	cps
Erbium	164-2	7	0	13	7	99.98	cps
Gadolinium	160-1	83	8	75	56	74.00	cps
Gadolinium	160-2	33	63	60	52	31.49	cps
Holmium	165-1	3230419	3297802	3221752	3249991	1.28	cps
Holmium	165-2	2240458	2196360	2197056	2211291	1.14	cps
Indium	115-1	3341104	3325615	3326075	3330931	0.26	cps
Indium	115-2	630166	631484	627234	629628	0.35	cps
Iron	56-2	1850	1911	1839	1867	2.08	cps
Iron	57-2	194	256	194	215	16.43	cps
Krypton	83-1	517	573	563	551	5.49	cps
Lead	207-1	428	406	439	424	4.00	cps
Lead	208-1	2056	1956	2161	2058	5.00	cps
Lead	206-1	483	478	533	498	6.14	cps
Lithium	6-1	109719	110464	111550	110578	0.83	cps
Magnesium	24-2	33	75	50	53	39.74	cps

LB Number :	LB102143	Operator :	Jaswal
Lab Sample ID :	S0	Instrumnet Name :	P8
Client Sample ID :	S0	Dilution Factor :	1
Date & Time Acquired ::	2019-04-16 14:59:07	DataFile Name :	003CALB.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	23	27	27	26	7.55	cps
Molybdenum	94-1	133	142	133	136	3.53	cps
Molybdenum	95-1	125	92	67	94	30.99	cps
Molybdenum	96-1	100	67	108	92	24.05	cps
Molybdenum	97-1	75	50	42	56	31.22	cps
Molybdenum	98-1	117	100	75	97	21.57	cps
Neodymium	150-1	7	7	13	9	43.25	cps
Neodymium	150-2	0	0	0	0	0.00	cps
Nickel	60-2	43	33	40	39	13.09	cps
Phosphorus	31-2	25	17	58	33	66.14	cps
Potassium	39-2	18813	18012	19414	18747	3.75	cps
Rhodium	103-1	3329308	3362606	3288501	3326805	1.12	cps
Rhodium	103-2	1866257	1895794	1892490	1884847	0.86	cps
Scandium	45-1	2549914	2561557	2531516	2547662	0.59	cps
Scandium	45-2	72885	71434	72473	72264	1.03	cps
Selenium	77-2	3	7	0	3	100.05	cps
Selenium	78-2	22	15	17	18	21.54	cps
Selenium	82-1	-11	-93	-79	-61	-72.57	cps
Silicon	28-1	3216152	3215492	3233121	3221588	0.31	cps
Silver	109-1	158	208	192	186	13.68	cps
Silver	107-1	200	233	133	189	26.96	cps
Sodium	23-2	8745	8244	8811	8600	3.60	cps
Strontium	86-1	667	817	842	775	12.21	cps
Strontium	88-1	142	92	117	117	21.43	cps
Sulfur	34-1	377299	375927	373653	375626	0.49	cps
Terbium	159-1	3474221	3462199	3490077	3475499	0.40	cps
Terbium	159-2	2245273	2228010	2211026	2228103	0.77	cps
Thallium	203-1	192	208	200	200	4.17	cps
Thallium	205-1	392	558	475	475	17.54	cps
Tin	118-1	317	358	250	308	17.72	cps
Titanium	47-1	17145	15993	16410	16516	3.53	cps
Uranium	238-1	33	58	67	53	32.88	cps
Vanadium	51-2	73	73	113	87	26.65	cps
Yttrium	89-1	3934837	3919860	4012222	3955640	1.25	cps
Yttrium	89-2	484614	484109	482244	483656	0.26	cps
Zinc	66-2	237	137	227	200	27.54	cps

LB Number :	LB102143	Operator :	Jaswal
Lab Sample ID :	S0	Instrumnet Name :	P8
Client Sample ID :	S0	Dilution Factor :	1
Date & Time Acquired ::	2019-04-16 14:59:07	DataFile Name :	003CALB.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	90-1	292	283	283	286	1.68	cps
Zirconium	91-1	58	92	75	75	22.22	cps

LB Number :	LB102143	Operator :	Jaswal
Lab Sample ID :	S2	Instrumnet Name :	P8
Client Sample ID :	S2	Dilution Factor :	1
Date & Time Acquired ::	2019-04-16 15:06:36	DataFile Name :	005CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	375	373	353	367	3.36	cps
Antimony	121-1	7753	7661	7419	7611	2.26	cps
Arsenic	75-2	191	187	185	188	1.51	cps
Barium	135-1	7377	7411	7494	7427	0.81	cps
Barium	137-1	13482	13382	14025	13630	2.54	cps
Beryllium	9-1	227	220	210	219	3.83	cps
Bismuth	209-1	1782868	1760658	1833246	1792257	2.08	cps
Bismuth	209-2	1547696	1541629	1561111	1550145	0.64	cps
Boron	11-1	5768	6694	7044	6502	10.14	cps
Boron	10-1	1250	1083	1150	1161	7.23	cps
Cadmium	106-1	13641	13741	14216	13866	2.22	cps
Cadmium	108-1	104	88	108	100	11.03	cps
Cadmium	111-1	3649	3702	3788	3713	1.89	cps
Calcium	43-1	11125	11321	11115	11187	1.04	cps
Calcium	44-1	150977	151580	149808	150788	0.60	cps
Chromium	52-2	2427	2740	2587	2585	6.06	cps
Cobalt	59-2	1847	1994	1863	1901	4.22	cps
Copper	63-2	3374	3104	3277	3252	4.21	cps
Dysprosium	156-1	0	25	17	14	91.65	cps
Dysprosium	156-2	0	7	3	3	100.05	cps
Erbium	164-1	25	8	17	17	50.01	cps
Erbium	164-2	3	7	0	3	100.05	cps
Gadolinium	160-1	92	58	100	83	26.46	cps
Gadolinium	160-2	33	43	17	31	43.29	cps
Holmium	165-1	3230573	3287640	3303677	3273963	1.17	cps
Holmium	165-2	2202343	2167750	2185372	2185155	0.79	cps
Indium	115-1	3289053	3311140	3422113	3340769	2.13	cps
Indium	115-2	615959	623060	624776	621265	0.75	cps
Iron	56-2	43373	43702	43775	43617	0.49	cps
Iron	57-2	1322	1161	1167	1217	7.52	cps
Krypton	83-1	560	500	490	517	7.33	cps
Lead	207-1	1734	1589	1745	1689	5.14	cps
Lead	208-1	7779	8257	8251	8096	3.39	cps
Lead	206-1	1928	2150	2095	2058	5.62	cps
Lithium	6-1	106359	108170	109100	107876	1.29	cps
Magnesium	24-2	22961	21392	22410	22254	3.58	cps

LB Number :	LB102143	Operator :	Jaswal
Lab Sample ID :	S2	Instrumnet Name :	P8
Client Sample ID :	S2	Dilution Factor :	1
Date & Time Acquired ::	2019-04-16 15:06:36	DataFile Name :	005CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	457	547	557	520	10.59	cps
Molybdenum	94-1	7519	7819	7236	7525	3.88	cps
Molybdenum	95-1	9304	9837	9254	9465	3.42	cps
Molybdenum	96-1	9779	10680	10321	10260	4.42	cps
Molybdenum	97-1	5701	5660	5785	5715	1.11	cps
Molybdenum	98-1	14525	15459	14433	14806	3.83	cps
Neodymium	150-1	20	13	0	11	91.66	cps
Neodymium	150-2	0	3	0	1	173.21	cps
Nickel	60-2	523	523	523	523	0.00	cps
Phosphorus	31-2	50	117	125	97	42.28	cps
Potassium	39-2	39573	40208	39556	39779	0.93	cps
Rhodium	103-1	3327548	3352311	3362602	3347487	0.54	cps
Rhodium	103-2	1851693	1843957	1851229	1848960	0.23	cps
Scandium	45-1	2522644	2550877	2526058	2533193	0.61	cps
Scandium	45-2	71320	71829	71116	71422	0.51	cps
Selenium	77-2	3	7	20	10	88.20	cps
Selenium	78-2	54	57	52	54	5.21	cps
Selenium	82-1	372	362	409	381	6.49	cps
Silicon	28-1	3240655	3262599	3238952	3247402	0.41	cps
Silver	109-1	4793	4484	4718	4665	3.45	cps
Silver	107-1	5001	5526	5401	5310	5.17	cps
Sodium	23-2	55016	55166	55409	55197	0.36	cps
Strontium	86-1	2034	1959	2359	2117	10.05	cps
Strontium	88-1	9862	10329	9754	9982	3.06	cps
Sulfur	34-1	380934	377528	382555	380339	0.67	cps
Terbium	159-1	3439643	3457308	3531010	3475987	1.39	cps
Terbium	159-2	2197617	2168822	2210477	2192305	0.97	cps
Thallium	203-1	2150	2267	2109	2175	3.77	cps
Thallium	205-1	5360	5110	5385	5285	2.88	cps
Tin	118-1	13441	13349	12965	13252	1.90	cps
Titanium	47-1	19322	18938	19581	19281	1.68	cps
Uranium	238-1	5518	5393	5326	5413	1.80	cps
Vanadium	51-2	4281	4314	4251	4282	0.74	cps
Yttrium	89-1	3961988	3959487	4074183	3998553	1.64	cps
Yttrium	89-2	471992	474659	476130	474260	0.44	cps
Zinc	66-2	617	627	557	600	6.31	cps

LB Number :	LB102143	Operator :	Jaswal
Lab Sample ID :	S2	Instrumnet Name :	P8
Client Sample ID :	S2	Dilution Factor :	1
Date & Time Acquired ::	2019-04-16 15:06:36	DataFile Name :	005CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	90-1	6268	6443	6010	6241	3.49	cps
Zirconium	91-1	1408	1709	1450	1522	10.68	cps

LB Number : LB102143 Operator : Jaswal
 Lab Sample ID : S3 Instrumnet Name : P8
 Client Sample ID : S3 Dilution Factor : 1
 Date & Time Acquired :: 2019-04-16 15:10:30 DataFile Name : 006CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	15758	15365	15242	15455	1.74	cps
Antimony	121-1	223333	222873	224915	223707	0.48	cps
Arsenic	75-2	10354	10556	10508	10473	1.01	cps
Barium	135-1	220004	218561	217802	218789	0.51	cps
Barium	137-1	373678	374124	372962	373588	0.16	cps
Beryllium	9-1	12959	12869	12999	12943	0.51	cps
Bismuth	209-1	1780625	1818772	1798232	1799210	1.06	cps
Bismuth	209-2	1602238	1602516	1603528	1602761	0.04	cps
Boron	11-1	11689	11889	11055	11544	3.77	cps
Boron	10-1	2267	2267	2175	2236	2.37	cps
Cadmium	106-1	19231	19740	19932	19635	1.84	cps
Cadmium	108-1	4026	4001	4217	4081	2.91	cps
Cadmium	111-1	55853	55165	56419	55812	1.13	cps
Calcium	43-1	73283	71668	72613	72521	1.12	cps
Calcium	44-1	1144213	1141082	1149276	1144857	0.36	cps
Chromium	52-2	61397	60125	61163	60895	1.11	cps
Cobalt	59-2	105358	106386	107121	106288	0.83	cps
Copper	63-2	166085	163530	165753	165123	0.84	cps
Dysprosium	156-1	67	25	42	44	47.19	cps
Dysprosium	156-2	3	0	0	1	173.21	cps
Erbium	164-1	25	8	25	19	49.50	cps
Erbium	164-2	13	13	10	12	15.73	cps
Gadolinium	160-1	83	92	75	83	10.00	cps
Gadolinium	160-2	40	50	53	48	14.52	cps
Holmium	165-1	3298435	3270072	3302308	3290272	0.53	cps
Holmium	165-2	2244968	2259020	2253660	2252549	0.31	cps
Indium	115-1	3335129	3302628	3316475	3318077	0.49	cps
Indium	115-2	639531	636289	637364	637728	0.26	cps
Iron	56-2	2323921	2300933	2332123	2318992	0.70	cps
Iron	57-2	57458	57882	58110	57817	0.57	cps
Krypton	83-1	527	577	543	549	4.64	cps
Lead	207-1	81863	83250	81807	82307	0.99	cps
Lead	208-1	361912	370573	368919	367135	1.25	cps
Lead	206-1	89799	94606	92910	92438	2.64	cps
Lithium	6-1	111111	112767	115127	113002	1.79	cps
Magnesium	24-2	251950	251378	252439	251922	0.21	cps

LB Number :	LB102143	Operator :	Jaswal
Lab Sample ID :	S3	Instrumnet Name :	P8
Client Sample ID :	S3	Dilution Factor :	1
Date & Time Acquired ::	2019-04-16 15:10:30	DataFile Name :	006CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	52341	51625	51628	51865	0.80	cps
Molybdenum	94-1	422846	417605	420221	420224	0.62	cps
Molybdenum	95-1	514675	509151	508920	510915	0.64	cps
Molybdenum	96-1	567818	567359	565591	566923	0.21	cps
Molybdenum	97-1	317281	315484	313051	315272	0.67	cps
Molybdenum	98-1	810682	805080	811635	809132	0.44	cps
Neodymium	150-1	27	27	27	27	0.00	cps
Neodymium	150-2	0	0	0	0	0.00	cps
Nickel	60-2	30240	29525	30113	29959	1.27	cps
Phosphorus	31-2	1550	1659	1792	1667	7.26	cps
Potassium	39-2	146306	146698	148004	147003	0.60	cps
Rhodium	103-1	3349134	3337510	3350999	3345881	0.22	cps
Rhodium	103-2	1901628	1893460	1893994	1896361	0.24	cps
Scandium	45-1	2523096	2530267	2547028	2533464	0.48	cps
Scandium	45-2	73652	70339	73103	72365	2.45	cps
Selenium	77-2	130	137	140	136	3.76	cps
Selenium	78-2	472	411	430	438	7.16	cps
Selenium	82-1	4030	4103	3961	4031	1.76	cps
Silicon	28-1	3335304	3308005	3313667	3318992	0.43	cps
Silver	109-1	238150	238949	241931	239677	0.83	cps
Silver	107-1	254683	254705	251722	253703	0.68	cps
Sodium	23-2	559408	559169	559484	559353	0.03	cps
Strontium	86-1	70432	70173	68121	69575	1.82	cps
Strontium	88-1	589288	588894	587808	588663	0.13	cps
Sulfur	34-1	396216	395150	393965	395110	0.28	cps
Terbium	159-1	3511202	3489102	3517970	3506091	0.43	cps
Terbium	159-2	2269565	2300659	2245762	2271995	1.21	cps
Thallium	203-1	111545	115606	116144	114432	2.20	cps
Thallium	205-1	268574	278881	274375	273944	1.89	cps
Tin	118-1	148409	147549	147474	147811	0.35	cps
Titanium	47-1	168098	168200	172051	169450	1.33	cps
Uranium	238-1	311276	313214	323971	316153	2.16	cps
Vanadium	51-2	46313	45896	46889	46366	1.08	cps
Yttrium	89-1	3994537	3986616	3958767	3979973	0.47	cps
Yttrium	89-2	489430	487440	487488	488119	0.23	cps
Zinc	66-2	25881	24836	25590	25436	2.12	cps

LB Number :	LB102143	Operator :	Jaswal
Lab Sample ID :	S3	Instrumnet Name :	P8
Client Sample ID :	S3	Dilution Factor :	1
Date & Time Acquired ::	2019-04-16 15:10:30	DataFile Name :	006CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	90-1	356358	352599	355860	354939	0.58	cps
Zirconium	91-1	78451	79407	76574	78144	1.84	cps

LB Number : LB102143 Operator : Jaswal
 Lab Sample ID : S4 Instrumnet Name : P8
 Client Sample ID : S4 Dilution Factor : 1
 Date & Time Acquired :: 2019-04-16 15:14:23 DataFile Name : 007CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	38168	37667	38030	37955	0.68	cps
Antimony	121-1	560917	571579	568764	567087	0.97	cps
Arsenic	75-2	26704	26576	26524	26601	0.35	cps
Barium	135-1	554790	550835	555914	553846	0.48	cps
Barium	137-1	961395	964600	966471	964155	0.27	cps
Beryllium	9-1	35340	34481	34672	34831	1.30	cps
Bismuth	209-1	1885968	1908624	1879599	1891397	0.81	cps
Bismuth	209-2	1658753	1695712	1681965	1678810	1.11	cps
Boron	11-1	26125	25073	26334	25844	2.61	cps
Boron	10-1	4576	4493	4468	4512	1.26	cps
Cadmium	106-1	27705	28155	28414	28091	1.28	cps
Cadmium	108-1	10287	10187	10413	10296	1.10	cps
Cadmium	111-1	138196	137590	138742	138176	0.42	cps
Calcium	43-1	173329	173869	172241	173147	0.48	cps
Calcium	44-1	2808205	2799684	2769145	2792345	0.74	cps
Chromium	52-2	150106	150418	151445	150656	0.47	cps
Cobalt	59-2	262700	261667	264179	262849	0.48	cps
Copper	63-2	407107	412833	410656	410198	0.70	cps
Dysprosium	156-1	42	25	25	31	31.50	cps
Dysprosium	156-2	3	3	10	6	69.34	cps
Erbium	164-1	17	8	25	17	50.01	cps
Erbium	164-2	7	10	13	10	33.30	cps
Gadolinium	160-1	83	75	92	83	10.00	cps
Gadolinium	160-2	30	30	33	31	6.18	cps
Holmium	165-1	3424112	3429622	3441080	3431605	0.25	cps
Holmium	165-2	2323094	2349421	2324114	2332210	0.64	cps
Indium	115-1	3476611	3401824	3470026	3449487	1.20	cps
Indium	115-2	646069	648368	649005	647814	0.24	cps
Iron	56-2	5629498	5680910	5710692	5673700	0.72	cps
Iron	57-2	142523	141175	142332	142010	0.51	cps
Krypton	83-1	557	557	493	536	6.83	cps
Lead	207-1	211510	211200	209743	210817	0.45	cps
Lead	208-1	941006	940715	935699	939140	0.32	cps
Lead	206-1	232885	234312	231544	232914	0.59	cps
Lithium	6-1	126148	125260	127007	126138	0.69	cps
Magnesium	24-2	633350	629006	630760	631039	0.35	cps

LB Number :	LB102143	Operator :	Jaswal
Lab Sample ID :	S4	Instrumnet Name :	P8
Client Sample ID :	S4	Dilution Factor :	1
Date & Time Acquired ::	2019-04-16 15:14:23	DataFile Name :	007CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	126800	128488	128202	127830	0.71	cps
Molybdenum	94-1	1060706	1051133	1052474	1054771	0.49	cps
Molybdenum	95-1	1296297	1299666	1289610	1295191	0.40	cps
Molybdenum	96-1	1468078	1454290	1412663	1445011	2.00	cps
Molybdenum	97-1	799344	796351	792625	796107	0.42	cps
Molybdenum	98-1	2070194	2055696	2066280	2064057	0.36	cps
Neodymium	150-1	67	53	33	51	32.83	cps
Neodymium	150-2	0	7	3	3	100.05	cps
Nickel	60-2	74408	73432	74860	74233	0.98	cps
Phosphorus	31-2	3676	4051	3742	3823	5.23	cps
Potassium	39-2	337452	336017	342185	338551	0.95	cps
Rhodium	103-1	3405733	3443872	3451078	3433561	0.71	cps
Rhodium	103-2	1911577	1906691	1913119	1910462	0.18	cps
Scandium	45-1	2619576	2598523	2661088	2626395	1.21	cps
Scandium	45-2	73468	74151	74275	73965	0.59	cps
Selenium	77-2	327	303	253	294	12.72	cps
Selenium	78-2	1017	996	1163	1059	8.59	cps
Selenium	82-1	10228	10400	10196	10274	1.07	cps
Silicon	28-1	3467491	3437171	3492841	3465834	0.80	cps
Silver	109-1	603834	600713	612170	605572	0.98	cps
Silver	107-1	641200	640475	642718	641465	0.18	cps
Sodium	23-2	1429228	1411173	1425861	1422087	0.68	cps
Strontium	86-1	172841	173054	172616	172837	0.13	cps
Strontium	88-1	1528811	1521265	1506369	1518815	0.75	cps
Sulfur	34-1	423474	420669	413824	419322	1.18	cps
Terbium	159-1	3643474	3639103	3667063	3649880	0.41	cps
Terbium	159-2	2346114	2365296	2352540	2354650	0.41	cps
Thallium	203-1	292675	295744	300433	296284	1.32	cps
Thallium	205-1	690731	700713	705914	699119	1.10	cps
Tin	118-1	372388	375191	371829	373136	0.48	cps
Titanium	47-1	404952	400327	394591	399957	1.30	cps
Uranium	238-1	797630	808309	812671	806204	0.96	cps
Vanadium	51-2	115871	116460	115521	115951	0.41	cps
Yttrium	89-1	4095464	4177445	4147942	4140284	1.00	cps
Yttrium	89-2	494576	498943	495161	496227	0.48	cps
Zinc	66-2	61975	62858	61700	62178	0.97	cps

LB Number :	LB102143	Operator :	Jaswal
Lab Sample ID :	S4	Instrumnet Name :	P8
Client Sample ID :	S4	Dilution Factor :	1
Date & Time Acquired ::	2019-04-16 15:14:23	DataFile Name :	007CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	90-1	895604	902278	889445	895775	0.72	cps
Zirconium	91-1	196250	200484	197266	198000	1.12	cps

LB Number :	LB102143	Operator :	Jaswal
Lab Sample ID :	S5	Instrumnet Name :	P8
Client Sample ID :	S5	Dilution Factor :	1
Date & Time Acquired ::	2019-04-16 15:18:13	DataFile Name :	008CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	76173	75444	75804	75807	0.48	cps
Antimony	121-1	1152095	1145767	1163507	1153790	0.78	cps
Arsenic	75-2	52390	52771	52897	52686	0.50	cps
Barium	135-1	1111439	1124931	1138860	1125077	1.22	cps
Barium	137-1	1962566	1987648	2003787	1984667	1.05	cps
Beryllium	9-1	72172	73625	74831	73542	1.81	cps
Bismuth	209-1	1920770	1920357	1906536	1915888	0.42	cps
Bismuth	209-2	1771461	1733319	1718201	1740994	1.58	cps
Boron	11-1	49086	50466	51151	50234	2.09	cps
Boron	10-1	9454	9437	9987	9626	3.25	cps
Cadmium	106-1	44182	44006	44366	44185	0.41	cps
Cadmium	108-1	20407	20712	20933	20684	1.28	cps
Cadmium	111-1	273942	274729	277908	275526	0.76	cps
Calcium	43-1	341966	344544	346559	344356	0.67	cps
Calcium	44-1	5486907	5477962	5510173	5491681	0.30	cps
Chromium	52-2	301385	302952	300663	301667	0.39	cps
Cobalt	59-2	522060	526328	526957	525115	0.51	cps
Copper	63-2	820415	812548	820694	817886	0.57	cps
Dysprosium	156-1	142	142	117	133	10.83	cps
Dysprosium	156-2	7	17	13	12	41.65	cps
Erbium	164-1	8	42	50	33	66.15	cps
Erbium	164-2	10	20	7	12	56.76	cps
Gadolinium	160-1	133	100	100	111	17.32	cps
Gadolinium	160-2	17	47	40	34	45.73	cps
Holmium	165-1	3518143	3507294	3541359	3522265	0.49	cps
Holmium	165-2	2421021	2382199	2379937	2394386	0.96	cps
Indium	115-1	3465148	3498751	3452428	3472109	0.69	cps
Indium	115-2	659747	662716	662064	661509	0.24	cps
Iron	56-2	11384204	11230811	11349215	11321410	0.71	cps
Iron	57-2	279463	283484	285970	282973	1.16	cps
Krypton	83-1	547	500	533	527	4.56	cps
Lead	207-1	421107	426492	427890	425163	0.84	cps
Lead	208-1	1898177	1908091	1915516	1907261	0.46	cps
Lead	206-1	471982	470306	477795	473361	0.83	cps
Lithium	6-1	131592	134861	134606	133686	1.36	cps
Magnesium	24-2	1283594	1267875	1276310	1275927	0.62	cps

LB Number :	LB102143	Operator :	Jaswal
Lab Sample ID :	S5	Instrumnet Name :	P8
Client Sample ID :	S5	Dilution Factor :	1
Date & Time Acquired ::	2019-04-16 15:18:13	DataFile Name :	008CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	257031	253519	256298	255616	0.72	cps
Molybdenum	94-1	2139889	2137920	2160920	2146243	0.59	cps
Molybdenum	95-1	2616161	2632289	2681001	2643150	1.28	cps
Molybdenum	96-1	2957477	2971803	2940739	2956673	0.53	cps
Molybdenum	97-1	1603489	1655106	1647082	1635226	1.70	cps
Molybdenum	98-1	4097114	4179868	4175044	4150675	1.12	cps
Neodymium	150-1	100	67	53	73	32.77	cps
Neodymium	150-2	7	10	7	8	24.71	cps
Nickel	60-2	147276	146829	149860	147988	1.11	cps
Phosphorus	31-2	7794	7728	7319	7614	3.38	cps
Potassium	39-2	655295	661059	662126	659493	0.56	cps
Rhodium	103-1	3402976	3487393	3508292	3466220	1.61	cps
Rhodium	103-2	1901316	1910220	1928213	1913250	0.72	cps
Scandium	45-1	2663816	2663699	2669355	2665623	0.12	cps
Scandium	45-2	74637	74965	74399	74667	0.38	cps
Selenium	77-2	673	683	670	676	1.03	cps
Selenium	78-2	2219	2293	2146	2219	3.30	cps
Selenium	82-1	21096	20901	21048	21015	0.48	cps
Silicon	28-1	3672671	3685214	3715393	3691093	0.59	cps
Silver	109-1	1216339	1217680	1237087	1223702	0.95	cps
Silver	107-1	1290256	1312160	1299354	1300590	0.85	cps
Sodium	23-2	2837115	2844670	2826546	2836110	0.32	cps
Strontium	86-1	347956	353300	356406	352554	1.21	cps
Strontium	88-1	3045930	3062362	3085769	3064687	0.65	cps
Sulfur	34-1	453614	452406	453350	453123	0.14	cps
Terbium	159-1	3728665	3704833	3715212	3716237	0.32	cps
Terbium	159-2	2409758	2406583	2418769	2411703	0.26	cps
Thallium	203-1	599183	599857	606790	601943	0.70	cps
Thallium	205-1	1424222	1423763	1433073	1427019	0.37	cps
Tin	118-1	758262	761375	765441	761693	0.47	cps
Titanium	47-1	791198	791126	799617	793980	0.61	cps
Uranium	238-1	1696092	1691552	1716067	1701237	0.77	cps
Vanadium	51-2	229951	231563	233462	231659	0.76	cps
Yttrium	89-1	4210111	4210900	4207971	4209661	0.04	cps
Yttrium	89-2	506559	504346	506140	505681	0.23	cps
Zinc	66-2	123430	124796	124674	124300	0.61	cps

LB Number :	LB102143	Operator :	Jaswal
Lab Sample ID :	S5	Instrumnet Name :	P8
Client Sample ID :	S5	Dilution Factor :	1
Date & Time Acquired ::	2019-04-16 15:18:13	DataFile Name :	008CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	90-1	1842871	1871533	1883538	1865981	1.12	cps
Zirconium	91-1	400371	398989	400348	399903	0.20	cps

LB Number :	LB102143	Operator :	Jaswal
Lab Sample ID :	S6	Instrumnet Name :	P8
Client Sample ID :	S6	Dilution Factor :	1
Date & Time Acquired ::	2019-04-16 15:21:56	DataFile Name :	009CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	150545	152624	151730	151633	0.69	cps
Antimony	121-1	2371329	2407667	2384010	2387669	0.77	cps
Arsenic	75-2	104437	105568	106422	105476	0.94	cps
Barium	135-1	2278407	2355674	2322033	2318704	1.67	cps
Barium	137-1	3990067	4067603	3992925	4016865	1.09	cps
Beryllium	9-1	152866	151697	154233	152932	0.83	cps
Bismuth	209-1	1923813	1962163	1950303	1945426	1.01	cps
Bismuth	209-2	1768418	1734465	1727870	1743584	1.25	cps
Boron	11-1	101384	103172	103937	102831	1.27	cps
Boron	10-1	18721	18663	20181	19189	4.48	cps
Cadmium	106-1	74036	74021	74841	74300	0.63	cps
Cadmium	108-1	41602	41422	42061	41695	0.79	cps
Cadmium	111-1	550064	557442	559439	555648	0.89	cps
Calcium	43-1	694764	689550	688757	691024	0.47	cps
Calcium	44-1	11230324	11099515	10938474	11089438	1.32	cps
Chromium	52-2	601911	602014	599337	601088	0.25	cps
Cobalt	59-2	1043216	1058711	1045564	1049164	0.80	cps
Copper	63-2	1637051	1643263	1653953	1644756	0.52	cps
Dysprosium	156-1	217	192	217	208	6.93	cps
Dysprosium	156-2	10	13	20	14	35.26	cps
Erbium	164-1	33	17	17	22	43.28	cps
Erbium	164-2	13	13	3	10	57.75	cps
Gadolinium	160-1	83	83	167	111	43.30	cps
Gadolinium	160-2	47	33	30	37	24.06	cps
Holmium	165-1	3588529	3549468	3604609	3580869	0.79	cps
Holmium	165-2	2421665	2448772	2420654	2430364	0.66	cps
Indium	115-1	3505449	3472795	3518155	3498799	0.67	cps
Indium	115-2	661305	661551	666270	663042	0.42	cps
Iron	56-2	22739746	22746330	22805963	22764013	0.16	cps
Iron	57-2	568372	569795	574339	570835	0.55	cps
Krypton	83-1	670	580	510	587	13.67	cps
Lead	207-1	875378	863383	873816	870859	0.75	cps
Lead	208-1	3938082	3916524	3911207	3921938	0.36	cps
Lead	206-1	963456	961068	963925	962816	0.16	cps
Lithium	6-1	143376	141512	148451	144446	2.49	cps
Magnesium	24-2	2513961	2520369	2535891	2523407	0.45	cps

LB Number :	LB102143	Operator :	Jaswal
Lab Sample ID :	S6	Instrumnet Name :	P8
Client Sample ID :	S6	Dilution Factor :	1
Date & Time Acquired ::	2019-04-16 15:21:56	DataFile Name :	009CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	513727	517280	520348	517118	0.64	cps
Molybdenum	94-1	4325136	4377961	4330755	4344617	0.67	cps
Molybdenum	95-1	5345150	5412210	5293359	5350240	1.11	cps
Molybdenum	96-1	5905014	6016354	5903011	5941459	1.09	cps
Molybdenum	97-1	3259009	3339566	3300444	3299673	1.22	cps
Molybdenum	98-1	8292100	8387450	8377223	8352258	0.63	cps
Neodymium	150-1	167	133	140	147	12.02	cps
Neodymium	150-2	10	3	20	11	75.52	cps
Nickel	60-2	291491	298274	292812	294192	1.22	cps
Phosphorus	31-2	15668	15551	14967	15395	2.44	cps
Potassium	39-2	1309881	1298216	1320667	1309588	0.86	cps
Rhodium	103-1	3409823	3499549	3452349	3453907	1.30	cps
Rhodium	103-2	1912900	1931246	1895007	1913051	0.95	cps
Scandium	45-1	2702399	2679355	2666920	2682891	0.67	cps
Scandium	45-2	74745	76534	75635	75638	1.18	cps
Selenium	77-2	1357	1270	1183	1270	6.82	cps
Selenium	78-2	4525	4508	4393	4475	1.60	cps
Selenium	82-1	42130	41961	41940	42010	0.25	cps
Silicon	28-1	4137794	4141079	4159719	4146197	0.29	cps
Silver	109-1	2507202	2490397	2519377	2505659	0.58	cps
Silver	107-1	2616413	2624495	2626239	2622382	0.20	cps
Sodium	23-2	5552417	5469554	5580910	5534293	1.05	cps
Strontium	86-1	706806	715578	705878	709421	0.75	cps
Strontium	88-1	6094830	6068208	5954659	6039233	1.23	cps
Sulfur	34-1	528830	529989	522154	526991	0.80	cps
Terbium	159-1	3799737	3808522	3782157	3796805	0.35	cps
Terbium	159-2	2389870	2444841	2436305	2423672	1.22	cps
Thallium	203-1	1225488	1219829	1236473	1227263	0.69	cps
Thallium	205-1	2950234	2929056	2953204	2944165	0.45	cps
Tin	118-1	1538063	1563840	1591848	1564584	1.72	cps
Titanium	47-1	1611513	1589827	1610432	1603924	0.76	cps
Uranium	238-1	3490762	3451109	3488812	3476894	0.64	cps
Vanadium	51-2	470740	469439	467511	469230	0.35	cps
Yttrium	89-1	4221000	4223530	4174127	4206219	0.66	cps
Yttrium	89-2	508715	509816	506744	508425	0.31	cps
Zinc	66-2	243901	248983	246560	246481	1.03	cps

LB Number :	LB102143	Operator :	Jaswal
Lab Sample ID :	S6	Instrumnet Name :	P8
Client Sample ID :	S6	Dilution Factor :	1
Date & Time Acquired ::	2019-04-16 15:21:56	DataFile Name :	009CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	90-1	3697905	3714277	3706214	3706132	0.22	cps
Zirconium	91-1	811093	822626	810968	814896	0.82	cps

LB Number :	LB102143	Operator :	Jaswal
Lab Sample ID :	S7	Instrumnet Name :	P8
Client Sample ID :	S7	Dilution Factor :	1
Date & Time Acquired ::	2019-04-16 15:25:34	DataFile Name :	010CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	302049	303357	303394	302933	0.25	cps
Antimony	121-1	4732635	4725368	4724339	4727447	0.10	cps
Arsenic	75-2	209369	213335	211834	211513	0.95	cps
Barium	135-1	4608555	4656621	4565115	4610097	0.99	cps
Barium	137-1	8072649	8038251	7939509	8016803	0.86	cps
Beryllium	9-1	315043	312011	309384	312146	0.91	cps
Bismuth	209-1	1919112	1936959	1959798	1938623	1.05	cps
Bismuth	209-2	1722332	1747685	1730178	1733398	0.75	cps
Boron	11-1	208835	216598	214381	213271	1.87	cps
Boron	10-1	37450	39389	41219	39353	4.79	cps
Cadmium	106-1	133539	134711	133625	133958	0.49	cps
Cadmium	108-1	84945	83561	83369	83959	1.02	cps
Cadmium	111-1	1114304	1118675	1105632	1112870	0.60	cps
Calcium	43-1	1410723	1414126	1404945	1409931	0.33	cps
Calcium	44-1	22432872	22218059	22229443	22293458	0.54	cps
Chromium	52-2	1190783	1193837	1187679	1190766	0.26	cps
Cobalt	59-2	2083741	2127914	2095825	2102493	1.09	cps
Copper	63-2	3209667	3243868	3231211	3228249	0.54	cps
Dysprosium	156-1	392	383	475	417	12.17	cps
Dysprosium	156-2	43	40	17	33	43.58	cps
Erbium	164-1	50	25	33	36	35.25	cps
Erbium	164-2	3	7	17	9	78.08	cps
Gadolinium	160-1	125	75	83	94	28.37	cps
Gadolinium	160-2	50	33	40	41	20.41	cps
Holmium	165-1	3651930	3566212	3633999	3617380	1.25	cps
Holmium	165-2	2423969	2473802	2437292	2445021	1.06	cps
Indium	115-1	3484926	3532974	3533380	3517094	0.79	cps
Indium	115-2	642397	648858	649278	646844	0.60	cps
Iron	56-2	44802734	44475038	45046157	44774643	0.64	cps
Iron	57-2	1131500	1130579	1129209	1130429	0.10	cps
Krypton	83-1	567	613	527	569	7.62	cps
Lead	207-1	1766863	1742656	1761948	1757156	0.73	cps
Lead	208-1	7880272	7775246	7895865	7850461	0.84	cps
Lead	206-1	1955761	1919389	1932914	1936021	0.95	cps
Lithium	6-1	148246	149375	150597	149406	0.79	cps
Magnesium	24-2	5003160	4970980	4877217	4950453	1.32	cps

LB Number :	LB102143	Operator :	Jaswal
Lab Sample ID :	S7	Instrumnet Name :	P8
Client Sample ID :	S7	Dilution Factor :	1
Date & Time Acquired ::	2019-04-16 15:25:34	DataFile Name :	010CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	1023384	1020126	1022346	1021952	0.16	cps
Molybdenum	94-1	8702571	8791707	8657480	8717253	0.78	cps
Molybdenum	95-1	10732343	10809122	10738009	10759825	0.40	cps
Molybdenum	96-1	11857382	12054765	11946499	11952882	0.83	cps
Molybdenum	97-1	6592098	6615365	6525362	6577608	0.71	cps
Molybdenum	98-1	16790965	16837209	16566308	16731494	0.87	cps
Neodymium	150-1	200	207	220	209	4.87	cps
Neodymium	150-2	13	27	13	18	43.33	cps
Nickel	60-2	573909	576968	577506	576128	0.34	cps
Phosphorus	31-2	29891	30058	30567	30172	1.17	cps
Potassium	39-2	2580391	2589403	2616430	2595408	0.72	cps
Rhodium	103-1	3446845	3483426	3446261	3458844	0.62	cps
Rhodium	103-2	1908947	1887518	1891436	1895967	0.60	cps
Scandium	45-1	2689120	2717419	2733184	2713241	0.82	cps
Scandium	45-2	74546	75227	76209	75327	1.11	cps
Selenium	77-2	2584	2494	2667	2581	3.36	cps
Selenium	78-2	8623	8777	8871	8757	1.43	cps
Selenium	82-1	83321	83485	83561	83456	0.15	cps
Silicon	28-1	5044799	5036992	5047893	5043228	0.11	cps
Silver	109-1	5070919	4978286	4984974	5011393	1.03	cps
Silver	107-1	5237345	5298331	5255699	5263792	0.59	cps
Sodium	23-2	11032810	10963598	10948147	10981518	0.41	cps
Strontium	86-1	1448892	1451031	1456267	1452063	0.26	cps
Strontium	88-1	12161388	12102244	12321966	12195199	0.93	cps
Sulfur	34-1	702009	704088	694760	700286	0.70	cps
Terbium	159-1	3851033	3826050	3805175	3827420	0.60	cps
Terbium	159-2	2427843	2446424	2442551	2438940	0.40	cps
Thallium	203-1	2520880	2431573	2475356	2475936	1.80	cps
Thallium	205-1	5775142	5707968	5816532	5766547	0.95	cps
Tin	118-1	3124057	3120464	3129132	3124551	0.14	cps
Titanium	47-1	3246975	3188788	3215531	3217098	0.91	cps
Uranium	238-1	6733161	6781238	6860434	6791611	0.95	cps
Vanadium	51-2	931286	944317	940320	938641	0.71	cps
Yttrium	89-1	4312508	4272777	4342469	4309251	0.81	cps
Yttrium	89-2	511963	509771	515079	512271	0.52	cps
Zinc	66-2	481523	484486	485688	483899	0.44	cps

LB Number :	LB102143	Operator :	Jaswal
Lab Sample ID :	S7	Instrumnet Name :	P8
Client Sample ID :	S7	Dilution Factor :	1
Date & Time Acquired ::	2019-04-16 15:25:34	DataFile Name :	010CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	90-1	7407282	7389942	7447887	7415037	0.40	cps
Zirconium	91-1	1676178	1677359	1664097	1672545	0.44	cps

LB Number :	LB102143	Operator :	Jaswal
Lab Sample ID :	S8	Instrumnet Name :	P8
Client Sample ID :	S8	Dilution Factor :	1
Date & Time Acquired ::	2019-04-16 15:29:03	DataFile Name :	011CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	1625702	1655415	1642296	1641138	0.91	cps
Antimony	121-1	4659	4793	4509	4654	3.05	cps
Arsenic	75-2	311	313	378	334	11.37	cps
Barium	135-1	550	517	583	550	6.06	cps
Barium	137-1	1017	908	967	964	5.63	cps
Beryllium	9-1	67	70	43	60	24.22	cps
Bismuth	209-1	1715693	1683555	1641046	1680098	2.23	cps
Bismuth	209-2	1525616	1498587	1504960	1509721	0.94	cps
Boron	11-1	5526	5126	4926	5193	5.89	cps
Boron	10-1	1008	1042	1000	1017	2.17	cps
Cadmium	106-1	14634	13966	14550	14383	2.53	cps
Cadmium	108-1	38	79	33	50	50.70	cps
Cadmium	111-1	2978	2852	2974	2935	2.43	cps
Calcium	43-1	6574843	6670217	6761082	6668714	1.40	cps
Calcium	44-1	106467535	108586738	109052405	108035560	1.28	cps
Chromium	52-2	5535	5768	5905	5736	3.26	cps
Cobalt	59-2	23720	23924	23981	23875	0.57	cps
Copper	63-2	4751	5001	4748	4833	3.01	cps
Dysprosium	156-1	58	58	58	58	0.00	cps
Dysprosium	156-2	37	27	23	29	24.03	cps
Erbium	164-1	17	8	17	14	34.67	cps
Erbium	164-2	13	0	3	6	124.93	cps
Gadolinium	160-1	100	133	92	108	20.35	cps
Gadolinium	160-2	33	50	40	41	20.41	cps
Holmium	165-1	3354774	3311508	3288923	3318402	1.01	cps
Holmium	165-2	2307747	2309076	2302505	2306443	0.15	cps
Indium	115-1	3259349	3279282	3212662	3250431	1.05	cps
Indium	115-2	637588	640743	641724	640018	0.34	cps
Iron	56-2	224491455	221436288	223602144	223176629	0.70	cps
Iron	57-2	5560457	5541364	5567645	5556488	0.24	cps
Krypton	83-1	623	573	580	592	4.58	cps
Lead	207-1	2834	2756	2967	2852	3.74	cps
Lead	208-1	12809	12297	13292	12799	3.89	cps
Lead	206-1	3050	3178	3195	3141	2.52	cps
Lithium	6-1	148702	151986	152386	151025	1.34	cps
Magnesium	24-2	24923656	24883621	25384370	25063882	1.11	cps

LB Number :	LB102143	Operator :	Jaswal
Lab Sample ID :	S8	Instrumnet Name :	P8
Client Sample ID :	S8	Dilution Factor :	1
Date & Time Acquired ::	2019-04-16 15:29:03	DataFile Name :	011CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	2787	2914	2887	2863	2.33	cps
Molybdenum	94-1	2875	3042	3084	3000	3.67	cps
Molybdenum	95-1	4168	3976	3776	3973	4.93	cps
Molybdenum	96-1	5710	5485	4693	5296	10.09	cps
Molybdenum	97-1	2367	2359	2300	2342	1.55	cps
Molybdenum	98-1	6435	5635	5793	5954	7.12	cps
Neodymium	150-1	80	73	60	71	14.32	cps
Neodymium	150-2	23	50	17	30	58.79	cps
Nickel	60-2	6292	6305	6275	6290	0.24	cps
Phosphorus	31-2	83	75	67	75	11.11	cps
Potassium	39-2	13215912	13357414	13490137	13354488	1.03	cps
Rhodium	103-1	3213539	3205657	3161286	3193494	0.88	cps
Rhodium	103-2	1800907	1782299	1784455	1789220	0.57	cps
Scandium	45-1	2725394	2731075	2800611	2752360	1.52	cps
Scandium	45-2	76192	76282	77543	76672	0.99	cps
Selenium	77-2	7	0	10	6	91.64	cps
Selenium	78-2	19	26	30	25	22.91	cps
Selenium	82-1	-41	53	-12	0	-102352.65	cps
Silicon	28-1	3415307	3470861	3489575	3458581	1.12	cps
Silver	109-1	692	667	700	686	2.53	cps
Silver	107-1	692	608	733	678	9.39	cps
Sodium	23-2	55288968	55297328	57402268	55996188	2.17	cps
Strontium	86-1	6435	6218	6560	6405	2.70	cps
Strontium	88-1	48430	47651	46990	47690	1.51	cps
Sulfur	34-1	348590	355684	357411	353895	1.32	cps
Terbium	159-1	3540524	3506735	3431587	3492949	1.60	cps
Terbium	159-2	2299509	2299725	2311158	2303464	0.29	cps
Thallium	203-1	333	342	342	339	1.42	cps
Thallium	205-1	750	717	608	692	10.71	cps
Tin	118-1	1183	1058	1283	1175	9.59	cps
Titanium	47-1	17278	16343	17203	16941	3.06	cps
Uranium	238-1	267	300	242	269	10.86	cps
Vanadium	51-2	180	180	230	197	14.68	cps
Yttrium	89-1	4049156	4071682	4063129	4061322	0.28	cps
Yttrium	89-2	499561	508529	512622	506904	1.32	cps
Zinc	66-2	4251	4207	4134	4197	1.41	cps

LB Number :	LB102143	Operator :	Jaswal
Lab Sample ID :	S8	Instrumnet Name :	P8
Client Sample ID :	S8	Dilution Factor :	1
Date & Time Acquired ::	2019-04-16 15:29:03	DataFile Name :	011CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	90-1	1675	1967	1859	1834	8.04	cps
Zirconium	91-1	425	442	575	481	17.11	cps

LB Number :	LB102143	Operator :	Jaswal
Lab Sample ID :	ICV01	Instrumnet Name :	P8
Client Sample ID :	ICV01	Dilution Factor :	1
Date & Time Acquired ::	2019-04-16 15:35:37	DataFile Name :	012ICV01.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	7617	7652	8107	7792	3.51	cps
Antimony	121-1	812523	807276	807265	809021	0.37	cps
Arsenic	75-2	40206	40557	41226	40663	1.27	cps
Barium	135-1	81056	79011	80050	80039	1.28	cps
Barium	137-1	139386	138545	136566	138166	1.05	cps
Beryllium	9-1	26618	26478	26061	26386	1.10	cps
Bismuth	209-1	1721647	1707958	1703437	1711014	0.55	cps
Bismuth	209-2	1554974	1544562	1540105	1546547	0.49	cps
Boron	11-1	2334	2000	1975	2103	9.51	cps
Boron	10-1	433	400	367	400	8.33	cps
Cadmium	106-1	22962	23263	22612	22946	1.42	cps
Cadmium	108-1	6852	6627	6639	6706	1.89	cps
Cadmium	111-1	101478	101520	100061	101020	0.82	cps
Calcium	43-1	32448	32672	32170	32430	0.77	cps
Calcium	44-1	495064	487280	488958	490434	0.84	cps
Chromium	52-2	115535	115294	114662	115164	0.39	cps
Cobalt	59-2	203375	204923	206681	204993	0.81	cps
Copper	63-2	160461	161744	161204	161136	0.40	cps
Dysprosium	156-1	17	33	17	22	43.30	cps
Dysprosium	156-2	3	10	3	6	69.34	cps
Erbium	164-1	67	25	42	44	47.19	cps
Erbium	164-2	13	20	33	22	45.83	cps
Gadolinium	160-1	92	83	108	94	13.48	cps
Gadolinium	160-2	67	27	27	40	57.73	cps
Holmium	165-1	3153896	3129224	3074961	3119360	1.29	cps
Holmium	165-2	2227175	2210679	2204891	2214248	0.52	cps
Indium	115-1	3273354	3267605	3245002	3261987	0.46	cps
Indium	115-2	637780	633116	646851	639249	1.09	cps
Iron	56-2	904176	903550	897067	901598	0.44	cps
Iron	57-2	22608	22602	22764	22658	0.40	cps
Krypton	83-1	490	540	557	529	6.56	cps
Lead	207-1	294037	290094	292005	292045	0.68	cps
Lead	208-1	1340286	1326858	1333752	1333632	0.50	cps
Lead	206-1	336897	335310	336225	336144	0.24	cps
Lithium	6-1	127923	127735	125775	127144	0.94	cps
Magnesium	24-2	61752	61132	61392	61425	0.51	cps

LB Number :	LB102143	Operator :	Jaswal
Lab Sample ID :	ICV01	Instrumnet Name :	P8
Client Sample ID :	ICV01	Dilution Factor :	1
Date & Time Acquired ::	2019-04-16 15:35:37	DataFile Name :	012ICV01.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	48160	49605	48012	48592	1.81	cps
Molybdenum	94-1	225	250	267	247	8.48	cps
Molybdenum	95-1	108	108	50	89	37.89	cps
Molybdenum	96-1	242	233	217	231	5.52	cps
Molybdenum	97-1	83	133	183	133	37.50	cps
Molybdenum	98-1	167	183	167	172	5.59	cps
Neodymium	150-1	33	27	20	27	24.99	cps
Neodymium	150-2	0	0	0	0	0.00	cps
Nickel	60-2	58476	57743	58810	58343	0.94	cps
Phosphorus	31-2	67	33	75	58	37.80	cps
Potassium	39-2	125068	122219	122470	123252	1.28	cps
Rhodium	103-1	3352322	3335922	3289470	3325904	0.98	cps
Rhodium	103-2	1886971	1837317	1847263	1857184	1.41	cps
Scandium	45-1	2635148	2651331	2673623	2653367	0.73	cps
Scandium	45-2	75666	76309	75609	75861	0.51	cps
Selenium	77-2	457	497	530	494	7.43	cps
Selenium	78-2	1700	1715	1693	1703	0.66	cps
Selenium	82-1	15835	15827	15707	15789	0.45	cps
Silicon	28-1	3485616	3451216	3443017	3459950	0.65	cps
Silver	109-1	450245	446979	445695	447640	0.52	cps
Silver	107-1	477727	474911	466575	473071	1.23	cps
Sodium	23-2	247484	242737	248198	246139	1.21	cps
Strontium	86-1	3776	4151	3951	3959	4.74	cps
Strontium	88-1	25541	25374	26685	25867	2.76	cps
Sulfur	34-1	348902	351123	350175	350067	0.32	cps
Terbium	159-1	3366680	3361401	3385063	3371048	0.37	cps
Terbium	159-2	2286435	2199041	2219489	2234989	2.05	cps
Thallium	203-1	422041	422893	418424	421120	0.56	cps
Thallium	205-1	998134	1003031	998809	999991	0.27	cps
Tin	118-1	225	358	333	306	23.20	cps
Titanium	47-1	16819	17603	16969	17131	2.43	cps
Uranium	238-1	92	108	50	83	36.06	cps
Vanadium	51-2	89765	89655	89175	89532	0.35	cps
Yttrium	89-1	4023895	4037070	3996376	4019114	0.52	cps
Yttrium	89-2	503597	491674	501339	498870	1.27	cps
Zinc	66-2	46989	48612	49120	48240	2.31	cps

LB Number :	LB102143	Operator :	Jaswal
Lab Sample ID :	ICV01	Instrumnet Name :	P8
Client Sample ID :	ICV01	Dilution Factor :	1
Date & Time Acquired ::	2019-04-16 15:35:37	DataFile Name :	012ICV01.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	90-1	475	467	383	442	11.48	cps
Zirconium	91-1	200	292	250	247	18.57	cps

LB Number :	LB102143	Operator :	Jaswal
Lab Sample ID :	LLICV01	Instrumnet Name :	P8
Client Sample ID :	LLICV01	Dilution Factor :	1
Date & Time Acquired ::	2019-04-16 15:42:00	DataFile Name :	013LLIC.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	383	390	370	381	2.65	cps
Antimony	121-1	7202	7327	7552	7361	2.41	cps
Arsenic	75-2	165	200	176	180	9.98	cps
Barium	135-1	7494	7469	7803	7589	2.45	cps
Barium	137-1	12999	12456	13916	13124	5.62	cps
Beryllium	9-1	213	233	257	234	9.25	cps
Bismuth	209-1	1699796	1706576	1542007	1649459	5.65	cps
Bismuth	209-2	1518629	1502377	1492535	1504514	0.88	cps
Boron	11-1	5026	4959	5051	5012	0.95	cps
Boron	10-1	950	850	1058	953	10.94	cps
Cadmium	106-1	14241	13833	12698	13591	5.88	cps
Cadmium	108-1	117	88	104	103	14.24	cps
Cadmium	111-1	3771	3657	3306	3578	6.77	cps
Calcium	43-1	11925	11515	11962	11801	2.10	cps
Calcium	44-1	155984	153353	156172	155170	1.02	cps
Chromium	52-2	2817	2610	2397	2608	8.05	cps
Cobalt	59-2	1937	2047	1954	1979	3.00	cps
Copper	63-2	3524	3511	3647	3561	2.12	cps
Dysprosium	156-1	8	0	0	3	173.21	cps
Dysprosium	156-2	0	3	7	3	100.05	cps
Erbium	164-1	25	25	17	22	21.64	cps
Erbium	164-2	3	3	7	4	43.40	cps
Gadolinium	160-1	50	58	100	69	38.57	cps
Gadolinium	160-2	53	37	40	43	20.34	cps
Holmium	165-1	3098680	3134467	2861340	3031495	4.90	cps
Holmium	165-2	2131071	2111381	2143579	2128677	0.76	cps
Indium	115-1	3294634	3312299	3040212	3215715	4.73	cps
Indium	115-2	627607	630311	627041	628320	0.28	cps
Iron	56-2	48535	47398	47660	47864	1.24	cps
Iron	57-2	1395	1272	1311	1326	4.71	cps
Krypton	83-1	573	523	547	548	4.57	cps
Lead	207-1	1761	1967	1950	1893	6.03	cps
Lead	208-1	8285	8629	8935	8616	3.78	cps
Lead	206-1	2145	2139	2167	2150	0.68	cps
Lithium	6-1	114148	115090	109079	112772	2.87	cps
Magnesium	24-2	24605	22744	23195	23515	4.13	cps

LB Number :	LB102143	Operator :	Jaswal
Lab Sample ID :	LLICV01	Instrumnet Name :	P8
Client Sample ID :	LLICV01	Dilution Factor :	1
Date & Time Acquired ::	2019-04-16 15:42:00	DataFile Name :	013LLIC.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	457	510	387	451	13.71	cps
Molybdenum	94-1	7419	7136	8220	7591	7.41	cps
Molybdenum	95-1	8970	9946	8870	9262	6.42	cps
Molybdenum	96-1	10480	10138	10671	10430	2.59	cps
Molybdenum	97-1	5335	5793	5626	5585	4.16	cps
Molybdenum	98-1	14492	14116	15151	14586	3.59	cps
Neodymium	150-1	13	7	13	11	34.61	cps
Neodymium	150-2	0	0	0	0	0.00	cps
Nickel	60-2	520	620	497	546	12.01	cps
Phosphorus	31-2	150	67	117	111	37.75	cps
Potassium	39-2	41796	42114	43711	42541	2.41	cps
Rhodium	103-1	3388657	3344552	3077443	3270217	5.15	cps
Rhodium	103-2	1865065	1843010	1828056	1845377	1.01	cps
Scandium	45-1	2643348	2662033	2442256	2582546	4.72	cps
Scandium	45-2	74567	74295	73876	74246	0.47	cps
Selenium	77-2	20	13	10	14	35.26	cps
Selenium	78-2	70	52	52	58	18.43	cps
Selenium	82-1	335	330	256	307	14.46	cps
Silicon	28-1	3467405	3414241	3440492	3440713	0.77	cps
Silver	109-1	4918	5009	4926	4951	1.02	cps
Silver	107-1	5301	5251	5752	5435	5.07	cps
Sodium	23-2	69830	67829	68390	68683	1.50	cps
Strontium	86-1	2084	1842	2025	1984	6.36	cps
Strontium	88-1	10354	9721	10396	10157	3.73	cps
Sulfur	34-1	346601	345581	345764	345982	0.16	cps
Terbium	159-1	3325658	3345763	3032456	3234626	5.42	cps
Terbium	159-2	2200695	2179775	2152089	2177519	1.12	cps
Thallium	203-1	1800	2125	1967	1964	8.28	cps
Thallium	205-1	4918	5001	4618	4846	4.16	cps
Tin	118-1	13232	12974	12990	13065	1.11	cps
Titanium	47-1	20023	20132	19289	19815	2.31	cps
Uranium	238-1	4459	4960	4935	4784	5.89	cps
Vanadium	51-2	4274	4287	4437	4333	2.09	cps
Yttrium	89-1	4042519	4010505	3709816	3920947	4.68	cps
Yttrium	89-2	486911	485461	481380	484584	0.59	cps
Zinc	66-2	620	590	647	619	4.58	cps

LB Number :	LB102143	Operator :	Jaswal
Lab Sample ID :	LLICV01	Instrumnet Name :	P8
Client Sample ID :	LLICV01	Dilution Factor :	1
Date & Time Acquired ::	2019-04-16 15:42:00	DataFile Name :	013LLIC.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	90-1	6218	6177	6694	6363	4.51	cps
Zirconium	91-1	1584	1217	1383	1395	13.17	cps

LB Number : LB102143 Operator : Jaswal
 Lab Sample ID : ICB01 Instrumnet Name : P8
 Client Sample ID : ICB01 Dilution Factor : 1
 Date & Time Acquired :: 2019-04-16 15:46:03 DataFile Name : 014CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	110	83	100	98	14.28	cps
Antimony	121-1	117	183	150	150	22.22	cps
Arsenic	75-2	15	7	4	9	65.47	cps
Barium	135-1	33	42	33	36	13.33	cps
Barium	137-1	83	50	25	53	55.46	cps
Beryllium	9-1	23	33	23	27	21.65	cps
Bismuth	209-1	1676236	1614810	1643252	1644766	1.87	cps
Bismuth	209-2	1496852	1504468	1497102	1499474	0.29	cps
Boron	11-1	800	950	1150	967	18.17	cps
Boron	10-1	208	142	175	175	19.05	cps
Cadmium	106-1	13699	13900	13282	13627	2.31	cps
Cadmium	108-1	33	63	29	42	43.59	cps
Cadmium	111-1	2741	2792	2671	2735	2.22	cps
Calcium	43-1	5991	5945	6005	5980	0.53	cps
Calcium	44-1	60459	60687	60727	60625	0.24	cps
Chromium	52-2	440	523	517	493	9.39	cps
Cobalt	59-2	87	93	123	101	19.32	cps
Copper	63-2	523	600	577	567	6.94	cps
Dysprosium	156-1	8	0	25	11	114.58	cps
Dysprosium	156-2	3	0	0	1	173.21	cps
Erbium	164-1	67	25	17	36	74.18	cps
Erbium	164-2	3	13	3	7	86.65	cps
Gadolinium	160-1	100	42	67	69	42.14	cps
Gadolinium	160-2	30	37	17	28	36.66	cps
Holmium	165-1	3071569	3064818	3121115	3085834	1.00	cps
Holmium	165-2	2153259	2116348	2150253	2139953	0.96	cps
Indium	115-1	3203299	3172934	3235631	3203955	0.98	cps
Indium	115-2	625802	620669	626268	624247	0.50	cps
Iron	56-2	1606	1428	1572	1535	6.16	cps
Iron	57-2	189	239	261	230	16.11	cps
Krypton	83-1	573	513	523	537	5.99	cps
Lead	207-1	411	511	544	489	14.19	cps
Lead	208-1	2172	2256	2145	2191	2.64	cps
Lead	206-1	594	489	606	563	11.44	cps
Lithium	6-1	109634	111669	112416	111240	1.29	cps
Magnesium	24-2	83	92	58	78	22.30	cps

LB Number :	LB102143	Operator :	Jaswal
Lab Sample ID :	ICB01	Instrumnet Name :	P8
Client Sample ID :	ICB01	Dilution Factor :	1
Date & Time Acquired ::	2019-04-16 15:46:03	DataFile Name :	014CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	23	33	27	28	18.33	cps
Molybdenum	94-1	83	67	150	100	44.10	cps
Molybdenum	95-1	50	67	33	50	33.34	cps
Molybdenum	96-1	67	75	58	67	12.49	cps
Molybdenum	97-1	58	50	50	53	9.12	cps
Molybdenum	98-1	25	92	50	56	60.62	cps
Neodymium	150-1	20	20	20	20	0.00	cps
Neodymium	150-2	0	0	0	0	0.00	cps
Nickel	60-2	40	30	23	31	26.97	cps
Phosphorus	31-2	67	25	33	42	52.92	cps
Potassium	39-2	18672	18913	18872	18819	0.69	cps
Rhodium	103-1	3327353	3255707	3258259	3280440	1.24	cps
Rhodium	103-2	1825048	1824238	1835971	1828419	0.36	cps
Scandium	45-1	2577026	2605150	2593268	2591815	0.54	cps
Scandium	45-2	72791	71936	74667	73132	1.91	cps
Selenium	77-2	0	0	0	0	0.00	cps
Selenium	78-2	28	19	19	22	24.74	cps
Selenium	82-1	-82	-17	-22	-40	-89.47	cps
Silicon	28-1	3435075	3377990	3390288	3401117	0.88	cps
Silver	109-1	258	342	208	269	25.00	cps
Silver	107-1	225	275	342	281	20.86	cps
Sodium	23-2	17578	17169	16510	17086	3.15	cps
Strontium	86-1	833	908	608	783	19.93	cps
Strontium	88-1	108	133	75	106	27.73	cps
Sulfur	34-1	346729	350171	346368	347756	0.60	cps
Terbium	159-1	3297930	3263645	3278058	3279878	0.52	cps
Terbium	159-2	2166834	2094393	2126460	2129229	1.70	cps
Thallium	203-1	183	117	208	169	27.97	cps
Thallium	205-1	367	392	467	408	12.74	cps
Tin	118-1	317	300	217	278	19.29	cps
Titanium	47-1	16494	17245	17812	17183	3.85	cps
Uranium	238-1	17	58	25	33	66.14	cps
Vanadium	51-2	67	53	60	60	11.12	cps
Yttrium	89-1	3935257	3990139	3984797	3970064	0.76	cps
Yttrium	89-2	483505	478622	475540	479222	0.84	cps
Zinc	66-2	193	187	183	188	2.71	cps

LB Number :	LB102143	Operator :	Jaswal
Lab Sample ID :	ICB01	Instrumnet Name :	P8
Client Sample ID :	ICB01	Dilution Factor :	1
Date & Time Acquired ::	2019-04-16 15:46:03	DataFile Name :	014CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	90-1	358	250	192	267	31.71	cps
Zirconium	91-1	108	117	100	108	7.69	cps

LB Number : LB102143 Operator : Jaswal
 Lab Sample ID : ICSA01 Instrumnet Name : P8
 Client Sample ID : ICSA01 Dilution Factor : 1
 Date & Time Acquired :: 2019-04-16 15:49:35 DataFile Name : 015ICSA01.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	1390492	1384175	1390025	1388231	0.25	cps
Antimony	121-1	5351	5260	5760	5457	4.88	cps
Arsenic	75-2	72	85	109	89	21.14	cps
Barium	135-1	1350	1367	1200	1306	7.03	cps
Barium	137-1	2050	2167	2542	2253	11.40	cps
Beryllium	9-1	100	87	123	103	17.96	cps
Bismuth	209-1	1730845	1736232	1750302	1739126	0.58	cps
Bismuth	209-2	1536678	1555277	1536274	1542743	0.70	cps
Boron	11-1	950	1175	1058	1061	10.61	cps
Boron	10-1	192	217	217	208	6.93	cps
Cadmium	106-1	13349	13733	14066	13716	2.62	cps
Cadmium	108-1	729	833	746	769	7.27	cps
Cadmium	111-1	3332	3447	3643	3474	4.53	cps
Calcium	43-1	1339151	1342485	1341059	1340898	0.12	cps
Calcium	44-1	20923806	21196383	21006277	21042155	0.66	cps
Chromium	52-2	24809	24542	24882	24744	0.72	cps
Cobalt	59-2	2500	2650	2464	2538	3.90	cps
Copper	63-2	14414	15068	14468	14650	2.48	cps
Dysprosium	156-1	25	17	33	25	33.32	cps
Dysprosium	156-2	3	7	3	4	43.40	cps
Erbium	164-1	33	8	42	28	62.46	cps
Erbium	164-2	20	13	7	13	49.99	cps
Gadolinium	160-1	67	67	92	75	19.24	cps
Gadolinium	160-2	43	53	43	47	12.37	cps
Holmium	165-1	3235034	3245540	3292422	3257666	0.94	cps
Holmium	165-2	2296250	2331082	2240809	2289380	1.99	cps
Indium	115-1	3288513	3326886	3384724	3333374	1.45	cps
Indium	115-2	635771	642405	640626	639601	0.54	cps
Iron	56-2	89019824	88935694	89626852	89194123	0.42	cps
Iron	57-2	2271126	2268923	2286963	2275671	0.43	cps
Krypton	83-1	580	537	493	537	8.08	cps
Lead	207-1	7158	7047	7302	7169	1.79	cps
Lead	208-1	33535	33401	33195	33377	0.51	cps
Lead	206-1	9009	9104	8492	8868	3.71	cps
Lithium	6-1	115597	115168	115461	115409	0.19	cps
Magnesium	24-2	4860217	4897118	4872582	4876639	0.39	cps

LB Number : LB102143 Operator : Jaswal
 Lab Sample ID : ICSA01 Instrumnet Name : P8
 Client Sample ID : ICSA01 Dilution Factor : 1
 Date & Time Acquired :: 2019-04-16 15:49:35 DataFile Name : 015ICSA01.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	4114	3971	4174	4086	2.56	cps
Molybdenum	94-1	2294392	2328511	2304444	2309116	0.76	cps
Molybdenum	95-1	4012337	4063887	3989627	4021950	0.95	cps
Molybdenum	96-1	4328829	4374997	4327351	4343726	0.62	cps
Molybdenum	97-1	2510173	2506636	2485547	2500786	0.53	cps
Molybdenum	98-1	6264234	6286844	6291716	6280931	0.23	cps
Neodymium	150-1	27	33	20	27	24.99	cps
Neodymium	150-2	7	3	7	6	34.70	cps
Nickel	60-2	3197	3184	3230	3204	0.75	cps
Phosphorus	31-2	150577	149888	150721	150395	0.30	cps
Potassium	39-2	5124132	5112826	5211022	5149327	1.04	cps
Rhodium	103-1	3197960	3231671	3251074	3226902	0.83	cps
Rhodium	103-2	1807295	1820890	1843361	1823849	1.00	cps
Scandium	45-1	2619869	2625358	2607267	2617498	0.35	cps
Scandium	45-2	74932	73548	75223	74568	1.20	cps
Selenium	77-2	0	3	0	1	173.21	cps
Selenium	78-2	24	11	24	20	37.89	cps
Selenium	82-1	-53	-55	29	-26	-181.46	cps
Silicon	28-1	3317435	3324727	3324010	3322058	0.12	cps
Silver	109-1	2000	2209	2734	2314	16.33	cps
Silver	107-1	2217	2459	2917	2531	14.05	cps
Sodium	23-2	10973735	10865141	10953947	10930941	0.53	cps
Strontium	86-1	48295	48270	48053	48206	0.28	cps
Strontium	88-1	402271	399611	407601	403161	1.01	cps
Sulfur	34-1	1698907	1702175	1685365	1695482	0.53	cps
Terbium	159-1	3422537	3506028	3478754	3469106	1.23	cps
Terbium	159-2	2302358	2314102	2298011	2304824	0.36	cps
Thallium	203-1	325	367	375	356	7.53	cps
Thallium	205-1	1117	792	792	900	20.85	cps
Tin	118-1	917	850	958	908	6.02	cps
Titanium	47-1	1270310	1292787	1272622	1278573	0.97	cps
Uranium	238-1	100	108	117	108	7.69	cps
Vanadium	51-2	207	183	220	203	9.13	cps
Yttrium	89-1	4023710	4042295	4128315	4064773	1.37	cps
Yttrium	89-2	494982	499097	498482	497520	0.45	cps
Zinc	66-2	3030	2990	3210	3077	3.81	cps

LB Number :	LB102143	Operator :	Jaswal
Lab Sample ID :	ICSA01	Instrumnet Name :	P8
Client Sample ID :	ICSA01	Dilution Factor :	1
Date & Time Acquired ::	2019-04-16 15:49:35	DataFile Name :	015ICSA01.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	90-1	417	350	392	386	8.72	cps
Zirconium	91-1	150	133	117	133	12.50	cps

LB Number : LB102143 Operator : Jaswal
 Lab Sample ID : ICSAB01 Instrumnet Name : P8
 Client Sample ID : ICSAB01 Dilution Factor : 1
 Date & Time Acquired :: 2019-04-16 15:52:59 DataFile Name : 016ICSB.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	1360816	1356051	1388346	1368404	1.27	cps
Antimony	121-1	91614	95029	92511	93051	1.90	cps
Arsenic	75-2	4090	4325	4125	4180	3.04	cps
Barium	135-1	18197	19156	18038	18464	3.28	cps
Barium	137-1	31898	32533	31180	31870	2.12	cps
Beryllium	9-1	5228	5121	5288	5212	1.62	cps
Bismuth	209-1	1718407	1717969	1731285	1722553	0.44	cps
Bismuth	209-2	1562033	1557084	1564891	1561336	0.25	cps
Boron	11-1	12398	12264	12147	12270	1.02	cps
Boron	10-1	2517	2034	2284	2278	10.61	cps
Cadmium	106-1	16436	16444	17328	16736	3.07	cps
Cadmium	108-1	2600	2525	2642	2589	2.28	cps
Cadmium	111-1	23988	23888	24497	24124	1.35	cps
Calcium	43-1	1317839	1323297	1359168	1333435	1.68	cps
Calcium	44-1	21002881	20992971	21242823	21079559	0.67	cps
Chromium	52-2	48257	47892	47805	47985	0.50	cps
Cobalt	59-2	44354	44331	44504	44396	0.21	cps
Copper	63-2	47327	46959	46478	46921	0.91	cps
Dysprosium	156-1	33	33	50	39	24.74	cps
Dysprosium	156-2	13	13	7	11	34.61	cps
Erbium	164-1	33	17	58	36	58.08	cps
Erbium	164-2	3	7	20	10	88.20	cps
Gadolinium	160-1	67	100	92	86	20.15	cps
Gadolinium	160-2	40	43	33	39	13.09	cps
Holmium	165-1	3311198	3329001	3322582	3320927	0.27	cps
Holmium	165-2	2285741	2327598	2328809	2314049	1.06	cps
Indium	115-1	3356284	3360919	3371550	3362918	0.23	cps
Indium	115-2	638011	654622	653609	648747	1.44	cps
Iron	56-2	87798799	88346038	88041541	88062126	0.31	cps
Iron	57-2	2264670	2262733	2234600	2254001	0.75	cps
Krypton	83-1	610	577	547	578	5.48	cps
Lead	207-1	36887	36966	37099	36984	0.29	cps
Lead	208-1	171735	171640	171349	171574	0.12	cps
Lead	206-1	45137	44924	44467	44843	0.76	cps
Lithium	6-1	115478	117427	115220	116042	1.04	cps
Magnesium	24-2	4832237	4815968	4899139	4849115	0.91	cps

LB Number :	LB102143	Operator :	Jaswal
Lab Sample ID :	ICSAB01	Instrumnet Name :	P8
Client Sample ID :	ICSAB01	Dilution Factor :	1
Date & Time Acquired ::	2019-04-16 15:52:59	DataFile Name :	016ICSB.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	14428	13450	13590	13823	3.82	cps
Molybdenum	94-1	2555609	2546093	2529493	2543732	0.52	cps
Molybdenum	95-1	4188201	4180615	4193847	4187554	0.16	cps
Molybdenum	96-1	4472001	4518363	4513004	4501123	0.56	cps
Molybdenum	97-1	2567271	2620610	2560977	2582953	1.27	cps
Molybdenum	98-1	6412469	6509229	6498760	6473486	0.82	cps
Neodymium	150-1	13	47	13	24	78.75	cps
Neodymium	150-2	10	13	7	10	33.30	cps
Nickel	60-2	14982	15045	14544	14857	1.83	cps
Phosphorus	31-2	149406	146900	149541	148615	1.00	cps
Potassium	39-2	5154742	5036486	5111031	5100753	1.17	cps
Rhodium	103-1	3260217	3293375	3321070	3291554	0.93	cps
Rhodium	103-2	1829120	1850366	1869554	1849680	1.09	cps
Scandium	45-1	2628948	2661473	2681221	2657214	0.99	cps
Scandium	45-2	73789	74194	76034	74673	1.60	cps
Selenium	77-2	27	60	60	49	39.36	cps
Selenium	78-2	228	191	178	199	13.05	cps
Selenium	82-1	1579	1522	1616	1573	3.02	cps
Silicon	28-1	3447392	3437342	3507811	3464182	1.10	cps
Silver	109-1	91661	90824	93003	91829	1.20	cps
Silver	107-1	97838	97377	98249	97821	0.45	cps
Sodium	23-2	10924163	10853094	10832022	10869760	0.44	cps
Strontium	86-1	130031	130630	131706	130789	0.65	cps
Strontium	88-1	1115676	1135013	1131613	1127434	0.92	cps
Sulfur	34-1	1690637	1671874	1688627	1683712	0.61	cps
Terbium	159-1	3498552	3563807	3559710	3540689	1.03	cps
Terbium	159-2	2295637	2302337	2336586	2311520	0.95	cps
Thallium	203-1	44680	44906	43911	44499	1.17	cps
Thallium	205-1	107831	105630	105269	106243	1.31	cps
Tin	118-1	179804	182116	182642	181521	0.83	cps
Titanium	47-1	1329346	1311820	1323458	1321541	0.67	cps
Uranium	238-1	382501	383778	387908	384729	0.73	cps
Vanadium	51-2	18102	18639	18709	18484	1.80	cps
Yttrium	89-1	4110576	4137043	4143884	4130501	0.43	cps
Yttrium	89-2	504729	503099	500316	502715	0.44	cps
Zinc	66-2	7709	7762	8269	7914	3.91	cps

LB Number :	LB102143	Operator :	Jaswal
Lab Sample ID :	ICSAB01	Instrumnet Name :	P8
Client Sample ID :	ICSAB01	Dilution Factor :	1
Date & Time Acquired ::	2019-04-16 15:52:59	DataFile Name :	016ICSB.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	90-1	452857	460419	452617	455298	0.97	cps
Zirconium	91-1	100739	102931	101812	101827	1.08	cps

LB Number :	LB102143	Operator :	Jaswal
Lab Sample ID :	CCV79	Instrumnet Name :	P8
Client Sample ID :	CCV79	Dilution Factor :	1
Date & Time Acquired ::	2019-04-16 15:56:23	DataFile Name :	017CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	850581	852456	862795	855277	0.77	cps
Antimony	121-1	2249110	2203822	2222036	2224989	1.02	cps
Arsenic	75-2	103683	104290	104810	104261	0.54	cps
Barium	135-1	2177834	2187726	2133867	2166476	1.32	cps
Barium	137-1	3726677	3732499	3725773	3728316	0.10	cps
Beryllium	9-1	149561	152297	150259	150706	0.94	cps
Bismuth	209-1	1731368	1731626	1726104	1729699	0.18	cps
Bismuth	209-2	1545641	1550359	1565576	1553859	0.67	cps
Boron	11-1	100581	102576	103154	102103	1.32	cps
Boron	10-1	18329	18629	19222	18727	2.43	cps
Cadmium	106-1	69965	68148	71231	69781	2.22	cps
Cadmium	108-1	39212	38823	37824	38620	1.85	cps
Cadmium	111-1	512673	502129	513033	509278	1.22	cps
Calcium	43-1	3357159	3390718	3415805	3387894	0.87	cps
Calcium	44-1	53750146	54693346	54494711	54312734	0.92	cps
Chromium	52-2	592794	594112	599176	595361	0.57	cps
Cobalt	59-2	1020929	1033806	1041112	1031949	0.99	cps
Copper	63-2	1550088	1541008	1574526	1555207	1.11	cps
Dysprosium	156-1	175	200	142	172	16.99	cps
Dysprosium	156-2	40	40	10	30	57.74	cps
Erbium	164-1	17	25	42	28	45.82	cps
Erbium	164-2	13	23	10	16	44.60	cps
Gadolinium	160-1	92	75	50	72	29.04	cps
Gadolinium	160-2	53	97	60	70	33.34	cps
Holmium	165-1	3379937	3379274	3354506	3371239	0.43	cps
Holmium	165-2	2338910	2296406	2358371	2331229	1.36	cps
Indium	115-1	3354321	3257185	3394124	3335210	2.11	cps
Indium	115-2	629047	642801	640366	637405	1.15	cps
Iron	56-2	111645347	113656561	113725200	113009036	1.05	cps
Iron	57-2	2845356	2853588	2898260	2865735	0.99	cps
Krypton	83-1	570	590	627	596	4.83	cps
Lead	207-1	767096	768597	764473	766722	0.27	cps
Lead	208-1	3477220	3505040	3473977	3485412	0.49	cps
Lead	206-1	852016	857717	861883	857205	0.58	cps
Lithium	6-1	138045	138658	142228	139644	1.62	cps
Magnesium	24-2	12193342	12455066	12529372	12392593	1.42	cps

LB Number :	LB102143	Operator :	Jaswal
Lab Sample ID :	CCV79	Instrumnet Name :	P8
Client Sample ID :	CCV79	Dilution Factor :	1
Date & Time Acquired ::	2019-04-16 15:56:23	DataFile Name :	017CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	508883	513228	515115	512409	0.62	cps
Molybdenum	94-1	4119875	4144516	4206848	4157080	1.08	cps
Molybdenum	95-1	5118296	5162762	5162492	5147850	0.50	cps
Molybdenum	96-1	5669604	5681800	5709314	5686906	0.36	cps
Molybdenum	97-1	3140543	3188870	3188080	3172498	0.87	cps
Molybdenum	98-1	7975825	7998348	8051881	8008685	0.49	cps
Neodymium	150-1	120	107	107	111	6.93	cps
Neodymium	150-2	10	27	20	19	44.42	cps
Nickel	60-2	281839	284259	286807	284302	0.87	cps
Phosphorus	31-2	14983	15184	15609	15259	2.10	cps
Potassium	39-2	6522441	6489391	6643841	6551891	1.24	cps
Rhodium	103-1	3211551	3274761	3271348	3252554	1.09	cps
Rhodium	103-2	1826730	1814928	1820224	1820627	0.32	cps
Scandium	45-1	2722716	2765642	2774930	2754430	1.01	cps
Scandium	45-2	76450	76732	78605	77262	1.52	cps
Selenium	77-2	1217	1157	1237	1203	3.46	cps
Selenium	78-2	4304	4454	4366	4375	1.72	cps
Selenium	82-1	39400	40129	39795	39775	0.92	cps
Silicon	28-1	4323500	4326454	4363282	4337745	0.51	cps
Silver	109-1	2354046	2292484	2301680	2316070	1.43	cps
Silver	107-1	2441696	2449586	2430754	2440679	0.39	cps
Sodium	23-2	27591970	27629376	27523028	27581458	0.20	cps
Strontium	86-1	692550	676763	688015	685776	1.19	cps
Strontium	88-1	5900889	5804172	5855402	5853488	0.83	cps
Sulfur	34-1	527704	522906	526206	525605	0.47	cps
Terbium	159-1	3585928	3574418	3558063	3572803	0.39	cps
Terbium	159-2	2329886	2325023	2300090	2318333	0.69	cps
Thallium	203-1	1087010	1087978	1079142	1084710	0.45	cps
Thallium	205-1	2600237	2603418	2628956	2610870	0.60	cps
Tin	118-1	1444133	1424135	1457585	1441951	1.17	cps
Titanium	47-1	1611903	1626622	1591285	1609937	1.10	cps
Uranium	238-1	3110103	3166366	3068459	3114976	1.58	cps
Vanadium	51-2	468313	468871	470406	469197	0.23	cps
Yttrium	89-1	4178088	4079914	4205334	4154445	1.59	cps
Yttrium	89-2	499327	512034	512924	508095	1.50	cps
Zinc	66-2	235710	238879	238723	237771	0.75	cps

LB Number :	LB102143	Operator :	Jaswal
Lab Sample ID :	CCV79	Instrumnet Name :	P8
Client Sample ID :	CCV79	Dilution Factor :	1
Date & Time Acquired ::	2019-04-16 15:56:23	DataFile Name :	017CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	90-1	3605338	3572577	3654993	3610970	1.15	cps
Zirconium	91-1	784481	781945	791394	785940	0.62	cps

LB Number :	LB102143	Operator :	Jaswal
Lab Sample ID :	LLCCV	Instrumnet Name :	P8
Client Sample ID :	LLCCV	Dilution Factor :	1
Date & Time Acquired ::	2019-04-16 16:13:26	DataFile Name :	020LLIC.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	415	438	358	403	10.23	cps
Antimony	121-1	7919	7427	8278	7875	5.42	cps
Arsenic	75-2	196	204	206	202	2.43	cps
Barium	135-1	8003	8044	7436	7828	4.34	cps
Barium	137-1	13466	14016	13691	13724	2.02	cps
Beryllium	9-1	243	323	240	269	17.55	cps
Bismuth	209-1	1687746	1671630	1646560	1668645	1.24	cps
Bismuth	209-2	1491873	1518754	1497830	1502819	0.94	cps
Boron	11-1	4726	5085	5043	4951	3.96	cps
Boron	10-1	825	992	858	892	9.89	cps
Cadmium	106-1	13332	12998	12865	13065	1.84	cps
Cadmium	108-1	67	113	108	96	26.45	cps
Cadmium	111-1	3620	3594	3518	3577	1.48	cps
Calcium	43-1	12115	11912	11722	11916	1.65	cps
Calcium	44-1	158613	158499	160059	159057	0.55	cps
Chromium	52-2	2770	2757	2730	2753	0.74	cps
Cobalt	59-2	2044	2044	2070	2052	0.75	cps
Copper	63-2	3597	3547	3727	3624	2.56	cps
Dysprosium	156-1	0	17	8	8	100.02	cps
Dysprosium	156-2	7	3	3	4	43.40	cps
Erbium	164-1	8	25	33	22	57.29	cps
Erbium	164-2	3	0	13	6	124.93	cps
Gadolinium	160-1	25	42	83	50	60.09	cps
Gadolinium	160-2	30	43	23	32	31.61	cps
Holmium	165-1	3089404	3127480	3054216	3090367	1.19	cps
Holmium	165-2	2142026	2160833	2155713	2152857	0.45	cps
Indium	115-1	3236068	3214196	3218696	3222987	0.36	cps
Indium	115-2	626539	631001	629814	629118	0.37	cps
Iron	56-2	46155	47141	47097	46798	1.19	cps
Iron	57-2	1322	1328	1250	1300	3.34	cps
Krypton	83-1	517	597	503	539	9.37	cps
Lead	207-1	1778	1789	1972	1846	5.91	cps
Lead	208-1	7946	7929	8440	8105	3.58	cps
Lead	206-1	1945	2100	2222	2089	6.67	cps
Lithium	6-1	116472	114598	117515	116195	1.27	cps
Magnesium	24-2	24105	24539	23929	24191	1.30	cps

LB Number :	LB102143	Operator :	Jaswal
Lab Sample ID :	LLCCV	Instrumnet Name :	P8
Client Sample ID :	LLCCV	Dilution Factor :	1
Date & Time Acquired ::	2019-04-16 16:13:26	DataFile Name :	020LLIC.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	557	503	560	540	5.89	cps
Molybdenum	94-1	7969	8003	8328	8100	2.45	cps
Molybdenum	95-1	10021	9904	9562	9829	2.43	cps
Molybdenum	96-1	10746	11297	11147	11063	2.57	cps
Molybdenum	97-1	6252	6410	6043	6235	2.95	cps
Molybdenum	98-1	15092	15610	16569	15757	4.76	cps
Neodymium	150-1	7	20	7	11	69.25	cps
Neodymium	150-2	0	0	0	0	0.00	cps
Nickel	60-2	603	613	537	584	7.13	cps
Phosphorus	31-2	275	233	100	203	45.08	cps
Potassium	39-2	42373	42875	43702	42983	1.56	cps
Rhodium	103-1	3243951	3302149	3306905	3284335	1.07	cps
Rhodium	103-2	1830341	1846861	1842981	1840061	0.47	cps
Scandium	45-1	2578792	2562274	2623659	2588241	1.23	cps
Scandium	45-2	72878	73605	73391	73291	0.51	cps
Selenium	77-2	43	10	17	23	75.58	cps
Selenium	78-2	57	54	46	52	10.78	cps
Selenium	82-1	339	316	351	335	5.35	cps
Silicon	28-1	3397224	3383161	3389148	3389845	0.21	cps
Silver	109-1	4618	4868	5085	4857	4.81	cps
Silver	107-1	4868	5193	4751	4937	4.64	cps
Sodium	23-2	65284	68666	66196	66715	2.62	cps
Strontium	86-1	1792	1767	2075	1878	9.12	cps
Strontium	88-1	10479	10546	11238	10755	3.91	cps
Sulfur	34-1	348480	346652	348611	347914	0.31	cps
Terbium	159-1	3300570	3284172	3287160	3290634	0.27	cps
Terbium	159-2	2154104	2177519	2165351	2165658	0.54	cps
Thallium	203-1	2017	2175	2200	2131	4.67	cps
Thallium	205-1	5218	4926	5060	5068	2.88	cps
Tin	118-1	12973	14233	13975	13727	4.85	cps
Titanium	47-1	19456	19932	19756	19715	1.22	cps
Uranium	238-1	5185	5493	5160	5279	3.52	cps
Vanadium	51-2	4674	4397	4578	4550	3.09	cps
Yttrium	89-1	3939490	3855874	3970687	3922017	1.51	cps
Yttrium	89-2	482983	482811	478465	481420	0.53	cps
Zinc	66-2	703	730	680	704	3.55	cps

LB Number :	LB102143	Operator :	Jaswal
Lab Sample ID :	LLCCV	Instrumnet Name :	P8
Client Sample ID :	LLCCV	Dilution Factor :	1
Date & Time Acquired ::	2019-04-16 16:13:26	DataFile Name :	020LLIC.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	90-1	6402	6577	6435	6471	1.44	cps
Zirconium	91-1	1625	1592	1609	1609	1.04	cps

LB Number : LB102143 Operator : Jaswal
 Lab Sample ID : CCB79 Instrumnet Name : P8
 Client Sample ID : CCB79 Dilution Factor : 1
 Date & Time Acquired :: 2019-04-16 16:16:57 DataFile Name : 021CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	118	65	83	88	30.26	cps
Antimony	121-1	117	58	83	86	33.98	cps
Arsenic	75-2	13	15	7	12	32.84	cps
Barium	135-1	17	17	17	17	0.00	cps
Barium	137-1	25	33	17	25	33.32	cps
Beryllium	9-1	23	20	13	19	26.96	cps
Bismuth	209-1	1625597	1669819	1621765	1639060	1.63	cps
Bismuth	209-2	1495596	1460688	1477244	1477843	1.18	cps
Boron	11-1	783	608	650	681	13.43	cps
Boron	10-1	217	158	183	186	15.73	cps
Cadmium	106-1	13065	13032	13232	13110	0.82	cps
Cadmium	108-1	38	46	25	36	29.03	cps
Cadmium	111-1	2622	2626	2654	2634	0.65	cps
Calcium	43-1	5721	5778	5561	5687	1.98	cps
Calcium	44-1	59827	58311	59017	59051	1.28	cps
Chromium	52-2	550	493	453	499	9.74	cps
Cobalt	59-2	73	73	97	81	16.61	cps
Copper	63-2	413	527	523	488	13.22	cps
Dysprosium	156-1	17	8	8	11	43.34	cps
Dysprosium	156-2	0	0	3	1	173.21	cps
Erbium	164-1	8	8	8	8	0.00	cps
Erbium	164-2	7	0	10	6	91.64	cps
Gadolinium	160-1	42	50	58	50	16.67	cps
Gadolinium	160-2	27	17	10	18	47.19	cps
Holmium	165-1	3043432	3028914	3029288	3033878	0.27	cps
Holmium	165-2	2151245	2075977	2088432	2105218	1.92	cps
Indium	115-1	3246098	3185548	3209212	3213620	0.95	cps
Indium	115-2	615429	609497	617416	614114	0.67	cps
Iron	56-2	1400	1672	2278	1784	25.20	cps
Iron	57-2	161	156	183	167	8.82	cps
Krypton	83-1	453	523	570	516	11.39	cps
Lead	207-1	450	417	478	448	6.83	cps
Lead	208-1	1945	1872	1967	1928	2.56	cps
Lead	206-1	406	489	556	483	15.55	cps
Lithium	6-1	114875	116465	115086	115475	0.75	cps
Magnesium	24-2	67	92	67	75	19.24	cps

LB Number :	LB102143	Operator :	Jaswal
Lab Sample ID :	CCB79	Instrumnet Name :	P8
Client Sample ID :	CCB79	Dilution Factor :	1
Date & Time Acquired ::	2019-04-16 16:16:57	DataFile Name :	021CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	27	17	17	20	28.86	cps
Molybdenum	94-1	117	125	83	108	20.35	cps
Molybdenum	95-1	75	67	50	64	19.92	cps
Molybdenum	96-1	58	83	42	61	34.32	cps
Molybdenum	97-1	25	42	17	28	45.82	cps
Molybdenum	98-1	42	92	33	56	56.78	cps
Neodymium	150-1	0	13	7	7	99.98	cps
Neodymium	150-2	0	0	0	0	0.00	cps
Nickel	60-2	30	20	27	26	19.92	cps
Phosphorus	31-2	42	33	67	47	36.74	cps
Potassium	39-2	19114	18897	18797	18936	0.86	cps
Rhodium	103-1	3260309	3202910	3258844	3240688	1.01	cps
Rhodium	103-2	1822733	1805037	1820164	1815978	0.53	cps
Scandium	45-1	2620379	2572901	2597008	2596763	0.91	cps
Scandium	45-2	71303	71521	72720	71848	1.06	cps
Selenium	77-2	7	3	0	3	100.05	cps
Selenium	78-2	20	15	9	15	37.50	cps
Selenium	82-1	65	-15	-96	-15	-531.84	cps
Silicon	28-1	3401287	3368473	3371408	3380389	0.54	cps
Silver	109-1	200	217	208	208	4.00	cps
Silver	107-1	242	242	258	247	3.89	cps
Sodium	23-2	13749	13782	13941	13824	0.74	cps
Strontium	86-1	717	767	800	761	5.51	cps
Strontium	88-1	83	100	58	81	26.03	cps
Sulfur	34-1	349705	352509	351767	351327	0.41	cps
Terbium	159-1	3210555	3196099	3235147	3213933	0.61	cps
Terbium	159-2	2146777	2110145	2141748	2132890	0.93	cps
Thallium	203-1	150	158	150	153	3.15	cps
Thallium	205-1	400	558	442	467	17.59	cps
Tin	118-1	258	283	308	283	8.82	cps
Titanium	47-1	16919	16185	17145	16750	3.00	cps
Uranium	238-1	17	25	67	36	74.18	cps
Vanadium	51-2	43	60	47	50	17.64	cps
Yttrium	89-1	3883237	3911534	3861440	3885404	0.65	cps
Yttrium	89-2	476570	472647	474557	474591	0.41	cps
Zinc	66-2	163	200	230	198	16.88	cps

LB Number :	LB102143	Operator :	Jaswal
Lab Sample ID :	CCB79	Instrumnet Name :	P8
Client Sample ID :	CCB79	Dilution Factor :	1
Date & Time Acquired ::	2019-04-16 16:16:57	DataFile Name :	021CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	90-1	250	242	342	278	19.97	cps
Zirconium	91-1	108	58	67	78	34.44	cps

LB Number :	LB102143	Operator :	Jaswal
Lab Sample ID :	CRI	Instrumnet Name :	P8
Client Sample ID :	CRI	Dilution Factor :	1
Date & Time Acquired ::	2019-04-16 16:20:29	DataFile Name :	022LLCC.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	343	343	318	334	4.32	cps
Antimony	121-1	5718	6135	6735	6196	8.25	cps
Arsenic	75-2	157	139	167	154	9.17	cps
Barium	135-1	6418	6760	6477	6552	2.79	cps
Barium	137-1	11389	10863	11614	11289	3.41	cps
Beryllium	9-1	170	210	177	186	11.55	cps
Bismuth	209-1	1635635	1640990	1643065	1639897	0.23	cps
Bismuth	209-2	1481730	1469834	1463576	1471713	0.63	cps
Boron	11-1	4009	4067	3867	3981	2.58	cps
Boron	10-1	650	617	700	656	6.40	cps
Cadmium	106-1	12390	13107	13616	13037	4.73	cps
Cadmium	108-1	92	88	125	101	20.27	cps
Cadmium	111-1	3143	3304	3527	3325	5.81	cps
Calcium	43-1	10864	10454	10324	10547	2.67	cps
Calcium	44-1	137397	138807	138060	138088	0.51	cps
Chromium	52-2	2267	2194	2244	2235	1.68	cps
Cobalt	59-2	1723	1733	1607	1688	4.17	cps
Copper	63-2	2870	2954	2877	2900	1.60	cps
Dysprosium	156-1	25	0	17	14	91.65	cps
Dysprosium	156-2	0	10	0	3	173.21	cps
Erbium	164-1	0	17	8	8	100.02	cps
Erbium	164-2	17	7	7	10	57.72	cps
Gadolinium	160-1	92	67	100	86	20.14	cps
Gadolinium	160-2	30	47	17	31	48.31	cps
Holmium	165-1	3048952	3076138	2983626	3036239	1.57	cps
Holmium	165-2	2118230	2138097	2110438	2122255	0.67	cps
Indium	115-1	3154311	3201960	3184948	3180406	0.76	cps
Indium	115-2	615152	620983	612317	616151	0.72	cps
Iron	56-2	37546	37429	37117	37364	0.59	cps
Iron	57-2	1139	1067	1050	1085	4.35	cps
Krypton	83-1	557	583	523	554	5.42	cps
Lead	207-1	1495	1472	1550	1506	2.66	cps
Lead	208-1	6779	6551	6640	6656	1.73	cps
Lead	206-1	1672	1672	1556	1633	4.12	cps
Lithium	6-1	113885	114187	113329	113800	0.38	cps
Magnesium	24-2	18605	19397	19522	19175	2.60	cps

LB Number :	LB102143	Operator :	Jaswal
Lab Sample ID :	CRI	Instrumnet Name :	P8
Client Sample ID :	CRI	Dilution Factor :	1
Date & Time Acquired ::	2019-04-16 16:20:29	DataFile Name :	022LLCC.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	423	380	467	423	10.24	cps
Molybdenum	94-1	6443	6427	6335	6402	0.91	cps
Molybdenum	95-1	8203	7819	7619	7880	3.76	cps
Molybdenum	96-1	8720	8536	8853	8703	1.83	cps
Molybdenum	97-1	5685	4701	4751	5046	10.98	cps
Molybdenum	98-1	12198	11973	12899	12356	3.91	cps
Neodymium	150-1	13	20	13	16	24.76	cps
Neodymium	150-2	0	0	3	1	173.21	cps
Nickel	60-2	507	463	533	501	7.05	cps
Phosphorus	31-2	83	42	75	67	33.07	cps
Potassium	39-2	38161	38520	37384	38022	1.53	cps
Rhodium	103-1	3222324	3231046	3239594	3230988	0.27	cps
Rhodium	103-2	1805428	1829956	1805630	1813671	0.78	cps
Scandium	45-1	2556031	2569420	2555780	2560410	0.30	cps
Scandium	45-2	71538	71752	72529	71940	0.73	cps
Selenium	77-2	17	23	13	18	28.64	cps
Selenium	78-2	46	54	80	60	29.23	cps
Selenium	82-1	237	217	311	255	19.51	cps
Silicon	28-1	3385680	3376862	3413046	3391863	0.56	cps
Silver	109-1	4026	4101	4218	4115	2.35	cps
Silver	107-1	4501	4101	4409	4337	4.83	cps
Sodium	23-2	55459	53837	53527	54274	1.91	cps
Strontium	86-1	1867	2009	1525	1800	13.80	cps
Strontium	88-1	8953	9404	8236	8864	6.64	cps
Sulfur	34-1	359274	357736	354571	357194	0.67	cps
Terbium	159-1	3199626	3263096	3315332	3259351	1.78	cps
Terbium	159-2	2157892	2134141	2151899	2147977	0.58	cps
Thallium	203-1	1617	1725	1675	1672	3.24	cps
Thallium	205-1	3951	4201	4026	4059	3.16	cps
Tin	118-1	11230	11272	11372	11291	0.65	cps
Titanium	47-1	18738	18338	19089	18722	2.01	cps
Uranium	238-1	3926	4134	3976	4012	2.71	cps
Vanadium	51-2	3704	3881	3681	3755	2.91	cps
Yttrium	89-1	3900986	3944365	3832229	3892527	1.45	cps
Yttrium	89-2	477194	476855	470375	474808	0.81	cps
Zinc	66-2	623	503	537	554	11.17	cps

LB Number :	LB102143	Operator :	Jaswal
Lab Sample ID :	CRI	Instrumnet Name :	P8
Client Sample ID :	CRI	Dilution Factor :	1
Date & Time Acquired ::	2019-04-16 16:20:29	DataFile Name :	022LLCC.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	90-1	5618	5510	5168	5432	4.32	cps
Zirconium	91-1	1217	1183	1183	1195	1.61	cps

LB Number :	LB102143	Operator :	Jaswal
Lab Sample ID :	PB118809BL	Instrumnet Name :	P8
Client Sample ID :	PB118809BL	Dilution Factor :	1
Date & Time Acquired ::	2019-04-16 16:24:01	DataFile Name :	023CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	95	80	80	85	10.19	cps
Antimony	121-1	108	92	100	100	8.33	cps
Arsenic	75-2	13	11	9	11	16.65	cps
Barium	135-1	25	0	8	11	114.58	cps
Barium	137-1	25	17	42	28	45.82	cps
Beryllium	9-1	27	23	37	29	24.03	cps
Bismuth	209-1	1621615	1625456	1623134	1623402	0.12	cps
Bismuth	209-2	1461571	1446391	1473096	1460353	0.92	cps
Boron	11-1	692	717	792	733	7.10	cps
Boron	10-1	183	100	150	144	29.04	cps
Cadmium	106-1	13165	12456	12632	12751	2.90	cps
Cadmium	108-1	33	46	25	35	30.20	cps
Cadmium	111-1	2647	2503	2534	2561	2.97	cps
Calcium	43-1	5651	5494	5384	5510	2.43	cps
Calcium	44-1	58076	58394	59061	58510	0.86	cps
Chromium	52-2	440	497	497	478	6.85	cps
Cobalt	59-2	73	73	57	68	14.19	cps
Copper	63-2	437	470	413	440	6.47	cps
Dysprosium	156-1	0	17	17	11	86.60	cps
Dysprosium	156-2	0	0	3	1	173.21	cps
Erbium	164-1	17	25	0	14	91.65	cps
Erbium	164-2	3	3	17	8	99.04	cps
Gadolinium	160-1	67	75	67	69	6.93	cps
Gadolinium	160-2	33	27	43	34	24.35	cps
Holmium	165-1	2980470	3052525	2998561	3010519	1.25	cps
Holmium	165-2	2128810	2099155	2114479	2114148	0.70	cps
Indium	115-1	3180571	3170549	3197305	3182808	0.42	cps
Indium	115-2	610082	607147	603204	606811	0.57	cps
Iron	56-2	1467	1372	1600	1480	7.73	cps
Iron	57-2	172	239	172	194	19.79	cps
Krypton	83-1	510	563	537	537	4.97	cps
Lead	207-1	300	289	289	293	2.19	cps
Lead	208-1	1572	1478	1367	1472	6.99	cps
Lead	206-1	439	350	350	380	13.52	cps
Lithium	6-1	117031	115511	115674	116072	0.72	cps
Magnesium	24-2	67	75	50	64	19.92	cps

LB Number :	LB102143	Operator :	Jaswal
Lab Sample ID :	PB118809BL	Instrumnet Name :	P8
Client Sample ID :	PB118809BL	Dilution Factor :	1
Date & Time Acquired ::	2019-04-16 16:24:01	DataFile Name :	023CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	33	20	17	23	37.78	cps
Molybdenum	94-1	92	158	125	125	26.67	cps
Molybdenum	95-1	50	33	50	44	21.66	cps
Molybdenum	96-1	75	75	50	67	21.65	cps
Molybdenum	97-1	58	58	50	56	8.67	cps
Molybdenum	98-1	17	33	83	44	78.07	cps
Neodymium	150-1	0	40	7	16	137.75	cps
Neodymium	150-2	0	3	0	1	173.21	cps
Nickel	60-2	30	27	13	23	37.81	cps
Phosphorus	31-2	50	58	33	47	26.97	cps
Potassium	39-2	19214	18813	19147	19058	1.13	cps
Rhodium	103-1	3233752	3217998	3248204	3233318	0.47	cps
Rhodium	103-2	1787250	1767338	1791024	1781870	0.71	cps
Scandium	45-1	2537564	2572415	2580038	2563339	0.88	cps
Scandium	45-2	72586	71568	72801	72318	0.91	cps
Selenium	77-2	0	3	0	1	173.21	cps
Selenium	78-2	15	19	15	16	13.35	cps
Selenium	82-1	2	-61	-65	-41	-91.66	cps
Silicon	28-1	3333435	3400098	3379111	3370881	1.01	cps
Silver	109-1	200	200	275	225	19.25	cps
Silver	107-1	292	283	233	269	11.71	cps
Sodium	23-2	12598	12840	13398	12945	3.17	cps
Strontium	86-1	750	800	800	783	3.68	cps
Strontium	88-1	92	100	67	86	20.15	cps
Sulfur	34-1	358173	360138	361205	359839	0.43	cps
Terbium	159-1	3215929	3227956	3216024	3219970	0.21	cps
Terbium	159-2	2101545	2110147	2107763	2106485	0.21	cps
Thallium	203-1	150	142	158	150	5.56	cps
Thallium	205-1	442	292	375	369	20.34	cps
Tin	118-1	208	167	167	181	13.32	cps
Titanium	47-1	16927	16243	16986	16719	2.47	cps
Uranium	238-1	8	33	33	25	57.75	cps
Vanadium	51-2	53	73	57	61	17.54	cps
Yttrium	89-1	3904324	3933058	3866598	3901327	0.85	cps
Yttrium	89-2	472593	466632	469275	469500	0.64	cps
Zinc	66-2	213	190	193	199	6.35	cps

LB Number :	LB102143	Operator :	Jaswal
Lab Sample ID :	PB118809BL	Instrumnet Name :	P8
Client Sample ID :	PB118809BL	Dilution Factor :	1
Date & Time Acquired ::	2019-04-16 16:24:01	DataFile Name :	023CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	90-1	358	275	358	331	14.55	cps
Zirconium	91-1	108	100	158	122	25.81	cps

LB Number : LB102143 Operator : Jaswal
 Lab Sample ID : PB118809BS Instrumnet Name : P8
 Client Sample ID : PB118809BS Dilution Factor : 1
 Date & Time Acquired :: 2019-04-16 16:27:32 DataFile Name : 024LCS6.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	149479	150358	147562	149133	0.96	cps
Antimony	121-1	2100812	2135707	2148725	2128415	1.16	cps
Arsenic	75-2	100052	100596	100169	100272	0.29	cps
Barium	135-1	2029134	2086058	2051298	2055497	1.40	cps
Barium	137-1	3570887	3529671	3591397	3563985	0.88	cps
Beryllium	9-1	141920	146964	145365	144750	1.78	cps
Bismuth	209-1	1685382	1756088	1727567	1723013	2.06	cps
Bismuth	209-2	1551009	1549993	1558848	1553283	0.31	cps
Boron	11-1	96039	99134	99052	98075	1.80	cps
Boron	10-1	17411	18480	17278	17723	3.72	cps
Cadmium	106-1	66197	67570	68944	67570	2.03	cps
Cadmium	108-1	38221	36997	37636	37618	1.63	cps
Cadmium	111-1	498105	496418	500949	498491	0.46	cps
Calcium	43-1	660644	659081	658833	659519	0.15	cps
Calcium	44-1	10561300	10626979	10612101	10600126	0.32	cps
Chromium	52-2	569902	569073	573969	570981	0.46	cps
Cobalt	59-2	978537	984201	997015	986584	0.96	cps
Copper	63-2	1547712	1535351	1554648	1545904	0.63	cps
Dysprosium	156-1	175	58	158	131	48.33	cps
Dysprosium	156-2	27	13	13	18	43.33	cps
Erbium	164-1	42	25	8	25	66.68	cps
Erbium	164-2	17	10	13	13	25.01	cps
Gadolinium	160-1	92	100	108	100	8.33	cps
Gadolinium	160-2	53	43	37	44	18.87	cps
Holmium	165-1	3195096	3214225	3170778	3193366	0.68	cps
Holmium	165-2	2252857	2280500	2236746	2256701	0.98	cps
Indium	115-1	3261387	3241998	3281804	3261730	0.61	cps
Indium	115-2	623982	618859	624976	622606	0.53	cps
Iron	56-2	21406466	21277259	21531752	21405159	0.59	cps
Iron	57-2	536002	535785	539682	537156	0.41	cps
Krypton	83-1	537	603	510	550	8.74	cps
Lead	207-1	733519	742092	749484	741698	1.08	cps
Lead	208-1	3315069	3372255	3381808	3356377	1.08	cps
Lead	206-1	808077	824431	818846	817118	1.02	cps
Lithium	6-1	134205	138417	140854	137825	2.44	cps
Magnesium	24-2	2478973	2471204	2498960	2483046	0.58	cps

LB Number :	LB102143	Operator :	Jaswal
Lab Sample ID :	PB118809BS	Instrumnet Name :	P8
Client Sample ID :	PB118809BS	Dilution Factor :	1
Date & Time Acquired ::	2019-04-16 16:27:32	DataFile Name :	024LCS6.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	490989	483425	490502	488305	0.87	cps
Molybdenum	94-1	3970072	3973499	4020093	3987888	0.70	cps
Molybdenum	95-1	4857440	4865219	4947114	4889924	1.02	cps
Molybdenum	96-1	5393618	5386469	5519342	5433143	1.38	cps
Molybdenum	97-1	2985915	2979457	3053113	3006162	1.36	cps
Molybdenum	98-1	7547014	7559967	7600807	7569263	0.37	cps
Neodymium	150-1	127	107	113	116	8.81	cps
Neodymium	150-2	10	10	13	11	17.30	cps
Nickel	60-2	276687	275816	278958	277154	0.59	cps
Phosphorus	31-2	14541	15134	14350	14675	2.79	cps
Potassium	39-2	1294517	1284127	1292613	1290419	0.43	cps
Rhodium	103-1	3228730	3204591	3268796	3234039	1.00	cps
Rhodium	103-2	1833670	1839511	1844704	1839295	0.30	cps
Scandium	45-1	2652946	2671656	2652352	2658985	0.41	cps
Scandium	45-2	73944	75103	73749	74265	0.99	cps
Selenium	77-2	1280	1280	1213	1258	3.06	cps
Selenium	78-2	4008	4177	4034	4073	2.23	cps
Selenium	82-1	38775	39066	39356	39066	0.74	cps
Silicon	28-1	4272616	4276654	4291514	4280261	0.23	cps
Silver	109-1	2274800	2246343	2281134	2267425	0.82	cps
Silver	107-1	2372341	2398554	2375744	2382213	0.60	cps
Sodium	23-2	5423893	5402709	5451355	5425986	0.45	cps
Strontium	86-1	648030	657811	661636	655826	1.07	cps
Strontium	88-1	5533248	5637810	5601419	5590825	0.95	cps
Sulfur	34-1	543564	540725	541680	541989	0.27	cps
Terbium	159-1	3455988	3402338	3425589	3427972	0.78	cps
Terbium	159-2	2280686	2221294	2245168	2249049	1.33	cps
Thallium	203-1	1023523	1040394	1029245	1031054	0.83	cps
Thallium	205-1	2478889	2479025	2496311	2484742	0.40	cps
Tin	118-1	1383002	1386804	1397649	1389152	0.55	cps
Titanium	47-1	1526467	1558150	1557526	1547381	1.17	cps
Uranium	238-1	2889949	2951192	2891854	2910998	1.20	cps
Vanadium	51-2	446592	443490	448744	446275	0.59	cps
Yttrium	89-1	3972361	4034978	4038374	4015238	0.93	cps
Yttrium	89-2	487288	494839	491552	491227	0.77	cps
Zinc	66-2	233559	233204	234303	233689	0.24	cps

LB Number :	LB102143	Operator :	Jaswal
Lab Sample ID :	PB118809BS	Instrumnet Name :	P8
Client Sample ID :	PB118809BS	Dilution Factor :	1
Date & Time Acquired ::	2019-04-16 16:27:32	DataFile Name :	024LCS6.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	90-1	3363628	3431401	3448693	3414574	1.32	cps
Zirconium	91-1	738591	749915	751769	746758	0.96	cps

LB Number :	LB102143	Operator :	Jaswal
Lab Sample ID :	K2234-02DLX20	Instrumnet Name :	P8
Client Sample ID :	SSSI-0401-S-DH-3DL	Dilution Factor :	20
Date & Time Acquired ::	2019-04-16 16:30:55	DataFile Name :	025SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	32756	33796	33648	33400	1.68	cps
Antimony	121-1	7494	6985	7661	7380	4.77	cps
Arsenic	75-2	1019	963	1024	1002	3.37	cps
Barium	135-1	282246	277527	277069	278947	1.03	cps
Barium	137-1	492900	475889	477203	481997	1.96	cps
Beryllium	9-1	107	80	123	103	21.16	cps
Bismuth	209-1	1741215	1718580	1676827	1712207	1.91	cps
Bismuth	209-2	1478418	1475514	1460362	1471431	0.66	cps
Boron	11-1	2725	2267	2284	2425	10.72	cps
Boron	10-1	483	475	575	511	10.86	cps
Cadmium	106-1	13766	13791	12757	13438	4.39	cps
Cadmium	108-1	129	129	125	128	1.88	cps
Cadmium	111-1	4257	4212	4043	4170	2.70	cps
Calcium	43-1	41582	41883	41104	41523	0.95	cps
Calcium	44-1	642563	646662	640027	643084	0.52	cps
Chromium	52-2	34015	34339	34169	34174	0.47	cps
Cobalt	59-2	7169	7025	7102	7099	1.01	cps
Copper	63-2	176158	177911	175683	176584	0.66	cps
Dysprosium	156-1	2567	2642	2634	2614	1.57	cps
Dysprosium	156-2	1190	1253	1333	1259	5.71	cps
Erbium	164-1	1483	1584	1500	1522	3.52	cps
Erbium	164-2	1033	927	1063	1008	7.13	cps
Gadolinium	160-1	1859	1792	1625	1759	6.84	cps
Gadolinium	160-2	1513	1433	1320	1422	6.83	cps
Holmium	165-1	3153254	3158635	3132102	3147997	0.45	cps
Holmium	165-2	2109042	2133949	2123047	2122013	0.59	cps
Indium	115-1	3344824	3283112	3202600	3276846	2.18	cps
Indium	115-2	614583	622127	616940	617883	0.62	cps
Iron	56-2	17652291	17671327	17696870	17673496	0.13	cps
Iron	57-2	443229	439432	445826	442829	0.73	cps
Krypton	83-1	577	493	543	538	7.80	cps
Lead	207-1	653719	650744	634233	646232	1.62	cps
Lead	208-1	3020938	2999335	2929001	2983092	1.61	cps
Lead	206-1	775022	770151	745438	763537	2.08	cps
Lithium	6-1	134004	130689	127205	130632	2.60	cps
Magnesium	24-2	33324	33440	33232	33332	0.31	cps

LB Number :	LB102143	Operator :	Jaswal
Lab Sample ID :	K2234-02DLX20	Instrumnet Name :	P8
Client Sample ID :	SSSI-0401-S-DH-3DL	Dilution Factor :	20
Date & Time Acquired ::	2019-04-16 16:30:55	DataFile Name :	025SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	79535	79357	79451	79448	0.11	cps
Molybdenum	94-1	6477	6152	6385	6338	2.65	cps
Molybdenum	95-1	3726	3717	3692	3712	0.47	cps
Molybdenum	96-1	5285	5043	4526	4951	7.83	cps
Molybdenum	97-1	2509	2459	2725	2564	5.53	cps
Molybdenum	98-1	6035	6027	5885	5982	1.41	cps
Neodymium	150-1	3541	3354	3067	3321	7.18	cps
Neodymium	150-2	1570	1377	1590	1512	7.79	cps
Nickel	60-2	10581	10741	10528	10616	1.05	cps
Phosphorus	31-2	1634	1542	1600	1592	2.92	cps
Potassium	39-2	30142	30209	30643	30331	0.90	cps
Rhodium	103-1	3346930	3335881	3304486	3329099	0.66	cps
Rhodium	103-2	1837622	1844523	1833616	1838587	0.30	cps
Scandium	45-1	2646043	2665113	2620680	2643945	0.84	cps
Scandium	45-2	72030	72814	72553	72466	0.55	cps
Selenium	77-2	0	13	3	6	124.93	cps
Selenium	78-2	31	30	22	28	17.64	cps
Selenium	82-1	-10	31	-5	5	416.06	cps
Silicon	28-1	4046099	4029058	4024836	4033331	0.28	cps
Silver	109-1	14317	14392	13616	14108	3.03	cps
Silver	107-1	14508	14825	15059	14798	1.87	cps
Sodium	23-2	22911	23203	22510	22875	1.52	cps
Strontium	86-1	32415	31295	30777	31496	2.66	cps
Strontium	88-1	264244	260241	264313	262933	0.89	cps
Sulfur	34-1	339144	335662	335705	336837	0.59	cps
Terbium	159-1	3444374	3387598	3352679	3394883	1.36	cps
Terbium	159-2	2119355	2131450	2104774	2118526	0.63	cps
Thallium	203-1	325	342	292	319	7.97	cps
Thallium	205-1	725	750	683	720	4.68	cps
Tin	118-1	76855	76377	74868	76033	1.36	cps
Titanium	47-1	40292	38897	38504	39231	2.40	cps
Uranium	238-1	1659	1625	1642	1642	1.02	cps
Vanadium	51-2	24321	24248	24138	24236	0.38	cps
Yttrium	89-1	4064316	3962912	4041089	4022772	1.32	cps
Yttrium	89-2	484035	477541	476996	479524	0.82	cps
Zinc	66-2	92711	92311	92768	92597	0.27	cps

LB Number :	LB102143	Operator :	Jaswal
Lab Sample ID :	K2234-02DLX20	Instrumnet Name :	P8
Client Sample ID :	SSSI-0401-S-DH-3DL	Dilution Factor :	20
Date & Time Acquired ::	2019-04-16 16:30:55	DataFile Name :	025SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	90-1	12765	11589	12181	12178	4.83	cps
Zirconium	91-1	2617	2700	2600	2639	2.03	cps

LB Number : LB102143 Operator : Jaswal
 Lab Sample ID : K2234-02DUPDLX20 Instrumnet Name : P8
 Client Sample ID : SSSI-0401-S-DH-3DUPE Dilution Factor : 20
 Date & Time Acquired :: 2019-04-16 16:34:27 DataFile Name : 026SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	32974	32889	33733	33199	1.40	cps
Antimony	121-1	6785	6902	6694	6794	1.54	cps
Arsenic	75-2	935	961	970	956	1.91	cps
Barium	135-1	268232	267925	270068	268742	0.43	cps
Barium	137-1	465983	465031	462137	464384	0.43	cps
Beryllium	9-1	43	83	50	59	36.39	cps
Bismuth	209-1	1612339	1608454	1618294	1613029	0.31	cps
Bismuth	209-2	1443850	1431972	1445573	1440465	0.51	cps
Boron	11-1	1725	1775	2034	1845	8.97	cps
Boron	10-1	450	375	217	347	34.31	cps
Cadmium	106-1	13432	13040	12807	13093	2.41	cps
Cadmium	108-1	158	183	188	176	8.94	cps
Cadmium	111-1	4259	4092	3870	4074	4.79	cps
Calcium	43-1	40197	40622	40238	40352	0.58	cps
Calcium	44-1	626679	628658	630847	628728	0.33	cps
Chromium	52-2	33838	34489	33801	34043	1.14	cps
Cobalt	59-2	7252	7195	7212	7220	0.40	cps
Copper	63-2	175051	174494	174448	174664	0.19	cps
Dysprosium	156-1	2367	2542	2442	2450	3.58	cps
Dysprosium	156-2	1197	1227	1043	1156	8.51	cps
Erbium	164-1	1317	1592	1650	1520	11.72	cps
Erbium	164-2	940	927	1080	982	8.65	cps
Gadolinium	160-1	1642	1759	1917	1772	7.79	cps
Gadolinium	160-2	1450	1240	1367	1352	7.82	cps
Holmium	165-1	3029491	3033707	3042501	3035233	0.22	cps
Holmium	165-2	2096556	2090059	2063623	2083412	0.84	cps
Indium	115-1	3157181	3166341	3137487	3153670	0.47	cps
Indium	115-2	606192	607848	596886	603642	0.98	cps
Iron	56-2	17584266	17620163	17617512	17607314	0.11	cps
Iron	57-2	439939	439479	441930	440449	0.30	cps
Krypton	83-1	487	500	537	508	5.10	cps
Lead	207-1	614210	623399	620595	619401	0.76	cps
Lead	208-1	2845574	2858529	2860807	2854970	0.29	cps
Lead	206-1	730037	731594	738151	733261	0.59	cps
Lithium	6-1	119545	120156	121204	120302	0.70	cps
Magnesium	24-2	32263	31327	33582	32391	3.50	cps

LB Number :	LB102143	Operator :	Jaswal
Lab Sample ID :	K2234-02DUPDLX20	Instrumnet Name :	P8
Client Sample ID :	SSSI-0401-S-DH-3DUPE	Dilution Factor :	20
Date & Time Acquired ::	2019-04-16 16:34:27	DataFile Name :	026SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	79140	79129	79602	79290	0.34	cps
Molybdenum	94-1	5943	5977	5735	5885	2.23	cps
Molybdenum	95-1	3942	3509	3551	3667	6.52	cps
Molybdenum	96-1	4601	4434	4443	4493	2.09	cps
Molybdenum	97-1	2059	2025	2125	2070	2.46	cps
Molybdenum	98-1	6077	5560	5593	5743	5.04	cps
Neodymium	150-1	3141	3341	3367	3283	3.77	cps
Neodymium	150-2	1597	1630	1463	1563	5.64	cps
Nickel	60-2	10871	10714	10814	10800	0.74	cps
Phosphorus	31-2	1725	1759	1675	1720	2.44	cps
Potassium	39-2	29757	29724	30075	29852	0.65	cps
Rhodium	103-1	3272599	3286118	3207174	3255297	1.30	cps
Rhodium	103-2	1820579	1826060	1777991	1808210	1.46	cps
Scandium	45-1	2555923	2602179	2616999	2591700	1.23	cps
Scandium	45-2	72807	71016	71568	71797	1.28	cps
Selenium	77-2	7	7	10	8	24.71	cps
Selenium	78-2	20	28	9	19	48.71	cps
Selenium	82-1	23	11	21	19	35.11	cps
Silicon	28-1	3971268	3982573	4045732	3999858	1.00	cps
Silver	109-1	13124	12823	13632	13193	3.10	cps
Silver	107-1	14533	13833	14024	14130	2.56	cps
Sodium	23-2	21617	21166	21742	21509	1.41	cps
Strontium	86-1	31429	30811	29992	30744	2.35	cps
Strontium	88-1	256259	256514	256842	256538	0.11	cps
Sulfur	34-1	336775	344499	341624	340966	1.14	cps
Terbium	159-1	3231863	3198581	3283158	3237867	1.32	cps
Terbium	159-2	2132893	2132743	2120344	2128660	0.34	cps
Thallium	203-1	358	267	333	319	14.83	cps
Thallium	205-1	558	600	550	569	4.70	cps
Tin	118-1	74542	74919	73561	74341	0.94	cps
Titanium	47-1	39022	39624	38028	38891	2.07	cps
Uranium	238-1	1442	1659	1667	1589	8.03	cps
Vanadium	51-2	23717	23827	23760	23768	0.23	cps
Yttrium	89-1	3933934	3900149	3912536	3915540	0.44	cps
Yttrium	89-2	474753	477084	465580	472472	1.29	cps
Zinc	66-2	92825	92439	91905	92390	0.50	cps

LB Number :	LB102143	Operator :	Jaswal
Lab Sample ID :	K2234-02DUPDLX20	Instrumnet Name :	P8
Client Sample ID :	SSSI-0401-S-DH-3DUPE	Dilution Factor :	20
Date & Time Acquired ::	2019-04-16 16:34:27	DataFile Name :	026SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	90-1	11764	11530	11405	11567	1.57	cps
Zirconium	91-1	2617	2509	2709	2611	3.83	cps

LB Number :	LB102143	Operator :	Jaswal
Lab Sample ID :	K2234-02LDLX100	Instrumnet Name :	P8
Client Sample ID :	SSSI-0401-S-DH-3LDL	Dilution Factor :	100
Date & Time Acquired ::	2019-04-16 16:37:58	DataFile Name :	027SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	6646	6268	6588	6501	3.13	cps
Antimony	121-1	1559	1533	1258	1450	11.48	cps
Arsenic	75-2	176	187	207	190	8.40	cps
Barium	135-1	51033	51024	52908	51655	2.10	cps
Barium	137-1	89964	87984	86894	88281	1.76	cps
Beryllium	9-1	33	27	37	32	15.80	cps
Bismuth	209-1	1592070	1602068	1644302	1612813	1.72	cps
Bismuth	209-2	1438254	1482578	1445466	1455433	1.63	cps
Boron	11-1	1175	1308	1150	1211	7.03	cps
Boron	10-1	208	308	167	228	31.96	cps
Cadmium	106-1	12690	12631	12431	12584	1.08	cps
Cadmium	108-1	96	50	33	60	54.20	cps
Cadmium	111-1	2798	2787	2771	2785	0.48	cps
Calcium	43-1	11999	12012	12286	12099	1.34	cps
Calcium	44-1	166769	166495	165578	166280	0.38	cps
Chromium	52-2	6865	6905	6979	6916	0.83	cps
Cobalt	59-2	1427	1500	1397	1441	3.69	cps
Copper	63-2	33748	33978	33464	33730	0.76	cps
Dysprosium	156-1	475	475	475	475	0.00	cps
Dysprosium	156-2	213	203	230	216	6.25	cps
Erbium	164-1	225	267	233	242	9.12	cps
Erbium	164-2	200	173	207	193	9.12	cps
Gadolinium	160-1	492	300	425	406	23.99	cps
Gadolinium	160-2	270	320	300	297	8.48	cps
Holmium	165-1	2979571	3037943	3049862	3022459	1.24	cps
Holmium	165-2	2084795	2118365	2135670	2112943	1.22	cps
Indium	115-1	3146245	3199214	3199504	3181655	0.96	cps
Indium	115-2	600478	618429	608804	609237	1.47	cps
Iron	56-2	3427541	3452845	3440107	3440164	0.37	cps
Iron	57-2	86272	85719	83215	85068	1.91	cps
Krypton	83-1	503	493	473	490	3.12	cps
Lead	207-1	119940	119077	118465	119161	0.62	cps
Lead	208-1	546113	542240	547894	545416	0.53	cps
Lead	206-1	141357	138716	141380	140484	1.09	cps
Lithium	6-1	123107	122352	125720	123727	1.43	cps
Magnesium	24-2	5993	6310	6293	6199	2.88	cps

LB Number :	LB102143	Operator :	Jaswal
Lab Sample ID :	K2234-02LDLX100	Instrumnet Name :	P8
Client Sample ID :	SSSI-0401-S-DH-3LDL	Dilution Factor :	100
Date & Time Acquired ::	2019-04-16 16:37:58	DataFile Name :	027SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	14985	14574	15589	15049	3.39	cps
Molybdenum	94-1	1250	1283	1158	1231	5.26	cps
Molybdenum	95-1	908	683	683	758	17.13	cps
Molybdenum	96-1	1158	1092	783	1011	19.79	cps
Molybdenum	97-1	425	467	400	431	7.82	cps
Molybdenum	98-1	875	1200	1217	1097	17.56	cps
Neodymium	150-1	700	667	527	631	14.57	cps
Neodymium	150-2	267	360	320	316	14.84	cps
Nickel	60-2	2120	2157	2044	2107	2.75	cps
Phosphorus	31-2	342	342	367	350	4.12	cps
Potassium	39-2	20516	20432	20716	20555	0.71	cps
Rhodium	103-1	3189401	3256168	3309518	3251696	1.85	cps
Rhodium	103-2	1791985	1851294	1834943	1826074	1.68	cps
Scandium	45-1	2584122	2634295	2613233	2610550	0.97	cps
Scandium	45-2	71434	75149	74473	73685	2.69	cps
Selenium	77-2	0	0	7	2	173.21	cps
Selenium	78-2	19	15	28	20	32.79	cps
Selenium	82-1	-26	-13	-3	-14	-81.56	cps
Silicon	28-1	3510752	3501334	3478968	3497018	0.47	cps
Silver	109-1	2684	2767	2542	2664	4.27	cps
Silver	107-1	2734	2675	3159	2856	9.24	cps
Sodium	23-2	13882	13941	13699	13841	0.91	cps
Strontium	86-1	6835	6535	6860	6744	2.68	cps
Strontium	88-1	49190	49708	49726	49541	0.61	cps
Sulfur	34-1	339848	344683	341697	342076	0.71	cps
Terbium	159-1	3245621	3255547	3273286	3258151	0.43	cps
Terbium	159-2	2120542	2134379	2131619	2128847	0.34	cps
Thallium	203-1	258	175	175	203	23.73	cps
Thallium	205-1	533	350	458	447	20.61	cps
Tin	118-1	13641	14275	13858	13925	2.31	cps
Titanium	47-1	20032	20040	20716	20263	1.94	cps
Uranium	238-1	358	275	225	286	23.54	cps
Vanadium	51-2	4954	4834	4858	4882	1.30	cps
Yttrium	89-1	3852362	3976759	3977362	3935494	1.83	cps
Yttrium	89-2	467297	485274	474810	475794	1.90	cps
Zinc	66-2	18059	18286	18132	18159	0.64	cps

LB Number :	LB102143	Operator :	Jaswal
Lab Sample ID :	K2234-02LDLX100	Instrumnet Name :	P8
Client Sample ID :	SSSI-0401-S-DH-3LDL	Dilution Factor :	100
Date & Time Acquired ::	2019-04-16 16:37:58	DataFile Name :	027SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	90-1	2384	2584	2592	2520	4.68	cps
Zirconium	91-1	492	575	533	533	7.81	cps

LB Number : LB102143 Operator : Jaswal
 Lab Sample ID : K2234-02MSDLX20 Instrumnet Name : P8
 Client Sample ID : SSSI-0401-S-DH-3MSDL Dilution Factor : 20
 Date & Time Acquired :: 2019-04-16 16:41:30 DataFile Name : 028SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	38960	38519	38722	38734	0.57	cps
Antimony	121-1	100956	101107	100250	100771	0.45	cps
Arsenic	75-2	5631	5381	5503	5505	2.27	cps
Barium	135-1	345363	348299	344907	346190	0.53	cps
Barium	137-1	595372	597839	594081	595764	0.32	cps
Beryllium	9-1	6555	6592	7095	6747	4.47	cps
Bismuth	209-1	1582943	1583503	1556980	1574475	0.96	cps
Bismuth	209-2	1427088	1422230	1448066	1432461	0.96	cps
Boron	11-1	5518	5735	5902	5718	3.36	cps
Boron	10-1	958	958	1033	983	4.40	cps
Cadmium	106-1	15969	15760	15643	15790	1.04	cps
Cadmium	108-1	1829	1875	1834	1846	1.37	cps
Cadmium	111-1	27125	26757	27067	26983	0.73	cps
Calcium	43-1	68419	68610	67052	68027	1.25	cps
Calcium	44-1	1085433	1086461	1077805	1083233	0.44	cps
Chromium	52-2	58800	59503	58502	58935	0.87	cps
Cobalt	59-2	53817	54416	55296	54510	1.36	cps
Copper	63-2	235696	235653	234472	235274	0.30	cps
Dysprosium	156-1	2425	2117	2509	2350	8.78	cps
Dysprosium	156-2	1187	1117	1123	1142	3.38	cps
Erbium	164-1	1367	1417	1559	1447	6.87	cps
Erbium	164-2	863	923	857	881	4.17	cps
Gadolinium	160-1	1600	1817	1467	1628	10.85	cps
Gadolinium	160-2	1250	1363	1260	1291	4.86	cps
Holmium	165-1	2996721	2958752	2995673	2983715	0.72	cps
Holmium	165-2	2098722	2120144	2097801	2105556	0.60	cps
Indium	115-1	3137155	3155412	3117168	3136578	0.61	cps
Indium	115-2	593089	605939	618935	605987	2.13	cps
Iron	56-2	17584715	17537361	17591165	17571080	0.17	cps
Iron	57-2	443936	445339	445760	445012	0.21	cps
Krypton	83-1	483	603	557	548	11.04	cps
Lead	207-1	612712	614973	600673	609452	1.26	cps
Lead	208-1	2846810	2837640	2785538	2823329	1.17	cps
Lead	206-1	728960	719567	718533	722353	0.80	cps
Lithium	6-1	126047	127955	125289	126430	1.09	cps
Magnesium	24-2	140691	144429	140784	141968	1.50	cps

LB Number : LB102143 Operator : Jaswal
 Lab Sample ID : K2234-02MSDLX20 Instrumnet Name : P8
 Client Sample ID : SSSI-0401-S-DH-3MSDL Dilution Factor : 20
 Date & Time Acquired :: 2019-04-16 16:41:30 DataFile Name : 028SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	98713	98498	98293	98501	0.21	cps
Molybdenum	94-1	194724	193453	194584	194253	0.36	cps
Molybdenum	95-1	237761	234985	238464	237070	0.78	cps
Molybdenum	96-1	264023	262341	261591	262652	0.47	cps
Molybdenum	97-1	146770	149602	146374	147582	1.19	cps
Molybdenum	98-1	370913	376199	375631	374248	0.78	cps
Neodymium	150-1	3201	3067	2947	3072	4.13	cps
Neodymium	150-2	1433	1523	1470	1476	3.07	cps
Nickel	60-2	23280	23183	23250	23237	0.21	cps
Phosphorus	31-2	1667	1592	1592	1617	2.68	cps
Potassium	39-2	86348	86323	87581	86751	0.83	cps
Rhodium	103-1	3213396	3195182	3161091	3189890	0.83	cps
Rhodium	103-2	1779243	1774514	1872492	1808750	3.05	cps
Scandium	45-1	2580858	2593109	2594473	2589480	0.29	cps
Scandium	45-2	70610	72221	75077	72636	3.11	cps
Selenium	77-2	113	50	80	81	39.06	cps
Selenium	78-2	209	209	228	215	4.96	cps
Selenium	82-1	1833	1756	1794	1794	2.14	cps
Silicon	28-1	4016980	4037061	4024217	4026086	0.25	cps
Silver	109-1	112881	112417	112410	112569	0.24	cps
Silver	107-1	119519	120771	121067	120452	0.68	cps
Sodium	23-2	271699	268638	270563	270300	0.57	cps
Strontium	86-1	59891	59957	61062	60304	1.09	cps
Strontium	88-1	505487	505681	510380	507182	0.55	cps
Sulfur	34-1	354547	357595	353982	355375	0.55	cps
Terbium	159-1	3201780	3178951	3188180	3189637	0.36	cps
Terbium	159-2	2083823	2091572	2179184	2118193	2.50	cps
Thallium	203-1	45407	45767	46720	45965	1.48	cps
Thallium	205-1	109126	108369	109632	109042	0.58	cps
Tin	118-1	133923	135296	132215	133811	1.15	cps
Titanium	47-1	108576	109417	108737	108910	0.41	cps
Uranium	238-1	126445	123856	124361	124887	1.10	cps
Vanadium	51-2	43441	43507	43681	43543	0.29	cps
Yttrium	89-1	3817438	3905754	3899137	3874110	1.27	cps
Yttrium	89-2	467327	469383	490460	475723	2.69	cps
Zinc	66-2	99017	99562	98789	99122	0.40	cps

LB Number :	LB102143	Operator :	Jaswal
Lab Sample ID :	K2234-02MSDLX20	Instrumnet Name :	P8
Client Sample ID :	SSSI-0401-S-DH-3MSDL	Dilution Factor :	20
Date & Time Acquired ::	2019-04-16 16:41:30	DataFile Name :	028SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	90-1	167091	170253	169749	169031	1.01	cps
Zirconium	91-1	36584	36876	37796	37085	1.71	cps

LB Number : LB102143 Operator : Jaswal
 Lab Sample ID : K2234-02MSDDLX20 Instrumnet Name : P8
 Client Sample ID : SSSI-0401-S-DH-3MSDE Dilution Factor : 20
 Date & Time Acquired :: 2019-04-16 16:45:02 DataFile Name : 029SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	38477	37850	38795	38374	1.25	cps
Antimony	121-1	101785	100007	99889	100560	1.06	cps
Arsenic	75-2	5473	5442	5575	5497	1.27	cps
Barium	135-1	348667	343013	343521	345067	0.91	cps
Barium	137-1	591355	590975	592877	591736	0.17	cps
Beryllium	9-1	6432	6588	6632	6550	1.61	cps
Bismuth	209-1	1436810	1555213	1557333	1516452	4.55	cps
Bismuth	209-2	1407325	1382728	1368958	1386337	1.40	cps
Boron	11-1	5985	5710	5943	5879	2.52	cps
Boron	10-1	992	1042	933	989	5.48	cps
Cadmium	106-1	13733	15668	15459	14953	7.10	cps
Cadmium	108-1	1892	1879	1925	1899	1.25	cps
Cadmium	111-1	26661	27214	26691	26855	1.16	cps
Calcium	43-1	67491	67256	66476	67075	0.79	cps
Calcium	44-1	1087852	1059526	1060830	1069403	1.50	cps
Chromium	52-2	58295	58010	59141	58482	1.01	cps
Cobalt	59-2	54342	53700	53814	53952	0.64	cps
Copper	63-2	233836	234063	232465	233455	0.37	cps
Dysprosium	156-1	2584	2575	2517	2559	1.42	cps
Dysprosium	156-2	1227	1137	1150	1171	4.15	cps
Erbium	164-1	1158	1442	1258	1286	11.17	cps
Erbium	164-2	910	820	930	887	6.61	cps
Gadolinium	160-1	1842	1634	1550	1675	8.97	cps
Gadolinium	160-2	1193	1220	1220	1211	1.27	cps
Holmium	165-1	2663522	2938520	2950556	2850866	5.69	cps
Holmium	165-2	2040337	2028086	2017336	2028586	0.57	cps
Indium	115-1	2821003	3086877	3134464	3014115	5.60	cps
Indium	115-2	589556	588561	591718	589945	0.27	cps
Iron	56-2	17488687	17444835	17564637	17499386	0.35	cps
Iron	57-2	440917	434127	437559	437534	0.78	cps
Krypton	83-1	503	627	473	534	15.21	cps
Lead	207-1	610621	605012	599543	605058	0.92	cps
Lead	208-1	2808632	2780548	2781183	2790121	0.57	cps
Lead	206-1	721973	715531	710642	716049	0.79	cps
Lithium	6-1	118043	128472	126684	124400	4.48	cps
Magnesium	24-2	141272	143342	141785	142133	0.76	cps

LB Number :	LB102143	Operator :	Jaswal
Lab Sample ID :	K2234-02MSDDLX20	Instrumnet Name :	P8
Client Sample ID :	SSSI-0401-S-DH-3MSDE	Dilution Factor :	20
Date & Time Acquired ::	2019-04-16 16:45:02	DataFile Name :	029SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	97202	97078	97709	97329	0.34	cps
Molybdenum	94-1	195599	192650	194595	194281	0.77	cps
Molybdenum	95-1	241026	236472	235296	237598	1.27	cps
Molybdenum	96-1	266679	260933	257608	261740	1.75	cps
Molybdenum	97-1	146764	144446	143050	144753	1.30	cps
Molybdenum	98-1	374795	369661	373282	372579	0.71	cps
Neodymium	150-1	2867	3060	3061	2996	3.73	cps
Neodymium	150-2	1427	1490	1467	1461	2.19	cps
Nickel	60-2	23326	23600	23280	23402	0.74	cps
Phosphorus	31-2	1642	1583	1425	1550	7.23	cps
Potassium	39-2	85913	86214	86431	86186	0.30	cps
Rhodium	103-1	2831551	3177307	3180382	3063080	6.55	cps
Rhodium	103-2	1750439	1754619	1761489	1755516	0.32	cps
Scandium	45-1	2318866	2524452	2547446	2463588	5.11	cps
Scandium	45-2	71595	71028	71930	71518	0.64	cps
Selenium	77-2	53	67	87	69	24.36	cps
Selenium	78-2	185	207	207	200	6.41	cps
Selenium	82-1	1729	1680	1924	1778	7.28	cps
Silicon	28-1	4018132	4044549	4014634	4025772	0.41	cps
Silver	109-1	115123	113425	111821	113457	1.46	cps
Silver	107-1	120335	117427	118148	118637	1.28	cps
Sodium	23-2	268517	267067	269155	268246	0.40	cps
Strontium	86-1	58635	58343	59112	58697	0.66	cps
Strontium	88-1	503966	500908	493247	499374	1.11	cps
Sulfur	34-1	353490	359269	356900	356553	0.81	cps
Terbium	159-1	2823609	3204726	3135015	3054450	6.64	cps
Terbium	159-2	2051886	2055166	2032755	2046602	0.59	cps
Thallium	203-1	46929	46277	46102	46436	0.94	cps
Thallium	205-1	109847	108369	107990	108736	0.90	cps
Tin	118-1	134034	130668	131558	132087	1.32	cps
Titanium	47-1	107865	109930	107649	108482	1.16	cps
Uranium	238-1	122256	121875	121289	121807	0.40	cps
Vanadium	51-2	43471	43407	43441	43440	0.07	cps
Yttrium	89-1	3453159	3883296	3861119	3732525	6.49	cps
Yttrium	89-2	461952	460847	456824	459875	0.59	cps
Zinc	66-2	100205	96899	98534	98546	1.68	cps

LB Number :	LB102143	Operator :	Jaswal
Lab Sample ID :	K2234-02MSDDLX20	Instrumnet Name :	P8
Client Sample ID :	SSSI-0401-S-DH-3MSDL	Dilution Factor :	20
Date & Time Acquired ::	2019-04-16 16:45:02	DataFile Name :	029SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	90-1	168394	167841	166778	167671	0.49	cps
Zirconium	91-1	37753	37754	37177	37561	0.89	cps

LB Number :	LB102143	Operator :	Jaswal
Lab Sample ID :	K2234-02ADLX20	Instrumnet Name :	P8
Client Sample ID :	SSSI-0401-S-DH-3ADL	Dilution Factor :	20
Date & Time Acquired ::	2019-04-16 16:48:34	DataFile Name :	030SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	37288	37401	37516	37402	0.30	cps
Antimony	121-1	96281	97556	97379	97072	0.71	cps
Arsenic	75-2	5503	5379	5299	5394	1.90	cps
Barium	135-1	327181	335540	331417	331379	1.26	cps
Barium	137-1	569831	578381	577356	575190	0.81	cps
Beryllium	9-1	6215	6572	6342	6376	2.84	cps
Bismuth	209-1	1585031	1497276	1536287	1539531	2.86	cps
Bismuth	209-2	1376421	1369234	1381996	1375884	0.46	cps
Boron	11-1	5418	5635	5451	5501	2.12	cps
Boron	10-1	875	1092	917	961	11.96	cps
Cadmium	106-1	15334	14458	14959	14917	2.95	cps
Cadmium	108-1	1879	1871	1892	1881	0.56	cps
Cadmium	111-1	25694	25442	26051	25729	1.19	cps
Calcium	43-1	65729	66289	66165	66061	0.44	cps
Calcium	44-1	1031648	1051671	1047854	1043724	1.02	cps
Chromium	52-2	56822	57280	57012	57038	0.40	cps
Cobalt	59-2	52151	51783	52080	52005	0.38	cps
Copper	63-2	227519	229410	226001	227643	0.75	cps
Dysprosium	156-1	2000	2167	2234	2134	5.63	cps
Dysprosium	156-2	1197	1133	1017	1116	8.18	cps
Erbium	164-1	1200	1542	1417	1386	12.47	cps
Erbium	164-2	860	867	853	860	0.77	cps
Gadolinium	160-1	1458	1534	1567	1520	3.65	cps
Gadolinium	160-2	1207	1183	1240	1210	2.35	cps
Holmium	165-1	2964229	2882149	2907976	2918118	1.44	cps
Holmium	165-2	2039586	2009570	2022241	2023799	0.74	cps
Indium	115-1	3190094	3027510	3082128	3099911	2.67	cps
Indium	115-2	586438	587161	586273	586624	0.08	cps
Iron	56-2	17332231	17293433	17316909	17314191	0.11	cps
Iron	57-2	431005	427681	433629	430771	0.69	cps
Krypton	83-1	510	497	580	529	8.46	cps
Lead	207-1	583666	582831	585732	584077	0.26	cps
Lead	208-1	2690717	2700984	2688957	2693553	0.24	cps
Lead	206-1	688924	687818	692493	689745	0.35	cps
Lithium	6-1	131581	128334	124839	128251	2.63	cps
Magnesium	24-2	138452	140437	140867	139919	0.92	cps

LB Number :	LB102143	Operator :	Jaswal
Lab Sample ID :	K2234-02ADLX20	Instrumnet Name :	P8
Client Sample ID :	SSSI-0401-S-DH-3ADL	Dilution Factor :	20
Date & Time Acquired ::	2019-04-16 16:48:34	DataFile Name :	030SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	95938	94823	95951	95570	0.68	cps
Molybdenum	94-1	188788	188805	185003	187532	1.17	cps
Molybdenum	95-1	224329	227851	226049	226076	0.78	cps
Molybdenum	96-1	252964	251878	252209	252350	0.22	cps
Molybdenum	97-1	140414	140641	139059	140038	0.61	cps
Molybdenum	98-1	357080	357996	356035	357037	0.27	cps
Neodymium	150-1	2760	2940	2847	2849	3.16	cps
Neodymium	150-2	1403	1400	1313	1372	3.72	cps
Nickel	60-2	22415	22225	22632	22424	0.91	cps
Phosphorus	31-2	1550	1617	1642	1603	2.96	cps
Potassium	39-2	83715	83188	84520	83808	0.80	cps
Rhodium	103-1	3227202	3060777	3185404	3157794	2.74	cps
Rhodium	103-2	1761457	1771200	1747914	1760190	0.66	cps
Scandium	45-1	2599050	2509959	2586984	2565331	1.88	cps
Scandium	45-2	71076	70918	71916	71303	0.75	cps
Selenium	77-2	53	60	60	58	6.67	cps
Selenium	78-2	191	194	167	184	8.20	cps
Selenium	82-1	1631	1779	1695	1702	4.36	cps
Silicon	28-1	4055285	4031969	4025982	4037745	0.38	cps
Silver	109-1	107882	108738	106966	107862	0.82	cps
Silver	107-1	115064	114180	114761	114669	0.39	cps
Sodium	23-2	266865	265335	266158	266119	0.29	cps
Strontium	86-1	56543	58518	57171	57411	1.76	cps
Strontium	88-1	485785	485443	485687	485638	0.04	cps
Sulfur	34-1	362879	359221	359275	360459	0.58	cps
Terbium	159-1	3188465	3000884	3149956	3113102	3.18	cps
Terbium	159-2	2020048	2028964	2028089	2025700	0.24	cps
Thallium	203-1	42698	44822	44412	43977	2.56	cps
Thallium	205-1	103679	104210	105587	104492	0.94	cps
Tin	118-1	124500	128977	127000	126826	1.77	cps
Titanium	47-1	105101	106066	105218	105462	0.50	cps
Uranium	238-1	117511	119329	118672	118504	0.78	cps
Vanadium	51-2	42230	41950	42344	42175	0.48	cps
Yttrium	89-1	3926753	3811045	3847662	3861820	1.53	cps
Yttrium	89-2	465549	461581	461324	462818	0.51	cps
Zinc	66-2	97942	96335	94986	96421	1.53	cps

LB Number :	LB102143	Operator :	Jaswal
Lab Sample ID :	K2234-02ADLX20	Instrumnet Name :	P8
Client Sample ID :	SSSI-0401-S-DH-3ADL	Dilution Factor :	20
Date & Time Acquired ::	2019-04-16 16:48:34	DataFile Name :	030SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	90-1	161742	163313	163649	162901	0.63	cps
Zirconium	91-1	33985	37227	35264	35492	4.60	cps

LB Number :	LB102143	Operator :	Jaswal
Lab Sample ID :	CCV80	Instrumnet Name :	P8
Client Sample ID :	CCV80	Dilution Factor :	1
Date & Time Acquired ::	2019-04-16 16:52:05	DataFile Name :	031CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	824408	832923	833447	830259	0.61	cps
Antimony	121-1	2060200	2077147	2111973	2083107	1.27	cps
Arsenic	75-2	98494	98722	98774	98663	0.15	cps
Barium	135-1	2004821	2020884	2041989	2022565	0.92	cps
Barium	137-1	3469006	3547020	3539463	3518496	1.22	cps
Beryllium	9-1	175008	174804	178157	175990	1.07	cps
Bismuth	209-1	1602582	1622386	1638750	1621239	1.12	cps
Bismuth	209-2	1468918	1445463	1447049	1453810	0.90	cps
Boron	11-1	113013	120103	120202	117773	3.50	cps
Boron	10-1	21300	22410	21650	21787	2.60	cps
Cadmium	106-1	64899	64949	67042	65630	1.86	cps
Cadmium	108-1	37231	36287	36216	36578	1.55	cps
Cadmium	111-1	481569	482614	480165	481450	0.26	cps
Calcium	43-1	3220150	3253701	3303858	3259236	1.29	cps
Calcium	44-1	51543298	52453569	52655751	52217539	1.13	cps
Chromium	52-2	564016	566753	570599	567123	0.58	cps
Cobalt	59-2	976152	980168	979388	978569	0.22	cps
Copper	63-2	1464139	1468491	1454854	1462495	0.48	cps
Dysprosium	156-1	133	175	158	156	13.48	cps
Dysprosium	156-2	23	20	20	21	9.11	cps
Erbium	164-1	33	33	42	36	13.33	cps
Erbium	164-2	7	3	17	9	78.08	cps
Gadolinium	160-1	83	75	83	81	5.98	cps
Gadolinium	160-2	40	53	27	40	33.33	cps
Holmium	165-1	3198969	3171420	3191266	3187218	0.45	cps
Holmium	165-2	2190265	2198733	2202844	2197281	0.29	cps
Indium	115-1	3201623	3181364	3233631	3205540	0.82	cps
Indium	115-2	609845	608542	606945	608444	0.24	cps
Iron	56-2	108489269	107581614	107436450	107835777	0.53	cps
Iron	57-2	2713857	2742758	2741458	2732691	0.60	cps
Krypton	83-1	660	557	543	587	10.89	cps
Lead	207-1	710248	708820	708293	709121	0.14	cps
Lead	208-1	3190560	3201131	3188267	3193319	0.21	cps
Lead	206-1	785264	782224	786568	784685	0.28	cps
Lithium	6-1	170265	179481	182604	177450	3.62	cps
Magnesium	24-2	11977391	12265968	12030646	12091335	1.27	cps

LB Number :	LB102143	Operator :	Jaswal
Lab Sample ID :	CCV80	Instrumnet Name :	P8
Client Sample ID :	CCV80	Dilution Factor :	1
Date & Time Acquired ::	2019-04-16 16:52:05	DataFile Name :	031CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	483420	478273	480968	480887	0.54	cps
Molybdenum	94-1	3935867	3969718	3966051	3957212	0.47	cps
Molybdenum	95-1	4791249	4860007	4828890	4826715	0.71	cps
Molybdenum	96-1	5441361	5346886	5368000	5385416	0.92	cps
Molybdenum	97-1	2945048	3031128	2963332	2979836	1.52	cps
Molybdenum	98-1	7434787	7608618	7497454	7513620	1.17	cps
Neodymium	150-1	120	160	147	142	14.32	cps
Neodymium	150-2	13	27	27	22	34.66	cps
Nickel	60-2	269155	270220	268618	269331	0.30	cps
Phosphorus	31-2	14675	14959	14333	14655	2.14	cps
Potassium	39-2	6165475	6222219	6295500	6227732	1.05	cps
Rhodium	103-1	3125371	3252304	3187249	3188308	1.99	cps
Rhodium	103-2	1780518	1779778	1752155	1770817	0.91	cps
Scandium	45-1	2713068	2710206	2767559	2730278	1.18	cps
Scandium	45-2	74801	74214	75019	74678	0.56	cps
Selenium	77-2	1117	1290	1137	1181	8.03	cps
Selenium	78-2	4153	4002	4251	4135	3.02	cps
Selenium	82-1	37729	38071	38118	37973	0.56	cps
Silicon	28-1	4381861	4444437	4498734	4441677	1.32	cps
Silver	109-1	2184713	2160790	2173860	2173121	0.55	cps
Silver	107-1	2261844	2294761	2291576	2282727	0.80	cps
Sodium	23-2	26819817	27029787	27228560	27026055	0.76	cps
Strontium	86-1	641639	642307	646700	643549	0.43	cps
Strontium	88-1	5484548	5556529	5511883	5517653	0.66	cps
Sulfur	34-1	571465	569610	570195	570424	0.17	cps
Terbium	159-1	3407480	3321773	3397481	3375578	1.39	cps
Terbium	159-2	2237581	2183327	2213961	2211623	1.23	cps
Thallium	203-1	993818	995995	998145	995986	0.22	cps
Thallium	205-1	2412407	2399087	2384928	2398808	0.57	cps
Tin	118-1	1357685	1343986	1358086	1353252	0.59	cps
Titanium	47-1	1541354	1580762	1566811	1562976	1.28	cps
Uranium	238-1	2843681	2896056	2879814	2873183	0.93	cps
Vanadium	51-2	448772	445328	452054	448718	0.75	cps
Yttrium	89-1	4055938	4050888	4011235	4039354	0.61	cps
Yttrium	89-2	484474	484929	486215	485206	0.19	cps
Zinc	66-2	223695	224769	227125	225197	0.78	cps

LB Number :	LB102143	Operator :	Jaswal
Lab Sample ID :	CCV80	Instrumnet Name :	P8
Client Sample ID :	CCV80	Dilution Factor :	1
Date & Time Acquired ::	2019-04-16 16:52:05	DataFile Name :	031CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	90-1	3397576	3396190	3394129	3395965	0.05	cps
Zirconium	91-1	739787	741022	733853	738221	0.52	cps

LB Number :	LB102143	Operator :	Jaswal
Lab Sample ID :	CCB80	Instrumnet Name :	P8
Client Sample ID :	CCB80	Dilution Factor :	1
Date & Time Acquired ::	2019-04-16 17:04:48	DataFile Name :	032CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	78	65	68	70	9.45	cps
Antimony	121-1	125	117	183	142	25.64	cps
Arsenic	75-2	4	6	13	7	66.14	cps
Barium	135-1	33	17	25	25	33.32	cps
Barium	137-1	58	58	58	58	0.00	cps
Beryllium	9-1	23	23	37	28	27.73	cps
Bismuth	209-1	1441818	1418424	1407936	1422726	1.22	cps
Bismuth	209-2	1215425	1225789	1214969	1218728	0.50	cps
Boron	11-1	1725	1625	1775	1709	4.47	cps
Boron	10-1	292	375	308	325	13.57	cps
Cadmium	106-1	11714	11597	11489	11600	0.97	cps
Cadmium	108-1	29	58	33	40	39.17	cps
Cadmium	111-1	2362	2329	2320	2337	0.94	cps
Calcium	43-1	5681	5444	5381	5502	2.87	cps
Calcium	44-1	56958	56135	55603	56232	1.21	cps
Chromium	52-2	390	440	487	439	11.01	cps
Cobalt	59-2	80	73	67	73	9.09	cps
Copper	63-2	463	523	547	511	8.41	cps
Dysprosium	156-1	33	0	8	14	124.91	cps
Dysprosium	156-2	0	3	0	1	173.21	cps
Erbium	164-1	33	8	8	17	86.62	cps
Erbium	164-2	3	13	0	6	124.93	cps
Gadolinium	160-1	75	67	83	75	11.11	cps
Gadolinium	160-2	43	10	40	31	59.01	cps
Holmium	165-1	2734711	2702893	2691702	2709768	0.82	cps
Holmium	165-2	1841734	1865810	1857007	1854850	0.66	cps
Indium	115-1	2933228	2983586	2957109	2957974	0.85	cps
Indium	115-2	544802	551510	551260	549191	0.69	cps
Iron	56-2	1222	1378	1367	1322	6.56	cps
Iron	57-2	178	239	300	239	25.58	cps
Krypton	83-1	497	447	430	458	7.58	cps
Lead	207-1	378	511	361	417	19.73	cps
Lead	208-1	1911	1850	1778	1846	3.61	cps
Lead	206-1	572	444	439	485	15.55	cps
Lithium	6-1	174464	184654	186199	181772	3.51	cps
Magnesium	24-2	108	83	42	78	43.30	cps

LB Number :	LB102143	Operator :	Jaswal
Lab Sample ID :	CCB80	Instrumnet Name :	P8
Client Sample ID :	CCB80	Dilution Factor :	1
Date & Time Acquired ::	2019-04-16 17:04:48	DataFile Name :	032CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	13	17	10	13	25.01	cps
Molybdenum	94-1	142	108	192	147	28.49	cps
Molybdenum	95-1	75	92	50	72	29.04	cps
Molybdenum	96-1	92	58	58	69	27.71	cps
Molybdenum	97-1	67	108	67	81	29.86	cps
Molybdenum	98-1	83	58	75	72	17.62	cps
Neodymium	150-1	20	0	7	9	114.55	cps
Neodymium	150-2	0	3	0	1	173.21	cps
Nickel	60-2	10	10	33	18	75.77	cps
Phosphorus	31-2	33	33	33	33	0.02	cps
Potassium	39-2	19047	18087	18321	18485	2.71	cps
Rhodium	103-1	2977918	3017461	2923061	2972813	1.59	cps
Rhodium	103-2	1657505	1653567	1680597	1663890	0.88	cps
Scandium	45-1	2554810	2541555	2518251	2538205	0.73	cps
Scandium	45-2	68834	68506	68771	68704	0.25	cps
Selenium	77-2	0	0	0	0	0.00	cps
Selenium	78-2	20	15	7	14	45.80	cps
Selenium	82-1	-14	-48	30	-10	-375.71	cps
Silicon	28-1	3426410	3441834	3460487	3442910	0.50	cps
Silver	109-1	250	267	208	242	12.43	cps
Silver	107-1	208	292	333	278	22.91	cps
Sodium	23-2	15234	14850	14533	14872	2.36	cps
Strontium	86-1	808	833	617	753	15.75	cps
Strontium	88-1	67	75	75	72	6.66	cps
Sulfur	34-1	374104	377316	382617	378012	1.14	cps
Terbium	159-1	2890035	2858295	2880596	2876309	0.57	cps
Terbium	159-2	1867084	1874484	1859950	1867173	0.39	cps
Thallium	203-1	108	133	142	128	13.57	cps
Thallium	205-1	492	308	475	425	23.85	cps
Tin	118-1	342	333	275	317	11.47	cps
Titanium	47-1	15326	15234	14925	15162	1.38	cps
Uranium	238-1	33	50	33	39	24.75	cps
Vanadium	51-2	63	57	60	60	5.55	cps
Yttrium	89-1	3623602	3548325	3573148	3581692	1.07	cps
Yttrium	89-2	430730	431544	436346	432873	0.70	cps
Zinc	66-2	157	213	210	193	16.45	cps

LB Number :	LB102143	Operator :	Jaswal
Lab Sample ID :	CCB80	Instrumnet Name :	P8
Client Sample ID :	CCB80	Dilution Factor :	1
Date & Time Acquired ::	2019-04-16 17:04:48	DataFile Name :	032CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	90-1	333	325	200	286	26.11	cps
Zirconium	91-1	92	75	100	89	14.33	cps

LB Number :	LB102143	Operator :	Jaswal
Lab Sample ID :	K2234-02	Instrumnet Name :	P8
Client Sample ID :	SSSI-0401-S-DH-3	Dilution Factor :	1
Date & Time Acquired ::	2019-04-16 17:08:20	DataFile Name :	033SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	600359	601315	595765	599146	0.50	cps
Antimony	121-1	113277	110396	114481	112718	1.86	cps
Arsenic	75-2	17467	17144	17140	17250	1.09	cps
Barium	135-1	4529120	4463366	4538836	4510441	0.91	cps
Barium	137-1	7765050	7677991	7708522	7717187	0.57	cps
Beryllium	9-1	1090	993	953	1012	6.94	cps
Bismuth	209-1	1332768	1337283	1332384	1334145	0.20	cps
Bismuth	209-2	1184531	1166113	1151922	1167522	1.40	cps
Boron	11-1	9395	9987	9987	9790	3.49	cps
Boron	10-1	2150	1809	1917	1959	8.92	cps
Cadmium	106-1	15935	15218	15435	15529	2.37	cps
Cadmium	108-1	1942	2234	1979	2052	7.74	cps
Cadmium	111-1	27042	27278	27335	27218	0.57	cps
Calcium	43-1	641499	642791	639310	641200	0.27	cps
Calcium	44-1	10332516	10383692	10313569	10343259	0.35	cps
Chromium	52-2	601150	597812	592519	597160	0.73	cps
Cobalt	59-2	125691	125338	127195	126075	0.78	cps
Copper	63-2	3075474	3119987	3091402	3095621	0.73	cps
Dysprosium	156-1	41375	39278	40514	40389	2.61	cps
Dysprosium	156-2	20002	19752	19959	19904	0.67	cps
Erbium	164-1	23831	24716	24207	24251	1.83	cps
Erbium	164-2	16033	15516	15436	15662	2.07	cps
Gadolinium	160-1	28165	29075	28189	28477	1.82	cps
Gadolinium	160-2	20957	21217	21565	21246	1.43	cps
Holmium	165-1	2591905	2606712	2584951	2594522	0.43	cps
Holmium	165-2	1763697	1763504	1747383	1758194	0.53	cps
Indium	115-1	2746751	2714124	2751249	2737375	0.74	cps
Indium	115-2	519596	512235	508594	513475	1.09	cps
Iron	56-2	311427351	306603596	310015618	309348855	0.80	cps
Iron	57-2	7579389	7779914	7872172	7743825	1.93	cps
Krypton	83-1	497	533	517	516	3.56	cps
Lead	207-1	9726039	9734738	9735603	9732127	0.05	cps
Lead	208-1	44723398	45223874	45000795	44982689	0.56	cps
Lead	206-1	11375313	11568985	11475477	11473258	0.84	cps
Lithium	6-1	146009	141157	138964	142043	2.54	cps
Magnesium	24-2	598615	595813	600123	598184	0.37	cps

LB Number :	LB102143	Operator :	Jaswal
Lab Sample ID :	K2234-02	Instrumnet Name :	P8
Client Sample ID :	SSSI-0401-S-DH-3	Dilution Factor :	1
Date & Time Acquired ::	2019-04-16 17:08:20	DataFile Name :	033SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	1423481	1408931	1440622	1424345	1.11	cps
Molybdenum	94-1	101729	103803	102679	102737	1.01	cps
Molybdenum	95-1	58142	59272	58804	58739	0.97	cps
Molybdenum	96-1	74749	75720	75595	75355	0.70	cps
Molybdenum	97-1	35222	36801	35924	35982	2.20	cps
Molybdenum	98-1	91072	92440	92297	91936	0.82	cps
Neodymium	150-1	52874	52914	52278	52689	0.68	cps
Neodymium	150-2	25525	25552	26016	25698	1.07	cps
Nickel	60-2	189150	187478	188653	188427	0.46	cps
Phosphorus	31-2	30367	29924	29807	30033	0.98	cps
Potassium	39-2	214760	216128	217482	216123	0.63	cps
Rhodium	103-1	2785283	2815203	2828866	2809784	0.79	cps
Rhodium	103-2	1588932	1552115	1557633	1566227	1.27	cps
Scandium	45-1	2554098	2602430	2555655	2570728	1.07	cps
Scandium	45-2	69444	70188	69773	69801	0.53	cps
Selenium	77-2	143	117	90	117	22.86	cps
Selenium	78-2	81	152	126	120	29.72	cps
Selenium	82-1	544	459	513	505	8.49	cps
Silicon	28-1	16235686	16182209	16250233	16222709	0.22	cps
Silver	109-1	219459	218762	214138	217453	1.33	cps
Silver	107-1	232531	230530	235096	232719	0.98	cps
Sodium	23-2	171769	172029	171988	171928	0.08	cps
Strontium	86-1	520571	518800	522051	520474	0.31	cps
Strontium	88-1	4464832	4527317	4488435	4493528	0.70	cps
Sulfur	34-1	489948	477991	467154	478364	2.38	cps
Terbium	159-1	2769684	2779187	2728873	2759248	0.97	cps
Terbium	159-2	1813201	1796811	1772843	1794285	1.13	cps
Thallium	203-1	1292	1375	1358	1342	3.29	cps
Thallium	205-1	3242	3051	3467	3253	6.41	cps
Tin	118-1	1222808	1217188	1220713	1220236	0.23	cps
Titanium	47-1	437364	445132	438296	440264	0.96	cps
Uranium	238-1	22772	22680	22622	22691	0.33	cps
Vanadium	51-2	432629	429770	426059	429486	0.77	cps
Yttrium	89-1	4035027	4049175	4071643	4051948	0.46	cps
Yttrium	89-2	488104	483456	481271	484277	0.72	cps
Zinc	66-2	1637217	1658494	1666140	1653950	0.91	cps

LB Number :	LB102143	Operator :	Jaswal
Lab Sample ID :	K2234-02	Instrumnet Name :	P8
Client Sample ID :	SSSI-0401-S-DH-3	Dilution Factor :	1
Date & Time Acquired ::	2019-04-16 17:08:20	DataFile Name :	033SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	90-1	192807	196076	194412	194432	0.84	cps
Zirconium	91-1	42651	44716	43554	43640	2.37	cps

LB Number :	LB102143	Operator :	Jaswal
Lab Sample ID :	K2234-02DUP	Instrumnet Name :	P8
Client Sample ID :	SSSI-0401-S-DH-3DUP	Dilution Factor :	1
Date & Time Acquired ::	2019-04-16 17:11:46	DataFile Name :	034SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	597494	589791	593491	593592	0.65	cps
Antimony	121-1	107892	110320	110126	109446	1.23	cps
Arsenic	75-2	16681	16391	16488	16520	0.89	cps
Barium	135-1	4275923	4321780	4270451	4289384	0.66	cps
Barium	137-1	7323718	7398916	7400538	7374391	0.60	cps
Beryllium	9-1	1163	1173	1060	1132	5.54	cps
Bismuth	209-1	1274375	1266684	1281717	1274259	0.59	cps
Bismuth	209-2	979413	970960	1019895	990089	2.64	cps
Boron	11-1	10021	9954	9979	9984	0.34	cps
Boron	10-1	1875	1859	1950	1895	2.58	cps
Cadmium	106-1	15351	14575	15117	15015	2.65	cps
Cadmium	108-1	1984	1921	1904	1936	2.16	cps
Cadmium	111-1	25485	25672	26664	25940	2.44	cps
Calcium	43-1	625642	626386	628603	626877	0.25	cps
Calcium	44-1	10062585	10089196	10139074	10096952	0.38	cps
Chromium	52-2	575834	585981	585144	582320	0.97	cps
Cobalt	59-2	123999	121158	121916	122358	1.20	cps
Copper	63-2	3008291	2998841	2977810	2994981	0.52	cps
Dysprosium	156-1	37163	38517	38039	37906	1.81	cps
Dysprosium	156-2	18410	19401	18376	18729	3.11	cps
Erbium	164-1	23472	21886	23338	22899	3.84	cps
Erbium	164-2	14802	14765	15192	14920	1.59	cps
Gadolinium	160-1	27079	26378	25317	26258	3.38	cps
Gadolinium	160-2	19758	19822	20102	19894	0.92	cps
Holmium	165-1	2445301	2451709	2461477	2452829	0.33	cps
Holmium	165-2	1567214	1587217	1659114	1604515	3.01	cps
Indium	115-1	2619099	2640847	2637587	2632511	0.45	cps
Indium	115-2	469296	476320	482321	475979	1.37	cps
Iron	56-2	307796807	299797407	302262318	303285510	1.35	cps
Iron	57-2	7469442	7362818	7456766	7429675	0.78	cps
Krypton	83-1	483	483	510	492	3.13	cps
Lead	207-1	9131281	9189829	9234740	9185284	0.56	cps
Lead	208-1	42451316	42325536	42709779	42495544	0.46	cps
Lead	206-1	10739145	10861288	10961952	10854129	1.03	cps
Lithium	6-1	145938	151761	153528	150409	2.64	cps
Magnesium	24-2	597346	584222	597724	593098	1.30	cps

LB Number :	LB102143	Operator :	Jaswal
Lab Sample ID :	K2234-02DUP	Instrumnet Name :	P8
Client Sample ID :	SSSI-0401-S-DH-3DUP	Dilution Factor :	1
Date & Time Acquired ::	2019-04-16 17:11:46	DataFile Name :	034SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	1405951	1353840	1363001	1374264	2.02	cps
Molybdenum	94-1	97583	98179	100278	98680	1.43	cps
Molybdenum	95-1	56578	56811	57456	56948	0.80	cps
Molybdenum	96-1	72880	72890	73232	73001	0.27	cps
Molybdenum	97-1	34495	35397	34595	34829	1.42	cps
Molybdenum	98-1	89085	89764	90318	89722	0.69	cps
Neodymium	150-1	49634	50364	49334	49777	1.06	cps
Neodymium	150-2	24016	24520	24673	24403	1.41	cps
Nickel	60-2	186411	184556	182720	184562	1.00	cps
Phosphorus	31-2	30016	29457	29582	29685	0.99	cps
Potassium	39-2	208558	206733	209541	208277	0.68	cps
Rhodium	103-1	2690914	2686968	2790654	2722845	2.16	cps
Rhodium	103-2	1442940	1447326	1473383	1454549	1.13	cps
Scandium	45-1	2511063	2472505	2532660	2505410	1.22	cps
Scandium	45-2	65532	66376	68034	66647	1.91	cps
Selenium	77-2	107	130	133	123	11.78	cps
Selenium	78-2	148	124	130	134	9.41	cps
Selenium	82-1	504	522	459	495	6.52	cps
Silicon	28-1	16015867	16059753	16009249	16028289	0.17	cps
Silver	109-1	208180	204138	210422	207580	1.53	cps
Silver	107-1	220851	222603	223854	222436	0.68	cps
Sodium	23-2	171423	166860	168118	168800	1.40	cps
Strontium	86-1	503424	503075	499338	501946	0.45	cps
Strontium	88-1	4242374	4280259	4288612	4270415	0.58	cps
Sulfur	34-1	432405	435163	433087	433552	0.33	cps
Terbium	159-1	2621256	2640198	2648677	2636711	0.53	cps
Terbium	159-2	1593836	1606118	1664871	1621608	2.34	cps
Thallium	203-1	1125	1275	1250	1217	6.61	cps
Thallium	205-1	3034	2734	3025	2931	5.83	cps
Tin	118-1	1170064	1173378	1180913	1174785	0.47	cps
Titanium	47-1	429335	420937	434139	428137	1.56	cps
Uranium	238-1	21645	21194	20735	21191	2.15	cps
Vanadium	51-2	425124	417946	415965	419678	1.15	cps
Yttrium	89-1	3851612	3833523	3888813	3857983	0.73	cps
Yttrium	89-2	442067	454997	462946	453336	2.32	cps
Zinc	66-2	1566652	1594704	1578900	1580085	0.89	cps

LB Number :	LB102143	Operator :	Jaswal
Lab Sample ID :	K2234-02DUP	Instrumnet Name :	P8
Client Sample ID :	SSSI-0401-S-DH-3DUP	Dilution Factor :	1
Date & Time Acquired ::	2019-04-16 17:11:46	DataFile Name :	034SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	90-1	184021	183126	191464	186204	2.46	cps
Zirconium	91-1	41364	40520	41247	41044	1.11	cps

LB Number :	LB102143	Operator :	Jaswal
Lab Sample ID :	K2234-02LX5	Instrumnet Name :	P8
Client Sample ID :	SSSI-0401-S-DH-3L	Dilution Factor :	5
Date & Time Acquired ::	2019-04-16 17:15:14	DataFile Name :	035SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	114385	116085	113998	114823	0.97	cps
Antimony	121-1	20675	21510	21927	21371	2.98	cps
Arsenic	75-2	3232	3265	3234	3244	0.58	cps
Barium	135-1	831129	835790	825473	830797	0.62	cps
Barium	137-1	1425701	1441444	1425594	1430913	0.64	cps
Beryllium	9-1	273	223	227	241	11.59	cps
Bismuth	209-1	1259013	1255212	1246721	1253649	0.50	cps
Bismuth	209-2	971324	923328	952575	949076	2.55	cps
Boron	11-1	3351	3309	3225	3295	1.93	cps
Boron	10-1	600	550	625	592	6.45	cps
Cadmium	106-1	12148	11472	11163	11594	4.34	cps
Cadmium	108-1	338	413	475	408	16.86	cps
Cadmium	111-1	7017	6905	6905	6942	0.93	cps
Calcium	43-1	124482	126163	125416	125354	0.67	cps
Calcium	44-1	2024481	2090668	2029882	2048344	1.79	cps
Chromium	52-2	113547	115102	112565	113738	1.12	cps
Cobalt	59-2	24522	24018	23710	24083	1.70	cps
Copper	63-2	587540	582831	582098	584156	0.51	cps
Dysprosium	156-1	7111	7127	6944	7061	1.44	cps
Dysprosium	156-2	3664	3481	3414	3519	3.68	cps
Erbium	164-1	4243	4409	4476	4376	2.75	cps
Erbium	164-2	2740	2827	2680	2749	2.68	cps
Gadolinium	160-1	5426	5460	4976	5287	5.11	cps
Gadolinium	160-2	3641	3611	3514	3588	1.85	cps
Holmium	165-1	2452693	2443995	2446017	2447569	0.19	cps
Holmium	165-2	1612298	1543117	1582217	1579211	2.20	cps
Indium	115-1	2664398	2671685	2691253	2675778	0.52	cps
Indium	115-2	503591	471459	488886	487979	3.30	cps
Iron	56-2	59519314	59653231	58675355	59282633	0.89	cps
Iron	57-2	1508309	1505618	1503134	1505687	0.17	cps
Krypton	83-1	420	453	410	428	5.30	cps
Lead	207-1	1828182	1828321	1818535	1825013	0.31	cps
Lead	208-1	8407315	8465184	8353132	8408544	0.67	cps
Lead	206-1	2134622	2170213	2137797	2147544	0.92	cps
Lithium	6-1	147614	147982	151391	148996	1.40	cps
Magnesium	24-2	117324	116138	111629	115031	2.61	cps

LB Number :	LB102143	Operator :	Jaswal
Lab Sample ID :	K2234-02LX5	Instrumnet Name :	P8
Client Sample ID :	SSSI-0401-S-DH-3L	Dilution Factor :	5
Date & Time Acquired ::	2019-04-16 17:15:14	DataFile Name :	035SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	263926	268225	264670	265607	0.86	cps
Molybdenum	94-1	18789	18789	19331	18970	1.65	cps
Molybdenum	95-1	11097	10947	11347	11130	1.82	cps
Molybdenum	96-1	13866	14825	13716	14136	4.26	cps
Molybdenum	97-1	7094	7302	6527	6974	5.75	cps
Molybdenum	98-1	17186	16386	16110	16561	3.38	cps
Neodymium	150-1	10144	9791	9290	9742	4.40	cps
Neodymium	150-2	4738	4604	4964	4769	3.82	cps
Nickel	60-2	36324	35860	35489	35891	1.17	cps
Phosphorus	31-2	5701	5751	5593	5682	1.42	cps
Potassium	39-2	55126	53353	54130	54203	1.64	cps
Rhodium	103-1	2746263	2681679	2731759	2719900	1.25	cps
Rhodium	103-2	1529282	1427642	1487399	1481441	3.45	cps
Scandium	45-1	2412140	2422516	2452674	2429110	0.87	cps
Scandium	45-2	64598	62315	64531	63814	2.04	cps
Selenium	77-2	17	30	33	27	33.06	cps
Selenium	78-2	54	31	39	41	27.36	cps
Selenium	82-1	136	89	194	139	37.79	cps
Silicon	28-1	5729576	5867266	5823520	5806787	1.21	cps
Silver	109-1	41340	42042	41524	41635	0.87	cps
Silver	107-1	43781	43906	43262	43650	0.78	cps
Sodium	23-2	44077	43710	43718	43835	0.48	cps
Strontium	86-1	97724	97599	98882	98068	0.72	cps
Strontium	88-1	817005	818041	814338	816461	0.23	cps
Sulfur	34-1	306026	305777	307593	306466	0.32	cps
Terbium	159-1	2643166	2607318	2583328	2611270	1.15	cps
Terbium	159-2	1649182	1511284	1649313	1603260	4.97	cps
Thallium	203-1	300	267	300	289	6.66	cps
Thallium	205-1	633	708	725	689	7.09	cps
Tin	118-1	223721	229551	230781	228018	1.65	cps
Titanium	47-1	93235	93756	95869	94287	1.48	cps
Uranium	238-1	4443	4234	4109	4262	3.95	cps
Vanadium	51-2	81663	81781	81426	81623	0.22	cps
Yttrium	89-1	3508605	3410139	3471803	3463516	1.44	cps
Yttrium	89-2	415456	392078	411540	406358	3.08	cps
Zinc	66-2	307986	306410	306873	307090	0.26	cps

LB Number :	LB102143	Operator :	Jaswal
Lab Sample ID :	K2234-02LX5	Instrumnet Name :	P8
Client Sample ID :	SSSI-0401-S-DH-3L	Dilution Factor :	5
Date & Time Acquired ::	2019-04-16 17:15:14	DataFile Name :	035SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	90-1	36224	36417	36759	36467	0.74	cps
Zirconium	91-1	8145	8078	8353	8192	1.75	cps

LB Number :	LB102143	Operator :	Jaswal
Lab Sample ID :	K2234-02MS	Instrumnet Name :	P8
Client Sample ID :	SSSI-0401-S-DH-3MS	Dilution Factor :	1
Date & Time Acquired ::	2019-04-16 17:18:43	DataFile Name :	036SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	702112	706985	706822	705306	0.39	cps
Antimony	121-1	1698366	1688907	1707906	1698393	0.56	cps
Arsenic	75-2	94218	94328	95611	94719	0.82	cps
Barium	135-1	5766138	5728553	5800957	5765216	0.63	cps
Barium	137-1	9918669	9956143	9948940	9941251	0.20	cps
Beryllium	9-1	147072	145759	151713	148181	2.11	cps
Bismuth	209-1	1302095	1318240	1320377	1313571	0.76	cps
Bismuth	209-2	1037001	1033491	1027901	1032798	0.44	cps
Boron	11-1	105699	107781	110939	108140	2.44	cps
Boron	10-1	19856	20115	20299	20090	1.11	cps
Cadmium	106-1	57993	56395	55800	56729	2.00	cps
Cadmium	108-1	30777	30506	29900	30394	1.48	cps
Cadmium	111-1	401086	397419	401059	399855	0.53	cps
Calcium	43-1	1126882	1137525	1153083	1139163	1.16	cps
Calcium	44-1	17926484	18544367	18619773	18363541	2.07	cps
Chromium	52-2	1040201	1042100	1040881	1041061	0.09	cps
Cobalt	59-2	944988	944945	956803	948912	0.72	cps
Copper	63-2	4099963	4115265	4111319	4108849	0.19	cps
Dysprosium	156-1	36252	38157	36786	37065	2.65	cps
Dysprosium	156-2	18654	19198	18847	18899	1.46	cps
Erbium	164-1	22211	22746	22103	22353	1.54	cps
Erbium	164-2	14979	14835	14929	14914	0.49	cps
Gadolinium	160-1	25634	26486	26211	26110	1.66	cps
Gadolinium	160-2	19865	19578	19812	19752	0.77	cps
Holmium	165-1	2512221	2511493	2539609	2521108	0.64	cps
Holmium	165-2	1717103	1722870	1694270	1711414	0.88	cps
Indium	115-1	2654117	2664842	2660172	2659710	0.20	cps
Indium	115-2	495148	496833	491383	494455	0.56	cps
Iron	56-2	310560996	309616440	307321185	309166207	0.54	cps
Iron	57-2	7616788	7729811	7733571	7693390	0.86	cps
Krypton	83-1	533	523	550	536	2.52	cps
Lead	207-1	9462849	9654900	9657629	9591793	1.16	cps
Lead	208-1	43714454	44289866	44537876	44180732	0.96	cps
Lead	206-1	11130960	11258196	11315335	11234830	0.84	cps
Lithium	6-1	159981	158382	165413	161259	2.29	cps
Magnesium	24-2	2664152	2680467	2672341	2672320	0.31	cps

LB Number :	LB102143	Operator :	Jaswal
Lab Sample ID :	K2234-02MS	Instrumnet Name :	P8
Client Sample ID :	SSSI-0401-S-DH-3MS	Dilution Factor :	1
Date & Time Acquired ::	2019-04-16 17:18:43	DataFile Name :	036SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	1758108	1759832	1749843	1755928	0.30	cps
Molybdenum	94-1	3288674	3380338	3381688	3350233	1.59	cps
Molybdenum	95-1	4029768	4132684	4132549	4098334	1.45	cps
Molybdenum	96-1	4529509	4565582	4572098	4555729	0.50	cps
Molybdenum	97-1	2501248	2525508	2542568	2523108	0.82	cps
Molybdenum	98-1	6371251	6368941	6292905	6344365	0.70	cps
Neodymium	150-1	48617	50016	50331	49655	1.84	cps
Neodymium	150-2	24129	24570	24132	24277	1.04	cps
Nickel	60-2	409359	406475	412870	409568	0.78	cps
Phosphorus	31-2	28805	28321	29098	28741	1.36	cps
Potassium	39-2	1262307	1231542	1240513	1244787	1.27	cps
Rhodium	103-1	2696233	2748292	2756297	2733608	1.19	cps
Rhodium	103-2	1528307	1563500	1554939	1548915	1.18	cps
Scandium	45-1	2488554	2563822	2570022	2540799	1.78	cps
Scandium	45-2	68506	69796	70037	69446	1.18	cps
Selenium	77-2	1020	1107	963	1030	7.01	cps
Selenium	78-2	3263	3300	3315	3293	0.81	cps
Selenium	82-1	30613	31143	31118	30958	0.97	cps
Silicon	28-1	16635267	16795268	17126127	16852221	1.49	cps
Silver	109-1	1918843	1907856	1926632	1917777	0.49	cps
Silver	107-1	2013100	2009477	2010502	2011026	0.09	cps
Sodium	23-2	4842116	4871847	4848685	4854216	0.32	cps
Strontium	86-1	995674	1009858	1010661	1005398	0.84	cps
Strontium	88-1	8413959	8564612	8509698	8496090	0.90	cps
Sulfur	34-1	463369	470517	477633	470506	1.52	cps
Terbium	159-1	2678348	2706763	2743297	2709469	1.20	cps
Terbium	159-2	1732866	1759448	1700669	1730995	1.70	cps
Thallium	203-1	716516	725666	737643	726608	1.46	cps
Thallium	205-1	1712503	1760609	1772181	1748431	1.81	cps
Tin	118-1	2260438	2257280	2278166	2265294	0.50	cps
Titanium	47-1	1710401	1763442	1733094	1735646	1.53	cps
Uranium	238-1	1997327	2047309	2088437	2044357	2.23	cps
Vanadium	51-2	778649	781413	790414	783492	0.79	cps
Yttrium	89-1	3878031	3925478	3965822	3923110	1.12	cps
Yttrium	89-2	470250	474750	478158	474386	0.84	cps
Zinc	66-2	1733340	1733842	1736859	1734680	0.11	cps

LB Number :	LB102143	Operator :	Jaswal
Lab Sample ID :	K2234-02MS	Instrumnet Name :	P8
Client Sample ID :	SSSI-0401-S-DH-3MS	Dilution Factor :	1
Date & Time Acquired ::	2019-04-16 17:18:43	DataFile Name :	036SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	90-1	2959128	2913528	2977293	2949983	1.11	cps
Zirconium	91-1	633385	641061	641521	638656	0.72	cps

LB Number :	LB102143	Operator :	Jaswal
Lab Sample ID :	K2234-02MSD	Instrumnet Name :	P8
Client Sample ID :	SSSI-0401-S-DH-3MSD	Dilution Factor :	1
Date & Time Acquired ::	2019-04-16 17:22:05	DataFile Name :	037SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	712341	711868	714638	712949	0.21	cps
Antimony	121-1	1728246	1676181	1725268	1709898	1.71	cps
Arsenic	75-2	95831	96469	94890	95730	0.83	cps
Barium	135-1	5760490	5803228	5775679	5779799	0.37	cps
Barium	137-1	9888638	9996767	10033389	9972931	0.75	cps
Beryllium	9-1	165761	168746	170424	168310	1.40	cps
Bismuth	209-1	1302497	1313084	1319408	1311663	0.65	cps
Bismuth	209-2	1071700	1069370	1047994	1063021	1.23	cps
Boron	11-1	118524	119263	122422	120070	1.72	cps
Boron	10-1	22327	22569	23220	22705	2.03	cps
Cadmium	106-1	56352	56420	56938	56570	0.57	cps
Cadmium	108-1	30326	30522	30978	30609	1.09	cps
Cadmium	111-1	399752	398878	398707	399112	0.14	cps
Calcium	43-1	1159658	1165365	1161078	1162034	0.26	cps
Calcium	44-1	18584017	18573300	18813308	18656875	0.73	cps
Chromium	52-2	1057383	1066834	1059837	1061351	0.46	cps
Cobalt	59-2	956937	962258	962220	960472	0.32	cps
Copper	63-2	4084189	4164338	4140263	4129597	1.00	cps
Dysprosium	156-1	38725	36026	37965	37572	3.70	cps
Dysprosium	156-2	18887	19304	19184	19125	1.12	cps
Erbium	164-1	22153	22788	22779	22573	1.61	cps
Erbium	164-2	14575	15232	15202	15003	2.47	cps
Gadolinium	160-1	26561	26620	26420	26534	0.39	cps
Gadolinium	160-2	20283	20363	20209	20285	0.38	cps
Holmium	165-1	2509771	2524000	2614746	2549506	2.23	cps
Holmium	165-2	1742014	1742006	1725197	1736406	0.56	cps
Indium	115-1	2683820	2674225	2677286	2678444	0.18	cps
Indium	115-2	509127	503960	502399	505162	0.70	cps
Iron	56-2	315518952	318667729	312690851	315625844	0.95	cps
Iron	57-2	7797802	7781300	7762624	7780575	0.23	cps
Krypton	83-1	557	457	553	522	10.88	cps
Lead	207-1	9511899	9587144	9704327	9601123	1.01	cps
Lead	208-1	43982077	44386948	45028108	44465711	1.19	cps
Lead	206-1	11178002	11311584	11478229	11322605	1.33	cps
Lithium	6-1	187927	192053	195213	191731	1.91	cps
Magnesium	24-2	2736452	2737976	2698882	2724437	0.81	cps

LB Number :	LB102143	Operator :	Jaswal
Lab Sample ID :	K2234-02MSD	Instrumnet Name :	P8
Client Sample ID :	SSSI-0401-S-DH-3MSD	Dilution Factor :	1
Date & Time Acquired ::	2019-04-16 17:22:05	DataFile Name :	037SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	1759746	1788870	1773693	1774103	0.82	cps
Molybdenum	94-1	3399935	3378577	3366754	3381755	0.50	cps
Molybdenum	95-1	4134499	4184678	4151766	4156981	0.61	cps
Molybdenum	96-1	4595838	4554144	4633798	4594593	0.87	cps
Molybdenum	97-1	2534992	2522886	2547821	2535233	0.49	cps
Molybdenum	98-1	6380695	6379342	6415910	6391982	0.32	cps
Neodymium	150-1	49514	48752	49467	49244	0.87	cps
Neodymium	150-2	24830	23982	24730	24514	1.89	cps
Nickel	60-2	411759	418588	415629	415326	0.82	cps
Phosphorus	31-2	29991	28563	28989	29181	2.51	cps
Potassium	39-2	1267301	1283426	1278074	1276267	0.64	cps
Rhodium	103-1	2724236	2742173	2743731	2736713	0.40	cps
Rhodium	103-2	1601989	1559456	1543887	1568444	1.92	cps
Scandium	45-1	2603234	2566767	2584030	2584677	0.71	cps
Scandium	45-2	70730	70607	70948	70762	0.24	cps
Selenium	77-2	1117	1053	1057	1076	3.31	cps
Selenium	78-2	3541	3347	3362	3417	3.17	cps
Selenium	82-1	30566	31291	31071	30976	1.20	cps
Silicon	28-1	17258645	17136452	17178918	17191338	0.36	cps
Silver	109-1	1913133	1906890	1908256	1909426	0.17	cps
Silver	107-1	2021562	2037327	2029863	2029584	0.39	cps
Sodium	23-2	4966534	4890837	4972514	4943295	0.92	cps
Strontium	86-1	1018532	1010695	1003682	1010969	0.73	cps
Strontium	88-1	8607968	8507696	8726783	8614149	1.27	cps
Sulfur	34-1	479684	482975	485647	482768	0.62	cps
Terbium	159-1	2784255	2767424	2747710	2766463	0.66	cps
Terbium	159-2	1773144	1804846	1765597	1781196	1.17	cps
Thallium	203-1	726938	737072	740452	734820	0.96	cps
Thallium	205-1	1756789	1771371	1793936	1774032	1.05	cps
Tin	118-1	2252740	2255489	2241638	2249956	0.33	cps
Titanium	47-1	1762770	1741889	1809075	1771245	1.94	cps
Uranium	238-1	2052311	2089875	2034759	2058982	1.37	cps
Vanadium	51-2	790377	799738	796174	795430	0.59	cps
Yttrium	89-1	3955011	3928553	3923659	3935741	0.43	cps
Yttrium	89-2	484616	478955	477495	480356	0.78	cps
Zinc	66-2	1743523	1754305	1776274	1758034	0.95	cps

LB Number :	LB102143	Operator :	Jaswal
Lab Sample ID :	K2234-02MSD	Instrumnet Name :	P8
Client Sample ID :	SSSI-0401-S-DH-3MSD	Dilution Factor :	1
Date & Time Acquired ::	2019-04-16 17:22:05	DataFile Name :	037SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	90-1	2982450	3014204	2961017	2985891	0.90	cps
Zirconium	91-1	639261	646990	642576	642942	0.60	cps

LB Number :	LB102143	Operator :	Jaswal
Lab Sample ID :	K2234-02A	Instrumnet Name :	P8
Client Sample ID :	SSSI-0401-S-DH-3A	Dilution Factor :	1
Date & Time Acquired ::	2019-04-16 17:25:26	DataFile Name :	038SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	706763	706366	709335	707488	0.23	cps
Antimony	121-1	1744383	1732301	1761191	1745958	0.83	cps
Arsenic	75-2	95169	95730	95492	95464	0.29	cps
Barium	135-1	5828061	5905948	5899990	5878000	0.74	cps
Barium	137-1	10216518	10085603	10147671	10149931	0.65	cps
Beryllium	9-1	166341	171280	172365	169996	1.89	cps
Bismuth	209-1	1302535	1335550	1305641	1314575	1.39	cps
Bismuth	209-2	1021235	1068959	1071299	1053831	2.68	cps
Boron	11-1	120489	120455	123674	121539	1.52	cps
Boron	10-1	21734	22869	23103	22569	3.24	cps
Cadmium	106-1	57365	58779	57030	57725	1.61	cps
Cadmium	108-1	30527	30865	31053	30815	0.87	cps
Cadmium	111-1	403099	408279	411703	407694	1.06	cps
Calcium	43-1	1160075	1154375	1166119	1160189	0.51	cps
Calcium	44-1	18893566	18399178	18787470	18693405	1.39	cps
Chromium	52-2	1054613	1044110	1042331	1047018	0.63	cps
Cobalt	59-2	964111	959403	961974	961829	0.25	cps
Copper	63-2	4078173	4110765	4145244	4111394	0.82	cps
Dysprosium	156-1	38015	37539	37112	37555	1.20	cps
Dysprosium	156-2	19151	19371	19642	19388	1.27	cps
Erbium	164-1	22938	22904	22737	22860	0.47	cps
Erbium	164-2	15096	15166	14979	15080	0.63	cps
Gadolinium	160-1	27129	27196	27597	27307	0.93	cps
Gadolinium	160-2	19822	20389	20760	20324	2.32	cps
Holmium	165-1	2528943	2572133	2494943	2532006	1.53	cps
Holmium	165-2	1754671	1763231	1779458	1765787	0.71	cps
Indium	115-1	2649094	2700065	2661810	2670323	0.99	cps
Indium	115-2	501244	504102	506372	503906	0.51	cps
Iron	56-2	318551974	317122174	319334096	318336081	0.35	cps
Iron	57-2	7686687	7781186	7832257	7766710	0.95	cps
Krypton	83-1	503	533	513	517	2.96	cps
Lead	207-1	9723232	9793362	9959784	9825460	1.24	cps
Lead	208-1	45190507	45372841	46128365	45563904	1.09	cps
Lead	206-1	11590298	11525693	11748200	11621397	0.98	cps
Lithium	6-1	188374	192242	191255	190623	1.05	cps
Magnesium	24-2	2715136	2691728	2632260	2679708	1.59	cps

LB Number :	LB102143	Operator :	Jaswal
Lab Sample ID :	K2234-02A	Instrumnet Name :	P8
Client Sample ID :	SSSI-0401-S-DH-3A	Dilution Factor :	1
Date & Time Acquired ::	2019-04-16 17:25:26	DataFile Name :	038SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	1796172	1779709	1773263	1783048	0.66	cps
Molybdenum	94-1	3376442	3444833	3398384	3406553	1.03	cps
Molybdenum	95-1	4176696	4176831	4161292	4171606	0.21	cps
Molybdenum	96-1	4611331	4548766	4624782	4594960	0.88	cps
Molybdenum	97-1	2504255	2550057	2556303	2536872	1.12	cps
Molybdenum	98-1	6326070	6418075	6536295	6426813	1.64	cps
Neodymium	150-1	49902	50745	50558	50402	0.88	cps
Neodymium	150-2	24784	24617	24213	24538	1.20	cps
Nickel	60-2	414870	413909	417336	415372	0.43	cps
Phosphorus	31-2	30108	28446	28638	29064	3.13	cps
Potassium	39-2	1269027	1218870	1246352	1244750	2.02	cps
Rhodium	103-1	2643355	2799572	2703121	2715349	2.90	cps
Rhodium	103-2	1560742	1539605	1570267	1556871	1.01	cps
Scandium	45-1	2598790	2614530	2531782	2581701	1.70	cps
Scandium	45-2	70154	70037	70258	70150	0.16	cps
Selenium	77-2	1080	1047	1230	1119	8.73	cps
Selenium	78-2	3286	3280	3306	3291	0.41	cps
Selenium	82-1	31212	31251	31786	31417	1.02	cps
Silicon	28-1	17317208	17398308	17473789	17396435	0.45	cps
Silver	109-1	1883565	1950044	1956756	1930121	2.10	cps
Silver	107-1	2007617	2031537	2077508	2038887	1.74	cps
Sodium	23-2	4972640	4992302	4898637	4954527	1.00	cps
Strontium	86-1	1012178	1023024	1016545	1017249	0.54	cps
Strontium	88-1	8629207	8755241	8752340	8712263	0.83	cps
Sulfur	34-1	481223	487651	486922	485265	0.73	cps
Terbium	159-1	2714640	2763264	2710500	2729468	1.07	cps
Terbium	159-2	1750634	1777425	1778953	1769004	0.90	cps
Thallium	203-1	741104	745184	748875	745054	0.52	cps
Thallium	205-1	1793082	1785493	1801269	1793281	0.44	cps
Tin	118-1	2272022	2244929	2319297	2278750	1.65	cps
Titanium	47-1	1782547	1771038	1792656	1782080	0.61	cps
Uranium	238-1	2052601	2076803	2079832	2069745	0.72	cps
Vanadium	51-2	792889	788270	790763	790641	0.29	cps
Yttrium	89-1	3908420	4010243	3940152	3952938	1.32	cps
Yttrium	89-2	473712	481742	488323	481259	1.52	cps
Zinc	66-2	1760464	1735446	1778572	1758161	1.23	cps

LB Number :	LB102143	Operator :	Jaswal
Lab Sample ID :	K2234-02A	Instrumnet Name :	P8
Client Sample ID :	SSSI-0401-S-DH-3A	Dilution Factor :	1
Date & Time Acquired ::	2019-04-16 17:25:26	DataFile Name :	038SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	90-1	2993703	3007025	3043642	3014790	0.86	cps
Zirconium	91-1	639487	650909	649552	646649	0.96	cps

LB Number :	LB102143	Operator :	Jaswal
Lab Sample ID :	K2234-02DL2X5	Instrumnet Name :	P8
Client Sample ID :	SSSI-0401-S-DH-3DL2	Dilution Factor :	5
Date & Time Acquired ::	2019-04-16 17:34:43	DataFile Name :	040SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	119370	118694	118974	119012	0.29	cps
Antimony	121-1	22695	22779	22111	22528	1.62	cps
Arsenic	75-2	3547	3378	3328	3418	3.35	cps
Barium	135-1	873206	870246	872182	871878	0.17	cps
Barium	137-1	1555733	1533945	1541930	1543869	0.71	cps
Beryllium	9-1	260	217	280	252	12.84	cps
Bismuth	209-1	1280139	1274995	1283113	1279416	0.32	cps
Bismuth	209-2	1022863	1019821	1027844	1023509	0.40	cps
Boron	11-1	3926	4117	3734	3926	4.88	cps
Boron	10-1	825	767	700	764	8.19	cps
Cadmium	106-1	11831	11581	11681	11697	1.08	cps
Cadmium	108-1	429	433	438	433	0.96	cps
Cadmium	111-1	7269	7076	6733	7026	3.86	cps
Calcium	43-1	132726	132553	132413	132564	0.12	cps
Calcium	44-1	2178157	2164044	2149599	2163933	0.66	cps
Chromium	52-2	118927	118201	117822	118316	0.47	cps
Cobalt	59-2	24949	25484	24912	25115	1.27	cps
Copper	63-2	610518	606591	611175	609428	0.41	cps
Dysprosium	156-1	7794	7469	7653	7639	2.14	cps
Dysprosium	156-2	3867	4077	3794	3913	3.76	cps
Erbium	164-1	4559	4568	4893	4673	4.07	cps
Erbium	164-2	3007	2907	2980	2965	1.75	cps
Gadolinium	160-1	5385	4843	5410	5212	6.15	cps
Gadolinium	160-2	4014	4071	4071	4052	0.81	cps
Holmium	165-1	2536057	2452212	2507995	2498755	1.71	cps
Holmium	165-2	1679192	1679525	1658546	1672421	0.72	cps
Indium	115-1	2752974	2695387	2729510	2725957	1.06	cps
Indium	115-2	507007	503295	508516	506273	0.53	cps
Iron	56-2	61565151	61748624	62134749	61816175	0.47	cps
Iron	57-2	1575018	1574642	1576380	1575347	0.06	cps
Krypton	83-1	493	460	507	487	4.94	cps
Lead	207-1	1971801	1926668	1945622	1948030	1.16	cps
Lead	208-1	9050266	8930480	8925335	8968694	0.79	cps
Lead	206-1	2314732	2310504	2284626	2303287	0.71	cps
Lithium	6-1	157901	157863	158124	157963	0.09	cps
Magnesium	24-2	120837	121012	119920	120590	0.49	cps

LB Number :	LB102143	Operator :	Jaswal
Lab Sample ID :	K2234-02DL2X5	Instrumnet Name :	P8
Client Sample ID :	SSSI-0401-S-DH-3DL2	Dilution Factor :	5
Date & Time Acquired ::	2019-04-16 17:34:43	DataFile Name :	040SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	274645	278521	275121	276096	0.77	cps
Molybdenum	94-1	20592	19406	20250	20082	3.04	cps
Molybdenum	95-1	11597	11781	12056	11811	1.96	cps
Molybdenum	96-1	14842	15209	15509	15187	2.20	cps
Molybdenum	97-1	7236	6969	7077	7094	1.89	cps
Molybdenum	98-1	18505	17679	18588	18258	2.75	cps
Neodymium	150-1	9997	10071	10238	10102	1.22	cps
Neodymium	150-2	4881	5071	5251	5068	3.65	cps
Nickel	60-2	37307	37705	37323	37445	0.60	cps
Phosphorus	31-2	5943	6402	5960	6102	4.26	cps
Potassium	39-2	55235	55469	56489	55731	1.20	cps
Rhodium	103-1	2805476	2795749	2802103	2801109	0.18	cps
Rhodium	103-2	1542780	1554139	1557108	1551342	0.49	cps
Scandium	45-1	2504177	2427788	2441009	2457658	1.66	cps
Scandium	45-2	65244	67719	66390	66451	1.86	cps
Selenium	77-2	40	43	10	31	59.01	cps
Selenium	78-2	43	33	33	36	14.68	cps
Selenium	82-1	121	88	62	91	32.63	cps
Silicon	28-1	6037174	5940069	5978496	5985246	0.82	cps
Silver	109-1	43848	43756	42644	43416	1.54	cps
Silver	107-1	45428	45227	44876	45177	0.62	cps
Sodium	23-2	44445	46277	46067	45596	2.20	cps
Strontium	86-1	102668	100720	103341	102243	1.33	cps
Strontium	88-1	866199	859633	870063	865298	0.61	cps
Sulfur	34-1	340964	344221	338144	341110	0.89	cps
Terbium	159-1	2678127	2635067	2684747	2665980	1.01	cps
Terbium	159-2	1698728	1704253	1712495	1705159	0.41	cps
Thallium	203-1	342	467	383	397	16.02	cps
Thallium	205-1	733	758	833	775	6.72	cps
Tin	118-1	239414	240027	239124	239521	0.19	cps
Titanium	47-1	99444	98865	97145	98484	1.21	cps
Uranium	238-1	4193	3993	4159	4115	2.60	cps
Vanadium	51-2	84637	84664	84379	84560	0.19	cps
Yttrium	89-1	3471852	3564060	3591082	3542331	1.76	cps
Yttrium	89-2	417801	422651	426984	422478	1.09	cps
Zinc	66-2	321949	324589	321538	322692	0.51	cps

LB Number :	LB102143	Operator :	Jaswal
Lab Sample ID :	K2234-02DL2X5	Instrumnet Name :	P8
Client Sample ID :	SSSI-0401-S-DH-3DL2	Dilution Factor :	5
Date & Time Acquired ::	2019-04-16 17:34:43	DataFile Name :	040SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	90-1	38230	37837	38732	38266	1.17	cps
Zirconium	91-1	8511	8361	8520	8464	1.05	cps

LB Number :	LB102143	Operator :	Jaswal
Lab Sample ID :	K2234-02DUPDL2X5	Instrumnet Name :	P8
Client Sample ID :	SSSI-0401-S-DH-3DUPE	Dilution Factor :	5
Date & Time Acquired ::	2019-04-16 17:38:12	DataFile Name :	041SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	114333	114584	116016	114978	0.79	cps
Antimony	121-1	20859	20876	21677	21137	2.21	cps
Arsenic	75-2	3350	3356	3262	3323	1.60	cps
Barium	135-1	823592	830528	826425	826849	0.42	cps
Barium	137-1	1429857	1426357	1439617	1431944	0.48	cps
Beryllium	9-1	250	267	280	266	5.66	cps
Bismuth	209-1	1239243	1258111	1251687	1249680	0.77	cps
Bismuth	209-2	997523	1019539	1015043	1010702	1.15	cps
Boron	11-1	3476	3267	3301	3348	3.34	cps
Boron	10-1	742	717	658	706	6.06	cps
Cadmium	106-1	11380	11247	11063	11230	1.42	cps
Cadmium	108-1	467	438	354	419	13.92	cps
Cadmium	111-1	6675	6663	6801	6713	1.14	cps
Calcium	43-1	126859	124828	128907	126865	1.61	cps
Calcium	44-1	2037512	2062850	2085168	2061843	1.16	cps
Chromium	52-2	113680	112707	114000	113462	0.59	cps
Cobalt	59-2	23503	23821	24178	23834	1.42	cps
Copper	63-2	584796	587816	580694	584435	0.61	cps
Dysprosium	156-1	7444	7186	6735	7122	5.04	cps
Dysprosium	156-2	3687	3604	3651	3647	1.15	cps
Erbium	164-1	4543	4093	4509	4381	5.72	cps
Erbium	164-2	2744	2854	3027	2875	4.97	cps
Gadolinium	160-1	5260	5426	5568	5418	2.85	cps
Gadolinium	160-2	3764	3677	3864	3768	2.48	cps
Holmium	165-1	2436228	2483923	2464783	2461645	0.98	cps
Holmium	165-2	1669757	1684300	1673345	1675801	0.45	cps
Indium	115-1	2668336	2735091	2713769	2705732	1.26	cps
Indium	115-2	502954	501126	508042	504041	0.71	cps
Iron	56-2	59009465	58768551	59873100	59217039	0.98	cps
Iron	57-2	1494176	1503426	1514143	1503915	0.66	cps
Krypton	83-1	527	400	397	441	16.80	cps
Lead	207-1	1814840	1867424	1849253	1843839	1.45	cps
Lead	208-1	8346457	8518741	8453484	8439560	1.03	cps
Lead	206-1	2113995	2167502	2187723	2156407	1.77	cps
Lithium	6-1	154870	154621	154586	154692	0.10	cps
Magnesium	24-2	113090	114795	117038	114974	1.72	cps

LB Number :	LB102143	Operator :	Jaswal
Lab Sample ID :	K2234-02DUPDL2X5	Instrumnet Name :	P8
Client Sample ID :	SSSI-0401-S-DH-3DUPE	Dilution Factor :	5
Date & Time Acquired ::	2019-04-16 17:38:12	DataFile Name :	041SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	261711	263669	266851	264077	0.98	cps
Molybdenum	94-1	18205	18680	19531	18805	3.57	cps
Molybdenum	95-1	10663	10846	10938	10816	1.30	cps
Molybdenum	96-1	13983	13132	14175	13763	4.03	cps
Molybdenum	97-1	6669	6502	7444	6872	7.32	cps
Molybdenum	98-1	17445	16219	17562	17075	4.36	cps
Neodymium	150-1	9470	9837	9604	9637	1.93	cps
Neodymium	150-2	4941	4744	4711	4799	2.59	cps
Nickel	60-2	36688	35739	37327	36585	2.18	cps
Phosphorus	31-2	5476	5943	5418	5612	5.13	cps
Potassium	39-2	52851	55168	53193	53737	2.33	cps
Rhodium	103-1	2731042	2741056	2764989	2745695	0.64	cps
Rhodium	103-2	1542468	1556148	1566903	1555173	0.79	cps
Scandium	45-1	2411864	2423654	2493148	2442889	1.80	cps
Scandium	45-2	65783	65482	66332	65866	0.65	cps
Selenium	77-2	20	10	40	23	65.47	cps
Selenium	78-2	35	35	31	34	6.31	cps
Selenium	82-1	3	130	200	111	90.03	cps
Silicon	28-1	5728927	5846149	5865703	5813593	1.27	cps
Silver	109-1	41549	39968	41582	41033	2.25	cps
Silver	107-1	44115	43213	43120	43483	1.26	cps
Sodium	23-2	43049	44538	44730	44106	2.09	cps
Strontium	86-1	94887	94627	98100	95872	2.02	cps
Strontium	88-1	815279	812528	827981	818596	1.01	cps
Sulfur	34-1	322093	317820	320551	320155	0.68	cps
Terbium	159-1	2615184	2655879	2668909	2646657	1.06	cps
Terbium	159-2	1663346	1716691	1700307	1693448	1.61	cps
Thallium	203-1	375	392	458	408	10.80	cps
Thallium	205-1	700	675	667	681	2.55	cps
Tin	118-1	226566	231711	230252	229509	1.16	cps
Titanium	47-1	93235	93897	95811	94314	1.42	cps
Uranium	238-1	3926	4026	4184	4045	3.22	cps
Vanadium	51-2	81036	80604	82103	81248	0.95	cps
Yttrium	89-1	3462851	3486672	3520787	3490103	0.83	cps
Yttrium	89-2	421862	420355	423040	421752	0.32	cps
Zinc	66-2	307504	309385	306039	307643	0.55	cps

LB Number :	LB102143	Operator :	Jaswal
Lab Sample ID :	K2234-02DUPDL2X5	Instrumnet Name :	P8
Client Sample ID :	SSSI-0401-S-DH-3DUPL	Dilution Factor :	5
Date & Time Acquired ::	2019-04-16 17:38:12	DataFile Name :	041SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	90-1	35322	36712	36876	36303	2.35	cps
Zirconium	91-1	7803	7686	7753	7747	0.76	cps

LB Number : LB102143 Operator : Jaswal
 Lab Sample ID : K2234-02LDL2X25 Instrumnet Name : P8
 Client Sample ID : SSSI-0401-S-DH-3LDL2 Dilution Factor : 25
 Date & Time Acquired :: 2019-04-16 17:41:41 DataFile Name : 042SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	23809	24067	23505	23793	1.18	cps
Antimony	121-1	4559	3992	4251	4268	6.65	cps
Arsenic	75-2	682	709	611	667	7.58	cps
Barium	135-1	172426	173668	173668	173254	0.41	cps
Barium	137-1	298482	292148	305404	298678	2.22	cps
Beryllium	9-1	60	63	80	68	15.81	cps
Bismuth	209-1	1289338	1288995	1294187	1290840	0.22	cps
Bismuth	209-2	1108118	1125297	1124035	1119150	0.86	cps
Boron	11-1	1825	1800	1800	1809	0.80	cps
Boron	10-1	258	333	342	311	14.75	cps
Cadmium	106-1	10580	10938	10613	10710	1.85	cps
Cadmium	108-1	108	163	58	110	47.48	cps
Cadmium	111-1	3128	3159	3140	3142	0.51	cps
Calcium	43-1	29598	30346	30015	29987	1.25	cps
Calcium	44-1	456198	457410	457921	457176	0.19	cps
Chromium	52-2	24178	24051	24849	24359	1.76	cps
Cobalt	59-2	4978	5244	4988	5070	2.98	cps
Copper	63-2	121886	122142	122485	122171	0.25	cps
Dysprosium	156-1	1550	1592	1450	1531	4.76	cps
Dysprosium	156-2	713	797	727	746	6.00	cps
Erbium	164-1	783	783	1025	864	16.15	cps
Erbium	164-2	673	643	603	640	5.49	cps
Gadolinium	160-1	1167	1083	1342	1197	11.01	cps
Gadolinium	160-2	823	917	797	846	7.45	cps
Holmium	165-1	2517110	2530120	2560322	2535851	0.87	cps
Holmium	165-2	1751749	1716469	1762685	1743635	1.39	cps
Indium	115-1	2758079	2774511	2757232	2763274	0.35	cps
Indium	115-2	528605	524345	521195	524715	0.71	cps
Iron	56-2	12522507	12309491	12368932	12400310	0.89	cps
Iron	57-2	311236	305318	307800	308118	0.96	cps
Krypton	83-1	437	400	503	447	11.73	cps
Lead	207-1	380651	377219	381774	379881	0.62	cps
Lead	208-1	1758359	1750289	1750372	1753007	0.26	cps
Lead	206-1	454416	449725	447224	450455	0.81	cps
Lithium	6-1	139079	138105	139779	138988	0.61	cps
Magnesium	24-2	23512	24338	23996	23949	1.73	cps

LB Number :	LB102143	Operator :	Jaswal
Lab Sample ID :	K2234-02LDL2X25	Instrumnet Name :	P8
Client Sample ID :	SSSI-0401-S-DH-3LDL2	Dilution Factor :	25
Date & Time Acquired ::	2019-04-16 17:41:41	DataFile Name :	042SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	55453	54992	55366	55270	0.44	cps
Molybdenum	94-1	4017	3917	4268	4067	4.43	cps
Molybdenum	95-1	2184	2500	2642	2442	9.61	cps
Molybdenum	96-1	2917	3025	3009	2984	1.96	cps
Molybdenum	97-1	1442	1500	1425	1456	2.71	cps
Molybdenum	98-1	3559	3717	3517	3598	2.93	cps
Neodymium	150-1	1900	2247	2087	2078	8.35	cps
Neodymium	150-2	1050	1133	1017	1067	5.63	cps
Nickel	60-2	7492	7442	7272	7402	1.56	cps
Phosphorus	31-2	1275	925	1275	1158	17.45	cps
Potassium	39-2	25023	24873	24497	24798	1.09	cps
Rhodium	103-1	2804984	2803938	2870531	2826484	1.35	cps
Rhodium	103-2	1593943	1613037	1583584	1596855	0.94	cps
Scandium	45-1	2415295	2441386	2461058	2439246	0.94	cps
Scandium	45-2	66118	66416	66821	66452	0.53	cps
Selenium	77-2	10	0	3	4	114.60	cps
Selenium	78-2	26	15	7	16	58.08	cps
Selenium	82-1	-2	30	-63	-12	-400.83	cps
Silicon	28-1	3833940	3849486	3841452	3841626	0.20	cps
Silver	109-1	9429	8661	9254	9115	4.41	cps
Silver	107-1	9095	9162	9512	9256	2.42	cps
Sodium	23-2	18805	20048	19306	19386	3.23	cps
Strontium	86-1	21067	20792	21084	20981	0.78	cps
Strontium	88-1	172639	171529	171086	171751	0.47	cps
Sulfur	34-1	268641	272013	271680	270778	0.69	cps
Terbium	159-1	2611689	2707692	2685560	2668314	1.88	cps
Terbium	159-2	1758915	1776890	1739885	1758563	1.05	cps
Thallium	203-1	183	150	192	175	12.60	cps
Thallium	205-1	342	367	317	342	7.32	cps
Tin	118-1	48046	49099	49225	48790	1.33	cps
Titanium	47-1	31194	30760	31712	31222	1.53	cps
Uranium	238-1	900	833	850	861	4.03	cps
Vanadium	51-2	17237	16647	17134	17006	1.85	cps
Yttrium	89-1	3425621	3414596	3478245	3439487	0.99	cps
Yttrium	89-2	421239	425175	423016	423143	0.47	cps
Zinc	66-2	65939	64794	64389	65041	1.24	cps

LB Number :	LB102143	Operator :	Jaswal
Lab Sample ID :	K2234-02LDL2X25	Instrumnet Name :	P8
Client Sample ID :	SSSI-0401-S-DH-3LDL2	Dilution Factor :	25
Date & Time Acquired ::	2019-04-16 17:41:41	DataFile Name :	042SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	90-1	7928	7586	7577	7697	2.60	cps
Zirconium	91-1	1742	1559	1734	1678	6.17	cps

LB Number : LB102143 Operator : Jaswal
 Lab Sample ID : K2234-02MSDL2X5 Instrumnet Name : P8
 Client Sample ID : SSSI-0401-S-DH-3MSDL Dilution Factor : 5
 Date & Time Acquired :: 2019-04-16 17:45:13 DataFile Name : 043SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	139462	139487	142634	140527	1.30	cps
Antimony	121-1	346527	349160	344508	346731	0.67	cps
Arsenic	75-2	19686	19618	19314	19539	1.02	cps
Barium	135-1	1179495	1188634	1180203	1182777	0.43	cps
Barium	137-1	2091468	2077206	2089254	2085976	0.37	cps
Beryllium	9-1	25303	25092	26284	25560	2.49	cps
Bismuth	209-1	1322414	1346457	1339231	1336034	0.92	cps
Bismuth	209-2	1179910	1189327	1198372	1189203	0.78	cps
Boron	11-1	20440	19406	19673	19840	2.71	cps
Boron	10-1	3292	3476	3867	3545	8.29	cps
Cadmium	106-1	20224	19515	20692	20144	2.94	cps
Cadmium	108-1	6368	6185	6110	6221	2.14	cps
Cadmium	111-1	84288	85897	85049	85078	0.95	cps
Calcium	43-1	232060	232906	233741	232902	0.36	cps
Calcium	44-1	3761631	3749275	3773206	3761371	0.32	cps
Chromium	52-2	211376	212681	211863	211973	0.31	cps
Cobalt	59-2	193377	193475	195939	194264	0.75	cps
Copper	63-2	842815	833907	847433	841385	0.82	cps
Dysprosium	156-1	7878	7711	7803	7797	1.07	cps
Dysprosium	156-2	3907	3924	3964	3932	0.74	cps
Erbium	164-1	4934	4643	4443	4673	5.29	cps
Erbium	164-2	3054	3000	3144	3066	2.36	cps
Gadolinium	160-1	5735	5518	5651	5635	1.94	cps
Gadolinium	160-2	4154	4167	4424	4249	3.58	cps
Holmium	165-1	2599811	2621058	2599287	2606719	0.48	cps
Holmium	165-2	1851661	1819551	1839676	1836963	0.88	cps
Indium	115-1	2791293	2877450	2848208	2838984	1.54	cps
Indium	115-2	539755	539494	536075	538441	0.38	cps
Iron	56-2	63541946	64005446	63698450	63748614	0.37	cps
Iron	57-2	1627246	1634534	1622328	1628036	0.38	cps
Krypton	83-1	467	497	540	501	7.36	cps
Lead	207-1	2037401	2061477	2073836	2057571	0.90	cps
Lead	208-1	9351392	9512361	9531992	9465249	1.05	cps
Lead	206-1	2383568	2445085	2440347	2423000	1.41	cps
Lithium	6-1	134080	136205	137766	136017	1.36	cps
Magnesium	24-2	519940	528216	528370	525509	0.92	cps

LB Number :	LB102143	Operator :	Jaswal
Lab Sample ID :	K2234-02MSDL2X5	Instrumnet Name :	P8
Client Sample ID :	SSSI-0401-S-DH-3MSDL	Dilution Factor :	5
Date & Time Acquired ::	2019-04-16 17:45:13	DataFile Name :	043SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	349625	350971	351419	350672	0.27	cps
Molybdenum	94-1	678678	679920	676914	678504	0.22	cps
Molybdenum	95-1	816608	837230	827675	827171	1.25	cps
Molybdenum	96-1	900514	917760	917915	912063	1.10	cps
Molybdenum	97-1	499428	506010	509330	504923	1.00	cps
Molybdenum	98-1	1289394	1287648	1297630	1291558	0.41	cps
Neodymium	150-1	9831	10498	10298	10209	3.35	cps
Neodymium	150-2	5178	5188	5228	5198	0.51	cps
Nickel	60-2	84773	84377	85608	84919	0.74	cps
Phosphorus	31-2	5960	6002	5593	5852	3.84	cps
Potassium	39-2	262780	264237	259232	262083	0.98	cps
Rhodium	103-1	2848617	2862639	2844045	2851767	0.34	cps
Rhodium	103-2	1657939	1642584	1626756	1642426	0.95	cps
Scandium	45-1	2475308	2498018	2491182	2488169	0.47	cps
Scandium	45-2	67334	68627	67769	67910	0.97	cps
Selenium	77-2	223	237	250	237	5.63	cps
Selenium	78-2	759	659	713	711	7.04	cps
Selenium	82-1	6408	6296	6448	6384	1.23	cps
Silicon	28-1	5924505	5904976	5918849	5916110	0.17	cps
Silver	109-1	383663	394999	392232	390298	1.51	cps
Silver	107-1	414073	414127	416407	414869	0.32	cps
Sodium	23-2	952475	966986	962362	960607	0.77	cps
Strontium	86-1	208334	206579	207151	207355	0.43	cps
Strontium	88-1	1815555	1816233	1807401	1813063	0.27	cps
Sulfur	34-1	325164	325927	327886	326326	0.43	cps
Terbium	159-1	2798732	2881694	2814570	2831665	1.56	cps
Terbium	159-2	1855715	1848934	1848700	1851116	0.22	cps
Thallium	203-1	151337	149262	150874	150491	0.72	cps
Thallium	205-1	355057	358301	360052	357803	0.71	cps
Tin	118-1	455452	460819	457749	458007	0.59	cps
Titanium	47-1	354797	351792	354885	353825	0.50	cps
Uranium	238-1	402698	412211	402372	405761	1.38	cps
Vanadium	51-2	156997	160499	157702	158399	1.17	cps
Yttrium	89-1	3620099	3655976	3689080	3655052	0.94	cps
Yttrium	89-2	444553	439858	443229	442547	0.55	cps
Zinc	66-2	347423	355106	355211	352580	1.27	cps

LB Number :	LB102143	Operator :	Jaswal
Lab Sample ID :	K2234-02MSDL2X5	Instrumnet Name :	P8
Client Sample ID :	SSSI-0401-S-DH-3MSDL	Dilution Factor :	5
Date & Time Acquired ::	2019-04-16 17:45:13	DataFile Name :	043SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	90-1	593509	587950	600890	594117	1.09	cps
Zirconium	91-1	131547	130616	133005	131723	0.91	cps

LB Number :	LB102143	Operator :	Jaswal
Lab Sample ID :	CCV81	Instrumnet Name :	P8
Client Sample ID :	CCV81	Dilution Factor :	1
Date & Time Acquired ::	2019-04-16 17:48:52	DataFile Name :	044SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	799789	798854	802772	800472	0.26	cps
Antimony	121-1	1947560	2001595	2017679	1988945	1.85	cps
Arsenic	75-2	94515	94386	94395	94432	0.08	cps
Barium	135-1	1887236	1923447	1937964	1916216	1.36	cps
Barium	137-1	3271251	3353216	3323060	3315842	1.25	cps
Beryllium	9-1	196470	204446	203035	201317	2.11	cps
Bismuth	209-1	1459676	1484150	1480281	1474702	0.89	cps
Bismuth	209-2	1310628	1311501	1293851	1305327	0.76	cps
Boron	11-1	124708	132521	131057	129428	3.21	cps
Boron	10-1	25307	24764	25357	25142	1.31	cps
Cadmium	106-1	62086	64154	62990	63077	1.64	cps
Cadmium	108-1	34490	35042	35242	34925	1.11	cps
Cadmium	111-1	452214	462556	457727	457499	1.13	cps
Calcium	43-1	3238262	3222169	3292133	3250855	1.13	cps
Calcium	44-1	51450781	51560481	52507424	51839562	1.12	cps
Chromium	52-2	551233	551900	551791	551641	0.06	cps
Cobalt	59-2	948823	947712	947567	948034	0.07	cps
Copper	63-2	1424529	1419219	1430775	1424841	0.41	cps
Dysprosium	156-1	142	192	142	158	18.23	cps
Dysprosium	156-2	23	27	17	22	22.91	cps
Erbium	164-1	17	8	0	8	100.02	cps
Erbium	164-2	10	17	3	10	66.70	cps
Gadolinium	160-1	92	92	42	75	38.49	cps
Gadolinium	160-2	57	50	43	50	13.34	cps
Holmium	165-1	2904178	3009774	2933513	2949155	1.85	cps
Holmium	165-2	2044530	2071458	2051726	2055905	0.68	cps
Indium	115-1	3043594	3089777	3055995	3063122	0.78	cps
Indium	115-2	575266	576157	577773	576399	0.22	cps
Iron	56-2	104307091	104352905	103494180	104051392	0.46	cps
Iron	57-2	2676240	2659054	2642705	2659333	0.63	cps
Krypton	83-1	447	513	520	493	8.22	cps
Lead	207-1	644942	655825	659360	653376	1.15	cps
Lead	208-1	2882915	2937013	2934223	2918050	1.04	cps
Lead	206-1	713836	725470	722337	720548	0.84	cps
Lithium	6-1	206720	215057	217346	213041	2.63	cps
Magnesium	24-2	11914019	11814158	11845452	11857876	0.43	cps

LB Number :	LB102143	Operator :	Jaswal
Lab Sample ID :	CCV81	Instrumnet Name :	P8
Client Sample ID :	CCV81	Dilution Factor :	1
Date & Time Acquired ::	2019-04-16 17:48:52	DataFile Name :	044SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	466107	465927	466487	466174	0.06	cps
Molybdenum	94-1	3770861	3867829	3821743	3820145	1.27	cps
Molybdenum	95-1	4605415	4617151	4669541	4630702	0.74	cps
Molybdenum	96-1	5118565	5192237	5129808	5146870	0.77	cps
Molybdenum	97-1	2811373	2900567	2880731	2864223	1.64	cps
Molybdenum	98-1	7089291	7233552	7232817	7185220	1.16	cps
Neodymium	150-1	160	120	147	142	14.32	cps
Neodymium	150-2	13	17	17	16	12.40	cps
Nickel	60-2	259547	260951	262457	260985	0.56	cps
Phosphorus	31-2	14867	14399	14600	14622	1.60	cps
Potassium	39-2	5975382	6037246	6031026	6014551	0.57	cps
Rhodium	103-1	2957377	3025825	3098793	3027332	2.34	cps
Rhodium	103-2	1695156	1663737	1688781	1682558	0.99	cps
Scandium	45-1	2644461	2684317	2744480	2691086	1.87	cps
Scandium	45-2	71736	71394	72657	71929	0.91	cps
Selenium	77-2	1020	1150	1113	1095	6.12	cps
Selenium	78-2	3904	3856	3682	3814	3.07	cps
Selenium	82-1	36948	36603	36875	36809	0.49	cps
Silicon	28-1	4523864	4547640	4549006	4540170	0.31	cps
Silver	109-1	2041215	2102845	2087797	2077286	1.55	cps
Silver	107-1	2163775	2176237	2233759	2191257	1.70	cps
Sodium	23-2	26413979	26281074	26232397	26309150	0.36	cps
Strontium	86-1	624344	621013	627734	624364	0.54	cps
Strontium	88-1	5299868	5330866	5367032	5332589	0.63	cps
Sulfur	34-1	565185	547124	541425	551244	2.25	cps
Terbium	159-1	3168054	3222201	3170082	3186779	0.96	cps
Terbium	159-2	2102998	2096139	2077435	2092191	0.63	cps
Thallium	203-1	906226	925968	916453	916216	1.08	cps
Thallium	205-1	2201992	2214222	2199582	2205265	0.36	cps
Tin	118-1	1267840	1289134	1300307	1285760	1.28	cps
Titanium	47-1	1534859	1554317	1562696	1550624	0.92	cps
Uranium	238-1	2579153	2659962	2684715	2641276	2.09	cps
Vanadium	51-2	435922	432132	434180	434078	0.44	cps
Yttrium	89-1	3873127	3896996	3926179	3898767	0.68	cps
Yttrium	89-2	461490	457880	460470	459947	0.40	cps
Zinc	66-2	219281	218805	219525	219204	0.17	cps

LB Number :	LB102143	Operator :	Jaswal
Lab Sample ID :	CCV81	Instrumnet Name :	P8
Client Sample ID :	CCV81	Dilution Factor :	1
Date & Time Acquired ::	2019-04-16 17:48:52	DataFile Name :	044SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	90-1	3269029	3283605	3295190	3282608	0.40	cps
Zirconium	91-1	708468	718061	710882	712470	0.70	cps

LB Number :	LB102143	Operator :	Jaswal
Lab Sample ID :	CCB81	Instrumnet Name :	P8
Client Sample ID :	CCB81	Dilution Factor :	1
Date & Time Acquired ::	2019-04-16 17:56:43	DataFile Name :	045SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	68	73	60	67	9.43	cps
Antimony	121-1	208	250	183	214	15.75	cps
Arsenic	75-2	9	11	7	9	19.98	cps
Barium	135-1	33	58	42	44	28.65	cps
Barium	137-1	92	83	100	92	9.09	cps
Beryllium	9-1	37	47	60	48	24.50	cps
Bismuth	209-1	1442430	1447395	1443986	1444604	0.18	cps
Bismuth	209-2	1264585	1260181	1274497	1266421	0.58	cps
Boron	11-1	2125	2000	2034	2053	3.15	cps
Boron	10-1	500	383	392	425	15.32	cps
Cadmium	106-1	11205	11005	11072	11094	0.92	cps
Cadmium	108-1	29	25	17	24	26.95	cps
Cadmium	111-1	2248	2204	2232	2228	0.98	cps
Calcium	43-1	5171	4984	5184	5113	2.19	cps
Calcium	44-1	53538	53488	54599	53875	1.16	cps
Chromium	52-2	460	510	540	503	8.03	cps
Cobalt	59-2	50	77	87	71	26.66	cps
Copper	63-2	613	620	567	600	4.84	cps
Dysprosium	156-1	17	25	25	22	21.64	cps
Dysprosium	156-2	3	0	3	2	86.60	cps
Erbium	164-1	8	0	8	6	86.60	cps
Erbium	164-2	13	10	3	9	57.30	cps
Gadolinium	160-1	42	83	58	61	34.32	cps
Gadolinium	160-2	13	23	27	21	32.88	cps
Holmium	165-1	2802005	2730848	2808564	2780472	1.55	cps
Holmium	165-2	1904101	1928692	1882000	1904931	1.23	cps
Indium	115-1	3046295	3035125	3031759	3037726	0.25	cps
Indium	115-2	569387	575319	576565	573757	0.67	cps
Iron	56-2	2000	1961	1711	1891	8.29	cps
Iron	57-2	167	178	172	172	3.23	cps
Krypton	83-1	523	583	510	539	7.25	cps
Lead	207-1	2056	1995	1984	2011	1.93	cps
Lead	208-1	9624	9391	8979	9331	3.50	cps
Lead	206-1	2639	2328	2206	2391	9.35	cps
Lithium	6-1	208025	206755	210843	208541	1.00	cps
Magnesium	24-2	75	67	58	67	12.49	cps

LB Number :	LB102143	Operator :	Jaswal
Lab Sample ID :	CCB81	Instrumnet Name :	P8
Client Sample ID :	CCB81	Dilution Factor :	1
Date & Time Acquired ::	2019-04-16 17:56:43	DataFile Name :	045SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	20	17	27	21	24.12	cps
Molybdenum	94-1	167	150	117	144	17.63	cps
Molybdenum	95-1	58	58	75	64	15.05	cps
Molybdenum	96-1	108	100	75	94	18.37	cps
Molybdenum	97-1	83	17	50	50	66.67	cps
Molybdenum	98-1	58	108	100	89	30.13	cps
Neodymium	150-1	0	7	13	7	99.98	cps
Neodymium	150-2	0	0	0	0	0.00	cps
Nickel	60-2	23	30	17	23	28.56	cps
Phosphorus	31-2	25	42	50	39	32.73	cps
Potassium	39-2	18129	18354	20182	18888	5.96	cps
Rhodium	103-1	3055755	3058860	3111206	3075273	1.01	cps
Rhodium	103-2	1698333	1729235	1713743	1713770	0.90	cps
Scandium	45-1	2597008	2616555	2623350	2612304	0.52	cps
Scandium	45-2	68275	69086	68452	68604	0.62	cps
Selenium	77-2	0	0	0	0	0.00	cps
Selenium	78-2	11	24	22	19	36.64	cps
Selenium	82-1	-32	-111	-33	-59	-76.58	cps
Silicon	28-1	3495862	3498019	3517456	3503779	0.34	cps
Silver	109-1	242	258	233	244	5.21	cps
Silver	107-1	333	283	267	294	11.78	cps
Sodium	23-2	17728	16644	15776	16716	5.85	cps
Strontium	86-1	775	650	742	722	8.96	cps
Strontium	88-1	75	92	117	94	22.21	cps
Sulfur	34-1	358420	356951	359508	358293	0.36	cps
Terbium	159-1	3024336	2987464	2951310	2987703	1.22	cps
Terbium	159-2	1936757	1936514	1935554	1936275	0.03	cps
Thallium	203-1	142	100	175	139	27.05	cps
Thallium	205-1	358	267	317	314	14.62	cps
Tin	118-1	233	233	258	242	5.97	cps
Titanium	47-1	14767	14817	13849	14478	3.76	cps
Uranium	238-1	33	25	25	28	17.31	cps
Vanadium	51-2	63	50	47	53	16.53	cps
Yttrium	89-1	3704912	3651091	3697196	3684400	0.79	cps
Yttrium	89-2	443543	446667	442852	444354	0.46	cps
Zinc	66-2	263	300	277	280	6.63	cps

LB Number :	LB102143	Operator :	Jaswal
Lab Sample ID :	CCB81	Instrumnet Name :	P8
Client Sample ID :	CCB81	Dilution Factor :	1
Date & Time Acquired ::	2019-04-16 17:56:43	DataFile Name :	045SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	90-1	375	375	242	331	23.29	cps
Zirconium	91-1	58	117	67	81	39.16	cps

LB Number : LB102143 Operator : Jaswal
 Lab Sample ID : K2234-02MSDDL2X5 Instrumnet Name : P8
 Client Sample ID : SSSI-0401-S-DH-3MSDE Dilution Factor : 5
 Date & Time Acquired :: 2019-04-16 18:00:16 DataFile Name : 046SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	145977	144955	145934	145622	0.40	cps
Antimony	121-1	351741	353580	357464	354262	0.82	cps
Arsenic	75-2	19922	19888	19670	19827	0.69	cps
Barium	135-1	1211826	1221351	1223975	1219051	0.52	cps
Barium	137-1	2133601	2162216	2142966	2146261	0.68	cps
Beryllium	9-1	32851	33172	33650	33224	1.21	cps
Bismuth	209-1	1386173	1402165	1416602	1401647	1.09	cps
Bismuth	209-2	1215460	1209781	1223348	1216196	0.56	cps
Boron	11-1	24505	23871	24839	24405	2.02	cps
Boron	10-1	4634	4484	4868	4662	4.14	cps
Cadmium	106-1	21502	19824	21693	21006	4.90	cps
Cadmium	108-1	6835	6806	6302	6648	4.51	cps
Cadmium	111-1	87321	87746	88691	87919	0.80	cps
Calcium	43-1	245836	243975	243900	244570	0.45	cps
Calcium	44-1	3977575	3971409	3937250	3962078	0.55	cps
Chromium	52-2	215514	214638	213808	214653	0.40	cps
Cobalt	59-2	199375	198754	199581	199237	0.22	cps
Copper	63-2	865004	859496	860267	861589	0.35	cps
Dysprosium	156-1	7636	8161	8411	8070	4.90	cps
Dysprosium	156-2	3921	4007	4031	3986	1.45	cps
Erbium	164-1	4818	5126	4518	4821	6.31	cps
Erbium	164-2	3364	3150	3167	3227	3.68	cps
Gadolinium	160-1	5626	5685	5718	5677	0.82	cps
Gadolinium	160-2	4337	4354	4221	4304	1.69	cps
Holmium	165-1	2678553	2747838	2732346	2719579	1.34	cps
Holmium	165-2	1904406	1900059	1901431	1901965	0.12	cps
Indium	115-1	2921754	2927751	2952818	2934108	0.56	cps
Indium	115-2	556460	557528	561992	558660	0.53	cps
Iron	56-2	64819803	65121288	65166613	65035901	0.29	cps
Iron	57-2	1658523	1627143	1650873	1645513	0.99	cps
Krypton	83-1	483	480	497	487	1.81	cps
Lead	207-1	2064829	2118350	2107803	2096994	1.35	cps
Lead	208-1	9601172	9756367	9679156	9678899	0.80	cps
Lead	206-1	2458015	2517246	2471077	2482113	1.25	cps
Lithium	6-1	191283	189855	190346	190495	0.38	cps
Magnesium	24-2	548796	552281	552584	551220	0.38	cps

LB Number : LB102143 Operator : Jaswal
 Lab Sample ID : K2234-02MSDDL2X5 Instrumnet Name : P8
 Client Sample ID : SSSI-0401-S-DH-3MSDL Dilution Factor : 5
 Date & Time Acquired :: 2019-04-16 18:00:16 DataFile Name : 046SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	360623	357842	356147	358204	0.63	cps
Molybdenum	94-1	696739	696770	699607	697705	0.24	cps
Molybdenum	95-1	851735	850975	851577	851429	0.05	cps
Molybdenum	96-1	942185	939802	943840	941942	0.22	cps
Molybdenum	97-1	522134	516626	527043	521935	1.00	cps
Molybdenum	98-1	1321764	1328003	1353748	1334505	1.27	cps
Neodymium	150-1	10144	10138	9684	9989	2.64	cps
Neodymium	150-2	4944	5248	5338	5177	3.98	cps
Nickel	60-2	86510	85689	84565	85588	1.14	cps
Phosphorus	31-2	6168	6193	5735	6032	4.27	cps
Potassium	39-2	270214	270286	268968	269823	0.27	cps
Rhodium	103-1	2969646	2940352	3021438	2977146	1.38	cps
Rhodium	103-2	1688540	1685563	1690347	1688150	0.14	cps
Scandium	45-1	2639750	2624889	2647825	2637488	0.44	cps
Scandium	45-2	68945	70375	70024	69781	1.07	cps
Selenium	77-2	227	197	163	196	16.20	cps
Selenium	78-2	733	783	759	759	3.30	cps
Selenium	82-1	6726	6639	6588	6651	1.05	cps
Silicon	28-1	6263440	6306726	6364167	6311444	0.80	cps
Silver	109-1	401528	401418	403265	402070	0.26	cps
Silver	107-1	426454	423470	423554	424493	0.40	cps
Sodium	23-2	1002757	1032835	1027275	1020956	1.57	cps
Strontium	86-1	210424	212207	210857	211163	0.44	cps
Strontium	88-1	1849871	1857997	1831159	1846342	0.75	cps
Sulfur	34-1	385166	386877	386769	386270	0.25	cps
Terbium	159-1	2912167	2941532	2982680	2945460	1.20	cps
Terbium	159-2	1922312	1918425	1919166	1919968	0.11	cps
Thallium	203-1	157340	156210	157035	156862	0.37	cps
Thallium	205-1	371435	374791	372310	372845	0.47	cps
Tin	118-1	463034	466523	469021	466192	0.65	cps
Titanium	47-1	369663	371284	371154	370700	0.24	cps
Uranium	238-1	423020	422446	421990	422485	0.12	cps
Vanadium	51-2	161320	161998	160323	161214	0.52	cps
Yttrium	89-1	3756183	3779800	3749274	3761752	0.43	cps
Yttrium	89-2	455225	455076	456427	455576	0.16	cps
Zinc	66-2	361524	362764	359914	361401	0.40	cps

LB Number :	LB102143	Operator :	Jaswal
Lab Sample ID :	K2234-02MSDDL2X5	Instrumnet Name :	P8
Client Sample ID :	SSSI-0401-S-DH-3MSDL	Dilution Factor :	5
Date & Time Acquired ::	2019-04-16 18:00:16	DataFile Name :	046SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	90-1	609742	608955	609730	609476	0.07	cps
Zirconium	91-1	135352	134864	135496	135237	0.24	cps

LB Number : LB102143 Operator : Jaswal
 Lab Sample ID : K2234-02ADL2X5 Instrumnet Name : P8
 Client Sample ID : SSSI-0401-S-DH-3ADL2 Dilution Factor : 5
 Date & Time Acquired :: 2019-04-16 18:03:43 DataFile Name : 047SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	149441	149165	150214	149607	0.36	cps
Antimony	121-1	362981	370892	370388	368087	1.20	cps
Arsenic	75-2	20478	20697	20593	20589	0.53	cps
Barium	135-1	1257536	1267467	1279569	1268190	0.87	cps
Barium	137-1	2191899	2252663	2252300	2232287	1.57	cps
Beryllium	9-1	35401	35173	36183	35585	1.49	cps
Bismuth	209-1	1448125	1437099	1450501	1445242	0.49	cps
Bismuth	209-2	1247433	1254158	1233113	1244901	0.86	cps
Boron	11-1	25557	25248	26784	25863	3.14	cps
Boron	10-1	4518	4443	5118	4693	7.89	cps
Cadmium	106-1	21468	21735	21301	21501	1.02	cps
Cadmium	108-1	7135	6819	7031	6995	2.31	cps
Cadmium	111-1	90219	91871	91774	91288	1.02	cps
Calcium	43-1	249166	250802	249550	249839	0.34	cps
Calcium	44-1	4073851	4101486	4069899	4081745	0.42	cps
Chromium	52-2	221084	222493	222156	221911	0.33	cps
Cobalt	59-2	207246	204260	203355	204954	0.99	cps
Copper	63-2	874701	881708	880519	878976	0.43	cps
Dysprosium	156-1	8345	8503	8086	8311	2.53	cps
Dysprosium	156-2	4127	4264	4061	4151	2.50	cps
Erbium	164-1	4943	4834	4893	4890	1.11	cps
Erbium	164-2	3254	3237	3304	3265	1.06	cps
Gadolinium	160-1	5435	5960	5827	5740	4.76	cps
Gadolinium	160-2	4681	4411	4381	4491	3.68	cps
Holmium	165-1	2799545	2792815	2821135	2804498	0.53	cps
Holmium	165-2	1936129	1941852	1908518	1928833	0.92	cps
Indium	115-1	2952543	3008888	2991607	2984346	0.97	cps
Indium	115-2	563078	565539	563073	563897	0.25	cps
Iron	56-2	67626796	67842425	66633188	67367470	0.96	cps
Iron	57-2	1699362	1712533	1723660	1711852	0.71	cps
Krypton	83-1	507	540	483	510	5.58	cps
Lead	207-1	2214008	2186093	2229579	2209893	1.00	cps
Lead	208-1	10149040	10112455	10275669	10179054	0.84	cps
Lead	206-1	2604484	2603996	2630846	2613109	0.59	cps
Lithium	6-1	199413	196177	197173	197587	0.84	cps
Magnesium	24-2	562166	567607	563170	564314	0.51	cps

LB Number :	LB102143	Operator :	Jaswal
Lab Sample ID :	K2234-02ADL2X5	Instrumnet Name :	P8
Client Sample ID :	SSSI-0401-S-DH-3ADL2	Dilution Factor :	5
Date & Time Acquired ::	2019-04-16 18:03:43	DataFile Name :	047SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	368433	371026	369445	369635	0.35	cps
Molybdenum	94-1	735857	732019	724689	730855	0.78	cps
Molybdenum	95-1	894486	885858	880418	886920	0.80	cps
Molybdenum	96-1	992139	965799	972538	976825	1.40	cps
Molybdenum	97-1	546593	538969	542477	542680	0.70	cps
Molybdenum	98-1	1404679	1354643	1410408	1389910	2.21	cps
Neodymium	150-1	10805	10591	11132	10843	2.51	cps
Neodymium	150-2	5518	5491	5638	5549	1.41	cps
Nickel	60-2	88788	88352	88180	88440	0.35	cps
Phosphorus	31-2	5943	6118	6043	6035	1.46	cps
Potassium	39-2	275991	275614	281862	277822	1.26	cps
Rhodium	103-1	3050763	3017625	3052618	3040335	0.65	cps
Rhodium	103-2	1702181	1713629	1702529	1706113	0.38	cps
Scandium	45-1	2697253	2675982	2665531	2679589	0.60	cps
Scandium	45-2	71139	70911	71236	71095	0.23	cps
Selenium	77-2	250	230	197	226	11.95	cps
Selenium	78-2	765	769	700	744	5.18	cps
Selenium	82-1	6706	6543	6816	6689	2.05	cps
Silicon	28-1	6473369	6440347	6482573	6465430	0.34	cps
Silver	109-1	414529	414960	421499	416996	0.94	cps
Silver	107-1	445577	436620	443573	441923	1.06	cps
Sodium	23-2	1054129	1047676	1082509	1061438	1.75	cps
Strontium	86-1	219958	219890	219084	219644	0.22	cps
Strontium	88-1	1913218	1929341	1931920	1924826	0.53	cps
Sulfur	34-1	393282	396752	394646	394894	0.44	cps
Terbium	159-1	2945048	3002721	2997569	2981779	1.07	cps
Terbium	159-2	1976923	1963025	1946848	1962266	0.77	cps
Thallium	203-1	164819	163365	165070	164418	0.56	cps
Thallium	205-1	389715	387497	396268	391160	1.17	cps
Tin	118-1	483669	487743	483570	484994	0.49	cps
Titanium	47-1	381626	377051	380607	379761	0.63	cps
Uranium	238-1	443559	435525	446215	441766	1.26	cps
Vanadium	51-2	164305	165986	167555	165949	0.98	cps
Yttrium	89-1	3824143	3827899	3883743	3845261	0.87	cps
Yttrium	89-2	465806	462255	460605	462889	0.57	cps
Zinc	66-2	371504	371829	371893	371742	0.06	cps

LB Number :	LB102143	Operator :	Jaswal
Lab Sample ID :	K2234-02ADL2X5	Instrumnet Name :	P8
Client Sample ID :	SSSI-0401-S-DH-3ADL2	Dilution Factor :	5
Date & Time Acquired ::	2019-04-16 18:03:43	DataFile Name :	047SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	90-1	632192	636168	628266	632209	0.62	cps
Zirconium	91-1	139669	141352	139073	140031	0.84	cps

LB Number :	LB102143	Operator :	Jaswal
Lab Sample ID :	CCV82	Instrumnet Name :	P8
Client Sample ID :	CCV82	Dilution Factor :	1
Date & Time Acquired ::	2019-04-16 18:08:48	DataFile Name :	048CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	793773	805094	803250	800706	0.76	cps
Antimony	121-1	1921356	1927836	1916792	1921995	0.29	cps
Arsenic	75-2	91092	91767	92121	91660	0.57	cps
Barium	135-1	1853419	1852382	1808262	1838021	1.40	cps
Barium	137-1	3144567	3193756	3169941	3169421	0.78	cps
Beryllium	9-1	217393	221637	221837	220289	1.14	cps
Bismuth	209-1	1398655	1395077	1390128	1394620	0.31	cps
Bismuth	209-2	1196081	1180124	1189712	1188639	0.68	cps
Boron	11-1	135891	141401	144031	140441	2.96	cps
Boron	10-1	26283	27344	27544	27057	2.50	cps
Cadmium	106-1	59323	58771	59223	59106	0.50	cps
Cadmium	108-1	33730	33509	33103	33447	0.95	cps
Cadmium	111-1	439456	436679	439769	438635	0.39	cps
Calcium	43-1	3235523	3255745	3187741	3226336	1.08	cps
Calcium	44-1	51784079	51787933	51467133	51679715	0.36	cps
Chromium	52-2	538744	543880	541473	541366	0.47	cps
Cobalt	59-2	929651	930254	925540	928482	0.28	cps
Copper	63-2	1401684	1387408	1386121	1391738	0.62	cps
Dysprosium	156-1	108	142	175	142	23.53	cps
Dysprosium	156-2	13	13	20	16	24.76	cps
Erbium	164-1	25	0	8	11	114.58	cps
Erbium	164-2	23	10	7	13	66.12	cps
Gadolinium	160-1	25	33	50	36	35.25	cps
Gadolinium	160-2	50	37	23	37	36.37	cps
Holmium	165-1	2800679	2807868	2828891	2812479	0.52	cps
Holmium	165-2	1937432	1936421	1933430	1935761	0.11	cps
Indium	115-1	2932574	2927403	2975247	2945075	0.89	cps
Indium	115-2	553152	549894	558500	553849	0.78	cps
Iron	56-2	101640199	102529502	101283944	101817882	0.63	cps
Iron	57-2	2530337	2602885	2590143	2574455	1.50	cps
Krypton	83-1	420	547	487	484	13.08	cps
Lead	207-1	618354	622206	611722	617427	0.86	cps
Lead	208-1	2773631	2777285	2738169	2763028	0.78	cps
Lead	206-1	683408	691902	676598	683969	1.12	cps
Lithium	6-1	238974	247752	249687	245471	2.33	cps
Magnesium	24-2	11738857	11769404	11919128	11809130	0.82	cps

LB Number :	LB102143	Operator :	Jaswal
Lab Sample ID :	CCV82	Instrumnet Name :	P8
Client Sample ID :	CCV82	Dilution Factor :	1
Date & Time Acquired ::	2019-04-16 18:08:48	DataFile Name :	048CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	453769	454133	453864	453922	0.04	cps
Molybdenum	94-1	3654220	3705169	3715298	3691563	0.89	cps
Molybdenum	95-1	4477453	4515741	4434551	4475915	0.91	cps
Molybdenum	96-1	4915356	4992394	4988153	4965301	0.87	cps
Molybdenum	97-1	2792684	2767133	2831161	2796993	1.15	cps
Molybdenum	98-1	6907553	6995488	6942738	6948593	0.64	cps
Neodymium	150-1	113	113	153	127	18.23	cps
Neodymium	150-2	23	20	20	21	9.11	cps
Nickel	60-2	258436	255797	256135	256789	0.56	cps
Phosphorus	31-2	14541	15050	14333	14642	2.52	cps
Potassium	39-2	5995571	6036636	5936172	5989460	0.84	cps
Rhodium	103-1	2930718	2912504	2978779	2940667	1.16	cps
Rhodium	103-2	1613744	1620055	1624168	1619322	0.32	cps
Scandium	45-1	2640821	2699755	2688032	2676203	1.17	cps
Scandium	45-2	72254	71731	71313	71766	0.66	cps
Selenium	77-2	993	1020	1153	1056	8.12	cps
Selenium	78-2	3736	3721	3702	3720	0.45	cps
Selenium	82-1	35560	35752	35746	35686	0.31	cps
Silicon	28-1	4557180	4577396	4661376	4598651	1.20	cps
Silver	109-1	2007688	2021396	1981523	2003536	1.01	cps
Silver	107-1	2139221	2108995	2101833	2116683	0.94	cps
Sodium	23-2	26333378	26505427	26683038	26507281	0.66	cps
Strontium	86-1	604305	600824	597249	600793	0.59	cps
Strontium	88-1	5195092	5174732	5187071	5185631	0.20	cps
Sulfur	34-1	581383	566143	566755	571427	1.51	cps
Terbium	159-1	3004506	3026648	3030439	3020531	0.46	cps
Terbium	159-2	1963395	1926267	1951523	1947062	0.97	cps
Thallium	203-1	871452	871210	858667	867110	0.84	cps
Thallium	205-1	2105049	2118572	2054268	2092629	1.62	cps
Tin	118-1	1241500	1224958	1235496	1233984	0.68	cps
Titanium	47-1	1554962	1552692	1550872	1552842	0.13	cps
Uranium	238-1	2478918	2515787	2486844	2493850	0.78	cps
Vanadium	51-2	426871	428075	425631	426859	0.29	cps
Yttrium	89-1	3817662	3806627	3716900	3780396	1.46	cps
Yttrium	89-2	448350	450467	454222	451013	0.66	cps
Zinc	66-2	213913	213371	211366	212883	0.63	cps

LB Number :	LB102143	Operator :	Jaswal
Lab Sample ID :	CCV82	Instrumnet Name :	P8
Client Sample ID :	CCV82	Dilution Factor :	1
Date & Time Acquired ::	2019-04-16 18:08:48	DataFile Name :	048CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	90-1	3251784	3256703	3178760	3229083	1.35	cps
Zirconium	91-1	693241	696856	681777	690625	1.14	cps

LB Number : LB102143 Operator : Jaswal
 Lab Sample ID : CCB82 Instrumnet Name : P8
 Client Sample ID : CCB82 Dilution Factor : 1
 Date & Time Acquired :: 2019-04-16 18:13:52 DataFile Name : 049CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	60	93	68	73	23.20	cps
Antimony	121-1	325	233	267	275	16.87	cps
Arsenic	75-2	9	11	15	12	24.10	cps
Barium	135-1	42	8	50	33	66.15	cps
Barium	137-1	83	33	108	75	50.91	cps
Beryllium	9-1	70	40	33	48	40.88	cps
Bismuth	209-1	1452100	1483164	1486701	1473988	1.29	cps
Bismuth	209-2	1236692	1226751	1234458	1232634	0.42	cps
Boron	11-1	2625	2442	2067	2378	11.97	cps
Boron	10-1	450	425	308	394	19.17	cps
Cadmium	106-1	10346	12014	12064	11475	8.52	cps
Cadmium	108-1	54	33	50	46	24.06	cps
Cadmium	111-1	2071	2409	2432	2304	8.77	cps
Calcium	43-1	5301	5101	5314	5239	2.28	cps
Calcium	44-1	54067	54592	55576	54745	1.40	cps
Chromium	52-2	500	557	500	519	6.31	cps
Cobalt	59-2	130	53	70	84	47.75	cps
Copper	63-2	733	663	757	718	6.77	cps
Dysprosium	156-1	0	0	8	3	173.21	cps
Dysprosium	156-2	3	0	0	1	173.21	cps
Erbium	164-1	58	33	8	33	75.02	cps
Erbium	164-2	0	3	7	3	100.05	cps
Gadolinium	160-1	42	83	50	58	37.80	cps
Gadolinium	160-2	37	27	30	31	16.37	cps
Holmium	165-1	2761307	2886610	2809430	2819116	2.24	cps
Holmium	165-2	1898846	1904429	1887896	1897057	0.44	cps
Indium	115-1	3059753	3185536	3072069	3105786	2.23	cps
Indium	115-2	565615	568830	563875	566107	0.44	cps
Iron	56-2	3767	2967	2928	3221	14.71	cps
Iron	57-2	244	239	178	220	16.79	cps
Krypton	83-1	580	500	577	552	8.20	cps
Lead	207-1	2167	1795	1695	1885	13.20	cps
Lead	208-1	8935	8435	8090	8487	5.00	cps
Lead	206-1	2184	2273	2139	2198	3.09	cps
Lithium	6-1	232077	233291	239115	234827	1.60	cps
Magnesium	24-2	333	142	158	211	50.29	cps

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Lab Sample ID :	CCB82	Instrumnet Name :	P8
Client Sample ID :	CCB82	Dilution Factor :	1
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Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	43	23	17	28	49.95	cps
Molybdenum	94-1	117	150	183	150	22.23	cps
Molybdenum	95-1	267	150	192	203	29.15	cps
Molybdenum	96-1	175	75	200	150	44.10	cps
Molybdenum	97-1	133	58	92	94	39.79	cps
Molybdenum	98-1	300	208	192	233	25.00	cps
Neodymium	150-1	27	13	13	18	43.33	cps
Neodymium	150-2	0	0	0	0	0.00	cps
Nickel	60-2	37	27	40	34	20.14	cps
Phosphorus	31-2	42	42	33	39	12.38	cps
Potassium	39-2	19189	19431	19389	19336	0.67	cps
Rhodium	103-1	3045228	3131839	3147623	3108230	1.77	cps
Rhodium	103-2	1718766	1730269	1703992	1717676	0.77	cps
Scandium	45-1	2648796	2779165	2708165	2712042	2.41	cps
Scandium	45-2	69400	70352	68318	69357	1.47	cps
Selenium	77-2	0	7	0	2	173.21	cps
Selenium	78-2	6	11	22	13	65.44	cps
Selenium	82-1	-48	-30	-168	-82	-91.85	cps
Silicon	28-1	3586693	3576104	3543670	3568822	0.63	cps
Silver	109-1	300	292	283	292	2.86	cps
Silver	107-1	433	400	400	411	4.68	cps
Sodium	23-2	20240	20082	20574	20298	1.24	cps
Strontium	86-1	717	758	650	708	7.71	cps
Strontium	88-1	133	125	192	150	24.22	cps
Sulfur	34-1	360621	358770	359469	359620	0.26	cps
Terbium	159-1	2988815	3098217	3028538	3038523	1.82	cps
Terbium	159-2	1935611	1937668	1934500	1935926	0.08	cps
Thallium	203-1	175	142	158	158	10.52	cps
Thallium	205-1	333	342	400	358	10.14	cps
Tin	118-1	350	317	358	342	6.45	cps
Titanium	47-1	14425	14341	14216	14327	0.73	cps
Uranium	238-1	42	25	67	44	47.19	cps
Vanadium	51-2	37	53	47	46	18.41	cps
Yttrium	89-1	3689557	3887032	3842164	3806251	2.72	cps
Yttrium	89-2	443235	443229	441900	442788	0.17	cps
Zinc	66-2	320	237	273	277	15.10	cps

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Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	90-1	375	283	450	369	22.59	cps
Zirconium	91-1	50	100	125	92	41.66	cps