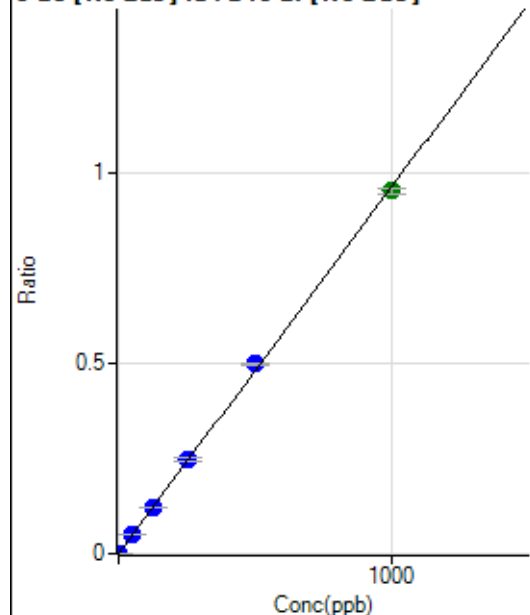


Batch Folder: D:\P8112718 MS.b\
Analysis File: P8112718 MS.batch.bin
DA Date-Time: 2018-11-27 23:40:08
Calibration Title:
Calibration Method: External Calibration
VIS Interpolation Fit:

Level	Standard Data File	Sample Name	Acq. Date-Time
1	003CALB.d	S00	2018-11-27 15:06:47
2			
3	005CALS.d	S02	2018-11-27 15:13:57
4	006CALS.d	S03	2018-11-27 15:17:44
5	007CALS.d	S04	2018-11-27 15:21:29
6	008CALS.d	S05	2018-11-27 15:25:08
7	009CALS.d	S06	2018-11-27 15:28:41
8	010CALS.d	S07	2018-11-27 15:32:10
9			

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

	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	72.22	0.0001	P	34.6
2	☐	0.100					
3	☐	1.000	0.974	1101.92	0.0010	P	8.7
4	☐	50.000	52.792	57922.35	0.0510	P	3.9
5	☐	125.000	124.999	138502.35	0.1207	P	2.4
6	☐	250.000	256.036	282422.44	0.2471	P	3.3
7	☐	500.000	517.089	555087.20	0.4990	P	1.1
8	☐	1000.000	989.807	1041273.66	0.9552	A	1.9
9	☐						

$$y = 9.6498\text{E-}004 * x + 6.3228\text{E-}005$$

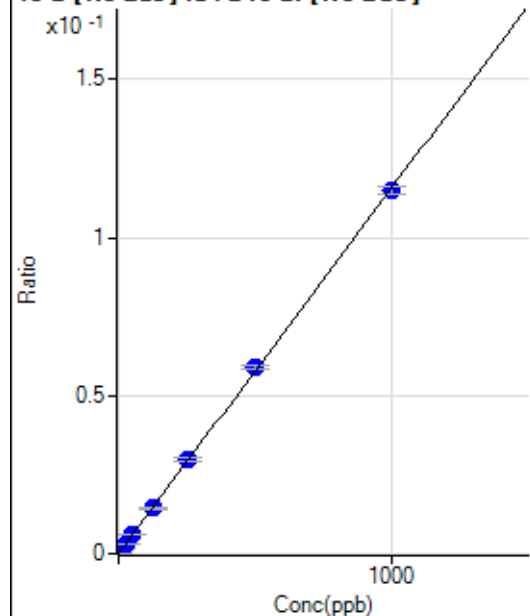
$$R = 0.9998$$

$$DL = 0.06806$$

$$BEC = 0.06552$$

Weight: <None>

Min Conc: 0

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

	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	63.89	0.0001	P	15.0
2	☐	2.500					
3	☐	25.000	26.156	3381.09	0.0031	P	9.8
4	☐	50.000	51.433	6812.98	0.0060	P	1.9
5	☐	125.000	124.819	16607.41	0.0145	P	3.0
6	☐	250.000	256.149	33871.46	0.0296	P	3.8
7	☐	500.000	511.127	65729.32	0.0591	P	1.5
8	☐	1000.000	992.821	125054.84	0.1147	P	2.2
9	☐						

$$y = 1.1550\text{E-}004 * x + 5.5805\text{E-}005$$

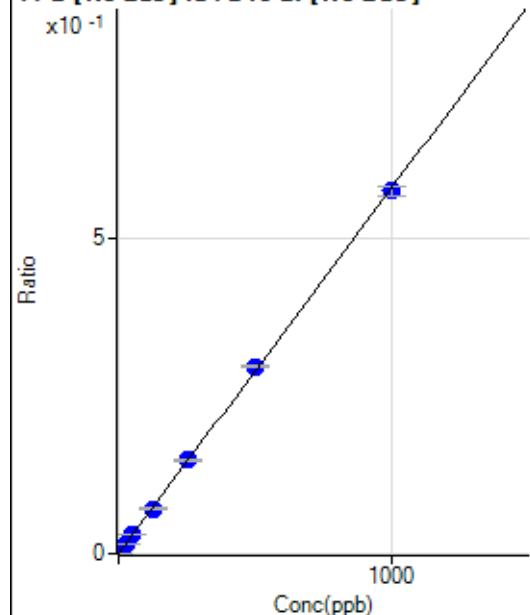
$$R = 0.9999$$

$$DL = 0.2176$$

$$BEC = 0.4832$$

Weight: <None>

Min Conc: 0

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

	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	288.91	0.0003	P	17.0
2	☐	2.500					
3	☐	25.000	25.683	16668.71	0.0152	P	7.5
4	☐	50.000	52.909	35188.58	0.0310	P	2.2
5	☐	125.000	122.879	82160.13	0.0716	P	3.8
6	☐	250.000	255.653	169973.22	0.1487	P	2.1
7	☐	500.000	511.916	330912.02	0.2975	P	0.4
8	☐	1000.000	992.732	628617.13	0.5767	P	2.4
9	☐						

$$y = 5.8064\text{E-}004 * x + 2.5220\text{E-}004$$

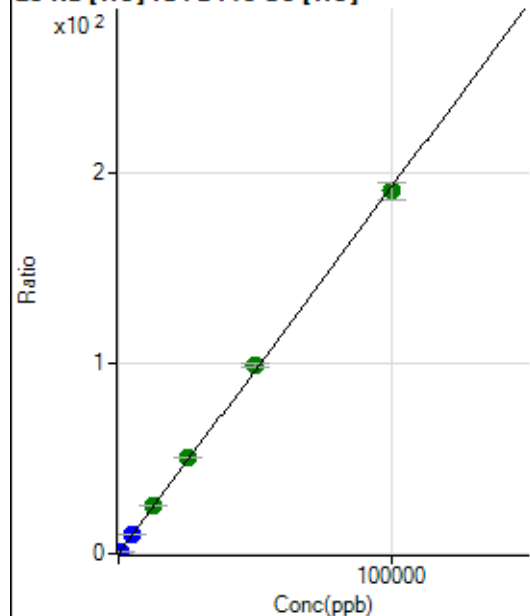
$$R = 0.9999$$

$$DL = 0.2213$$

$$BEC = 0.4344$$

Weight: <None>

Min Conc: 0

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

	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	4209.14	0.0940	P	1.1
2	☐	50.000					
3	☐	500.000	507.495	47976.27	1.0723	P	1.1
4	☐	5000.000	5361.955	463418.74	10.4297	P	1.9
5	☐	12500.000	12921.371	1110589.42	25.0012	A	0.9
6	☐	25000.000	26058.714	2214279.50	50.3247	A	0.0
7	☐	50000.000	51396.264	4285918.71	99.1653	A	2.6
8	☐	100000.00	98966.383	8096483.26	190.8613	A	4.6
9	☐	500000.00					

$$y = 0.0019 * x + 0.0940$$

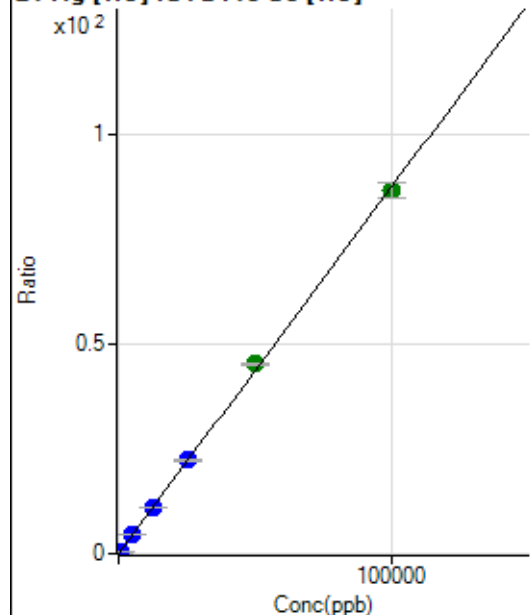
$$R = 0.9998$$

$$DL = 1.603$$

$$BEC = 48.79$$

Weight: <None>

Min Conc: 0

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

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	163.90	0.0037	P	16.8
2	☐	50.000					
3	☐	500.000	491.955	19397.40	0.4335	P	1.9
4	☐	5000.000	5351.578	207950.29	4.6798	P	1.1
5	☐	12500.000	12523.216	486243.95	10.9462	P	0.9
6	☐	25000.000	25479.818	979791.79	22.2675	P	0.4
7	☐	50000.000	51814.417	1957297.57	45.2781	A	0.6
8	☐	100000.00	98952.396	3668401.60	86.4664	A	4.1
9	☐	500000.00					

$$y = 8.7378\text{E-}004 * x + 0.0037$$

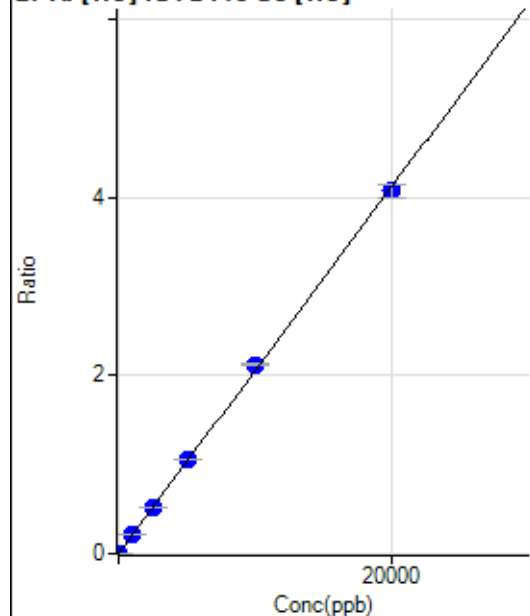
$$R = 0.9997$$

$$DL = 2.114$$

$$BEC = 4.196$$

Weight: <None>

Min Conc: 0

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

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	29.18	0.0007	P	28.0
2	☐	2.000					
3	☐	20.000	21.336	225.89	0.0050	P	0.4
4	☐	1000.000	1082.038	9933.52	0.2235	P	2.8
5	☐	2500.000	2509.393	22987.68	0.5175	P	1.8
6	☐	5000.000	5170.432	46887.71	1.0656	P	0.3
7	☐	10000.000	10319.967	91906.34	2.1263	P	1.6
8	☐	20000.000	19792.131	172985.08	4.0773	P	4.0
9	☐	100000.00					

$$y = 2.0597\text{E-}004 * x + 6.5405\text{E-}004$$

$$R = 0.9998$$

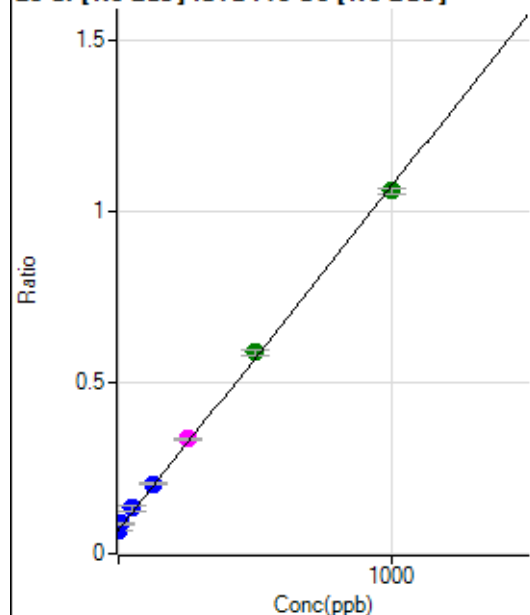
$$DL = 2.667$$

$$BEC = 3.175$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	208620.64	0.0692	P	1.0
2	☐	1.000					
3	☐	10.000	19.518	257006.37	0.0888	P	7.9
4	☐	50.000	63.603	405701.66	0.1331	P	10.1
5	☐	125.000	132.967	617746.45	0.2027	P	2.7
6	☐	250.000	265.105	1032689.25	0.3355	M	1.3
7	☐	500.000	516.629	1737958.38	0.5881	A	2.3
8	☐	1000.000	986.138	3129799.52	1.0597	A	1.6
9	☐						

$$y = 0.0010 * x + 0.0692$$

$$R = 0.9997$$

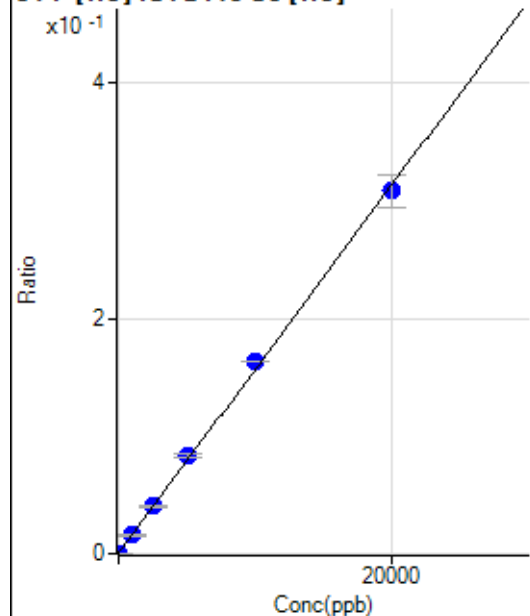
$$DL = 2.045$$

$$BEC = 68.88$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	-0.105	13.89	0.0003	P	67.3
2	☐	0.000					
3	☐	0.000	0.105	13.89	0.0003	P	91.7
4	☐	1000.000	997.738	708.38	0.0159	P	10.3
5	☐	2500.000	2569.846	1800.21	0.0405	P	3.8
6	☐	5000.000	5319.518	3678.41	0.0836	P	4.0
7	☐	10000.000	10423.048	7065.99	0.1635	P	0.5
8	☐	20000.000	19699.979	13076.03	0.3087	P	9.0
9	☐						

$$y = 1.5652E-005 * x + 3.0928E-004$$

$$R = 0.9995$$

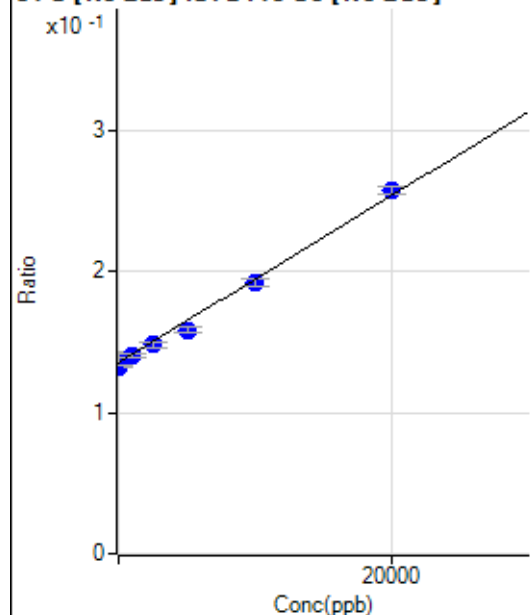
$$DL = 47.15$$

$$BEC = 19.76$$

Weight: <None>

Min Conc: 0

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



	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	-466.825	400537.39	0.1328	P	0.4
2	☐	0.000					
3	☐	0.000	466.825	400543.51	0.1384	P	7.6
4	☐	1000.000	820.342	428828.31	0.1404	P	2.5
5	☐	2500.000	2105.149	451193.66	0.1481	P	2.2
6	☐	5000.000	3883.827	488123.79	0.1586	P	2.4
7	☐	10000.000	9602.007	568813.73	0.1925	P	2.6
8	☐	20000.000	20536.379	759830.90	0.2573	P	2.0
9	☐						

$$y = 5.9253\text{E-}006 * x + 0.1356$$

$$R = 0.9974$$

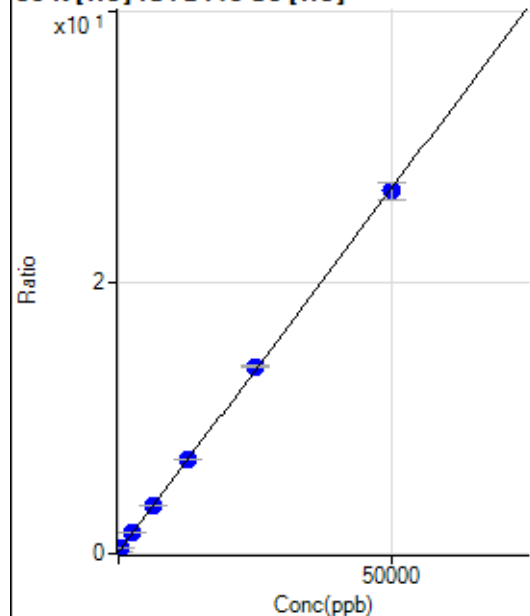
$$DL = 2797$$

$$BEC = 2.288\text{E}+04$$

Weight: <None>

Min Conc: 0

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



	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	5078.93	0.1135	P	2.0
2	☐	50.000					
3	☐	500.000	492.839	16899.67	0.3777	P	0.9
4	☐	2500.000	2661.666	68453.00	1.5405	P	0.6
5	☐	6250.000	6401.923	157505.03	3.5457	P	0.8
6	☐	12500.000	12746.987	305700.05	6.9475	P	0.7
7	☐	25000.000	25486.362	595535.16	13.7775	P	1.3
8	☐	50000.000	49668.070	1134381.58	26.7420	P	4.7
9	☐	250000.00					

$$y = 5.3613\text{E-}004 * x + 0.1135$$

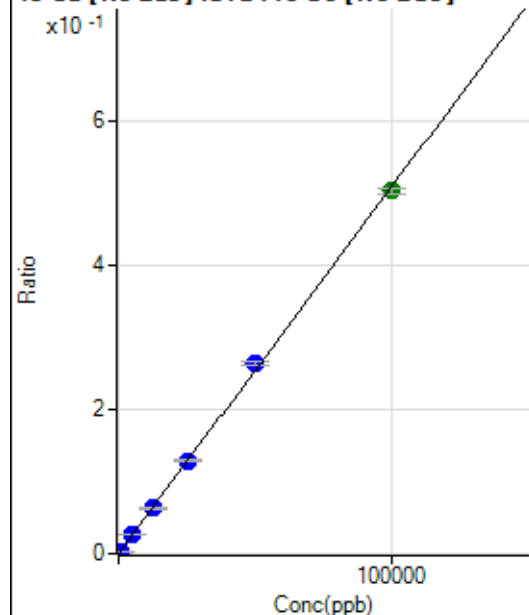
$$R = 0.9999$$

$$DL = 12.41$$

$$BEC = 211.7$$

Weight: <None>

Min Conc: 0

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

	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	516.70	0.0002	P	12.9
2	☐	50.000					
3	☐	500.000	493.769	7755.25	0.0027	P	7.1
4	☐	5000.000	5162.599	80553.52	0.0264	P	2.2
5	☐	12500.000	12409.828	192467.98	0.0632	P	3.8
6	☐	25000.000	25272.404	395397.42	0.1285	P	2.4
7	☐	50000.000	51999.823	780672.73	0.2642	P	2.0
8	☐	100000.00	98935.160	1483900.51	0.5024	A	1.9
9	☐	500000.00					

$$y = 5.0766\text{E-}006 * x + 1.7140\text{E-}004$$

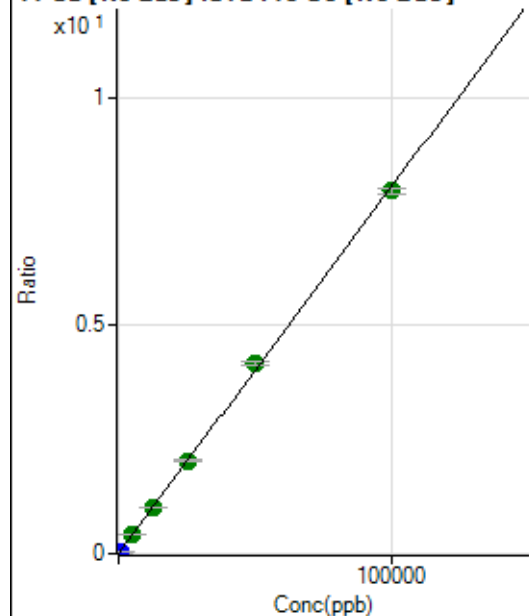
$$R = 0.9997$$

$$DL = 13.11$$

$$BEC = 33.76$$

Weight: <None>

Min Conc: 0

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

	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	13279.05	0.0044	P	3.1
2	☐	50.000					
3	☐	500.000	527.404	135465.28	0.0468	P	8.0
4	☐	5000.000	5329.983	1321755.60	0.4329	A	2.3
5	☐	12500.000	12487.907	3072164.80	1.0083	A	2.9
6	☐	25000.000	25354.497	6287014.29	2.0426	A	1.8
7	☐	50000.000	52080.274	12385785.61	4.1909	A	2.0
8	☐	100000.00	98856.114	23484338.20	7.9511	A	1.5
9	☐	500000.00					

$$y = 8.0386\text{E-}005 * x + 0.0044$$

$$R = 0.9997$$

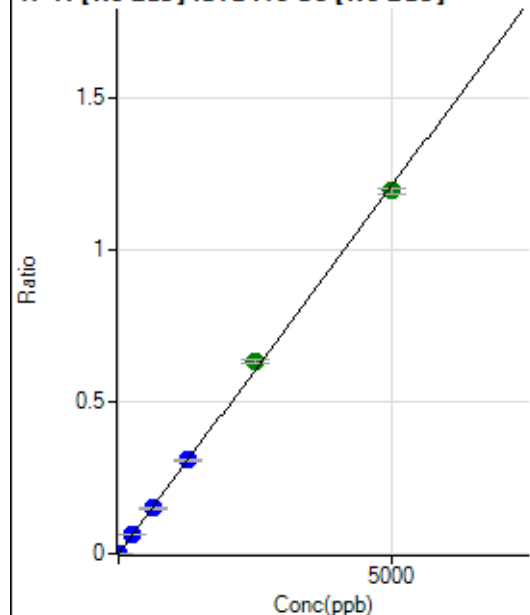
$$DL = 5.056$$

$$BEC = 54.77$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	127.78	0.0000	P	31.3
2	☐	0.500					
3	☐	5.000	5.256	3800.66	0.0013	P	6.9
4	☐	250.000	259.597	191624.02	0.0628	P	2.5
5	☐	625.000	622.153	458025.10	0.1503	P	3.9
6	☐	1250.000	1269.360	943990.07	0.3067	P	2.1
7	☐	2500.000	2618.622	1869769.57	0.6327	A	1.9
8	☐	5000.000	4935.725	3522023.99	1.1924	A	1.3
9	☐						

$$y = 2.4158\text{E-}004 * x + 4.2414\text{E-}005$$

$$R = 0.9996$$

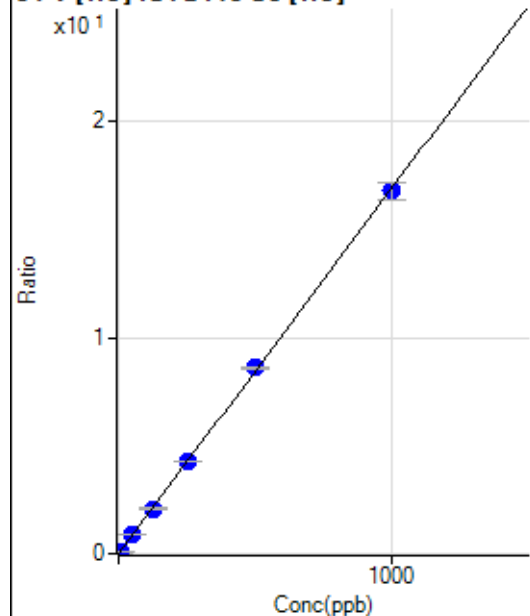
$$DL = 0.1646$$

$$BEC = 0.1756$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	16.67	0.0004	P	70.9
2	☐	0.500					
3	☐	5.000	4.789	3634.98	0.0812	P	1.8
4	☐	50.000	51.699	38810.70	0.8734	P	1.3
5	☐	125.000	123.472	92640.40	2.0855	P	0.8
6	☐	250.000	253.741	188553.36	4.2854	P	0.8
7	☐	500.000	510.742	372852.54	8.6255	P	1.0
8	☐	1000.000	993.801	711922.17	16.7832	P	4.7
9	☐						

$$y = 0.0169 * x + 3.7501\text{E-}004$$

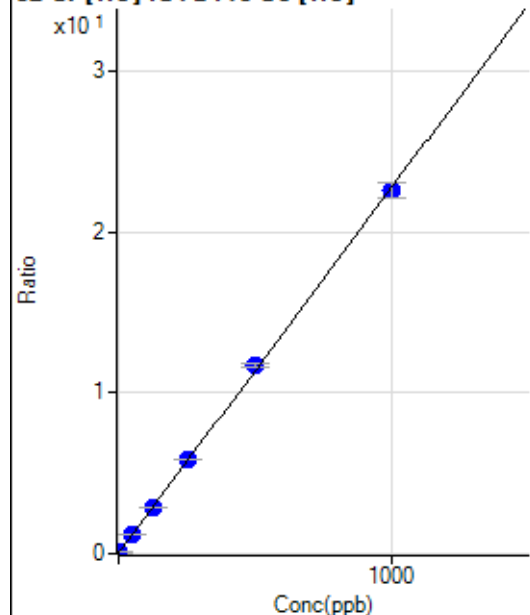
$$R = 0.9999$$

$$DL = 0.04724$$

$$BEC = 0.02221$$

Weight: <None>

Min Conc: 0

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

	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	868.93	0.0194	P	6.4
2	☐	0.200					
3	☐	2.000	2.151	3059.28	0.0684	P	4.2
4	☐	50.000	52.931	54388.90	1.2243	P	2.4
5	☐	125.000	125.795	128061.15	2.8828	P	0.3
6	☐	250.000	257.062	258305.29	5.8708	P	1.0
7	☐	500.000	513.320	505887.55	11.7039	P	1.6
8	☐	1000.000	991.328	958160.07	22.5846	P	4.1
9	☐						

$$y = 0.0228 * x + 0.0194$$

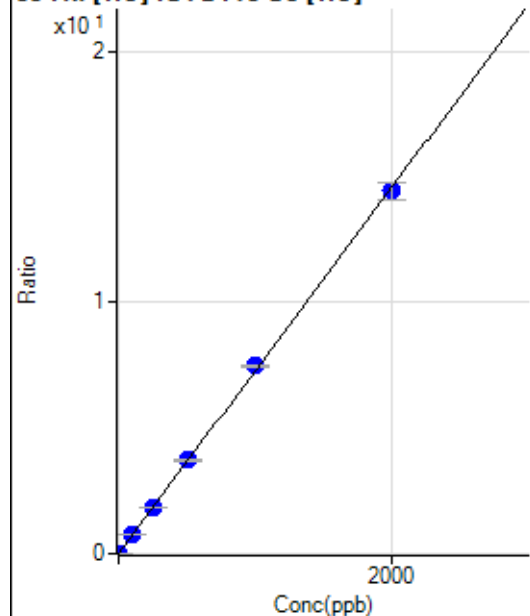
$$R = 0.9998$$

$$DL = 0.1627$$

$$BEC = 0.8528$$

Weight: <None>

Min Conc: 0

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

	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	41.11	0.0009	P	39.4
2	☐	0.100					
3	☐	1.000	0.964	355.57	0.0079	P	18.3
4	☐	100.000	106.069	34392.67	0.7739	P	0.3
5	☐	250.000	252.679	81836.73	1.8423	P	1.2
6	☐	500.000	511.714	164110.73	3.7301	P	1.0
7	☐	1000.000	1026.234	323298.75	7.4797	P	1.8
8	☐	2000.000	1983.316	613121.41	14.4546	P	4.8
9	☐						

$$y = 0.0073 * x + 9.2253E-004$$

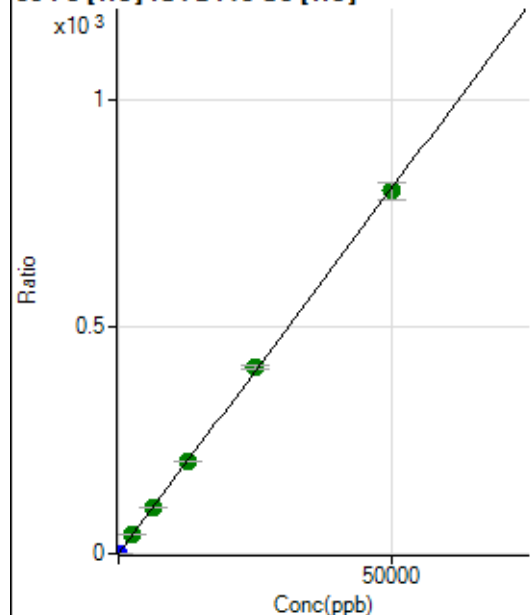
$$R = 0.9999$$

$$DL = 0.1496$$

$$BEC = 0.1266$$

Weight: <None>

Min Conc: 0

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

	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	2037.26	0.0456	P	7.3
2	☐	5.000					
3	☐	50.000	51.037	38836.07	0.8680	P	1.6
4	☐	2500.000	2692.680	1930170.57	43.4379	A	0.9
5	☐	6250.000	6333.613	4535878.75	102.1114	A	1.3
6	☐	12500.000	12700.695	9007519.99	204.7165	A	0.4
7	☐	25000.000	25528.460	17784596.46	411.4352	A	1.2
8	☐	50000.000	49665.509	33948800.07	800.4024	A	5.0
9	☐	250000.00					

$$y = 0.0161 * x + 0.0456$$

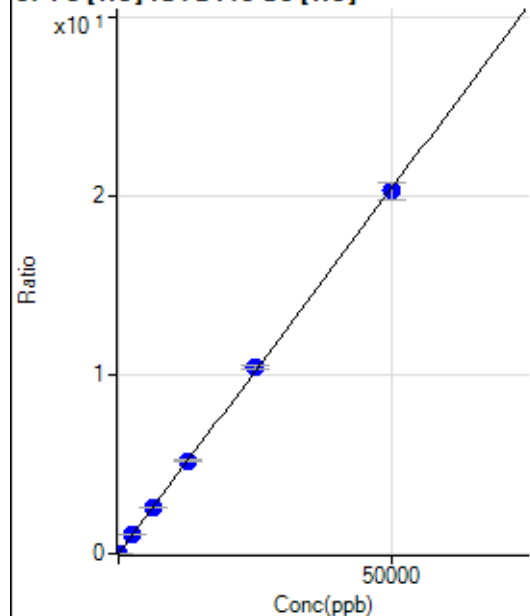
$$R = 0.9999$$

$$DL = 0.6224$$

$$BEC = 2.827$$

Weight: <None>

Min Conc: 0

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

	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	66.67	0.0015	P	16.3
2	☐	5.000					
3	☐	50.000	52.540	1027.85	0.0230	P	2.7
4	☐	2500.000	2650.212	48219.03	1.0851	P	0.8
5	☐	6250.000	6224.465	113126.65	2.5466	P	0.3
6	☐	12500.000	12710.784	228748.35	5.1989	P	1.0
7	☐	25000.000	25558.682	451799.85	10.4523	P	1.4
8	☐	50000.000	49663.642	861412.11	20.3087	P	4.9
9	☐	250000.00					

$$y = 4.0889E-004 * x + 0.0015$$

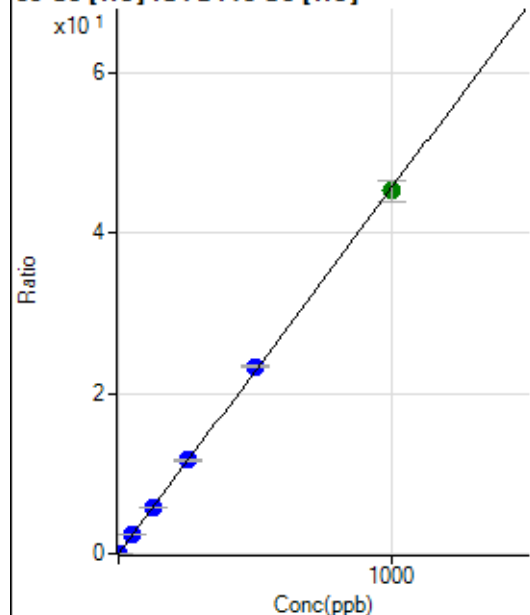
$$R = 0.9999$$

$$DL = 1.778$$

$$BEC = 3.641$$

Weight: <None>

Min Conc: 0

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

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	83.34	0.0019	P	16.9
2	☐	0.100					
3	☐	1.000	0.980	2085.75	0.0466	P	3.6
4	☐	50.000	52.759	107109.36	2.4106	P	1.3
5	☐	125.000	125.062	253714.01	5.7115	P	0.4
6	☐	250.000	255.380	513058.98	11.6611	P	1.1
7	☐	500.000	512.090	1010621.84	23.3811	P	1.6
8	☐	1000.000	992.464	1921310.32	45.3123	A	6.0
9	☐						

$$y = 0.0457 * x + 0.0019$$

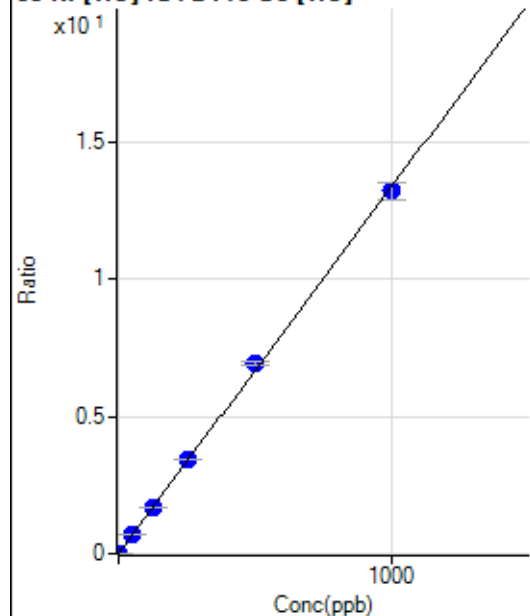
$$R = 0.9999$$

$$DL = 0.02074$$

$$BEC = 0.04082$$

Weight: <None>

Min Conc: 0

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

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	66.67	0.0015	P	6.9
2	☐	0.100					
3	☐	1.000	1.086	715.59	0.0160	P	6.4
4	☐	50.000	52.537	31255.35	0.7035	P	1.5
5	☐	125.000	126.537	75170.51	1.6922	P	0.3
6	☐	250.000	258.137	151817.55	3.4506	P	0.7
7	☐	500.000	517.459	298911.34	6.9155	P	1.7
8	☐	1000.000	988.917	560527.50	13.2148	P	4.8
9	☐						

$$y = 0.0134 * x + 0.0015$$

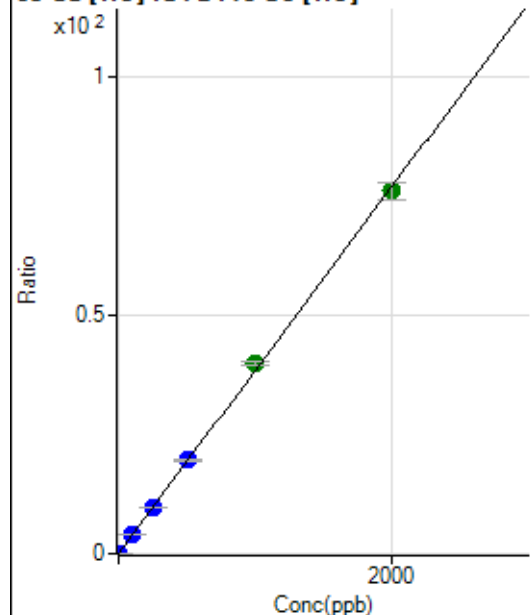
$$R = 0.9997$$

$$DL = 0.02322$$

$$BEC = 0.1116$$

Weight: <None>

Min Conc: 0

⁶³Cu [He] ISTD:45 Sc [He]

	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	598.92	0.0134	P	8.7
2	☐	0.200					
3	☐	2.000	2.059	4140.69	0.0925	P	1.9
4	☐	100.000	105.029	180057.36	4.0518	P	0.4
5	☐	250.000	250.428	428327.04	9.6425	P	0.8
6	☐	500.000	509.444	862467.20	19.6019	P	0.6
7	☐	1000.000	1035.168	1720953.67	39.8164	A	2.1
8	☐	2000.000	1979.750	3229472.21	76.1364	A	4.8
9	☐						

$$y = 0.0385 * x + 0.0134$$

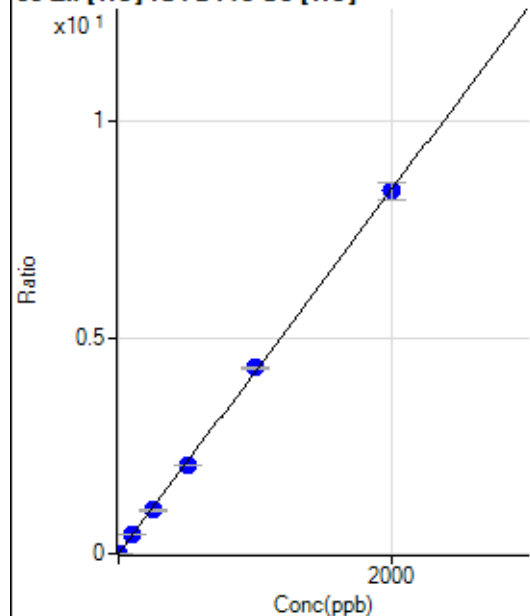
$$R = 0.9998$$

$$DL = 0.09111$$

$$BEC = 0.3478$$

Weight: <None>

Min Conc: 0

⁶⁶Zn [He] ISTD:45 Sc [He]

	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	23.33	0.0005	P	39.2
2	☐	0.200					
3	☐	2.000	2.240	445.57	0.0100	P	4.9
4	☐	100.000	101.767	19066.60	0.4291	P	0.8
5	☐	250.000	238.673	44669.72	1.0056	P	1.3
6	☐	500.000	489.671	90755.69	2.0626	P	0.5
7	☐	1000.000	1020.793	185828.63	4.2993	P	1.8
8	☐	2000.000	1993.513	356097.02	8.3957	P	5.0
9	☐						

$$y = 0.0042 * x + 5.2395E-004$$

$$R = 0.9999$$

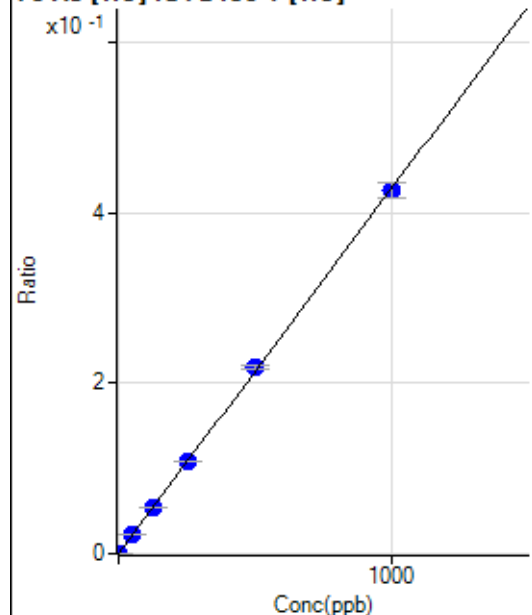
$$DL = 0.1465$$

$$BEC = 0.1244$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	4.94	0.0000	P	22.2
2	☐	0.100					
3	☐	1.000	0.970	127.16	0.0004	P	5.4
4	☐	50.000	51.841	6597.31	0.0222	P	2.2
5	☐	125.000	126.482	15905.53	0.0542	P	0.8
6	☐	250.000	253.317	31661.51	0.1085	P	0.7
7	☐	500.000	510.300	62723.48	0.2185	P	1.4
8	☐	1000.000	993.743	119963.05	0.4255	P	4.4
9	☐						

$$y = 4.2812\text{E-}004 * x + 1.7089\text{E-}005$$

$$R = 0.9999$$

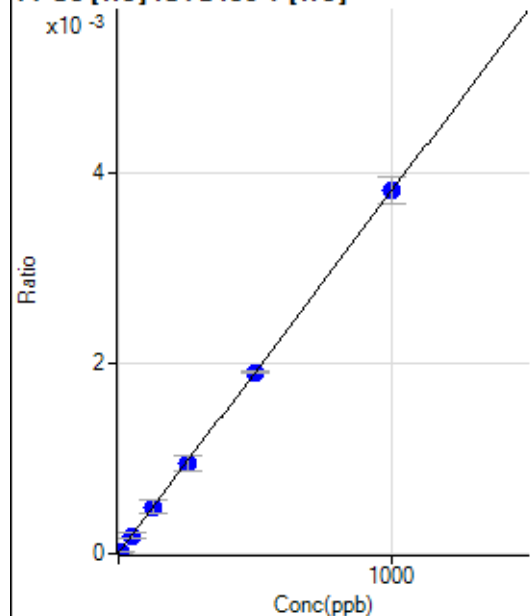
$$DL = 0.02656$$

$$BEC = 0.03992$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	2.22	0.0000	P	173.2
2	☐	0.500					
3	☐	5.000	2.967	5.55	0.0000	P	69.7
4	☐	50.000	48.122	56.67	0.0002	P	29.4
5	☐	125.000	127.730	144.45	0.0005	P	27.9
6	☐	250.000	248.129	277.79	0.0010	P	18.0
7	☐	500.000	499.377	546.69	0.0019	P	1.7
8	☐	1000.000	1000.542	1073.40	0.0038	P	7.6
9	☐						

$$y = 3.7979\text{E-}006 * x + 7.6399\text{E-}006$$

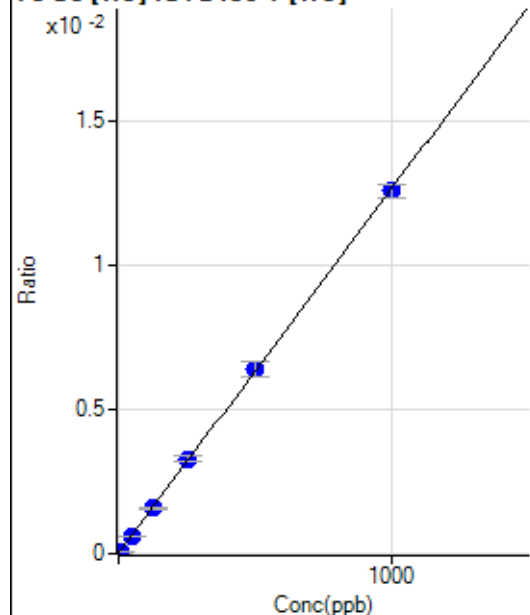
$$R = 1.0000$$

$$DL = 10.45$$

$$BEC = 2.012$$

Weight: <None>

Min Conc: 0

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

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	5.56	0.0000	P	32.9
2	☐	0.500					
3	☐	5.000	4.298	21.60	0.0001	P	10.2
4	☐	50.000	47.542	183.96	0.0006	P	2.0
5	☐	125.000	124.326	466.68	0.0016	P	4.5
6	☐	250.000	259.630	962.39	0.0033	P	5.3
7	☐	500.000	506.645	1841.50	0.0064	P	8.2
8	☐	1000.000	994.481	3547.40	0.0126	P	4.0
9	☐						

$$y = 1.2625\text{E-}005 * x + 1.9180\text{E-}005$$

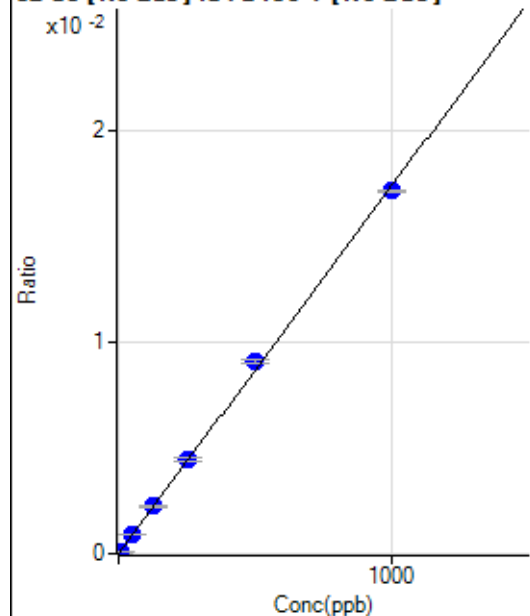
$$R = 0.9999$$

$$DL = 1.499$$

$$BEC = 1.519$$

Weight: <None>

Min Conc: 0

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

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	-18.12	0.0000	P	-611.
2	☐	0.500					
3	☐	5.000	5.248	425.91	0.0001	P	1.7
4	☐	50.000	52.809	4588.01	0.0009	P	1.6
5	☐	125.000	128.277	11365.31	0.0022	P	2.5
6	☐	250.000	255.841	23506.75	0.0044	P	4.5
7	☐	500.000	521.356	46925.25	0.0090	P	2.2
8	☐	1000.000	987.310	88855.59	0.0171	P	0.8
9	☐						

$$y = 1.7344\text{E-}005 * x - 3.6290\text{E-}006$$

$$R = 0.9996$$

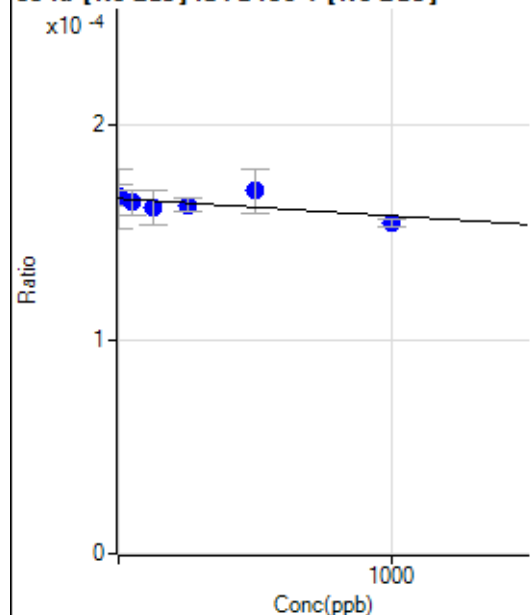
$$DL = 3.84$$

$$BEC = -0.2092$$

Weight: <None>

Min Conc: 0

83 Kr [No Gas] ISTD:89 Y [No Gas]



	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	833.38	0.0002	P	16.4
2	☐	0.100					
3	☐	1.000	-200.549	814.48	0.0002	P	5.6
4	☐	50.000	222.469	823.37	0.0002	P	7.0
5	☐	125.000	538.434	824.49	0.0002	P	10.1
6	☐	250.000	374.248	863.37	0.0002	P	3.9
7	☐	500.000	-444.905	877.82	0.0002	P	11.9
8	☐	1000.000	1381.289	802.26	0.0002	P	2.4
9	☐						

$$y = -8.0413\text{E-}009 * x + 1.6564\text{E-}004$$

$$R = -0.6254$$

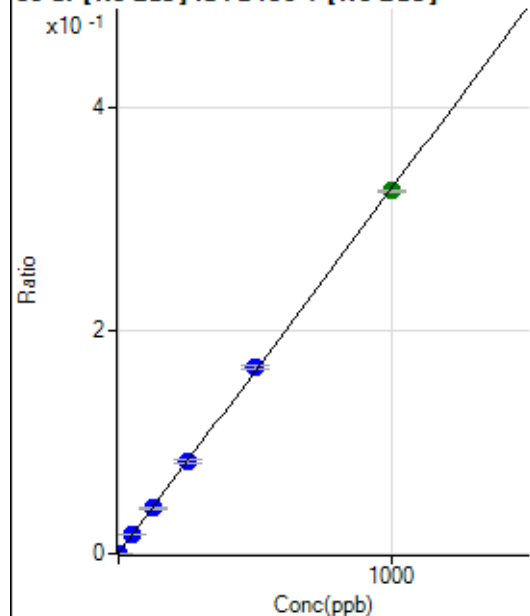
$$DL = -1.016\text{E+}04$$

$$BEC = -2.06\text{E+}04$$

Weight: <None>

Min Conc: 0

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



	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	1441.81	0.0003	P	6.0
2	☐	0.100					
3	☐	1.000	1.029	3036.58	0.0006	P	2.4
4	☐	50.000	51.645	86535.55	0.0172	P	2.0
5	☐	125.000	124.161	209590.13	0.0410	P	3.7
6	☐	250.000	251.459	438479.89	0.0827	P	3.6
7	☐	500.000	511.466	871606.93	0.1679	P	2.0
8	☐	1000.000	993.925	1691907.00	0.3260	A	0.7
9	☐						

$$y = 3.2768\text{E-}004 * x + 2.8646\text{E-}004$$

$$R = 0.9999$$

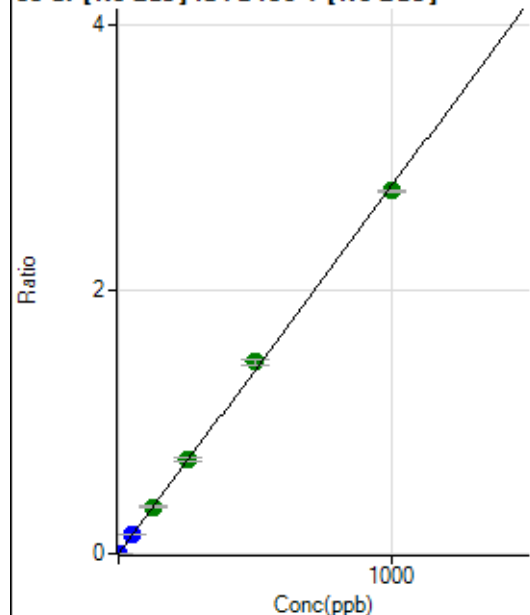
$$DL = 0.1566$$

$$BEC = 0.8742$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	47.22	0.0000	P	71.4
2	☐	0.100					
3	☐	1.000	1.075	14597.35	0.0030	P	6.0
4	☐	50.000	53.212	745024.30	0.1482	P	2.5
5	☐	125.000	127.623	1817995.79	0.3554	A	3.3
6	☐	250.000	255.816	3777835.33	0.7123	A	3.3
7	☐	500.000	521.410	7536915.88	1.4518	A	2.4
8	☐	1000.000	987.352	14268586.08	2.7491	A	0.7
9	☐						

$$y = 0.0028 * x + 9.3929E-006$$

$$R = 0.9996$$

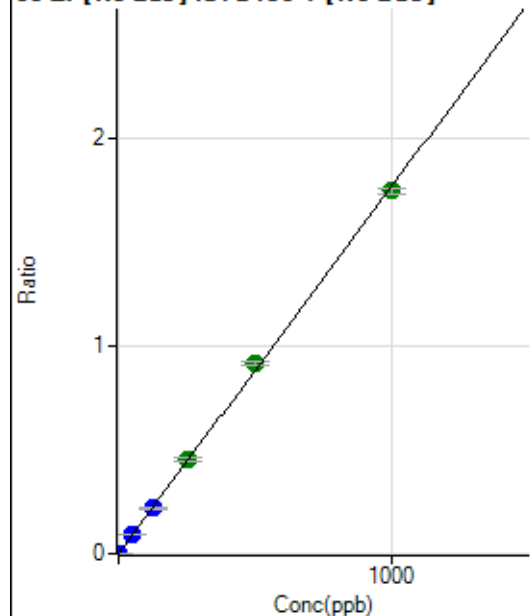
$$DL = 0.007224$$

$$BEC = 0.003373$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	411.14	0.0001	P	29.6
2	☐	0.100					
3	☐	1.000	1.061	9514.83	0.0020	P	8.7
4	☐	50.000	52.951	471608.36	0.0938	P	2.4
5	☐	125.000	124.968	1131850.11	0.2212	P	3.4
6	☐	250.000	257.570	2418154.24	0.4559	A	3.0
7	☐	500.000	518.990	4768794.64	0.9186	A	2.4
8	☐	1000.000	988.469	9079670.69	1.7495	A	1.3
9	☐						

$$y = 0.0018 * x + 8.1656E-005$$

$$R = 0.9997$$

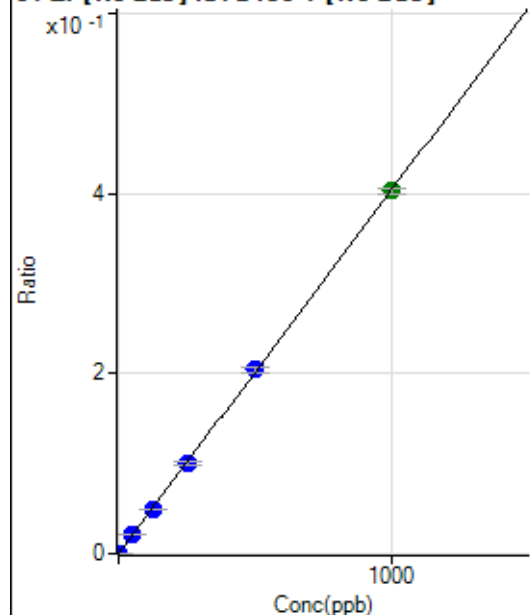
$$DL = 0.041$$

$$BEC = 0.04614$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	105.56	0.0000	P	20.4
2	☐	0.100					
3	☐	1.000	1.080	2219.73	0.0005	P	11.5
4	☐	50.000	51.497	104742.65	0.0208	P	2.7
5	☐	125.000	121.481	251230.65	0.0491	P	3.8
6	☐	250.000	248.852	533477.84	0.1006	P	3.1
7	☐	500.000	505.471	1060524.64	0.2043	P	2.7
8	☐	1000.000	997.916	2093079.82	0.4033	A	1.5
9	☐						

$$y = 4.0412\text{E-}004 * x + 2.0993\text{E-}005$$

$$R = 1.0000$$

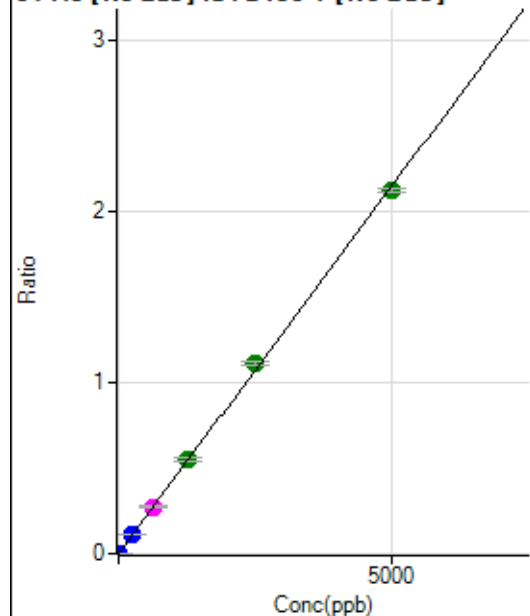
$$DL = 0.03176$$

$$BEC = 0.05195$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	141.67	0.0000	P	15.6
2	☐	0.500					
3	☐	5.000	5.304	11157.87	0.0023	P	11.4
4	☐	250.000	264.874	570682.42	0.1135	P	2.2
5	☐	625.000	629.751	1380107.55	0.2698	M	3.9
6	☐	1250.000	1285.877	2921274.65	0.5509	A	3.6
7	☐	2500.000	2597.469	5776968.19	1.1127	A	2.1
8	☐	5000.000	4940.958	10985639.57	2.1166	A	1.0
9	☐						

$$y = 4.2838\text{E-}004 * x + 2.8157\text{E-}005$$

$$R = 0.9997$$

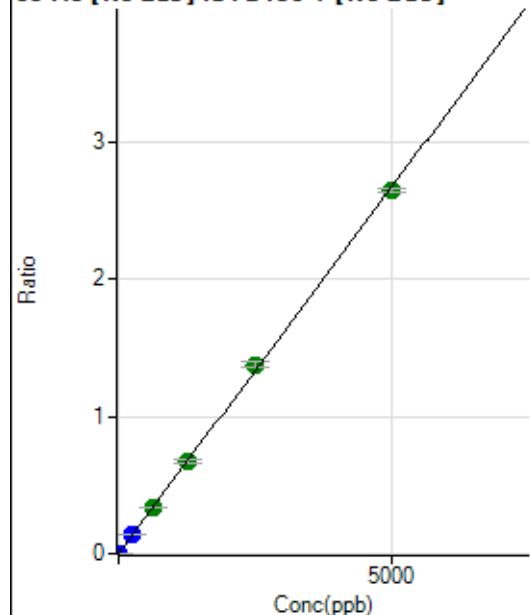
$$DL = 0.0308$$

$$BEC = 0.06573$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	30.56	0.0000	P	103.2
2	☐	0.500					
3	☐	5.000	5.216	13537.80	0.0028	P	8.6
4	☐	250.000	263.724	706907.58	0.1406	P	2.7
5	☐	625.000	628.723	1714615.82	0.3352	A	3.7
6	☐	1250.000	1267.892	3584526.60	0.6759	A	3.5
7	☐	2500.000	2585.070	7153849.03	1.3781	A	3.2
8	☐	5000.000	4951.840	13701130.17	2.6399	A	1.2
9	☐						

$$y = 5.3311\text{E-}004 * x + 6.0617\text{E-}006$$

$$R = 0.9998$$

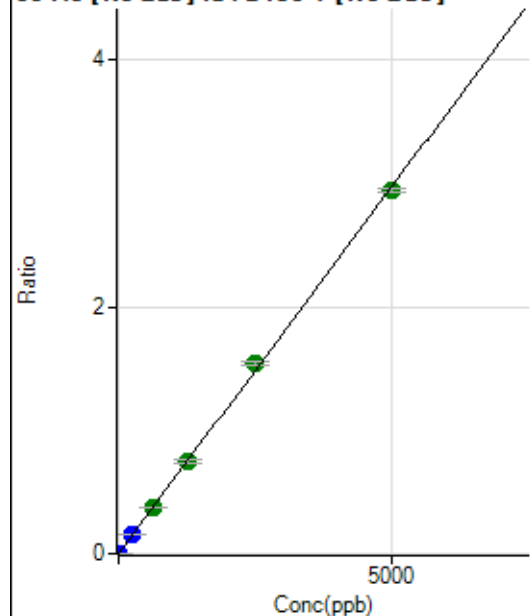
$$DL = 0.03519$$

$$BEC = 0.01137$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	55.56	0.0000	P	53.1
2	☐	0.500					
3	☐	5.000	5.155	14942.20	0.0031	P	6.4
4	☐	250.000	261.749	781680.97	0.1555	P	2.8
5	☐	625.000	629.295	1912399.33	0.3738	A	2.8
6	☐	1250.000	1269.276	3997422.53	0.7539	A	4.1
7	☐	2500.000	2587.983	7979902.87	1.5371	A	2.3
8	☐	5000.000	4950.065	15259238.36	2.9400	A	0.9
9	☐						

$$y = 5.9394\text{E-}004 * x + 1.1062\text{E-}005$$

$$R = 0.9998$$

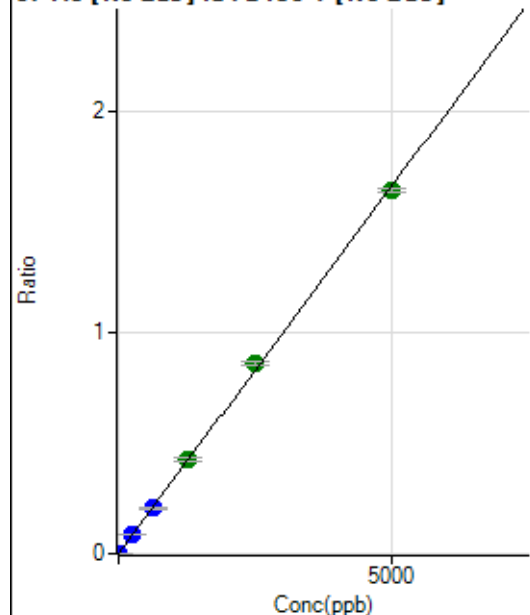
$$DL = 0.02969$$

$$BEC = 0.01862$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	8.33	0.0000	P	99.9
2	☐	0.500					
3	☐	5.000	5.132	8280.65	0.0017	P	8.9
4	☐	250.000	262.048	437369.42	0.0870	P	2.8
5	☐	625.000	617.369	1048423.55	0.2049	P	3.5
6	☐	1250.000	1285.905	2263833.60	0.4269	A	3.5
7	☐	2500.000	2601.343	4483247.15	0.8635	A	2.0
8	☐	5000.000	4940.703	8512307.05	1.6401	A	1.1
9	☐						

$$y = 3.3196\text{E-}004 * x + 1.6501\text{E-}006$$

$$R = 0.9997$$

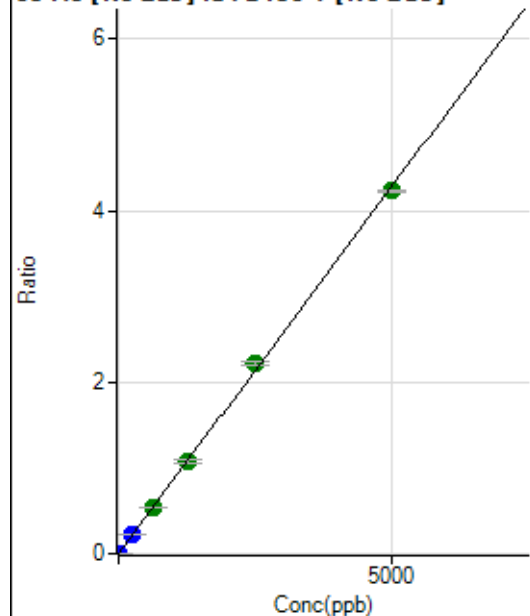
$$DL = 0.0149$$

$$BEC = 0.004971$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	38.89	0.0000	P	80.9
2	☐	0.500					
3	☐	5.000	5.028	20936.40	0.0043	P	6.3
4	☐	250.000	263.075	1130848.60	0.2249	P	2.7
5	☐	625.000	630.223	2756516.12	0.5388	A	3.2
6	☐	1250.000	1269.699	5756005.07	1.0855	A	4.0
7	☐	2500.000	2595.853	11521330.90	2.2193	A	2.3
8	☐	5000.000	4945.842	21945980.53	4.2283	A	0.8
9	☐						

$$y = 8.5493\text{E-}004 * x + 7.7238\text{E-}006$$

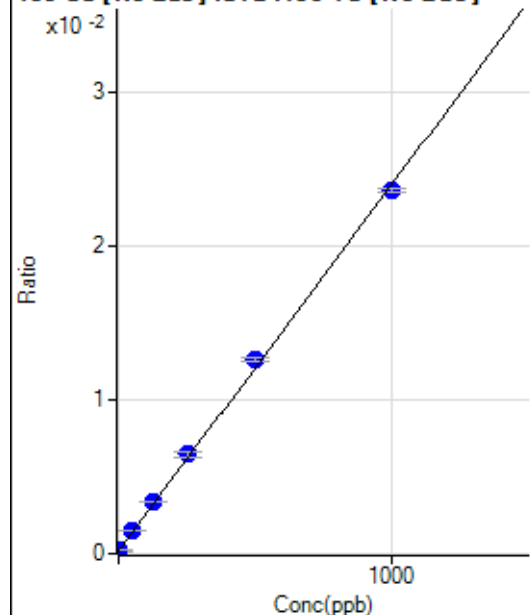
$$R = 0.9997$$

$$DL = 0.02193$$

$$BEC = 0.009034$$

Weight: <None>

Min Conc: 0

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	1016.75	0.0002	P	4.7
2	☐	0.100					
3	☐	1.000	1.618	1202.89	0.0002	P	13.7
4	☐	50.000	57.446	9053.44	0.0015	P	2.3
5	☐	125.000	134.405	20154.70	0.0034	P	0.7
6	☐	250.000	264.189	40901.96	0.0065	P	5.0
7	☐	500.000	522.774	80227.35	0.0126	P	2.2
8	☐	1000.000	983.517	151490.14	0.0236	P	1.0
9	☐						

$$y = 2.3819\text{E-}005 * x + 1.7774\text{E-}004$$

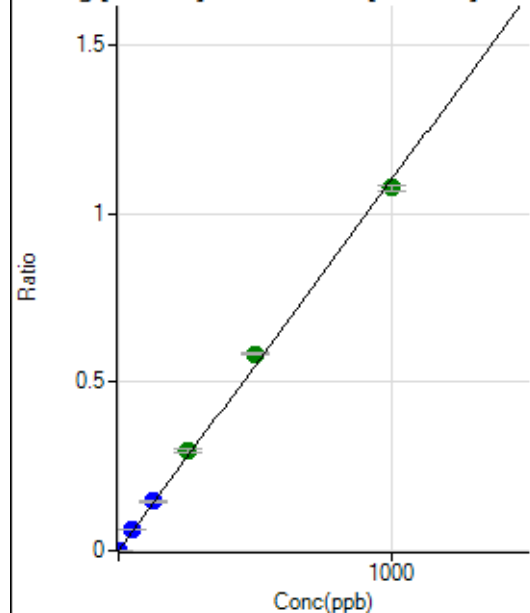
$$R = 0.9995$$

$$DL = 1.043$$

$$BEC = 7.462$$

Weight: <None>

Min Conc: 0

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	50.00	0.0000	P	29.1
2	☐	0.100					
3	☐	1.000	1.103	6768.65	0.0012	P	9.8
4	☐	50.000	56.060	361239.80	0.0617	P	2.1
5	☐	125.000	132.714	870694.89	0.1460	P	2.9
6	☐	250.000	268.931	1871528.77	0.2959	A	2.8
7	☐	500.000	531.006	3712054.64	0.5843	A	1.0
8	☐	1000.000	978.497	6910366.30	1.0767	A	1.7
9	☐						

$$y = 0.0011 * x + 8.7457\text{E-}006$$

$$R = 0.9991$$

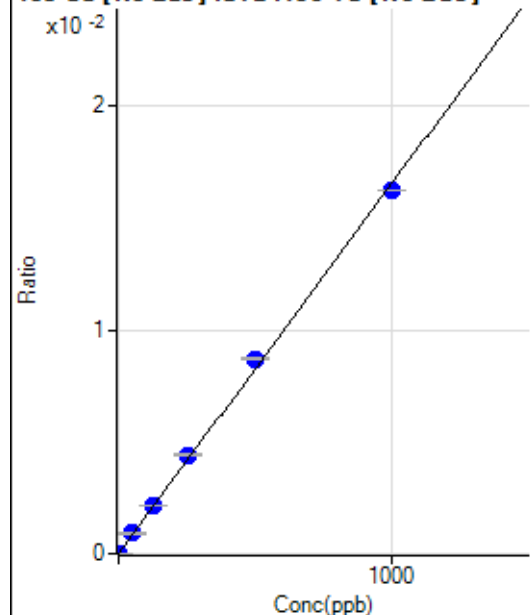
$$DL = 0.006945$$

$$BEC = 0.007948$$

Weight: <None>

Min Conc: 0

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



	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	11.11	0.0000	P	57.4
2	☐	0.100					
3	☐	1.000	1.049	106.95	0.0000	P	4.9
4	☐	50.000	54.851	5313.66	0.0009	P	5.5
5	☐	125.000	131.674	12984.28	0.0022	P	1.0
6	☐	250.000	267.434	27952.93	0.0044	P	2.3
7	☐	500.000	526.595	55274.18	0.0087	P	1.2
8	☐	1000.000	981.267	104053.09	0.0162	P	0.2
9	☐						

$$y = 1.6519\text{E-}005 * x + 1.9445\text{E-}006$$

$$R = 0.9993$$

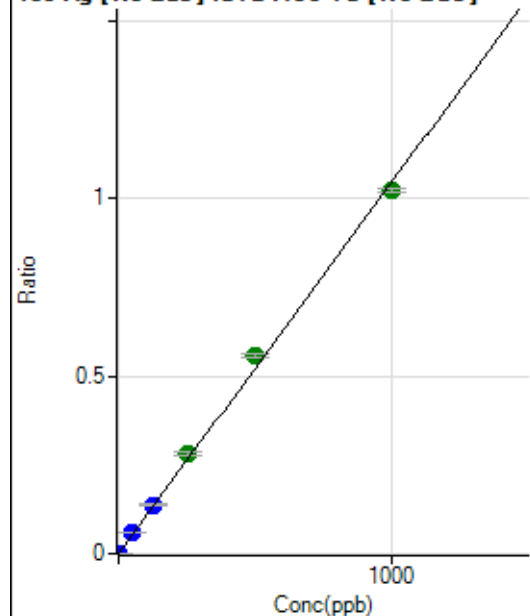
$$DL = 0.2026$$

$$BEC = 0.1177$$

Weight: <None>

Min Conc: 0

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



	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	33.33	0.0000	P	43.3
2	☐	0.100					
3	☐	1.000	1.116	6482.38	0.0012	P	10.8
4	☐	50.000	55.731	340780.15	0.0582	P	1.7
5	☐	125.000	131.444	818302.84	0.1373	P	2.8
6	☐	250.000	269.497	1779590.65	0.2814	A	2.9
7	☐	500.000	533.158	3536583.50	0.5567	A	1.7
8	☐	1000.000	977.455	6550549.45	1.0206	A	1.0
9	☐						

$$y = 0.0010 * x + 5.8271\text{E-}006$$

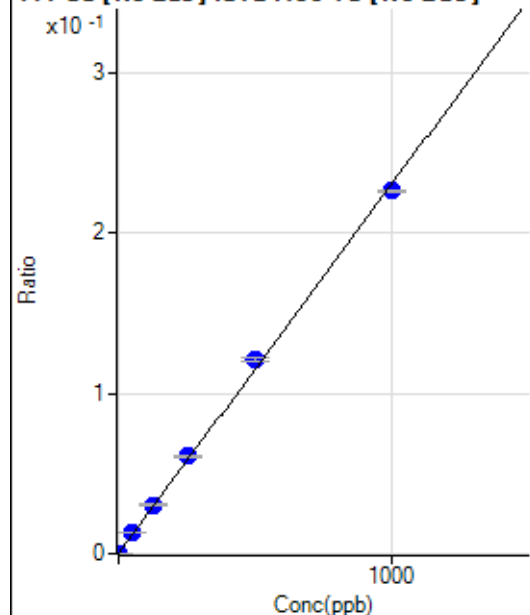
$$R = 0.9989$$

$$DL = 0.007257$$

$$BEC = 0.005581$$

Weight: <None>

Min Conc: 0

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

	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	706.72	0.0001	P	4.1
2	☐	0.100					
3	☐	1.000	1.113	2111.70	0.0004	P	8.2
4	☐	50.000	56.090	76301.81	0.0130	P	2.1
5	☐	125.000	131.488	181157.31	0.0304	P	2.6
6	☐	250.000	263.340	384048.94	0.0607	P	2.8
7	☐	500.000	525.854	769569.55	0.1211	P	1.4
8	☐	1000.000	982.622	1452181.96	0.2263	P	0.7
9	☐						

$$y = 2.3014\text{E-}004 * x + 1.2354\text{E-}004$$

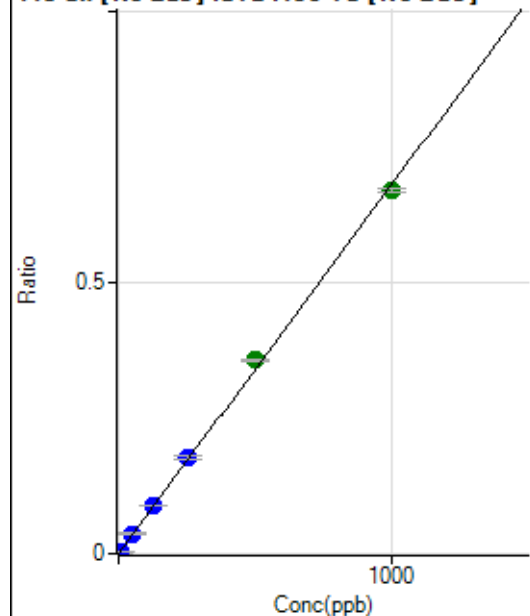
$$R = 0.9994$$

$$DL = 0.06665$$

$$BEC = 0.5368$$

Weight: <None>

Min Conc: 0

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

	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	283.35	0.0000	P	5.5
2	☐	0.500					
3	☐	5.000	5.445	20755.76	0.0037	P	8.4
4	☐	50.000	54.507	217028.08	0.0371	P	2.4
5	☐	125.000	129.686	525414.70	0.0881	P	2.7
6	☐	250.000	260.350	1118501.85	0.1769	P	2.9
7	☐	500.000	525.879	2269285.19	0.3572	A	1.2
8	☐	1000.000	983.660	4287999.18	0.6681	A	1.0
9	☐						

$$y = 6.7917\text{E-}004 * x + 4.9521\text{E-}005$$

$$R = 0.9994$$

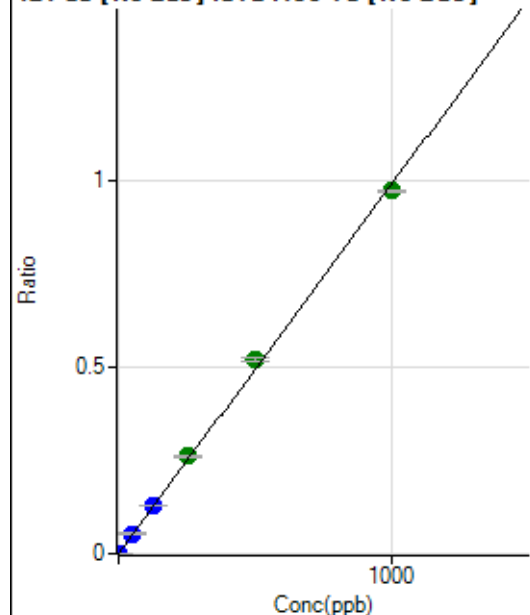
$$DL = 0.0121$$

$$BEC = 0.07291$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	52.78	0.0000	P	24.4
2	☐	0.200					
3	☐	2.000	2.165	11925.28	0.0022	P	6.6
4	☐	50.000	54.299	314519.60	0.0537	P	2.6
5	☐	125.000	129.816	765724.86	0.1284	P	2.3
6	☐	250.000	264.086	1652160.80	0.2612	A	2.5
7	☐	500.000	526.053	3305771.32	0.5204	A	1.6
8	☐	1000.000	982.635	6238602.22	0.9720	A	0.8
9	☐						

$$y = 9.8919\text{E-}004 * x + 9.2285\text{E-}006$$

$$R = 0.9994$$

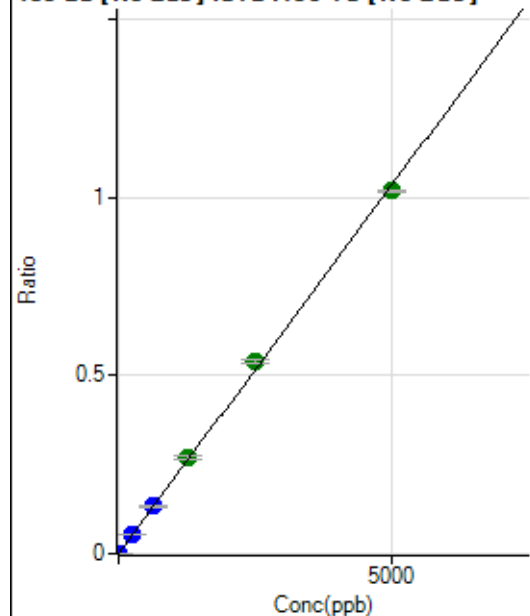
$$DL = 0.006818$$

$$BEC = 0.009329$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	22.22	0.0000	P	57.5
2	☐	1.000					
3	☐	10.000	10.665	12264.50	0.0022	P	3.3
4	☐	250.000	268.791	325419.03	0.0556	P	2.7
5	☐	625.000	641.209	790485.78	0.1326	P	3.0
6	☐	1250.000	1310.304	1713254.42	0.2709	A	3.5
7	☐	2500.000	2611.255	3430215.31	0.5400	A	1.2
8	☐	5000.000	4926.330	6538013.78	1.0187	A	0.8
9	☐						

$$y = 2.0678\text{E-}004 * x + 3.8891\text{E-}006$$

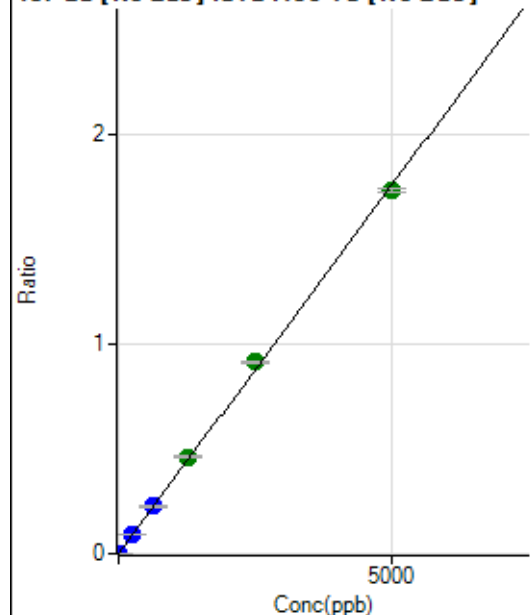
$$R = 0.9995$$

$$DL = 0.03245$$

$$BEC = 0.01881$$

Weight: <None>

Min Conc: 0

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	25.00	0.0000	P	66.7
2	☐	1.000					
3	☐	10.000	10.538	20575.01	0.0037	P	7.7
4	☐	250.000	270.420	557334.21	0.0952	P	2.0
5	☐	625.000	646.836	1357552.68	0.2277	P	2.2
6	☐	1250.000	1314.659	2926194.66	0.4627	A	3.1
7	☐	2500.000	2604.117	5823191.06	0.9166	A	0.7
8	☐	5000.000	4928.025	11132491.05	1.7346	A	1.2
9	☐						

$$y = 3.5198\text{E-}004 * x + 4.3671\text{E-}006$$

$$R = 0.9996$$

$$DL = 0.02483$$

$$BEC = 0.01241$$

Weight: <None>

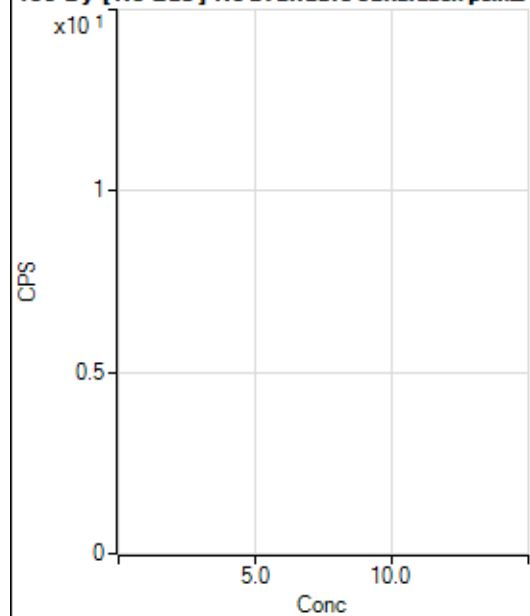
Min Conc: 0

150 Nd [No Gas] No available calibration points

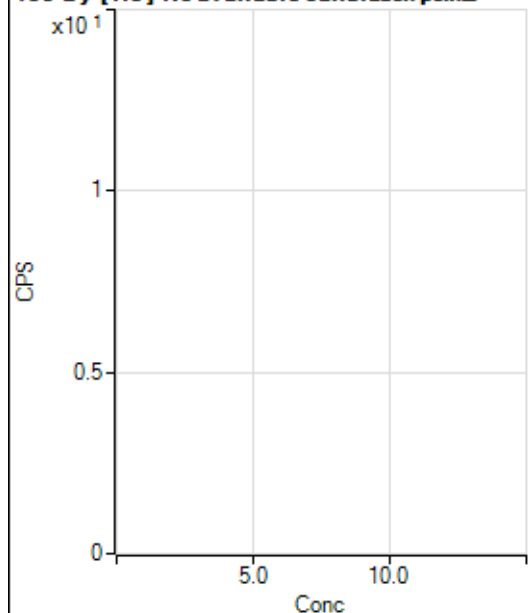
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			6.67		P	100.0
2	☐						
3	☐			15.56		P	89.2
4	☐			20.00		P	33.4
5	☐			73.34		P	24.0
6	☐			93.34		P	46.8
7	☐			162.23		P	10.3
8	☐			284.46		P	5.4
9	☐						

150 Nd [He] No available calibration points

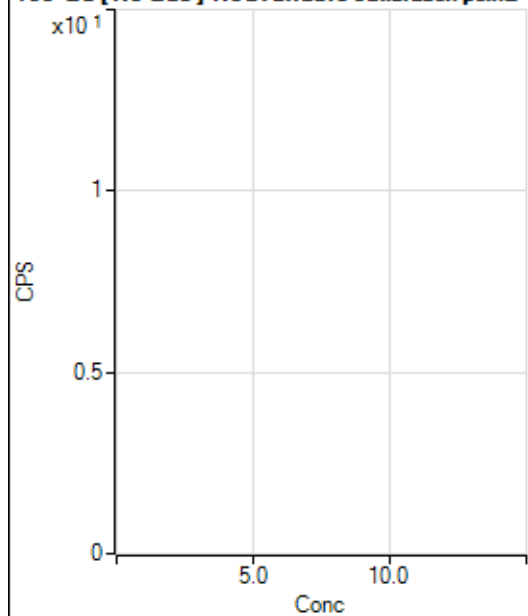
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			2.22		P	173.2
2	☐						
3	☐			1.11		P	173.2
4	☐			2.22		P	173.2
5	☐			2.22		P	173.2
6	☐			3.33		P	100.1
7	☐			12.22		P	56.8
8	☐			18.89		P	27.0
9	☐						

156 Dy [No Gas] No available calibration points

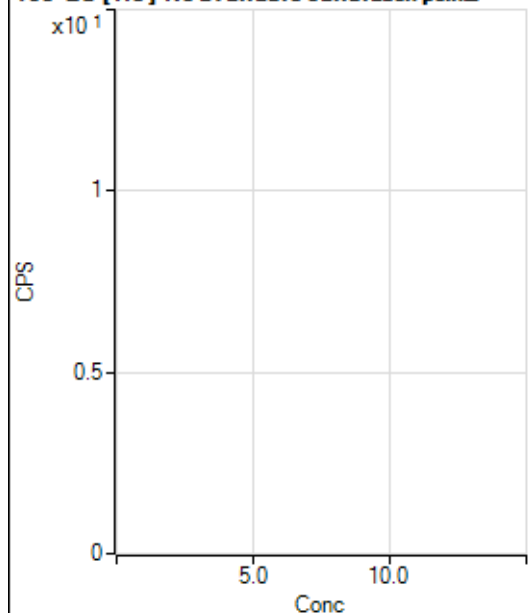
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			22.22		P	78.1
2	☐						
3	☐			13.89		P	91.6
4	☐			25.00		P	33.3
5	☐			13.89		P	69.3
6	☐			33.33		P	109.0
7	☐			63.89		P	30.1
8	☐			122.23		P	20.8
9	☐						

156 Dy [He] No available calibration points

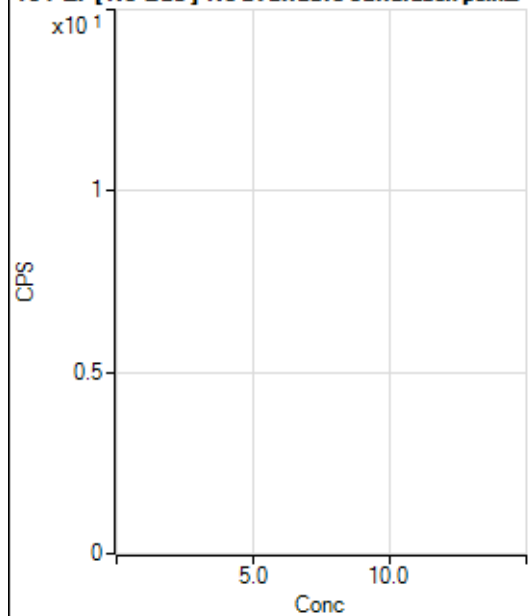
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			1.11		P	173.2
2	☐						
3	☐			1.11		P	173.2
4	☐			2.22		P	173.2
5	☐			1.11		P	173.2
6	☐			6.67		P	50.0
7	☐			2.22		P	86.6
8	☐			14.44		P	13.4
9	☐						

160 Gd [No Gas] Noavailable calibration poin_

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			61.12		P	34.3
2	☐						
3	☐			61.11		P	20.8
4	☐			52.78		P	36.5
5	☐			44.45		P	28.7
6	☐			47.22		P	53.9
7	☐			50.00		P	44.1
8	☐			88.89		P	44.3
9	☐						

160 Gd [He] No available calibration points

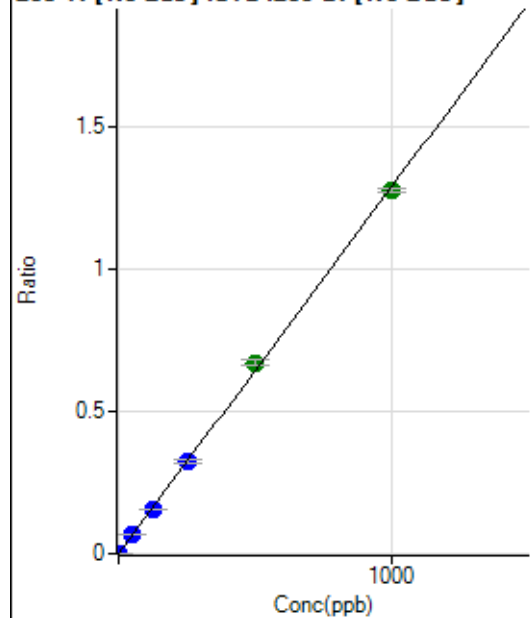
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			12.22		P	31.5
2	☐						
3	☐			15.56		P	75.3
4	☐			14.45		P	74.2
5	☐			13.33		P	NaN
6	☐			7.78		P	99.0
7	☐			11.11		P	34.6
8	☐			22.22		P	31.2
9	☐						

164 Er [No Gas] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			11.11		P	114.6
2	☐						
3	☐			30.56		P	41.7
4	☐			13.89		P	69.3
5	☐			19.45		P	24.7
6	☐			16.67		P	50.0
7	☐			25.00		P	33.3
8	☐			36.11		P	13.3
9	☐						

164 Er [He] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐			6.67		P	50.0
2	☐						
3	☐			4.44		P	43.4
4	☐			3.33		P	100.1
5	☐			6.67		P	100.0
6	☐			4.44		P	114.6
7	☐			8.89		P	78.1
8	☐			10.00		P	33.3
9	☐						

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	22.22	0.0000	P	57.5
2	☐	0.100					
3	☐	1.000	0.998	4362.07	0.0013	P	5.1
4	☐	50.000	51.062	233517.19	0.0657	P	2.1
5	☐	125.000	121.668	574547.95	0.1565	P	2.4
6	☐	250.000	252.543	1254310.02	0.3249	P	3.1
7	☐	500.000	520.485	2620779.87	0.6696	A	2.8
8	☐	1000.000	989.485	4932572.33	1.2729	A	1.0
9	☐						

$$y = 0.0013 * x + 6.4376E-006$$

$$R = 0.9997$$

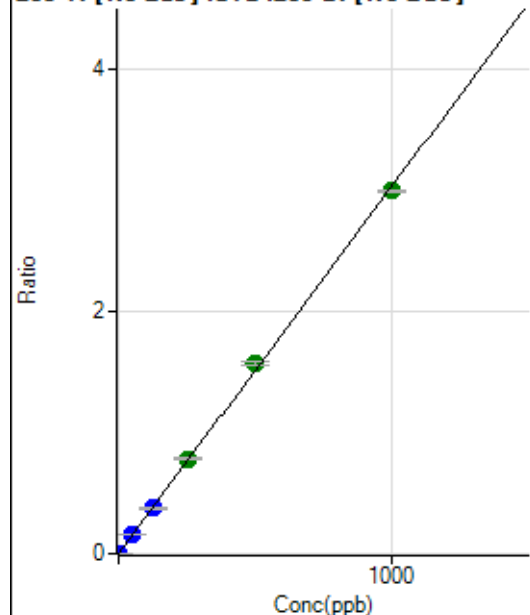
$$DL = 0.008632$$

$$BEC = 0.005004$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	75.00	0.0000	P	10.9
2	☐	0.100					
3	☐	1.000	0.981	10118.44	0.0030	P	9.2
4	☐	50.000	51.636	557031.72	0.1567	P	1.1
5	☐	125.000	123.529	1375881.40	0.3748	P	1.5
6	☐	250.000	257.824	3020683.77	0.7822	A	2.4
7	☐	500.000	518.315	6155524.05	1.5725	A	1.9
8	☐	1000.000	988.988	11627364.41	3.0005	A	0.7
9	☐						

$$y = 0.0030 * x + 2.1675E-005$$

$$R = 0.9997$$

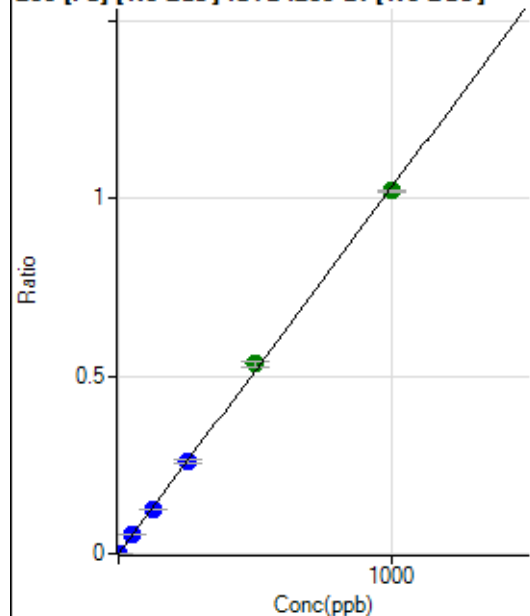
$$DL = 0.002326$$

$$BEC = 0.007144$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	96.30	0.0000	P	12.2
2	☐	0.100					
3	☐	1.000	1.042	3711.77	0.0011	P	12.3
4	☐	50.000	51.675	189239.17	0.0532	P	1.7
5	☐	125.000	121.745	460292.26	0.1254	P	1.0
6	☐	250.000	252.043	1002155.82	0.2595	P	2.4
7	☐	500.000	517.978	2087615.76	0.5334	A	2.6
8	☐	1000.000	990.823	3953428.97	1.0202	A	0.9
9	☐						

$$y = 0.0010 * x + 2.7839E-005$$

$$R = 0.9997$$

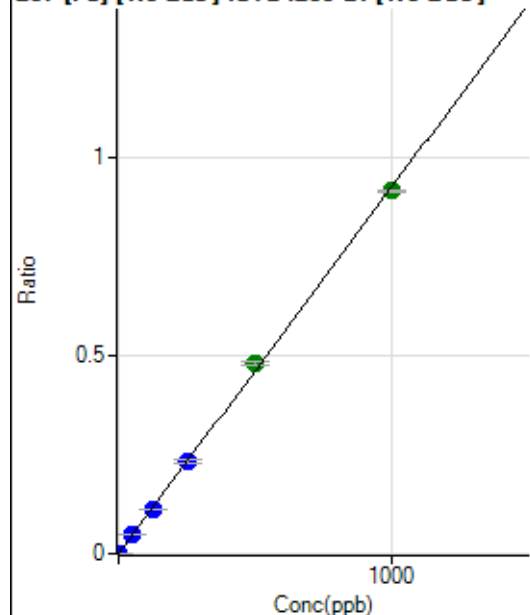
$$DL = 0.009882$$

$$BEC = 0.02704$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	75.93	0.0000	P	45.3
2	☐	0.100					
3	☐	1.000	1.035	3315.36	0.0010	P	6.1
4	☐	50.000	50.933	167818.49	0.0472	P	1.4
5	☐	125.000	121.769	414171.51	0.1128	P	2.0
6	☐	250.000	251.226	898661.45	0.2328	P	2.8
7	☐	500.000	519.020	1882062.37	0.4808	A	2.4
8	☐	1000.000	990.541	3555998.95	0.9176	A	0.7
9	☐						

$$y = 9.2639\text{E-}004 * x + 2.2002\text{E-}005$$

$$R = 0.9997$$

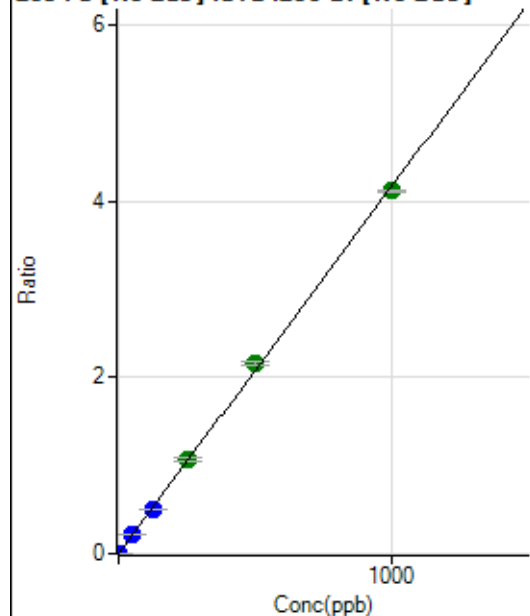
$$DL = 0.03229$$

$$BEC = 0.02375$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	368.53	0.0001	P	22.6
2	☐	0.100					
3	☐	1.000	1.029	14842.71	0.0044	P	8.1
4	☐	50.000	51.355	761470.31	0.2142	P	1.4
5	☐	125.000	121.922	1866196.55	0.5084	P	1.8
6	☐	250.000	255.760	4116973.27	1.0663	A	2.9
7	☐	500.000	520.489	8493464.98	2.1699	A	2.3
8	☐	1000.000	988.633	15971594.89	4.1216	A	0.4
9	☐						

$$y = 0.0042 * x + 1.0664\text{E-}004$$

$$R = 0.9997$$

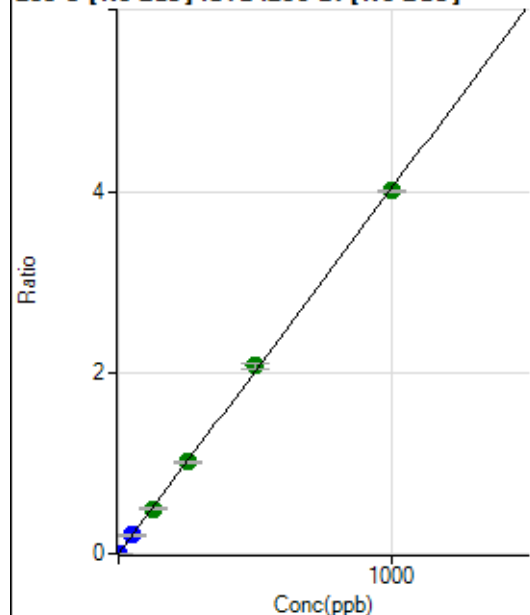
$$DL = 0.01731$$

$$BEC = 0.02558$$

Weight: <None>

Min Conc: 0

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



	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	16.67	0.0000	P	86.7
2	☐	0.100					
3	☐	1.000	1.011	13797.13	0.0041	P	7.5
4	☐	50.000	50.302	721347.90	0.2029	P	1.3
5	☐	125.000	122.745	1817511.04	0.4951	A	2.0
6	☐	250.000	250.832	3906261.72	1.0118	A	3.0
7	☐	500.000	513.690	8108952.79	2.0721	A	3.3
8	☐	1000.000	993.214	15525407.12	4.0063	A	0.2
9	☐						

$$y = 0.0040 * x + 4.8200E-006$$

$$R = 0.9999$$

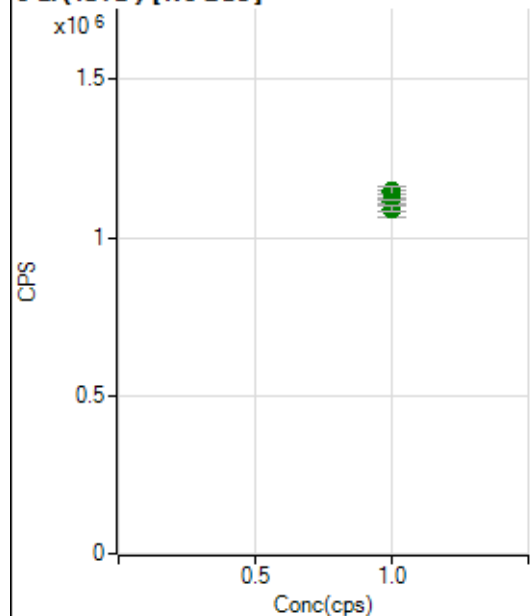
$$DL = 0.003109$$

$$BEC = 0.001195$$

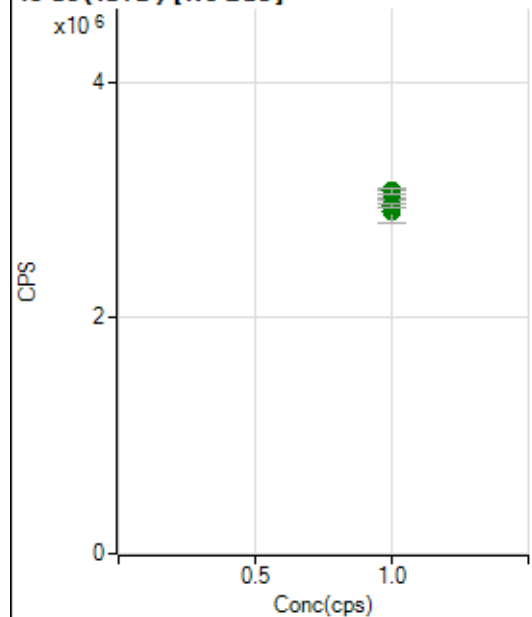
Weight: <None>

Min Conc: 0

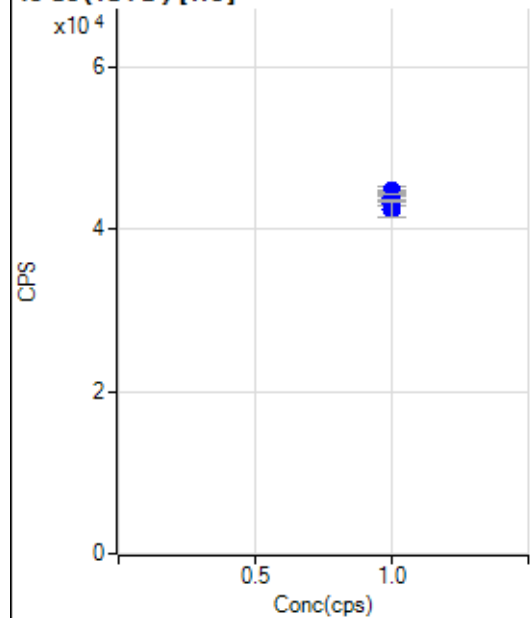
6 Li (ISTD) [No Gas]



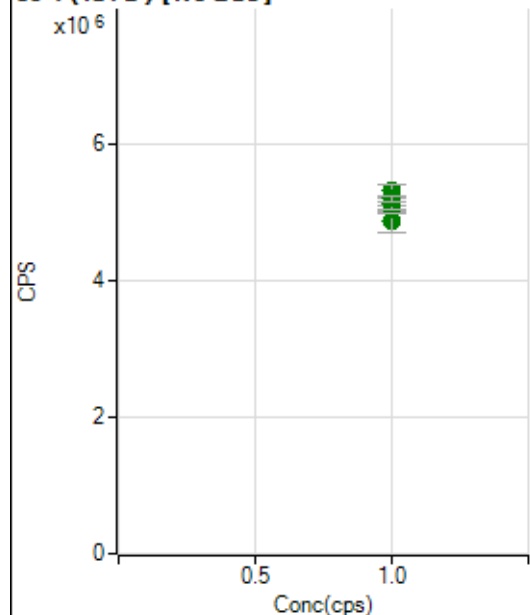
	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	1.000		1144939.92		A	1.1
2	☐	1.000					
3	☐	1.000		1102715.39		A	6.5
4	☐	1.000		1136405.46		A	2.8
5	☐	1.000		1148049.00		A	2.3
6	☐	1.000		1143609.83		A	3.2
7	☐	1.000		1112363.58		A	0.9
8	☐	1.000		1090301.90		A	1.5
9	☐	1.000					

45 Sc (ISTD) [No Gas]

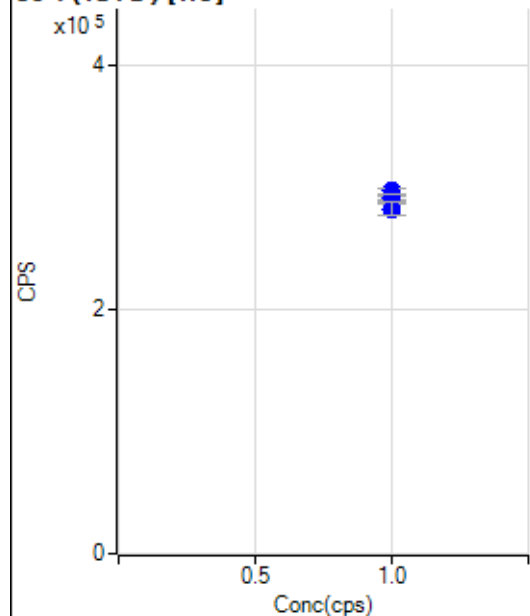
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		3015738.57		A	0.7
2	☐	1.000					
3	☐	1.000		2905316.71		A	6.9
4	☐	1.000		3054842.84		A	2.9
5	☐	1.000		3048531.23		A	2.6
6	☐	1.000		3078687.16		A	1.9
7	☐	1.000		2955910.27		A	1.4
8	☐	1.000		2954051.26		A	1.6
9	☐	1.000					

45 Sc (ISTD) [He]

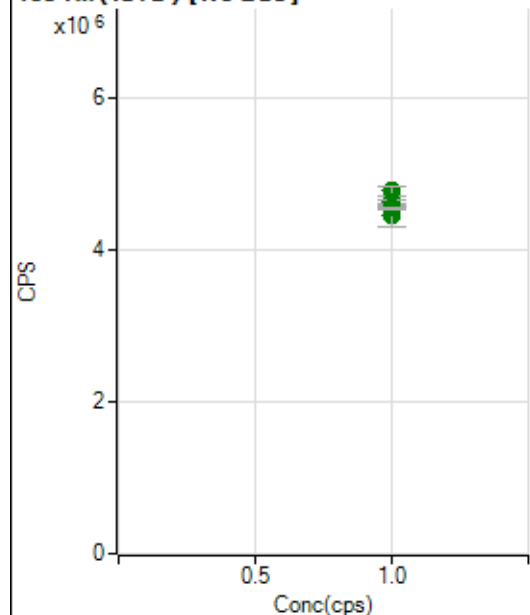
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		44764.62		P	2.0
2	☐	1.000					
3	☐	1.000		44742.21		P	0.3
4	☐	1.000		44439.16		P	1.9
5	☐	1.000		44422.38		P	0.8
6	☐	1.000		43999.87		P	1.4
7	☐	1.000		43230.91		P	1.5
8	☐	1.000		42478.80		P	4.6
9	☐	1.000					

89 Y (ISTD) [No Gas]

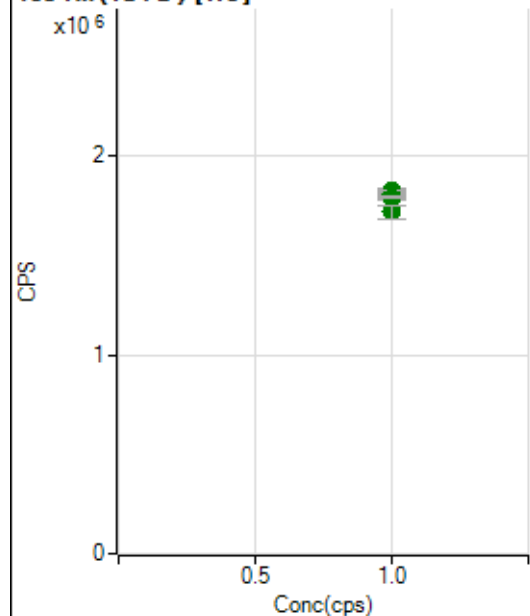
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		5032139.82		A	0.6
2	☐	1.000					
3	☐	1.000		4875190.41		A	6.7
4	☐	1.000		5029972.60		A	2.4
5	☐	1.000		5119823.02		A	3.5
6	☐	1.000		5307226.90		A	3.3
7	☐	1.000		5193038.36		A	1.9
8	☐	1.000		5190465.34		A	1.1
9	☐	1.000					

89 Y (ISTD) [He]

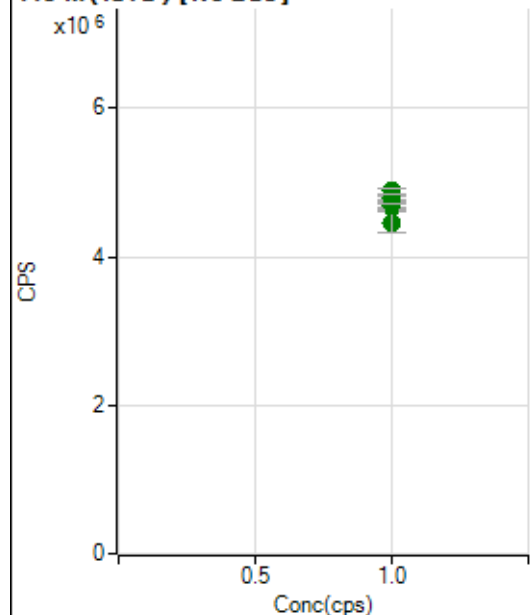
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		289309.63		P	0.8
2	☐	1.000					
3	☐	1.000		294193.93		P	0.3
4	☐	1.000		297043.74		P	1.4
5	☐	1.000		293648.96		P	0.9
6	☐	1.000		291880.45		P	1.5
7	☐	1.000		287081.46		P	0.5
8	☐	1.000		282292.07		P	4.0
9	☐	1.000					

103 Rh (ISTD) [No Gas]

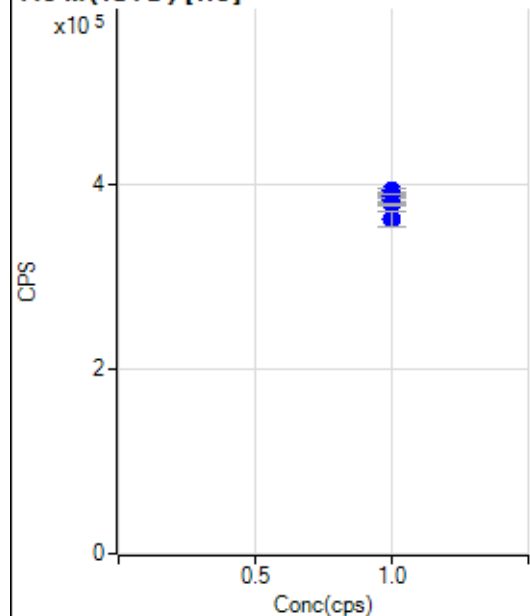
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		4598369.50		A	0.2
2	☐	1.000					
3	☐	1.000		4452774.28		A	6.9
4	☐	1.000		4609429.62		A	1.9
5	☐	1.000		4646136.52		A	3.1
6	☐	1.000		4781191.95		A	2.7
7	☐	1.000		4634595.46		A	1.5
8	☐	1.000		4557466.12		A	0.5
9	☐	1.000					

103 Rh (ISTD) [He]

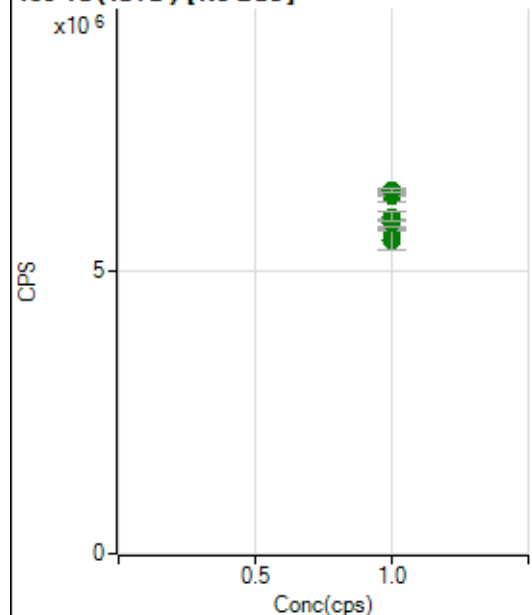
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		1793382.56		A	2.0
2	☐	1.000					
3	☐	1.000		1823148.74		A	0.9
4	☐	1.000		1818770.90		A	0.5
5	☐	1.000		1818283.51		A	0.4
6	☐	1.000		1808372.53		A	1.5
7	☐	1.000		1792187.09		A	0.1
8	☐	1.000		1719783.24		A	4.0
9	☐	1.000					

115 In (ISTD) [No Gas]

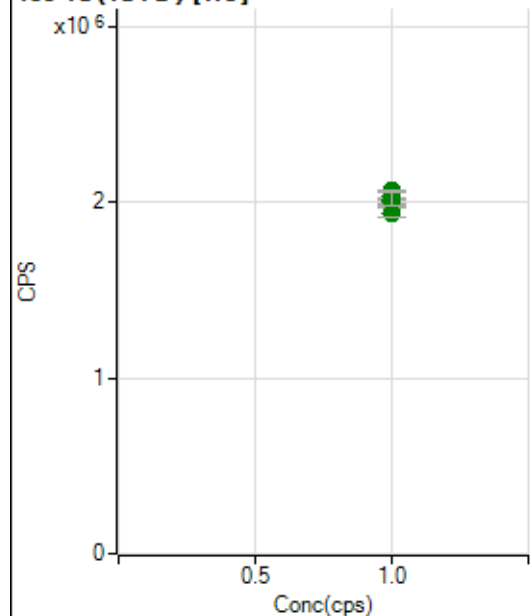
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		4659842.97		A	0.5
2	☐	1.000					
3	☐	1.000		4463377.12		A	6.7
4	☐	1.000		4688850.73		A	2.2
5	☐	1.000		4724248.74		A	3.4
6	☐	1.000		4885127.43		A	1.7
7	☐	1.000		4794360.27		A	1.5
8	☐	1.000		4710288.06		A	0.3
9	☐	1.000					

115 In (ISTD) [He]

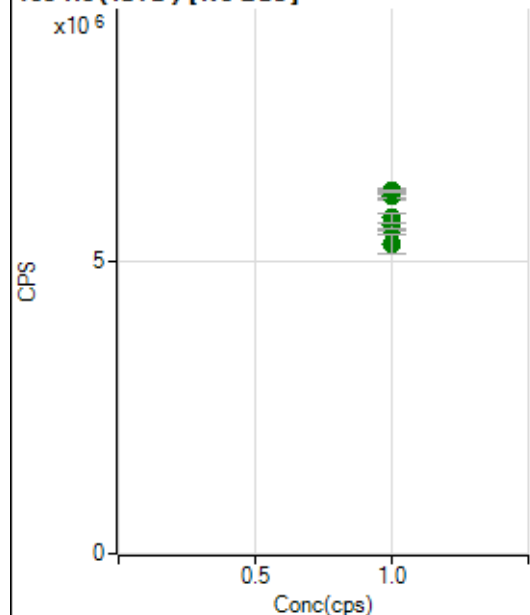
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		383153.50		P	1.8
2	☐	1.000					
3	☐	1.000		389343.03		P	0.7
4	☐	1.000		392060.75		P	1.0
5	☐	1.000		388310.76		P	0.9
6	☐	1.000		386421.53		P	1.3
7	☐	1.000		377413.04		P	0.7
8	☐	1.000		362145.23		P	4.4
9	☐	1.000					

159 Tb (ISTD) [No Gas]

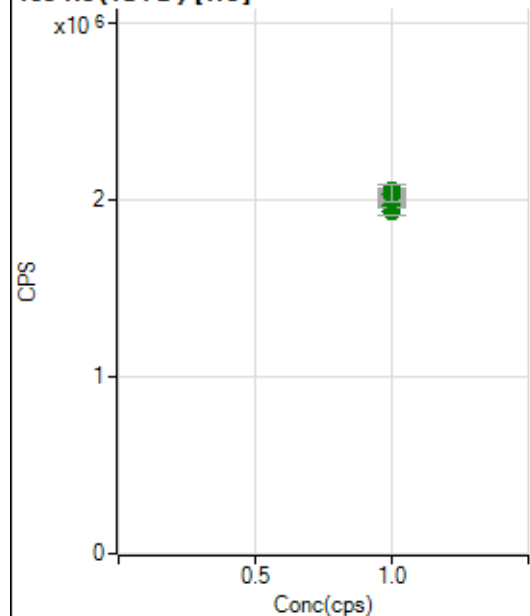
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		5721107.55		A	0.4
2	☐	1.000					
3	☐	1.000		5560015.65		A	6.9
4	☐	1.000		5857009.08		A	2.4
5	☐	1.000		5965149.28		A	2.9
6	☐	1.000		6327233.45		A	2.8
7	☐	1.000		6353122.96		A	0.8
8	☐	1.000		6418503.10		A	1.1
9	☐	1.000					

159 Tb (ISTD) [He]

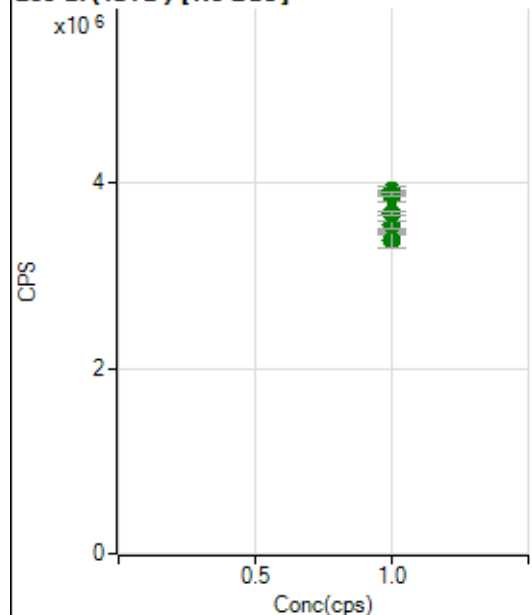
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		1940654.29		A	2.8
2	☐	1.000					
3	☐	1.000		1971424.29		A	0.7
4	☐	1.000		2002928.03		A	1.0
5	☐	1.000		2021149.24		A	0.5
6	☐	1.000		2039663.21		A	1.4
7	☐	1.000		2063408.06		A	0.4
8	☐	1.000		2017284.99		A	4.2
9	☐	1.000					

165 Ho (ISTD) [No Gas]

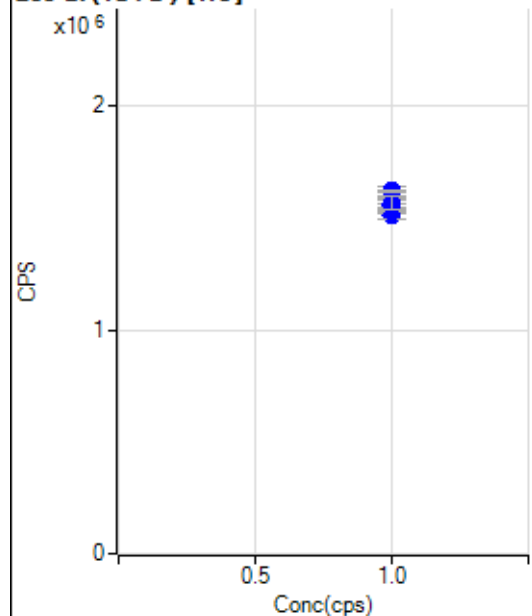
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		5525693.66		A	0.4
2	☐	1.000					
3	☐	1.000		5289595.78		A	6.4
4	☐	1.000		5598677.86		A	1.8
5	☐	1.000		5725686.24		A	2.9
6	☐	1.000		6134313.55		A	3.0
7	☐	1.000		6110562.55		A	0.9
8	☐	1.000		6188762.99		A	0.5
9	☐	1.000					

165 Ho (ISTD) [He]

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		1942237.31		A	2.9
2	☐	1.000					
3	☐	1.000		1968663.93		A	0.8
4	☐	1.000		2006993.44		A	0.9
5	☐	1.000		2033585.28		A	0.4
6	☐	1.000		2053500.94		A	1.2
7	☐	1.000		2053244.20		A	0.2
8	☐	1.000		2037619.55		A	4.7
9	☐	1.000					

209 Bi (ISTD) [No Gas]

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		3459598.04		A	0.8
2	☐	1.000					
3	☐	1.000		3386677.34		A	5.4
4	☐	1.000		3555727.03		A	2.2
5	☐	1.000		3671469.81		A	1.3
6	☐	1.000		3863140.01		A	3.1
7	☐	1.000		3915268.59		A	2.1
8	☐	1.000		3875237.10		A	0.9
9	☐	1.000					

209 Bi (ISTD) [He]

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		1508478.57		P	1.4
2	☐	1.000					
3	☐	1.000		1528828.87		P	0.4
4	☐	1.000		1554402.56		P	1.5
5	☐	1.000		1581092.35		P	0.5
6	☐	1.000		1619862.86		M	2.3
7	☐	1.000		1619111.12		P	0.2
8	☐	1.000		1566805.76		P	4.2
9	☐	1.000					

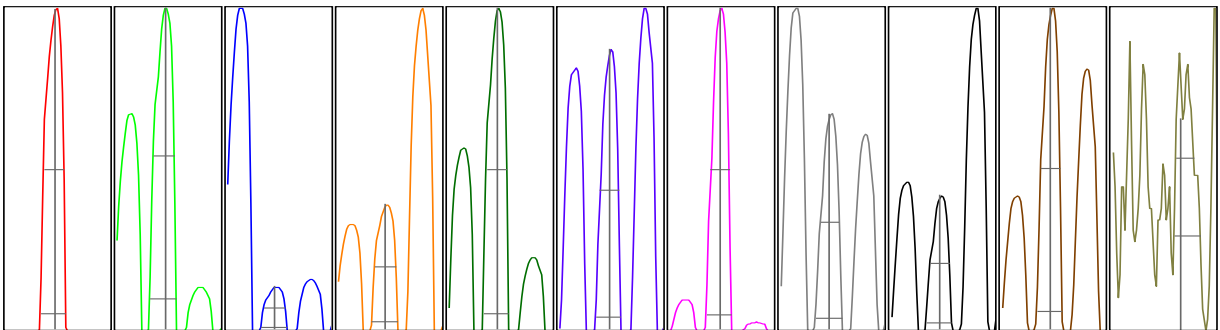
US EPA Tune Check Sample Report

Batch Folder D:\P8112718 MS.b
Report Comment
Instrument Name G8403A JP17141814

[No Gas]				
Mass	Count (Mean)	RSD% (Actual)	RSD% (Required)	RSD% (Flag)
9	3871	2.83	5.00	
24	32715	3.17	5.00	
25	4543	3.45	5.00	
26	5311	3.22	5.00	
59	36100	3.44	5.00	
113	4649	3.26	5.00	
115	54643	3.44	5.00	
206	12346	3.33	5.00	
207	11117	3.14	5.00	
208	26289	3.11	5.00	
220	1	23.59		

Mass	Replicate 1 Count	Replicate 2 Count	Replicate 3 Count	Replicate 4 Count	Replicate 5 Count
9	3931	3874	3844	3706	4000
24	33323	32516	32247	31388	34101
25	4644	4534	4462	4335	4738
26	5387	5307	5239	5082	5543
59	36852	35982	35342	34582	37741
113	4729	4612	4571	4469	4863
115	55656	53962	53815	52460	57321
206	12498	12306	12132	11850	12945
207	11276	11006	10974	10702	11625
208	26723	26071	25898	25310	27444
220	1	1	1	1	1

Integration Time [sec] = 0.1



Mass	Peak Height	Axis (Actual)	Axis (Required)	Axis (Flag)	Width-X% (Actual)	Width-X% (Required)	Width- X% (Flag)
9	7059	8.95	8.9 - 9.1		0.730	0.900	
24	57499	23.95	23.9 - 24.1		0.758	0.900	
25	7802	24.90	24.9 - 25.1		0.739	0.900	
26	9204	25.90	25.9 - 26.1		0.737	0.900	
59	65182	58.95	58.9 - 59.1		0.735	0.900	
113	9137	113.00	112.9 - 113.1		0.720	0.900	
115	107707	115.00	114.9 - 115.1		0.725	0.900	
206	23244	205.95	205.9 - 206.1		0.769	0.900	
207	21150	206.95	206.9 - 207.1		0.737	0.900	
208	50544	207.95	207.9 - 208.1		0.729	0.900	
220	1	220.50	-		0.745		

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	9.1	V	Deflect	16.6	V
Extract 2	-240.0	V	Cell Entrance	-30	V	Plate Bias	-35	V
Omega Bias	-115	V	Cell Exit	-50	V			

Cell Parameters

ParameterName	Value	Unit	ParameterName	Value	Unit	ParameterName	Value	Unit
Use Gas	No		OctP Bias	-8.0	V	Energy Discrimination	5.0	V
He Flow	0.0	mL/min	OctP RF	180	V			

[He]

Mass	Count (Mean)	RSD% (Actual)	RSD% (Required)
59	7367	1.55	
89	5441	1.57	
205	9433	0.73	

Mass	Replicate 1 Count	Replicate 2 Count	Replicate 3 Count	Replicate 4 Count	Replicate 5 Count
59	7200	7488	7384	7448	7316
89	5302	5524	5439	5497	5441
205	9316	9447	9456	9499	9444

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	9.1	V	Deflect	2.6	V
Extract 2	-240.0	V	Cell Entrance	-40	V	Plate Bias	-60	V
Omega Bias	-115	V	Cell Exit	-60	V			

Cell Parameters

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

LB Number :	LB99425	Operator :	Jaswal
Lab Sample ID :	S0	Instrumnet Name :	P8
Client Sample ID :	S0	Dilution Factor :	1
Date & Time Acquired ::	2018-11-27 15:06:47	DataFile Name :	003CALB.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	-0.79	-0.18	0.96	0.00	N/A	ppb
Antimony	121-1	0.00	0.00	0.00	0.00	N/A	ppb
Arsenic	75-2	-0.01	0.00	0.01	0.00	N/A	ppb
Barium	135-1	0.00	0.01	-0.01	0.00	N/A	ppb
Barium	137-1	0.01	-0.01	0.00	0.00	N/A	ppb
Beryllium	9-1	-0.02	0.03	-0.01	0.00	N/A	ppb
Bismuth	209-1				100		%
Bismuth	209-2				100		%
Boron	10-1	-0.05	-0.04	0.08	0.00	N/A	ppb
Boron	11-1	-0.01	-0.07	0.08	0.00	N/A	ppb
Cadmium	111-1	-0.01	0.03	-0.01	0.00	N/A	ppb
Cadmium	106-1	-0.12	0.39	-0.27	0.00	N/A	ppb
Cadmium	108-1	0.06	0.01	-0.07	0.00	N/A	ppb
Calcium	43-1	2.47	2.57	-5.05	0.00	N/A	ppb
Calcium	44-1	-0.46	1.87	-1.41	0.00	N/A	ppb
Chromium	52-2	0.02	-0.06	0.04	0.00	N/A	ppb
Cobalt	59-2	0.00	-0.01	0.01	0.00	N/A	ppb
Copper	63-2	0.02	-0.03	0.01	0.00	N/A	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				100		%
Holmium	165-2				100		%
Indium	115-1				100		%
Indium	115-2				100		%
Iron	56-2	-0.19	-0.03	0.22	0.00	N/A	ppb
Iron	57-2	-0.08	0.63	-0.55	0.00	N/A	ppb
Krypton	83-1	3911.73	-1957.43	-1954.30	0.00	N/A	ppb
Lead	206-1	0.00	0.00	0.00	0.00	N/A	ppb
Lead	207-1	0.01	0.00	-0.01	0.00	N/A	ppb
Lead	208-1	0.01	0.00	0.00	0.00	N/A	ppb
Lithium	6-1				100		%
Magnesium	24-2	-0.23	-0.56	0.79	0.00	N/A	ppb

LB Number :	LB99425	Operator :	Jaswal
Lab Sample ID :	S0	Instrumnet Name :	P8
Client Sample ID :	S0	Dilution Factor :	1
Date & Time Acquired ::	2018-11-27 15:06:47	DataFile Name :	003CALB.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	-0.06	0.04	0.02	0.00	N/A	ppb
Molybdenum	94-1	-0.01	0.01	0.00	0.00	N/A	ppb
Molybdenum	95-1	0.01	-0.01	-0.01	0.00	N/A	ppb
Molybdenum	96-1	0.00	-0.01	0.01	0.00	N/A	ppb
Molybdenum	97-1	0.00	0.00	0.00	0.00	N/A	ppb
Molybdenum	98-1	0.01	-0.01	0.00	0.00	N/A	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	-0.01	0.00	0.01	0.00	N/A	ppb
Phosphorus	31-2	15.16	-7.82	-7.66	-0.11		ppb
Potassium	39-2	-3.97	-0.31	4.28	0.00	N/A	ppb
Rhodium	103-1				100		%
Rhodium	103-2				100		%
Scandium	45-1				100		%
Scandium	45-2				100		%
Selenium	77-2	4.02	-2.01	-2.01	0.00	N/A	ppb
Selenium	78-2	-0.01	0.50	-0.50	0.00	N/A	ppb
Selenium	82-1	1.48	-0.73	-0.75	0.00	N/A	ppb
Silicon	28-1	0.53	0.24	-0.77	0.00	N/A	ppb
Silver	109-1	0.00	0.00	0.00	0.00	N/A	ppb
Silver	107-1	0.00	0.00	0.00	0.00	N/A	ppb
Sodium	23-2	-0.57	0.49	0.07	0.00	N/A	ppb
Strontium	86-1	0.03	0.03	-0.06	0.00	N/A	ppb
Strontium	88-1	0.00	0.00	0.00	0.00	N/A	ppb
Sulfur	34-1	-369.83	-508.53	-522.11	-466.82		ppb
Terbium	159-1				100		%
Terbium	159-2				100		%
Thallium	203-1	0.00	0.00	0.00	0.00	N/A	ppb
Thallium	205-1	0.00	0.00	0.00	0.00	N/A	ppb
Tin	118-1	0.00	0.00	0.00	0.00	N/A	ppb
Titanium	47-1	0.04	-0.06	0.02	0.00	N/A	ppb
Uranium	238-1	0.00	0.00	0.00	0.00	N/A	ppb
Vanadium	51-2	-0.01	-0.01	0.02	0.00	N/A	ppb
Yttrium	89-1				100		%
Yttrium	89-2				100		%
Zinc	66-2	-0.06	0.02	0.04	0.00	N/A	ppb

LB Number :	LB99425	Operator :	Jaswal
Lab Sample ID :	S0	Instrumnet Name :	P8
Client Sample ID :	S0	Dilution Factor :	1
Date & Time Acquired ::	2018-11-27 15:06:47	DataFile Name :	003CALB.d

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

LB Number :	LB99425	Operator :	Jaswal
Lab Sample ID :	S2	Instrumnet Name :	P8
Client Sample ID :	S2	Dilution Factor :	1
Date & Time Acquired ::	2018-11-27 15:13:57	DataFile Name :	005CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	21.30	21.45	21.26	21.34	0.46	ppb
Antimony	121-1	2.05	2.32	2.13	2.17	6.62	ppb
Arsenic	75-2	1.03	0.93	0.94	0.97	5.57	ppb
Barium	135-1	10.52	11.07	10.40	10.67	3.35	ppb
Barium	137-1	10.16	11.47	9.99	10.54	7.68	ppb
Beryllium	9-1	0.95	1.07	0.90	0.97	9.28	ppb
Bismuth	209-1				98		%
Bismuth	209-2				101		%
Boron	10-1	23.51	28.74	26.23	26.16	10.00	ppb
Boron	11-1	24.36	27.93	24.76	25.68	7.63	ppb
Cadmium	111-1	0.98	1.12	1.25	1.11	12.12	ppb
Cadmium	106-1	0.34	1.70	2.82	1.62	76.76	ppb
Cadmium	108-1	1.02	1.11	1.01	1.05	5.41	ppb
Calcium	43-1	485.49	534.86	460.96	493.77	7.62	ppb
Calcium	44-1	514.39	579.25	488.57	527.40	8.86	ppb
Chromium	52-2	2.06	2.29	2.10	2.15	5.83	ppb
Cobalt	59-2	0.95	1.02	0.97	0.98	3.73	ppb
Copper	63-2	2.01	2.06	2.10	2.06	2.23	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				96		%
Holmium	165-2				101		%
Indium	115-1				96		%
Indium	115-2				102		%
Iron	56-2	51.90	51.01	50.20	51.04	1.67	ppb
Iron	57-2	50.83	52.99	53.80	52.54	2.91	ppb
Krypton	83-1	-955.97	-786.86	1141.18	-200.55		ppb
Lead	206-1	0.96	1.19	0.97	1.04	12.65	ppb
Lead	207-1	1.01	1.11	0.99	1.04	6.20	ppb
Lead	208-1	0.97	1.13	0.99	1.03	8.25	ppb
Lithium	6-1				96		%
Magnesium	24-2	481.04	496.96	497.87	491.95	1.92	ppb

LB Number :	LB99425	Operator :	Jaswal
Lab Sample ID :	S2	Instrumnet Name :	P8
Client Sample ID :	S2	Dilution Factor :	1
Date & Time Acquired ::	2018-11-27 15:13:57	DataFile Name :	005CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	1.03	0.74	1.12	0.96	20.68	ppb
Molybdenum	94-1	4.93	6.01	4.97	5.30	11.54	ppb
Molybdenum	95-1	4.80	5.70	5.15	5.22	8.65	ppb
Molybdenum	96-1	4.84	5.50	5.13	5.15	6.38	ppb
Molybdenum	97-1	4.99	5.64	4.76	5.13	8.89	ppb
Molybdenum	98-1	4.84	5.39	4.85	5.03	6.27	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	1.11	1.00	1.15	1.09	7.07	ppb
Phosphorus	31-2	16.01	-19.76	4.06	0.11	17302.35	ppb
Potassium	39-2	488.17	489.94	500.41	492.84	1.34	ppb
Rhodium	103-1				97		%
Rhodium	103-2				102		%
Scandium	45-1				96		%
Scandium	45-2				100		%
Selenium	77-2	0.96	6.97	0.96	2.97	116.99	ppb
Selenium	78-2	3.96	4.99	3.95	4.30	13.87	ppb
Selenium	82-1	5.15	5.30	5.30	5.25	1.66	ppb
Silicon	28-1	17.25	27.37	13.93	19.52	35.88	ppb
Silver	109-1	1.08	1.25	1.02	1.12	10.87	ppb
Silver	107-1	1.05	1.23	1.03	1.10	9.83	ppb
Sodium	23-2	512.72	508.70	501.06	507.50	1.17	ppb
Strontium	86-1	1.02	1.08	0.99	1.03	4.42	ppb
Strontium	88-1	1.05	1.15	1.02	1.07	6.02	ppb
Sulfur	34-1	-235.52	2491.31	-855.32	466.82	381.39	ppb
Terbium	159-1				97		%
Terbium	159-2				102		%
Thallium	203-1	0.96	1.06	0.98	1.00	5.10	ppb
Thallium	205-1	0.90	1.08	0.97	0.98	9.26	ppb
Tin	118-1	5.29	5.96	5.08	5.44	8.48	ppb
Titanium	47-1	5.26	5.63	4.88	5.26	7.13	ppb
Uranium	238-1	0.94	1.09	1.00	1.01	7.55	ppb
Vanadium	51-2	4.72	4.76	4.89	4.79	1.85	ppb
Yttrium	89-1				97		%
Yttrium	89-2				102		%
Zinc	66-2	2.36	2.24	2.12	2.24	5.21	ppb

LB Number :	LB99425	Operator :	Jaswal
Lab Sample ID :	S2	Instrumnet Name :	P8
Client Sample ID :	S2	Dilution Factor :	1
Date & Time Acquired ::	2018-11-27 15:13:57	DataFile Name :	005CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	90-1	0.98	1.17	1.04	1.06	9.09	ppb
Zirconium	91-1	0.98	1.23	1.03	1.08	12.06	ppb

LB Number :	LB99425	Operator :	Jaswal
Lab Sample ID :	S3	Instrumnet Name :	P8
Client Sample ID :	S3	Dilution Factor :	1
Date & Time Acquired ::	2018-11-27 15:17:44	DataFile Name :	006CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	1063.59	1117.62	1064.91	1082.04	2.85	ppb
Antimony	121-1	55.62	54.42	52.86	54.30	2.55	ppb
Arsenic	75-2	52.42	50.53	52.58	51.84	2.20	ppb
Barium	135-1	275.85	269.10	261.42	268.79	2.69	ppb
Barium	137-1	275.29	271.40	264.57	270.42	2.01	ppb
Beryllium	9-1	55.19	51.57	51.61	52.79	3.94	ppb
Bismuth	209-1				103		%
Bismuth	209-2				103		%
Boron	10-1	51.68	52.30	50.32	51.43	1.97	ppb
Boron	11-1	53.99	51.70	53.04	52.91	2.18	ppb
Cadmium	111-1	57.27	56.12	54.88	56.09	2.13	ppb
Cadmium	106-1	57.43	58.95	55.96	57.45	2.60	ppb
Cadmium	108-1	57.96	54.69	51.91	54.85	5.52	ppb
Calcium	43-1	5290.56	5123.97	5073.26	5162.60	2.20	ppb
Calcium	44-1	5468.56	5226.04	5295.34	5329.98	2.34	ppb
Chromium	52-2	51.74	52.79	54.26	52.93	2.39	ppb
Cobalt	59-2	51.95	53.18	53.14	52.76	1.33	ppb
Copper	63-2	104.63	105.51	104.95	105.03	0.42	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				101		%
Holmium	165-2				103		%
Indium	115-1				101		%
Indium	115-2				102		%
Iron	56-2	2683.19	2675.60	2719.25	2692.68	0.87	ppb
Iron	57-2	2624.90	2663.05	2662.69	2650.21	0.83	ppb
Krypton	83-1	-1270.52	1550.64	387.29	222.47	637.30	ppb
Lead	206-1	52.69	51.12	51.21	51.67	1.70	ppb
Lead	207-1	51.75	50.39	50.66	50.93	1.41	ppb
Lead	208-1	52.18	50.83	51.05	51.35	1.41	ppb
Lithium	6-1				99		%
Magnesium	24-2	5288.22	5405.32	5361.20	5351.58	1.11	ppb

LB Number :	LB99425	Operator :	Jaswal
Lab Sample ID :	S3	Instrumnet Name :	P8
Client Sample ID :	S3	Dilution Factor :	1
Date & Time Acquired ::	2018-11-27 15:17:44	DataFile Name :	006CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	106.07	106.41	105.73	106.07	0.32	ppb
Molybdenum	94-1	271.33	263.28	260.01	264.87	2.20	ppb
Molybdenum	95-1	272.09	259.92	259.17	263.72	2.75	ppb
Molybdenum	96-1	270.15	257.15	257.95	261.75	2.78	ppb
Molybdenum	97-1	270.39	257.88	257.87	262.05	2.76	ppb
Molybdenum	98-1	271.19	258.27	259.77	263.07	2.69	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	52.02	52.16	53.43	52.54	1.48	ppb
Phosphorus	31-2	1016.67	1091.81	884.74	997.74	10.51	ppb
Potassium	39-2	2650.41	2652.97	2681.62	2661.67	0.65	ppb
Rhodium	103-1				100		%
Rhodium	103-2				101		%
Scandium	45-1				101		%
Scandium	45-2				99		%
Selenium	77-2	65.14	39.20	40.03	48.12	30.64	ppb
Selenium	78-2	46.79	47.18	48.66	47.54	2.08	ppb
Selenium	82-1	53.40	53.16	51.87	52.81	1.55	ppb
Silicon	28-1	78.99	57.05	54.77	63.60	21.02	ppb
Silver	109-1	56.64	55.80	54.75	55.73	1.70	ppb
Silver	107-1	57.25	55.97	54.96	56.06	2.05	ppb
Sodium	23-2	5249.29	5440.63	5395.94	5361.96	1.87	ppb
Strontium	86-1	52.85	51.22	50.86	51.64	2.05	ppb
Strontium	88-1	54.63	52.07	52.93	53.21	2.45	ppb
Sulfur	34-1	1514.12	451.24	495.67	820.34	73.29	ppb
Terbium	159-1				102		%
Terbium	159-2				103		%
Thallium	203-1	52.32	50.36	50.50	51.06	2.14	ppb
Thallium	205-1	52.25	51.20	51.46	51.64	1.06	ppb
Tin	118-1	55.83	54.53	53.17	54.51	2.44	ppb
Titanium	47-1	266.74	253.69	258.36	259.60	2.55	ppb
Uranium	238-1	51.05	49.85	50.00	50.30	1.30	ppb
Vanadium	51-2	51.60	51.08	52.41	51.70	1.29	ppb
Yttrium	89-1				100		%
Yttrium	89-2				103		%
Zinc	66-2	100.79	102.13	102.37	101.77	0.84	ppb

LB Number :	LB99425	Operator :	Jaswal
Lab Sample ID :	S3	Instrumnet Name :	P8
Client Sample ID :	S3	Dilution Factor :	1
Date & Time Acquired ::	2018-11-27 15:17:44	DataFile Name :	006CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	90-1	54.38	51.90	52.57	52.95	2.43	ppb
Zirconium	91-1	53.00	50.29	51.20	51.50	2.68	ppb

LB Number :	LB99425	Operator :	Jaswal
Lab Sample ID :	S4	Instrumnet Name :	P8
Client Sample ID :	S4	Dilution Factor :	1
Date & Time Acquired ::	2018-11-27 15:21:29	DataFile Name :	007CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	2471.42	2499.18	2557.58	2509.39	1.75	ppb
Antimony	121-1	129.34	127.15	132.96	129.82	2.26	ppb
Arsenic	75-2	126.59	125.41	127.45	126.48	0.81	ppb
Barium	135-1	630.69	629.80	663.14	641.21	2.96	ppb
Barium	137-1	639.18	637.89	663.44	646.84	2.22	ppb
Beryllium	9-1	124.29	122.41	128.30	125.00	2.41	ppb
Bismuth	209-1				106		%
Bismuth	209-2				105		%
Boron	10-1	124.69	121.19	128.58	124.82	2.96	ppb
Boron	11-1	118.60	122.13	127.90	122.88	3.82	ppb
Cadmium	111-1	128.99	130.12	135.36	131.49	2.58	ppb
Cadmium	106-1	134.96	133.23	135.03	134.40	0.76	ppb
Cadmium	108-1	130.53	131.32	133.17	131.67	1.03	ppb
Calcium	43-1	12064.52	12219.56	12945.40	12409.83	3.79	ppb
Calcium	44-1	12471.87	12128.83	12863.02	12487.91	2.94	ppb
Chromium	52-2	125.32	125.91	126.16	125.80	0.34	ppb
Cobalt	59-2	125.17	124.58	125.44	125.06	0.35	ppb
Copper	63-2	250.20	248.56	252.52	250.43	0.79	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				104		%
Holmium	165-2				105		%
Indium	115-1				101		%
Indium	115-2				101		%
Iron	56-2	6397.66	6241.80	6361.38	6333.61	1.29	ppb
Iron	57-2	6231.58	6206.25	6235.56	6224.46	0.26	ppb
Krypton	83-1	2633.10	391.97	-1409.77	538.43	376.17	ppb
Lead	206-1	120.86	121.17	123.21	121.75	1.05	ppb
Lead	207-1	119.99	120.83	124.48	121.77	1.96	ppb
Lead	208-1	120.54	120.73	124.50	121.92	1.83	ppb
Lithium	6-1				100		%
Magnesium	24-2	12601.39	12394.52	12573.74	12523.22	0.90	ppb

LB Number :	LB99425	Operator :	Jaswal
Lab Sample ID :	S4	Instrumnet Name :	P8
Client Sample ID :	S4	Dilution Factor :	1
Date & Time Acquired ::	2018-11-27 15:21:29	DataFile Name :	007CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	251.95	250.17	255.91	252.68	1.16	ppb
Molybdenum	94-1	622.84	609.70	656.72	629.75	3.85	ppb
Molybdenum	95-1	621.49	609.85	654.84	628.72	3.71	ppb
Molybdenum	96-1	625.18	613.86	648.84	629.30	2.84	ppb
Molybdenum	97-1	607.18	602.88	642.05	617.37	3.48	ppb
Molybdenum	98-1	619.94	617.14	653.59	630.22	3.22	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	126.16	126.48	126.97	126.54	0.32	ppb
Phosphorus	31-2	2550.90	2482.31	2676.33	2569.85	3.83	ppb
Potassium	39-2	6411.96	6346.80	6447.02	6401.92	0.79	ppb
Rhodium	103-1				101		%
Rhodium	103-2				101		%
Scandium	45-1				101		%
Scandium	45-2				99		%
Selenium	77-2	95.87	120.22	167.09	127.73	28.34	ppb
Selenium	78-2	129.85	124.54	118.59	124.33	4.53	ppb
Selenium	82-1	126.73	126.07	132.03	128.28	2.54	ppb
Silicon	28-1	131.85	128.13	138.92	132.97	4.12	ppb
Silver	109-1	130.16	128.54	135.63	131.44	2.83	ppb
Silver	107-1	132.19	129.13	136.82	132.71	2.92	ppb
Sodium	23-2	13013.11	12792.60	12958.40	12921.37	0.89	ppb
Strontium	86-1	122.45	120.69	129.35	124.16	3.69	ppb
Strontium	88-1	127.03	123.71	132.13	127.62	3.32	ppb
Sulfur	34-1	2160.54	1530.38	2624.53	2105.15	26.09	ppb
Terbium	159-1				104		%
Terbium	159-2				104		%
Thallium	203-1	119.77	120.27	124.96	121.67	2.35	ppb
Thallium	205-1	122.56	122.42	125.61	123.53	1.46	ppb
Tin	118-1	128.34	126.99	133.73	129.69	2.75	ppb
Titanium	47-1	610.97	605.53	649.96	622.15	3.90	ppb
Uranium	238-1	120.57	122.28	125.39	122.75	1.99	ppb
Vanadium	51-2	123.90	122.29	124.23	123.47	0.84	ppb
Yttrium	89-1				102		%
Yttrium	89-2				101		%
Zinc	66-2	238.22	235.92	241.89	238.67	1.26	ppb

LB Number :	LB99425	Operator :	Jaswal
Lab Sample ID :	S4	Instrumnet Name :	P8
Client Sample ID :	S4	Dilution Factor :	1
Date & Time Acquired ::	2018-11-27 15:21:29	DataFile Name :	007CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	90-1	123.59	121.52	129.79	124.97	3.44	ppb
Zirconium	91-1	120.35	117.48	126.61	121.48	3.84	ppb

LB Number :	LB99425	Operator :	Jaswal
Lab Sample ID :	S5	Instrumnet Name :	P8
Client Sample ID :	S5	Dilution Factor :	1
Date & Time Acquired ::	2018-11-27 15:25:08	DataFile Name :	008CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	5186.40	5154.93	5169.97	5170.43	0.30	ppb
Antimony	121-1	268.40	267.45	256.41	264.09	2.52	ppb
Arsenic	75-2	255.12	251.58	253.26	253.32	0.70	ppb
Barium	135-1	1335.20	1337.60	1258.12	1310.30	3.45	ppb
Barium	137-1	1336.24	1339.57	1268.16	1314.66	3.07	ppb
Beryllium	9-1	262.68	259.06	246.37	256.04	3.35	ppb
Bismuth	209-1				112		%
Bismuth	209-2				107		%
Boron	10-1	259.43	263.78	245.24	256.15	3.78	ppb
Boron	11-1	259.16	258.40	249.40	255.65	2.12	ppb
Cadmium	111-1	264.26	270.28	255.47	263.34	2.83	ppb
Cadmium	106-1	268.39	275.30	248.88	264.19	5.19	ppb
Cadmium	108-1	272.40	269.36	260.54	267.43	2.30	ppb
Calcium	43-1	25372.69	25828.32	24616.20	25272.40	2.42	ppb
Calcium	44-1	25519.69	25694.26	24849.54	25354.50	1.76	ppb
Chromium	52-2	259.79	256.76	254.63	257.06	1.01	ppb
Cobalt	59-2	258.13	255.58	252.43	255.38	1.12	ppb
Copper	63-2	512.68	508.77	506.88	509.44	0.58	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				111		%
Holmium	165-2				106		%
Indium	115-1				105		%
Indium	115-2				101		%
Iron	56-2	12753.41	12672.05	12676.63	12700.70	0.36	ppb
Iron	57-2	12853.57	12646.45	12632.33	12710.78	0.97	ppb
Krypton	83-1	1266.18	-208.11	64.68	374.25	209.59	ppb
Lead	206-1	255.07	256.07	244.99	252.04	2.43	ppb
Lead	207-1	254.35	256.16	243.17	251.23	2.80	ppb
Lead	208-1	260.61	259.30	247.37	255.76	2.85	ppb
Lithium	6-1				100		%
Magnesium	24-2	25557.26	25365.81	25516.38	25479.82	0.40	ppb

LB Number :	LB99425	Operator :	Jaswal
Lab Sample ID :	S5	Instrumnet Name :	P8
Client Sample ID :	S5	Dilution Factor :	1
Date & Time Acquired ::	2018-11-27 15:25:08	DataFile Name :	008CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	514.14	515.02	505.98	511.71	0.97	ppb
Molybdenum	94-1	1307.64	1317.60	1232.39	1285.88	3.62	ppb
Molybdenum	95-1	1293.19	1294.46	1216.03	1267.89	3.54	ppb
Molybdenum	96-1	1304.05	1293.99	1209.79	1269.28	4.08	ppb
Molybdenum	97-1	1322.41	1298.94	1236.36	1285.91	3.46	ppb
Molybdenum	98-1	1308.97	1288.51	1211.62	1269.70	4.04	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	259.74	258.54	256.13	258.14	0.71	ppb
Phosphorus	31-2	5316.29	5109.34	5532.92	5319.52	3.98	ppb
Potassium	39-2	12846.38	12652.26	12742.32	12746.99	0.76	ppb
Rhodium	103-1				104		%
Rhodium	103-2				101		%
Scandium	45-1				102		%
Scandium	45-2				98		%
Selenium	77-2	281.32	196.96	266.11	248.13	18.12	ppb
Selenium	78-2	246.20	258.88	273.81	259.63	5.32	ppb
Selenium	82-1	261.13	263.81	242.59	255.84	4.52	ppb
Silicon	28-1	269.94	263.68	261.70	265.10	1.62	ppb
Silver	109-1	273.05	274.80	260.64	269.50	2.87	ppb
Silver	107-1	270.91	275.16	260.72	268.93	2.76	ppb
Sodium	23-2	26051.45	26065.18	26059.51	26058.71	0.03	ppb
Strontium	86-1	255.96	257.41	241.00	251.46	3.61	ppb
Strontium	88-1	256.05	264.10	247.30	255.82	3.28	ppb
Sulfur	34-1	4150.49	4357.38	3143.60	3883.83	16.72	ppb
Terbium	159-1				111		%
Terbium	159-2				105		%
Thallium	203-1	255.13	258.85	243.65	252.54	3.14	ppb
Thallium	205-1	257.77	264.01	251.70	257.82	2.39	ppb
Tin	118-1	263.58	265.70	251.77	260.35	2.88	ppb
Titanium	47-1	1283.36	1285.95	1238.77	1269.36	2.09	ppb
Uranium	238-1	254.47	255.92	242.11	250.83	3.03	ppb
Vanadium	51-2	255.80	253.47	251.95	253.74	0.76	ppb
Yttrium	89-1				105		%
Yttrium	89-2				101		%
Zinc	66-2	492.35	488.48	488.18	489.67	0.48	ppb

LB Number :	LB99425	Operator :	Jaswal
Lab Sample ID :	S5	Instrumnet Name :	P8
Client Sample ID :	S5	Dilution Factor :	1
Date & Time Acquired ::	2018-11-27 15:25:08	DataFile Name :	008CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	90-1	259.58	264.10	249.03	257.57	3.00	ppb
Zirconium	91-1	251.04	255.30	240.22	248.85	3.13	ppb

LB Number :	LB99425	Operator :	Jaswal
Lab Sample ID :	S6	Instrumnet Name :	P8
Client Sample ID :	S6	Dilution Factor :	1
Date & Time Acquired ::	2018-11-27 15:28:41	DataFile Name :	009CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	10343.25	10141.83	10474.82	10319.97	1.63	ppb
Antimony	121-1	531.96	516.42	529.78	526.05	1.60	ppb
Arsenic	75-2	514.77	502.01	514.12	510.30	1.41	ppb
Barium	135-1	2645.07	2585.57	2603.13	2611.25	1.17	ppb
Barium	137-1	2605.99	2583.91	2622.45	2604.12	0.74	ppb
Beryllium	9-1	523.44	513.47	514.35	517.09	1.07	ppb
Bismuth	209-1				113		%
Bismuth	209-2				107		%
Boron	10-1	506.23	520.16	506.98	511.13	1.53	ppb
Boron	11-1	514.36	510.59	510.80	511.92	0.41	ppb
Cadmium	111-1	533.74	519.43	524.39	525.85	1.38	ppb
Cadmium	106-1	534.27	511.29	522.76	522.77	2.20	ppb
Cadmium	108-1	533.98	524.01	521.79	526.60	1.23	ppb
Calcium	43-1	53147.04	51710.54	51141.90	51999.82	1.99	ppb
Calcium	44-1	53257.46	51617.26	51366.10	52080.27	1.97	ppb
Chromium	52-2	518.06	503.76	518.14	513.32	1.61	ppb
Cobalt	59-2	514.39	503.00	518.89	512.09	1.60	ppb
Copper	63-2	1053.24	1010.58	1041.68	1035.17	2.13	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				111		%
Holmium	165-2				106		%
Indium	115-1				103		%
Indium	115-2				99		%
Iron	56-2	25666.74	25185.27	25733.37	25528.46	1.17	ppb
Iron	57-2	25835.64	25145.00	25695.41	25558.68	1.43	ppb
Krypton	83-1	-1835.93	2452.53	-1951.31	-444.90		ppb
Lead	206-1	533.25	512.13	508.55	517.98	2.58	ppb
Lead	207-1	532.83	514.71	509.53	519.02	2.36	ppb
Lead	208-1	533.77	516.82	510.87	520.49	2.28	ppb
Lithium	6-1				97		%
Magnesium	24-2	51857.52	51476.89	52108.84	51814.42	0.61	ppb

LB Number :	LB99425	Operator :	Jaswal
Lab Sample ID :	S6	Instrumnet Name :	P8
Client Sample ID :	S6	Dilution Factor :	1
Date & Time Acquired ::	2018-11-27 15:28:41	DataFile Name :	009CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	1029.43	1006.74	1042.53	1026.23	1.76	ppb
Molybdenum	94-1	2659.28	2560.69	2572.43	2597.47	2.07	ppb
Molybdenum	95-1	2680.51	2532.26	2542.44	2585.07	3.20	ppb
Molybdenum	96-1	2655.11	2541.62	2567.23	2587.98	2.30	ppb
Molybdenum	97-1	2660.65	2561.63	2581.76	2601.34	2.01	ppb
Molybdenum	98-1	2661.34	2543.12	2583.10	2595.85	2.32	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	524.12	507.28	520.97	517.46	1.73	ppb
Phosphorus	31-2	10487.21	10392.25	10389.69	10423.05	0.53	ppb
Potassium	39-2	25746.81	25093.88	25618.40	25486.36	1.36	ppb
Rhodium	103-1				101		%
Rhodium	103-2				100		%
Scandium	45-1				98		%
Scandium	45-2				97		%
Selenium	77-2	509.32	492.87	495.93	499.38	1.75	ppb
Selenium	78-2	459.85	539.16	520.92	506.64	8.20	ppb
Selenium	82-1	534.80	515.11	514.15	521.36	2.24	ppb
Silicon	28-1	531.53	513.51	504.85	516.63	2.63	ppb
Silver	109-1	543.06	525.74	530.67	533.16	1.67	ppb
Silver	107-1	536.20	525.22	531.60	531.01	1.04	ppb
Sodium	23-2	52344.55	49879.90	51964.35	51396.26	2.58	ppb
Strontium	86-1	523.32	503.87	507.20	511.47	2.03	ppb
Strontium	88-1	534.96	510.55	518.72	521.41	2.38	ppb
Sulfur	34-1	10525.47	9416.38	8864.17	9602.01	8.81	ppb
Terbium	159-1				111		%
Terbium	159-2				106		%
Thallium	203-1	537.14	512.40	511.92	520.49	2.77	ppb
Thallium	205-1	529.69	514.15	511.10	518.32	1.92	ppb
Tin	118-1	532.71	524.06	520.87	525.88	1.16	ppb
Titanium	47-1	2675.85	2582.78	2597.24	2618.62	1.91	ppb
Uranium	238-1	531.19	513.02	496.87	513.69	3.34	ppb
Vanadium	51-2	514.10	504.88	513.24	510.74	1.00	ppb
Yttrium	89-1				103		%
Yttrium	89-2				99		%
Zinc	66-2	1028.53	999.47	1034.37	1020.79	1.83	ppb

LB Number :	LB99425	Operator :	Jaswal
Lab Sample ID :	S6	Instrumnet Name :	P8
Client Sample ID :	S6	Dilution Factor :	1
Date & Time Acquired ::	2018-11-27 15:28:41	DataFile Name :	009CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	90-1	533.25	509.95	513.76	518.99	2.41	ppb
Zirconium	91-1	520.64	494.52	501.25	505.47	2.68	ppb

LB Number :	LB99425	Operator :	Jaswal
Lab Sample ID :	S7	Instrumnet Name :	P8
Client Sample ID :	S7	Dilution Factor :	1
Date & Time Acquired ::	2018-11-27 15:32:10	DataFile Name :	010CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	19541.94	19148.20	20686.26	19792.13	4.04	ppb
Antimony	121-1	991.22	977.07	979.61	982.63	0.77	ppb
Arsenic	75-2	972.98	964.37	1043.88	993.74	4.39	ppb
Barium	135-1	4957.13	4881.88	4939.97	4926.33	0.80	ppb
Barium	137-1	4980.94	4863.00	4940.14	4928.03	1.22	ppb
Beryllium	9-1	976.50	981.94	1010.98	989.81	1.87	ppb
Bismuth	209-1				112		%
Bismuth	209-2				104		%
Boron	10-1	973.19	988.82	1016.46	992.82	2.21	ppb
Boron	11-1	968.15	994.41	1015.63	992.73	2.40	ppb
Cadmium	111-1	989.25	976.16	982.45	982.62	0.67	ppb
Cadmium	106-1	994.79	976.97	978.80	983.52	1.00	ppb
Cadmium	108-1	982.62	981.77	979.41	981.27	0.17	ppb
Calcium	43-1	100885.51	97114.05	98805.92	98935.16	1.91	ppb
Calcium	44-1	100342.98	97479.71	98745.65	98856.11	1.45	ppb
Chromium	52-2	977.64	958.87	1037.47	991.33	4.14	ppb
Cobalt	59-2	970.61	946.96	1059.82	992.46	6.00	ppb
Copper	63-2	1950.95	1902.81	2085.49	1979.75	4.78	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				112		%
Holmium	165-2				105		%
Indium	115-1				101		%
Indium	115-2				95		%
Iron	56-2	48626.42	47864.57	52505.54	49665.51	5.01	ppb
Iron	57-2	48842.60	47762.89	52385.43	49663.64	4.87	ppb
Krypton	83-1	1909.90	1125.27	1108.70	1381.29	33.15	ppb
Lead	206-1	992.16	981.76	998.55	990.82	0.85	ppb
Lead	207-1	990.39	983.68	997.55	990.54	0.70	ppb
Lead	208-1	990.67	983.55	991.68	988.63	0.45	ppb
Lithium	6-1				95		%
Magnesium	24-2	98096.96	95394.75	103365.48	98952.40	4.10	ppb

LB Number :	LB99425	Operator :	Jaswal
Lab Sample ID :	S7	Instrumnet Name :	P8
Client Sample ID :	S7	Dilution Factor :	1
Date & Time Acquired ::	2018-11-27 15:32:10	DataFile Name :	010CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	1952.67	1907.85	2089.44	1983.32	4.77	ppb
Molybdenum	94-1	4987.04	4892.85	4942.99	4940.96	0.95	ppb
Molybdenum	95-1	5011.52	4897.93	4946.07	4951.84	1.15	ppb
Molybdenum	96-1	5000.13	4938.06	4912.00	4950.06	0.91	ppb
Molybdenum	97-1	5003.75	4924.26	4894.10	4940.70	1.15	ppb
Molybdenum	98-1	4988.66	4941.32	4907.54	4945.84	0.82	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	972.53	951.68	1042.54	988.92	4.81	ppb
Phosphorus	31-2	18892.62	18479.26	21728.06	19699.98	8.98	ppb
Potassium	39-2	48632.50	48042.75	52328.96	49668.07	4.68	ppb
Rhodium	103-1				99		%
Rhodium	103-2				96		%
Scandium	45-1				98		%
Scandium	45-2				95		%
Selenium	77-2	917.44	1017.19	1066.99	1000.54	7.61	ppb
Selenium	78-2	950.64	1005.90	1026.90	994.48	3.96	ppb
Selenium	82-1	996.62	981.86	983.44	987.31	0.82	ppb
Silicon	28-1	1002.15	969.10	987.17	986.14	1.68	ppb
Silver	109-1	988.82	972.29	971.25	977.45	1.01	ppb
Silver	107-1	996.04	976.68	962.77	978.50	1.71	ppb
Sodium	23-2	96887.35	95858.29	104153.51	98966.38	4.57	ppb
Strontium	86-1	1001.72	993.18	986.87	993.93	0.75	ppb
Strontium	88-1	995.54	983.50	983.01	987.35	0.72	ppb
Sulfur	34-1	21334.93	19641.02	20633.18	20536.38	4.14	ppb
Terbium	159-1				112		%
Terbium	159-2				104		%
Thallium	203-1	990.36	979.15	998.95	989.49	1.00	ppb
Thallium	205-1	988.84	982.01	996.12	988.99	0.71	ppb
Tin	118-1	994.73	975.10	981.15	983.66	1.02	ppb
Titanium	47-1	5007.38	4879.06	4920.73	4935.72	1.33	ppb
Uranium	238-1	994.33	994.31	991.00	993.21	0.19	ppb
Vanadium	51-2	973.52	960.62	1047.26	993.80	4.70	ppb
Yttrium	89-1				103		%
Yttrium	89-2				98		%
Zinc	66-2	1958.23	1916.40	2105.90	1993.51	4.99	ppb

LB Number :	LB99425	Operator :	Jaswal
Lab Sample ID :	S7	Instrumnet Name :	P8
Client Sample ID :	S7	Dilution Factor :	1
Date & Time Acquired ::	2018-11-27 15:32:10	DataFile Name :	010CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	90-1	1002.56	977.05	985.80	988.47	1.31	ppb
Zirconium	91-1	1012.35	983.16	998.23	997.92	1.46	ppb

LB Number :	LB99425	Operator :	Jaswal
Lab Sample ID :	S8	Instrumnet Name :	P8
Client Sample ID :	S8	Dilution Factor :	1
Date & Time Acquired ::	2018-11-27 16:22:49	DataFile Name :	017CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	100548.06	99789.74	100283.25	100207.02	0.38	ppb
Antimony	121-1	1.53	1.62	1.58	1.58	2.83	ppb
Arsenic	75-2	1.27	1.93	1.70	1.64	20.38	ppb
Barium	135-1	0.96	1.05	0.96	0.99	5.10	ppb
Barium	137-1	1.12	1.19	1.05	1.12	5.93	ppb
Beryllium	9-1	0.07	0.09	0.10	0.09	19.82	ppb
Bismuth	209-1				100		%
Bismuth	209-2				100		%
Boron	10-1	8.59	8.68	9.07	8.78	2.91	ppb
Boron	11-1	8.70	7.96	7.18	7.95	9.55	ppb
Cadmium	111-1	0.29	0.31	0.30	0.30	2.62	ppb
Cadmium	106-1	2.24	2.43	1.79	2.15	15.33	ppb
Cadmium	108-1	0.05	0.09	0.29	0.14	88.90	ppb
Calcium	43-1	502206.59	499521.53	498747.93	500158.68	0.36	ppb
Calcium	44-1	503622.57	499862.02	498099.90	500528.16	0.56	ppb
Chromium	52-2	45.50	44.84	44.94	45.09	0.79	ppb
Cobalt	59-2	12.36	12.02	12.26	12.21	1.43	ppb
Copper	63-2	5.15	5.04	4.72	4.97	4.50	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				105		%
Holmium	165-2				108		%
Indium	115-1				99		%
Indium	115-2				101		%
Iron	56-2	251853.19	248584.71	249065.92	249834.61	0.71	ppb
Iron	57-2	250554.08	247782.25	251109.06	249815.13	0.71	ppb
Krypton	83-1	-1245.26	97.15	1917.82	256.57	618.76	ppb
Lead	206-1	1.46	1.47	1.43	1.46	1.53	ppb
Lead	207-1	1.47	1.31	1.36	1.38	5.77	ppb
Lead	208-1	1.39	1.41	1.40	1.40	0.60	ppb
Lithium	6-1				94		%
Magnesium	24-2	500718.82	499323.70	499172.43	499738.32	0.17	ppb

LB Number :	LB99425	Operator :	Jaswal
Lab Sample ID :	S8	Instrumnet Name :	P8
Client Sample ID :	S8	Dilution Factor :	1
Date & Time Acquired ::	2018-11-27 16:22:49	DataFile Name :	017CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	13.50	14.79	15.54	14.61	7.05	ppb
Molybdenum	94-1	5.75	5.94	6.13	5.94	3.17	ppb
Molybdenum	95-1	7.29	7.30	7.73	7.44	3.43	ppb
Molybdenum	96-1	7.53	7.62	7.93	7.69	2.72	ppb
Molybdenum	97-1	7.27	7.76	7.54	7.52	3.24	ppb
Molybdenum	98-1	7.01	7.12	7.24	7.12	1.65	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	36.76	35.70	37.00	36.49	1.89	ppb
Phosphorus	31-2	4.84	-7.73	4.64	0.58	1238.33	ppb
Potassium	39-2	253435.91	247227.68	249732.70	250132.10	1.25	ppb
Rhodium	103-1				95		%
Rhodium	103-2				96		%
Scandium	45-1				101		%
Scandium	45-2				98		%
Selenium	77-2	6.88	-2.01	0.93	1.93	234.18	ppb
Selenium	78-2	-0.03	0.94	-0.04	0.29	194.69	ppb
Selenium	82-1	0.89	1.94	2.39	1.74	44.32	ppb
Silicon	28-1	58.55	64.53	66.26	63.11	6.41	ppb
Silver	109-1	0.09	0.08	0.07	0.08	9.06	ppb
Silver	107-1	0.07	0.09	0.09	0.09	12.19	ppb
Sodium	23-2	503355.25	494178.93	499775.97	499103.38	0.93	ppb
Strontium	86-1	4.91	4.67	4.64	4.74	3.16	ppb
Strontium	88-1	4.90	4.79	4.79	4.83	1.30	ppb
Sulfur	34-1	-1746.30	-1656.11	-1636.39	-1679.60		ppb
Terbium	159-1				106		%
Terbium	159-2				107		%
Thallium	203-1	0.33	0.31	0.30	0.31	5.03	ppb
Thallium	205-1	0.31	0.29	0.29	0.29	4.03	ppb
Tin	118-1	1.98	1.59	1.65	1.74	12.13	ppb
Titanium	47-1	1.02	1.32	1.31	1.22	13.71	ppb
Uranium	238-1	0.22	0.20	0.19	0.20	9.37	ppb
Vanadium	51-2	0.39	0.38	0.40	0.39	2.56	ppb
Yttrium	89-1				101		%
Yttrium	89-2				103		%
Zinc	66-2	23.35	23.51	23.72	23.53	0.79	ppb

LB Number :	LB99425	Operator :	Jaswal
Lab Sample ID :	S8	Instrumnet Name :	P8
Client Sample ID :	S8	Dilution Factor :	1
Date & Time Acquired ::	2018-11-27 16:22:49	DataFile Name :	017CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	90-1	0.50	0.50	0.48	0.50	1.90	ppb
Zirconium	91-1	0.44	0.41	0.40	0.42	5.72	ppb

LB Number : LB99425 Operator : Jaswal
 Lab Sample ID : ICV01 Instrumnet Name : P8
 Client Sample ID : ICV01 Dilution Factor : 1
 Date & Time Acquired :: 2018-11-27 16:27:47 DataFile Name : 018ICV01.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	501.61	493.60	501.25	498.82	0.91	ppb
Antimony	121-1	191.73	189.41	189.29	190.14	0.72	ppb
Arsenic	75-2	184.78	187.25	183.47	185.17	1.04	ppb
Barium	135-1	97.27	96.83	96.19	96.76	0.56	ppb
Barium	137-1	97.35	98.36	99.05	98.25	0.87	ppb
Beryllium	9-1	94.02	94.79	95.13	94.65	0.60	ppb
Bismuth	209-1				108		%
Bismuth	209-2				110		%
Boron	10-1	488.18	478.54	493.45	486.73	1.55	ppb
Boron	11-1	477.35	481.88	501.17	486.80	2.60	ppb
Cadmium	111-1	103.44	101.87	102.06	102.46	0.84	ppb
Cadmium	106-1	158.80	165.31	159.97	161.36	2.15	ppb
Cadmium	108-1	132.34	130.90	133.63	132.29	1.03	ppb
Calcium	43-1	2096.00	2103.35	2139.88	2113.08	1.11	ppb
Calcium	44-1	2004.06	2022.89	2025.56	2017.50	0.58	ppb
Chromium	52-2	92.27	92.64	91.57	92.16	0.58	ppb
Cobalt	59-2	93.64	94.42	92.64	93.56	0.95	ppb
Copper	63-2	94.26	95.43	93.88	94.53	0.86	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				106		%
Holmium	165-2				108		%
Indium	115-1				102		%
Indium	115-2				104		%
Iron	56-2	1046.19	1049.29	1029.43	1041.64	1.03	ppb
Iron	57-2	1041.18	1063.35	1053.90	1052.81	1.06	ppb
Krypton	83-1	-3707.57	-2307.30	-463.81	-2159.56		ppb
Lead	206-1	190.28	191.20	193.57	191.68	0.89	ppb
Lead	207-1	182.91	184.38	187.78	185.02	1.35	ppb
Lead	208-1	186.99	188.54	190.13	188.55	0.84	ppb
Lithium	6-1				98		%
Magnesium	24-2	1244.54	1229.79	1247.93	1240.75	0.78	ppb

LB Number :	LB99425	Operator :	Jaswal
Lab Sample ID :	ICV01	Instrumnet Name :	P8
Client Sample ID :	ICV01	Dilution Factor :	1
Date & Time Acquired ::	2018-11-27 16:27:47	DataFile Name :	018ICV01.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	94.54	94.46	93.41	94.14	0.67	ppb
Molybdenum	94-1	1124.90	1125.45	1138.01	1129.45	0.66	ppb
Molybdenum	95-1	465.64	465.70	464.29	465.21	0.17	ppb
Molybdenum	96-1	548.27	548.13	555.04	550.48	0.72	ppb
Molybdenum	97-1	463.29	462.37	460.22	461.96	0.34	ppb
Molybdenum	98-1	475.45	468.83	464.87	469.72	1.14	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	94.66	94.93	94.47	94.69	0.24	ppb
Phosphorus	31-2	-19.76	-7.90	-19.76	-15.81		ppb
Potassium	39-2	2023.40	2065.17	2001.57	2030.05	1.59	ppb
Rhodium	103-1				103		%
Rhodium	103-2				104		%
Scandium	45-1				103		%
Scandium	45-2				101		%
Selenium	77-2	189.54	184.95	174.46	182.98	4.22	ppb
Selenium	78-2	194.99	201.58	204.93	200.50	2.52	ppb
Selenium	82-1	191.16	191.07	193.24	191.82	0.64	ppb
Silicon	28-1	476.23	453.02	450.86	460.04	3.06	ppb
Silver	109-1	98.59	98.10	97.98	98.22	0.33	ppb
Silver	107-1	99.48	98.85	98.30	98.88	0.60	ppb
Sodium	23-2	2141.16	2122.92	2077.52	2113.87	1.55	ppb
Strontium	86-1	506.14	501.77	506.07	504.66	0.50	ppb
Strontium	88-1	512.29	509.39	511.84	511.17	0.30	ppb
Sulfur	34-1	-2207.24	-2151.46	-2374.06	-2244.25		ppb
Terbium	159-1				108		%
Terbium	159-2				108		%
Thallium	203-1	189.90	191.11	194.19	191.73	1.15	ppb
Thallium	205-1	196.19	198.74	199.02	197.98	0.79	ppb
Tin	118-1	488.36	481.48	483.21	484.35	0.74	ppb
Titanium	47-1	463.36	472.53	468.90	468.26	0.99	ppb
Uranium	238-1	524.20	530.36	532.33	528.96	0.80	ppb
Vanadium	51-2	91.85	92.21	90.67	91.58	0.89	ppb
Yttrium	89-1				104		%
Yttrium	89-2				104		%
Zinc	66-2	216.59	214.22	210.20	213.67	1.51	ppb

LB Number :	LB99425	Operator :	Jaswal
Lab Sample ID :	ICV01	Instrumnet Name :	P8
Client Sample ID :	ICV01	Dilution Factor :	1
Date & Time Acquired ::	2018-11-27 16:27:47	DataFile Name :	018ICV01.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	90-1	521.35	524.65	522.38	522.79	0.32	ppb
Zirconium	91-1	505.56	509.54	512.54	509.21	0.69	ppb

LB Number :	LB99425	Operator :	Jaswal
Lab Sample ID :	LLICV01	Instrumnet Name :	P8
Client Sample ID :	LLICV01	Dilution Factor :	1
Date & Time Acquired ::	2018-11-27 16:55:33	DataFile Name :	020LLIC.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	14.18	26.83	21.30	20.77	30.52	ppb
Antimony	121-1	2.16	2.05	1.98	2.06	4.35	ppb
Arsenic	75-2	0.87	1.17	0.94	0.99	15.70	ppb
Barium	135-1	10.22	9.88	9.97	10.03	1.74	ppb
Barium	137-1	10.04	10.48	9.77	10.10	3.56	ppb
Beryllium	9-1	1.14	0.94	0.98	1.02	10.42	ppb
Bismuth	209-1				107		%
Bismuth	209-2				106		%
Boron	10-1	25.80	24.84	23.44	24.70	4.82	ppb
Boron	11-1	25.38	25.84	24.37	25.20	2.97	ppb
Cadmium	111-1	1.14	1.37	0.94	1.15	18.63	ppb
Cadmium	106-1	2.83	2.97	1.21	2.34	41.78	ppb
Cadmium	108-1	0.86	0.51	0.67	0.68	25.64	ppb
Calcium	43-1	493.56	461.86	421.43	458.95	7.88	ppb
Calcium	44-1	484.29	473.96	454.67	470.97	3.19	ppb
Chromium	52-2	1.97	2.53	2.03	2.18	14.07	ppb
Cobalt	59-2	1.04	1.17	1.02	1.07	7.51	ppb
Copper	63-2	1.82	2.39	1.97	2.06	14.32	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				105		%
Holmium	165-2				105		%
Indium	115-1				105		%
Indium	115-2				104		%
Iron	56-2	47.82	62.10	50.59	53.50	14.15	ppb
Iron	57-2	56.51	55.58	41.77	51.29	16.09	ppb
Krypton	83-1	900.04	1757.79	2983.38	1880.40	55.68	ppb
Lead	206-1	1.02	0.96	0.93	0.97	5.12	ppb
Lead	207-1	0.98	1.01	0.94	0.98	3.59	ppb
Lead	208-1	1.03	0.95	0.95	0.98	4.87	ppb
Lithium	6-1				101		%
Magnesium	24-2	466.55	599.24	500.77	522.19	13.19	ppb

LB Number :	LB99425	Operator :	Jaswal
Lab Sample ID :	LLICV01	Instrumnet Name :	P8
Client Sample ID :	LLICV01	Dilution Factor :	1
Date & Time Acquired ::	2018-11-27 16:55:33	DataFile Name :	020LLIC.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	1.00	1.23	1.19	1.14	10.85	ppb
Molybdenum	94-1	4.88	5.01	4.77	4.89	2.46	ppb
Molybdenum	95-1	5.05	4.83	4.58	4.82	4.80	ppb
Molybdenum	96-1	4.80	4.82	4.45	4.69	4.46	ppb
Molybdenum	97-1	4.94	4.54	4.86	4.78	4.49	ppb
Molybdenum	98-1	4.86	4.74	4.64	4.75	2.30	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	1.03	1.27	1.01	1.10	13.38	ppb
Phosphorus	31-2	-8.84	-19.76	-8.43	-12.34		ppb
Potassium	39-2	422.88	594.91	468.77	495.52	17.98	ppb
Rhodium	103-1				106		%
Rhodium	103-2				103		%
Scandium	45-1				108		%
Scandium	45-2				100		%
Selenium	77-2	6.11	11.22	3.69	7.00	54.89	ppb
Selenium	78-2	3.00	6.77	3.24	4.34	48.66	ppb
Selenium	82-1	5.97	4.63	4.95	5.18	13.53	ppb
Silicon	28-1	11.71	11.11	6.57	9.80	28.67	ppb
Silver	109-1	1.04	1.07	1.01	1.04	3.02	ppb
Silver	107-1	1.10	1.03	1.01	1.05	4.66	ppb
Sodium	23-2	504.58	661.68	531.67	565.98	14.84	ppb
Strontium	86-1	0.89	0.72	0.83	0.82	10.77	ppb
Strontium	88-1	1.01	1.01	0.97	1.00	2.74	ppb
Sulfur	34-1	-937.65	-1388.73	-2464.54	-1596.97		ppb
Terbium	159-1				107		%
Terbium	159-2				104		%
Thallium	203-1	0.99	0.92	0.87	0.93	6.27	ppb
Thallium	205-1	0.97	0.98	0.97	0.97	0.48	ppb
Tin	118-1	5.17	5.13	4.82	5.04	3.86	ppb
Titanium	47-1	4.67	5.05	4.66	4.79	4.64	ppb
Uranium	238-1	0.92	0.90	0.95	0.92	2.89	ppb
Vanadium	51-2	4.50	5.88	4.92	5.10	13.83	ppb
Yttrium	89-1				107		%
Yttrium	89-2				103		%
Zinc	66-2	2.20	2.79	1.76	2.25	23.00	ppb

LB Number :	LB99425	Operator :	Jaswal
Lab Sample ID :	LLICV01	Instrumnet Name :	P8
Client Sample ID :	LLICV01	Dilution Factor :	1
Date & Time Acquired ::	2018-11-27 16:55:33	DataFile Name :	020LLIC.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	90-1	1.03	1.01	0.97	1.01	2.99	ppb
Zirconium	91-1	0.93	1.11	0.90	0.98	11.25	ppb

LB Number : LB99425 Operator : Jaswal
 Lab Sample ID : ICB01 Instrumnet Name : P8
 Client Sample ID : ICB01 Dilution Factor : 1
 Date & Time Acquired :: 2018-11-27 17:02:06 DataFile Name : 021CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	-1.76	0.48	-0.55	-0.61		ppb
Antimony	121-1	0.01	0.03	0.02	0.02	58.24	ppb
Arsenic	75-2	0.02	0.00	0.01	0.01	70.13	ppb
Barium	135-1	-0.01	-0.02	-0.01	-0.01		ppb
Barium	137-1	0.00	-0.01	0.00	0.00		ppb
Beryllium	9-1	0.01	0.02	0.00	0.01	121.46	ppb
Bismuth	209-1				102		%
Bismuth	209-2				108		%
Boron	10-1	1.61	1.19	1.47	1.42	14.97	ppb
Boron	11-1	1.45	1.27	1.64	1.45	12.69	ppb
Cadmium	111-1	-0.06	0.06	0.02	0.00	2074.64	ppb
Cadmium	106-1	-0.93	0.80	0.19	0.02	4634.40	ppb
Cadmium	108-1	-0.07	0.01	-0.03	-0.03		ppb
Calcium	43-1	4.54	-2.51	4.45	2.16	187.28	ppb
Calcium	44-1	6.49	4.38	7.94	6.27	28.57	ppb
Chromium	52-2	0.11	0.10	-0.08	0.04	242.86	ppb
Cobalt	59-2	-0.01	0.00	-0.01	-0.01		ppb
Copper	63-2	0.03	-0.03	-0.04	-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				101		%
Holmium	165-2				108		%
Indium	115-1				101		%
Indium	115-2				108		%
Iron	56-2	0.03	-0.16	-0.29	-0.14		ppb
Iron	57-2	-1.87	-1.01	-0.44	-1.11		ppb
Krypton	83-1	-2650.51	320.19	1411.98	-306.11		ppb
Lead	206-1	0.02	0.02	0.01	0.02	9.52	ppb
Lead	207-1	0.01	0.02	0.01	0.01	54.07	ppb
Lead	208-1	0.01	0.01	0.02	0.01	8.36	ppb
Lithium	6-1				97		%
Magnesium	24-2	1.93	0.14	0.10	0.72	144.20	ppb

LB Number :	LB99425	Operator :	Jaswal
Lab Sample ID :	ICB01	Instrumnet Name :	P8
Client Sample ID :	ICB01	Dilution Factor :	1
Date & Time Acquired ::	2018-11-27 17:02:06	DataFile Name :	021CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	-0.02	0.00	-0.02	-0.01		ppb
Molybdenum	94-1	-0.01	0.01	0.03	0.01	214.59	ppb
Molybdenum	95-1	0.01	0.02	0.00	0.01	135.17	ppb
Molybdenum	96-1	0.01	0.02	0.00	0.01	108.24	ppb
Molybdenum	97-1	0.01	0.04	0.01	0.02	74.98	ppb
Molybdenum	98-1	0.01	0.01	0.01	0.01	15.04	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.05	0.01	0.00	0.02	137.08	ppb
Phosphorus	31-2	38.98	3.29	-8.35	11.31	218.04	ppb
Potassium	39-2	-4.09	-12.34	-17.10	-11.18		ppb
Rhodium	103-1				102		%
Rhodium	103-2				106		%
Scandium	45-1				102		%
Scandium	45-2				103		%
Selenium	77-2	0.86	-2.01	0.75	-0.13		ppb
Selenium	78-2	-0.08	-1.04	-1.06	-0.73		ppb
Selenium	82-1	-0.87	-0.05	0.75	-0.06		ppb
Silicon	28-1	-0.21	-0.79	0.75	-0.09		ppb
Silver	109-1	0.00	0.00	0.00	0.00	189.66	ppb
Silver	107-1	0.00	0.01	-0.01	0.00		ppb
Sodium	23-2	23.55	23.01	20.90	22.48	6.22	ppb
Strontium	86-1	-0.10	-0.02	-0.08	-0.07		ppb
Strontium	88-1	0.00	0.00	0.00	0.00	281.75	ppb
Sulfur	34-1	-358.11	-519.30	-69.36	-315.59		ppb
Terbium	159-1				102		%
Terbium	159-2				108		%
Thallium	203-1	0.01	0.01	0.00	0.01	19.44	ppb
Thallium	205-1	0.00	0.00	0.01	0.00	272.94	ppb
Tin	118-1	0.03	0.01	0.03	0.02	53.73	ppb
Titanium	47-1	-0.05	-0.06	0.02	-0.03		ppb
Uranium	238-1	0.00	0.00	0.00	0.00	461.84	ppb
Vanadium	51-2	0.00	-0.02	-0.02	-0.01		ppb
Yttrium	89-1				102		%
Yttrium	89-2				107		%
Zinc	66-2	0.09	0.06	-0.02	0.04	135.19	ppb

LB Number :	LB99425	Operator :	Jaswal
Lab Sample ID :	ICB01	Instrumnet Name :	P8
Client Sample ID :	ICB01	Dilution Factor :	1
Date & Time Acquired ::	2018-11-27 17:02:06	DataFile Name :	021CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	90-1	0.01	0.00	0.00	0.00	185.49	ppb
Zirconium	91-1	-0.01	0.00	0.03	0.00	475.61	ppb

LB Number : LB99425 Operator : Jaswal
 Lab Sample ID : ICSA01 Instrumnet Name : P8
 Client Sample ID : ICSA01 Dilution Factor : 1
 Date & Time Acquired :: 2018-11-27 17:09:03 DataFile Name : 022ICSA01.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	88701.42	87541.34	84787.73	87010.16	2.31	ppb
Antimony	121-1	1.16	1.19	1.34	1.23	7.71	ppb
Arsenic	75-2	0.23	0.39	0.31	0.31	26.76	ppb
Barium	135-1	1.50	1.48	1.30	1.43	7.60	ppb
Barium	137-1	1.50	1.39	1.38	1.42	4.79	ppb
Beryllium	9-1	0.32	0.27	0.31	0.30	9.68	ppb
Bismuth	209-1				104		%
Bismuth	209-2				101		%
Boron	10-1	2.58	2.18	2.65	2.47	10.28	ppb
Boron	11-1	2.21	2.11	2.07	2.13	3.51	ppb
Cadmium	111-1	0.39	0.27	0.36	0.34	18.22	ppb
Cadmium	106-1	-0.10	-1.44	-0.02	-0.52		ppb
Cadmium	108-1	8.98	8.77	8.57	8.77	2.32	ppb
Calcium	43-1	95333.52	94519.59	96984.62	95612.58	1.31	ppb
Calcium	44-1	93619.93	93752.62	93892.70	93755.08	0.15	ppb
Chromium	52-2	19.05	19.36	18.90	19.10	1.23	ppb
Cobalt	59-2	1.03	1.13	1.08	1.08	4.73	ppb
Copper	63-2	7.45	7.44	7.22	7.37	1.76	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				106		%
Holmium	165-2				104		%
Indium	115-1				101		%
Indium	115-2				99		%
Iron	56-2	99894.76	98917.82	95969.15	98260.57	2.08	ppb
Iron	57-2	101767.85	99556.17	96006.68	99110.23	2.93	ppb
Krypton	83-1	849.46	-659.23	2285.55	825.26	178.43	ppb
Lead	206-1	4.89	4.65	4.89	4.81	2.85	ppb
Lead	207-1	4.31	4.09	4.21	4.20	2.72	ppb
Lead	208-1	4.49	4.29	4.48	4.42	2.52	ppb
Lithium	6-1				97		%
Magnesium	24-2	98902.36	97576.55	94690.78	97056.57	2.22	ppb

LB Number :	LB99425	Operator :	Jaswal
Lab Sample ID :	ICSA01	Instrumnet Name :	P8
Client Sample ID :	ICSA01	Dilution Factor :	1
Date & Time Acquired ::	2018-11-27 17:09:03	DataFile Name :	022ICSA01.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	7.19	7.55	7.53	7.42	2.73	ppb
Molybdenum	94-1	1332.52	1352.64	1343.25	1342.80	0.75	ppb
Molybdenum	95-1	1858.80	1925.69	1897.09	1893.86	1.77	ppb
Molybdenum	96-1	1802.67	1837.14	1835.70	1825.17	1.07	ppb
Molybdenum	97-1	1892.17	1909.23	1925.10	1908.83	0.86	ppb
Molybdenum	98-1	1877.61	1900.47	1893.97	1890.68	0.62	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	5.53	5.25	4.89	5.22	6.16	ppb
Phosphorus	31-2	96129.49	98792.18	92573.61	95831.76	3.26	ppb
Potassium	39-2	100357.41	101140.66	96614.11	99370.73	2.43	ppb
Rhodium	103-1				98		%
Rhodium	103-2				98		%
Scandium	45-1				100		%
Scandium	45-2				97		%
Selenium	77-2	1.00	-2.01	-2.01	-1.01		ppb
Selenium	78-2	-0.51	-1.52	-0.02	-0.69		ppb
Selenium	82-1	0.65	-0.63	1.47	0.49	214.29	ppb
Silicon	28-1	22.03	23.78	22.08	22.63	4.40	ppb
Silver	109-1	0.17	0.17	0.19	0.18	5.46	ppb
Silver	107-1	0.19	0.17	0.22	0.19	13.69	ppb
Sodium	23-2	102104.68	100649.34	97563.79	100105.94	2.32	ppb
Strontium	86-1	31.78	31.91	32.27	31.99	0.79	ppb
Strontium	88-1	32.96	33.31	32.77	33.02	0.83	ppb
Sulfur	34-1	90778.21	90328.61	90732.50	90613.11	0.27	ppb
Terbium	159-1				106		%
Terbium	159-2				105		%
Thallium	203-1	0.10	0.13	0.14	0.12	14.91	ppb
Thallium	205-1	0.14	0.12	0.13	0.13	4.34	ppb
Tin	118-1	0.15	0.14	0.21	0.17	22.15	ppb
Titanium	47-1	1978.12	2002.25	1977.86	1986.08	0.71	ppb
Uranium	238-1	0.02	0.01	0.01	0.02	13.81	ppb
Vanadium	51-2	0.12	0.15	0.15	0.14	12.26	ppb
Yttrium	89-1				102		%
Yttrium	89-2				101		%
Zinc	66-2	10.47	10.63	10.74	10.61	1.29	ppb

LB Number :	LB99425	Operator :	Jaswal
Lab Sample ID :	ICSA01	Instrumnet Name :	P8
Client Sample ID :	ICSA01	Dilution Factor :	1
Date & Time Acquired ::	2018-11-27 17:09:03	DataFile Name :	022ICSA01.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	90-1	0.03	0.02	0.02	0.02	23.81	ppb
Zirconium	91-1	0.02	0.02	0.04	0.03	42.38	ppb

LB Number :	LB99425	Operator :	Jaswal
Lab Sample ID :	ICSAB01	Instrumnet Name :	P8
Client Sample ID :	ICSAB01	Dilution Factor :	1
Date & Time Acquired ::	2018-11-27 17:12:21	DataFile Name :	023ICSB.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	88509.60	87741.56	82455.16	86235.44	3.82	ppb
Antimony	121-1	21.25	20.96	20.84	21.02	0.99	ppb
Arsenic	75-2	19.69	19.98	18.29	19.32	4.67	ppb
Barium	135-1	21.95	21.51	21.85	21.77	1.06	ppb
Barium	137-1	22.47	21.85	21.68	22.00	1.88	ppb
Beryllium	9-1	19.72	20.63	20.14	20.16	2.27	ppb
Bismuth	209-1				104		%
Bismuth	209-2				103		%
Boron	10-1	55.54	55.04	54.52	55.03	0.92	ppb
Boron	11-1	54.80	54.19	54.83	54.61	0.66	ppb
Cadmium	111-1	19.76	19.61	20.01	19.80	1.03	ppb
Cadmium	106-1	15.46	15.71	18.35	16.50	9.71	ppb
Cadmium	108-1	26.98	25.58	27.55	26.70	3.80	ppb
Calcium	43-1	97204.18	96246.41	94997.11	96149.23	1.15	ppb
Calcium	44-1	95451.79	95273.08	94111.76	94945.54	0.77	ppb
Chromium	52-2	39.37	38.77	36.81	38.32	3.50	ppb
Cobalt	59-2	21.08	21.02	19.80	20.63	3.50	ppb
Copper	63-2	27.91	27.70	26.10	27.24	3.64	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				107		%
Holmium	165-2				107		%
Indium	115-1				100		%
Indium	115-2				100		%
Iron	56-2	100183.31	99446.81	93387.78	97672.63	3.82	ppb
Iron	57-2	101942.03	101240.58	94616.70	99266.44	4.07	ppb
Krypton	83-1	524.96	196.63	388.86	370.15	44.57	ppb
Lead	206-1	25.01	25.26	25.19	25.15	0.51	ppb
Lead	207-1	22.78	22.95	23.17	22.97	0.84	ppb
Lead	208-1	23.78	23.72	23.89	23.79	0.37	ppb
Lithium	6-1				96		%
Magnesium	24-2	98804.20	98633.94	91630.95	96356.36	4.25	ppb

LB Number :	LB99425	Operator :	Jaswal
Lab Sample ID :	ICSAB01	Instrumnet Name :	P8
Client Sample ID :	ICSAB01	Dilution Factor :	1
Date & Time Acquired ::	2018-11-27 17:12:21	DataFile Name :	023ICSB.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	28.21	26.94	26.37	27.18	3.47	ppb
Molybdenum	94-1	1407.38	1393.93	1385.95	1395.75	0.78	ppb
Molybdenum	95-1	1978.19	1988.81	1983.57	1983.52	0.27	ppb
Molybdenum	96-1	1890.44	1893.94	1909.25	1897.88	0.53	ppb
Molybdenum	97-1	1988.13	1988.31	1991.03	1989.16	0.08	ppb
Molybdenum	98-1	1954.09	1974.39	1976.31	1968.26	0.63	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	24.94	24.80	23.78	24.50	2.60	ppb
Phosphorus	31-2	96945.83	98310.75	92713.88	95990.15	3.04	ppb
Potassium	39-2	100915.82	100854.80	94171.23	98647.29	3.93	ppb
Rhodium	103-1				98		%
Rhodium	103-2				99		%
Scandium	45-1				100		%
Scandium	45-2				98		%
Selenium	77-2	19.26	28.21	18.05	21.84	25.42	ppb
Selenium	78-2	18.29	21.72	12.85	17.62	25.38	ppb
Selenium	82-1	20.52	19.18	19.92	19.88	3.37	ppb
Silicon	28-1	75.70	76.15	73.84	75.23	1.63	ppb
Silver	109-1	19.15	19.33	19.23	19.24	0.45	ppb
Silver	107-1	19.24	19.33	19.33	19.30	0.25	ppb
Sodium	23-2	102408.66	101342.95	95392.46	99714.69	3.79	ppb
Strontium	86-1	32.44	32.99	32.88	32.77	0.88	ppb
Strontium	88-1	33.58	33.81	33.53	33.64	0.44	ppb
Sulfur	34-1	91683.10	91799.99	89916.80	91133.30	1.16	ppb
Terbium	159-1				107		%
Terbium	159-2				106		%
Thallium	203-1	19.76	20.44	19.71	19.97	2.05	ppb
Thallium	205-1	20.11	20.34	20.34	20.26	0.68	ppb
Tin	118-1	52.65	52.03	51.11	51.93	1.49	ppb
Titanium	47-1	2057.84	2039.35	1995.53	2030.91	1.58	ppb
Uranium	238-1	0.02	0.02	0.02	0.02	12.11	ppb
Vanadium	51-2	19.35	18.97	18.55	18.96	2.13	ppb
Yttrium	89-1				102		%
Yttrium	89-2				102		%
Zinc	66-2	30.15	29.91	28.32	29.46	3.37	ppb

LB Number :	LB99425	Operator :	Jaswal
Lab Sample ID :	ICSAB01	Instrumnet Name :	P8
Client Sample ID :	ICSAB01	Dilution Factor :	1
Date & Time Acquired ::	2018-11-27 17:12:21	DataFile Name :	023ICSB.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	90-1	0.01	0.02	0.00	0.01	64.80	ppb
Zirconium	91-1	0.01	0.02	0.01	0.01	44.01	ppb

LB Number :	LB99425	Operator :	Jaswal
Lab Sample ID :	CCV68	Instrumnet Name :	P8
Client Sample ID :	CCV68	Dilution Factor :	1
Date & Time Acquired ::	2018-11-27 17:17:51	DataFile Name :	024CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	49317.19	49910.86	49917.34	49715.13	0.69	ppb
Antimony	121-1	508.23	512.62	506.13	508.99	0.65	ppb
Arsenic	75-2	483.93	495.88	490.64	490.15	1.22	ppb
Barium	135-1	2591.14	2592.28	2545.52	2576.31	1.04	ppb
Barium	137-1	2530.78	2570.19	2521.15	2540.71	1.02	ppb
Beryllium	9-1	511.64	516.46	516.15	514.75	0.52	ppb
Bismuth	209-1				103		%
Bismuth	209-2				102		%
Boron	10-1	504.13	510.86	521.09	512.03	1.67	ppb
Boron	11-1	504.03	517.12	511.82	510.99	1.29	ppb
Cadmium	111-1	492.98	503.63	495.65	497.42	1.11	ppb
Cadmium	106-1	493.07	502.75	499.69	498.50	0.99	ppb
Cadmium	108-1	502.45	496.45	489.00	495.97	1.36	ppb
Calcium	43-1	243295.70	247025.11	244137.52	244819.44	0.80	ppb
Calcium	44-1	242464.86	245209.49	243742.29	243805.55	0.56	ppb
Chromium	52-2	495.56	505.12	504.87	501.85	1.09	ppb
Cobalt	59-2	476.47	481.79	484.04	480.77	0.81	ppb
Copper	63-2	940.63	951.00	959.98	950.54	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				107		%
Holmium	165-2				107		%
Indium	115-1				100		%
Indium	115-2				99		%
Iron	56-2	121437.26	123614.09	123260.04	122770.46	0.95	ppb
Iron	57-2	123311.92	124934.38	125793.10	124679.80	1.01	ppb
Krypton	83-1	2739.43	-638.62	1448.97	1183.26	144.06	ppb
Lead	206-1	506.88	509.34	506.76	507.66	0.29	ppb
Lead	207-1	502.13	512.73	503.22	506.03	1.15	ppb
Lead	208-1	504.27	509.41	506.35	506.68	0.51	ppb
Lithium	6-1				94		%
Magnesium	24-2	242171.46	245425.03	247228.97	244941.82	1.05	ppb

LB Number :	LB99425	Operator :	Jaswal
Lab Sample ID :	CCV68	Instrumnet Name :	P8
Client Sample ID :	CCV68	Dilution Factor :	1
Date & Time Acquired ::	2018-11-27 17:17:51	DataFile Name :	024CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	975.69	986.29	990.22	984.07	0.76	ppb
Molybdenum	94-1	2486.40	2501.75	2529.89	2506.01	0.88	ppb
Molybdenum	95-1	2467.08	2487.74	2492.52	2482.45	0.54	ppb
Molybdenum	96-1	2440.96	2485.85	2475.75	2467.52	0.95	ppb
Molybdenum	97-1	2452.42	2523.74	2511.68	2495.95	1.53	ppb
Molybdenum	98-1	2464.88	2471.00	2530.50	2488.79	1.46	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	481.27	492.33	488.63	487.41	1.15	ppb
Phosphorus	31-2	9583.80	10003.00	9699.43	9762.08	2.22	ppb
Potassium	39-2	122401.84	123732.55	125192.58	123775.66	1.13	ppb
Rhodium	103-1				98		%
Rhodium	103-2				98		%
Scandium	45-1				102		%
Scandium	45-2				100		%
Selenium	77-2	538.36	458.90	470.82	489.36	8.76	ppb
Selenium	78-2	485.07	500.17	511.89	499.04	2.69	ppb
Selenium	82-1	490.64	493.25	495.98	493.29	0.54	ppb
Silicon	28-1	594.78	626.10	630.35	617.08	3.15	ppb
Silver	109-1	505.26	503.64	503.16	504.02	0.22	ppb
Silver	107-1	505.59	503.76	496.12	501.82	1.00	ppb
Sodium	23-2	243905.64	246262.16	246975.30	245714.37	0.65	ppb
Strontium	86-1	486.76	495.07	493.92	491.91	0.91	ppb
Strontium	88-1	499.91	504.42	504.95	503.09	0.55	ppb
Sulfur	34-1	8725.37	8656.08	8602.60	8661.35	0.71	ppb
Terbium	159-1				108		%
Terbium	159-2				107		%
Thallium	203-1	510.72	523.64	515.86	516.74	1.26	ppb
Thallium	205-1	508.14	516.82	513.92	512.96	0.86	ppb
Tin	118-1	510.39	528.94	515.26	518.20	1.86	ppb
Titanium	47-1	2509.99	2510.26	2505.39	2508.54	0.11	ppb
Uranium	238-1	499.12	509.92	510.46	506.50	1.26	ppb
Vanadium	51-2	486.09	493.30	493.32	490.90	0.85	ppb
Yttrium	89-1				103		%
Yttrium	89-2				102		%
Zinc	66-2	915.45	930.96	920.36	922.26	0.86	ppb

LB Number :	LB99425	Operator :	Jaswal
Lab Sample ID :	CCV68	Instrumnet Name :	P8
Client Sample ID :	CCV68	Dilution Factor :	1
Date & Time Acquired ::	2018-11-27 17:17:51	DataFile Name :	024CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	90-1	504.30	504.54	510.43	506.42	0.69	ppb
Zirconium	91-1	487.47	489.68	491.24	489.46	0.39	ppb

LB Number :	LB99425	Operator :	Jaswal
Lab Sample ID :	CCB68	Instrumnet Name :	P8
Client Sample ID :	CCB68	Dilution Factor :	1
Date & Time Acquired ::	2018-11-27 17:27:14	DataFile Name :	025CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	-0.63	-0.13	-1.11	-0.62		ppb
Antimony	121-1	0.11	0.16	0.14	0.14	15.75	ppb
Arsenic	75-2	0.05	0.00	0.02	0.03	89.68	ppb
Barium	135-1	-0.01	-0.01	-0.01	-0.01		ppb
Barium	137-1	-0.01	0.00	0.01	0.00	473.10	ppb
Beryllium	9-1	0.01	0.03	-0.03	0.00		ppb
Bismuth	209-1				106		%
Bismuth	209-2				103		%
Boron	10-1	3.56	3.27	2.81	3.21	11.86	ppb
Boron	11-1	3.87	3.28	3.73	3.63	8.43	ppb
Cadmium	111-1	0.09	-0.05	0.06	0.03	217.63	ppb
Cadmium	106-1	1.29	-0.75	0.67	0.40	259.69	ppb
Cadmium	108-1	0.14	-0.08	-0.08	0.00		ppb
Calcium	43-1	0.44	-4.16	5.98	0.75	673.15	ppb
Calcium	44-1	6.85	7.35	7.90	7.37	7.12	ppb
Chromium	52-2	0.03	-0.02	0.06	0.03	162.60	ppb
Cobalt	59-2	0.00	0.00	0.00	0.00	306.98	ppb
Copper	63-2	0.10	0.10	0.09	0.10	2.57	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				104		%
Holmium	165-2				102		%
Indium	115-1				101		%
Indium	115-2				100		%
Iron	56-2	0.07	0.25	0.10	0.14	68.58	ppb
Iron	57-2	-1.15	0.08	0.90	-0.06		ppb
Krypton	83-1	454.05	-3030.69	505.97	-690.23		ppb
Lead	206-1	0.04	0.04	0.04	0.04	5.77	ppb
Lead	207-1	0.03	0.05	0.03	0.03	29.24	ppb
Lead	208-1	0.03	0.04	0.04	0.04	10.81	ppb
Lithium	6-1				95		%
Magnesium	24-2	3.08	2.57	4.25	3.30	26.08	ppb

LB Number :	LB99425	Operator :	Jaswal
Lab Sample ID :	CCB68	Instrumnet Name :	P8
Client Sample ID :	CCB68	Dilution Factor :	1
Date & Time Acquired ::	2018-11-27 17:27:14	DataFile Name :	025CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	-0.02	0.01	-0.02	-0.01		ppb
Molybdenum	94-1	0.08	0.11	0.08	0.09	21.67	ppb
Molybdenum	95-1	0.09	0.08	0.12	0.10	18.71	ppb
Molybdenum	96-1	0.09	0.11	0.10	0.10	11.33	ppb
Molybdenum	97-1	0.10	0.14	0.09	0.11	24.55	ppb
Molybdenum	98-1	0.11	0.08	0.10	0.10	15.96	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.00	-0.01	0.00	-0.01		ppb
Phosphorus	31-2	-7.50	4.51	-19.76	-7.58		ppb
Potassium	39-2	21.56	10.38	24.23	18.72	39.27	ppb
Rhodium	103-1				101		%
Rhodium	103-2				102		%
Scandium	45-1				98		%
Scandium	45-2				96		%
Selenium	77-2	-2.01	-2.01	-2.01	-2.01		ppb
Selenium	78-2	-0.52	0.49	-1.00	-0.34		ppb
Selenium	82-1	0.48	-1.12	0.24	-0.13		ppb
Silicon	28-1	-4.98	-4.03	-4.16	-4.39		ppb
Silver	109-1	0.02	0.02	0.01	0.02	20.97	ppb
Silver	107-1	0.02	0.02	0.01	0.02	19.58	ppb
Sodium	23-2	51.19	50.84	51.21	51.08	0.41	ppb
Strontium	86-1	-0.11	-0.16	-0.02	-0.10		ppb
Strontium	88-1	0.00	0.00	0.00	0.00		ppb
Sulfur	34-1	-1785.38	-1622.61	-1854.76	-1754.25		ppb
Terbium	159-1				104		%
Terbium	159-2				103		%
Thallium	203-1	0.05	0.04	0.03	0.04	20.66	ppb
Thallium	205-1	0.03	0.03	0.03	0.03	2.37	ppb
Tin	118-1	0.01	0.00	0.01	0.01	58.86	ppb
Titanium	47-1	0.04	-0.12	-0.06	-0.04		ppb
Uranium	238-1	0.00	0.00	0.00	0.00	530.97	ppb
Vanadium	51-2	-0.02	-0.01	-0.01	-0.01		ppb
Yttrium	89-1				101		%
Yttrium	89-2				100		%
Zinc	66-2	0.04	0.13	0.01	0.06	106.95	ppb

LB Number :	LB99425	Operator :	Jaswal
Lab Sample ID :	CCB68	Instrumnet Name :	P8
Client Sample ID :	CCB68	Dilution Factor :	1
Date & Time Acquired ::	2018-11-27 17:27:14	DataFile Name :	025CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	90-1	0.01	0.01	0.00	0.01	73.09	ppb
Zirconium	91-1	0.00	-0.01	0.00	0.00		ppb

LB Number :	LB99425	Operator :	Jaswal
Lab Sample ID :	CRI	Instrumnet Name :	P8
Client Sample ID :	CRI	Dilution Factor :	1
Date & Time Acquired ::	2018-11-27 17:30:37	DataFile Name :	026LLCC.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	21.27	20.46	18.65	20.13	6.65	ppb
Antimony	121-1	1.93	2.01	2.01	1.98	2.40	ppb
Arsenic	75-2	1.07	0.93	1.00	1.00	6.58	ppb
Barium	135-1	9.84	10.05	9.66	9.85	1.98	ppb
Barium	137-1	10.13	9.84	10.22	10.07	1.98	ppb
Beryllium	9-1	0.94	1.05	1.04	1.01	5.83	ppb
Bismuth	209-1				110		%
Bismuth	209-2				106		%
Boron	10-1	26.22	25.11	25.83	25.72	2.18	ppb
Boron	11-1	24.81	24.93	25.94	25.23	2.46	ppb
Cadmium	111-1	1.14	1.02	0.97	1.04	8.28	ppb
Cadmium	106-1	1.84	1.15	1.91	1.64	25.61	ppb
Cadmium	108-1	0.79	0.94	1.14	0.96	18.33	ppb
Calcium	43-1	479.60	446.17	480.59	468.79	4.18	ppb
Calcium	44-1	470.98	478.48	476.40	475.29	0.81	ppb
Chromium	52-2	2.05	2.16	2.20	2.13	3.60	ppb
Cobalt	59-2	0.93	0.94	1.07	0.98	7.82	ppb
Copper	63-2	2.06	1.95	2.22	2.08	6.37	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				107		%
Holmium	165-2				106		%
Indium	115-1				105		%
Indium	115-2				104		%
Iron	56-2	51.44	50.95	50.72	51.04	0.72	ppb
Iron	57-2	46.33	51.51	55.69	51.17	9.16	ppb
Krypton	83-1	-825.72	-233.02	-60.21	-372.98		ppb
Lead	206-1	1.06	0.98	0.97	1.00	4.78	ppb
Lead	207-1	0.92	0.97	1.01	0.97	4.66	ppb
Lead	208-1	1.01	0.97	1.00	0.99	2.11	ppb
Lithium	6-1				99		%
Magnesium	24-2	503.78	496.31	497.30	499.13	0.81	ppb

LB Number :	LB99425	Operator :	Jaswal
Lab Sample ID :	CRI	Instrumnet Name :	P8
Client Sample ID :	CRI	Dilution Factor :	1
Date & Time Acquired ::	2018-11-27 17:30:37	DataFile Name :	026LLCC.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	1.06	1.01	1.15	1.07	6.57	ppb
Molybdenum	94-1	4.94	4.92	4.62	4.83	3.73	ppb
Molybdenum	95-1	4.87	4.76	4.92	4.85	1.67	ppb
Molybdenum	96-1	4.84	5.02	4.95	4.94	1.83	ppb
Molybdenum	97-1	5.13	5.00	4.83	4.99	2.96	ppb
Molybdenum	98-1	4.89	4.91	4.87	4.89	0.44	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	1.08	0.97	1.07	1.04	5.81	ppb
Phosphorus	31-2	-7.83	-19.76	-7.69	-11.76		ppb
Potassium	39-2	507.92	469.51	490.11	489.18	3.93	ppb
Rhodium	103-1				104		%
Rhodium	103-2				104		%
Scandium	45-1				103		%
Scandium	45-2				99		%
Selenium	77-2	9.48	3.89	0.93	4.77	91.19	ppb
Selenium	78-2	5.69	5.87	7.33	6.29	14.26	ppb
Selenium	82-1	4.31	4.98	5.31	4.87	10.48	ppb
Silicon	28-1	9.06	8.37	7.49	8.31	9.50	ppb
Silver	109-1	1.00	1.09	1.01	1.04	4.68	ppb
Silver	107-1	1.07	0.97	1.00	1.01	5.22	ppb
Sodium	23-2	546.93	557.10	568.06	557.36	1.90	ppb
Strontium	86-1	0.81	0.83	0.90	0.85	5.73	ppb
Strontium	88-1	1.01	1.01	0.99	1.01	1.11	ppb
Sulfur	34-1	-2400.96	-2662.09	-2979.32	-2680.79		ppb
Terbium	159-1				108		%
Terbium	159-2				107		%
Thallium	203-1	1.01	0.93	0.98	0.97	4.03	ppb
Thallium	205-1	0.98	1.01	1.00	1.00	1.31	ppb
Tin	118-1	5.09	5.05	5.04	5.06	0.54	ppb
Titanium	47-1	4.70	4.79	5.04	4.85	3.56	ppb
Uranium	238-1	0.96	0.94	0.93	0.94	1.53	ppb
Vanadium	51-2	4.94	4.57	4.70	4.74	3.90	ppb
Yttrium	89-1				104		%
Yttrium	89-2				104		%
Zinc	66-2	2.52	2.27	2.43	2.40	5.28	ppb

LB Number :	LB99425	Operator :	Jaswal
Lab Sample ID :	CRI	Instrumnet Name :	P8
Client Sample ID :	CRI	Dilution Factor :	1
Date & Time Acquired ::	2018-11-27 17:30:37	DataFile Name :	026LLCC.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	90-1	0.99	1.04	1.09	1.04	4.97	ppb
Zirconium	91-1	1.03	0.87	1.00	0.97	8.68	ppb

LB Number : LB99425 Operator : Jaswal
 Lab Sample ID : PB114857BL Instrumnet Name : P8
 Client Sample ID : PB114857BL Dilution Factor : 1
 Date & Time Acquired :: 2018-11-27 17:34:10 DataFile Name : 027CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	-0.01	1.58	0.58	0.72	111.99	ppb
Antimony	121-1	0.03	0.03	0.02	0.03	18.55	ppb
Arsenic	75-2	-0.01	0.03	0.00	0.01	296.23	ppb
Barium	135-1	-0.02	-0.01	-0.01	-0.01		ppb
Barium	137-1	0.01	0.00	0.00	0.00	2180.46	ppb
Beryllium	9-1	0.04	0.00	0.02	0.02	80.63	ppb
Bismuth	209-1				110		%
Bismuth	209-2				109		%
Boron	10-1	1.98	1.98	1.61	1.86	11.37	ppb
Boron	11-1	2.19	1.99	2.18	2.12	5.45	ppb
Cadmium	111-1	0.13	0.05	0.02	0.06	87.70	ppb
Cadmium	106-1	1.70	0.66	0.12	0.83	97.03	ppb
Cadmium	108-1	-0.04	-0.08	-0.08	-0.06		ppb
Calcium	43-1	-1.79	-9.26	-1.72	-4.26		ppb
Calcium	44-1	3.16	4.16	4.89	4.07	21.38	ppb
Chromium	52-2	-0.05	0.04	0.00	-0.01		ppb
Cobalt	59-2	0.00	0.00	0.01	0.01	148.93	ppb
Copper	63-2	0.03	0.02	-0.01	0.01	131.18	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				108		%
Holmium	165-2				107		%
Indium	115-1				105		%
Indium	115-2				105		%
Iron	56-2	0.01	0.41	-0.24	0.06	566.50	ppb
Iron	57-2	-1.59	-2.17	-0.63	-1.47		ppb
Krypton	83-1	-838.87	-374.27	2536.29	441.05	414.77	ppb
Lead	206-1	0.02	0.01	0.03	0.02	40.95	ppb
Lead	207-1	0.03	0.02	0.04	0.03	26.83	ppb
Lead	208-1	0.03	0.03	0.03	0.03	13.06	ppb
Lithium	6-1				100		%
Magnesium	24-2	1.63	4.47	0.26	2.12	101.50	ppb

LB Number : LB99425 Operator : Jaswal
 Lab Sample ID : PB114857BL Instrumnet Name : P8
 Client Sample ID : PB114857BL Dilution Factor : 1
 Date & Time Acquired :: 2018-11-27 17:34:10 DataFile Name : 027CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	-0.03	-0.03	0.09	0.01	580.08	ppb
Molybdenum	94-1	0.03	0.03	0.04	0.04	21.05	ppb
Molybdenum	95-1	0.01	0.03	0.02	0.02	39.22	ppb
Molybdenum	96-1	0.04	0.03	0.01	0.03	54.88	ppb
Molybdenum	97-1	0.02	0.04	0.04	0.03	33.97	ppb
Molybdenum	98-1	0.02	0.01	0.02	0.02	44.38	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.03	0.01	-0.02	0.01	327.79	ppb
Phosphorus	31-2	-8.19	-8.03	-7.94	-8.05		ppb
Potassium	39-2	-17.14	0.42	5.12	-3.87		ppb
Rhodium	103-1				105		%
Rhodium	103-2				107		%
Scandium	45-1				103		%
Scandium	45-2				102		%
Selenium	77-2	-2.01	-2.01	-2.01	-2.01		ppb
Selenium	78-2	0.41	-1.04	-0.56	-0.40		ppb
Selenium	82-1	-0.76	-0.90	0.51	-0.38		ppb
Silicon	28-1	-4.61	-5.96	-7.11	-5.89		ppb
Silver	109-1	0.02	0.01	0.02	0.02	28.95	ppb
Silver	107-1	0.01	0.01	0.01	0.01	31.75	ppb
Sodium	23-2	35.59	39.52	37.34	37.48	5.26	ppb
Strontium	86-1	-0.13	-0.05	-0.09	-0.09		ppb
Strontium	88-1	0.00	0.00	0.00	0.00		ppb
Sulfur	34-1	-2159.16	-2450.28	-2516.32	-2375.26		ppb
Terbium	159-1				108		%
Terbium	159-2				108		%
Thallium	203-1	0.01	0.02	0.03	0.02	30.20	ppb
Thallium	205-1	0.02	0.02	0.01	0.01	21.81	ppb
Tin	118-1	0.02	0.01	0.02	0.02	21.73	ppb
Titanium	47-1	-0.01	-0.03	-0.08	-0.04		ppb
Uranium	238-1	0.00	0.00	0.00	0.00		ppb
Vanadium	51-2	-0.01	-0.01	-0.01	-0.01		ppb
Yttrium	89-1				105		%
Yttrium	89-2				106		%
Zinc	66-2	0.10	0.03	-0.02	0.04	157.45	ppb

LB Number :	LB99425	Operator :	Jaswal
Lab Sample ID :	PB114857BL	Instrumnet Name :	P8
Client Sample ID :	PB114857BL	Dilution Factor :	1
Date & Time Acquired ::	2018-11-27 17:34:10	DataFile Name :	027CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	90-1	0.01	0.00	-0.01	0.00	1031.41	ppb
Zirconium	91-1	-0.01	0.00	-0.01	-0.01		ppb

LB Number :	LB99425	Operator :	Jaswal
Lab Sample ID :	J5807-12DL3X20	Instrumnet Name :	P8
Client Sample ID :	PT-MET-SOILDL	Dilution Factor :	20
Date & Time Acquired ::	2018-11-27 17:37:32	DataFile Name :	028SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	4197.23	4235.83	4293.25	4242.10	1.14	ppb
Antimony	121-1	23.07	22.89	22.48	22.81	1.34	ppb
Arsenic	75-2	40.16	39.67	39.94	39.92	0.62	ppb
Barium	135-1	138.19	136.67	136.58	137.15	0.66	ppb
Barium	137-1	138.97	138.88	136.56	138.14	0.99	ppb
Beryllium	9-1	75.70	74.40	76.33	75.48	1.30	ppb
Bismuth	209-1				109		%
Bismuth	209-2				107		%
Boron	10-1	124.25	120.41	128.79	124.48	3.37	ppb
Boron	11-1	123.06	121.74	126.05	123.62	1.79	ppb
Cadmium	111-1	39.56	39.84	39.57	39.66	0.40	ppb
Cadmium	106-1	34.24	33.38	34.70	34.11	1.97	ppb
Cadmium	108-1	36.99	36.37	38.10	37.15	2.36	ppb
Calcium	43-1	4287.47	4313.78	4220.33	4273.86	1.13	ppb
Calcium	44-1	4247.83	4350.89	4330.63	4309.78	1.27	ppb
Chromium	52-2	109.07	108.51	112.25	109.94	1.83	ppb
Cobalt	59-2	28.38	28.54	28.09	28.33	0.81	ppb
Copper	63-2	21.19	21.17	21.26	21.21	0.21	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				109		%
Holmium	165-2				108		%
Indium	115-1				105		%
Indium	115-2				104		%
Iron	56-2	7227.65	7236.46	7401.47	7288.53	1.34	ppb
Iron	57-2	7127.26	7107.09	7309.52	7181.29	1.55	ppb
Krypton	83-1	1923.95	1958.18	-466.44	1138.57	122.09	ppb
Lead	206-1	114.78	116.79	116.76	116.11	0.99	ppb
Lead	207-1	109.51	112.08	111.23	110.94	1.18	ppb
Lead	208-1	112.89	114.56	113.59	113.68	0.74	ppb
Lithium	6-1				113		%
Magnesium	24-2	6498.06	6420.30	6552.79	6490.38	1.03	ppb

LB Number :	LB99425	Operator :	Jaswal
Lab Sample ID :	J5807-12DL3X20	Instrumnet Name :	P8
Client Sample ID :	PT-MET-SOILDL	Dilution Factor :	20
Date & Time Acquired ::	2018-11-27 17:37:32	DataFile Name :	028SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	466.61	458.31	467.72	464.21	1.11	ppb
Molybdenum	94-1	37.10	36.34	36.48	36.64	1.10	ppb
Molybdenum	95-1	47.42	47.44	47.83	47.56	0.49	ppb
Molybdenum	96-1	46.06	45.33	45.83	45.74	0.82	ppb
Molybdenum	97-1	47.69	47.58	47.11	47.46	0.65	ppb
Molybdenum	98-1	47.87	47.20	47.41	47.49	0.72	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	47.07	47.34	47.97	47.46	0.98	ppb
Phosphorus	31-2	248.72	203.15	230.47	227.45	10.08	ppb
Potassium	39-2	9972.56	9995.58	10076.71	10014.95	0.55	ppb
Rhodium	103-1				105		%
Rhodium	103-2				104		%
Scandium	45-1				103		%
Scandium	45-2				101		%
Selenium	77-2	88.03	116.33	110.08	104.82	14.18	ppb
Selenium	78-2	99.93	95.92	107.52	101.12	5.83	ppb
Selenium	82-1	97.57	96.47	94.97	96.34	1.36	ppb
Silicon	28-1	1394.74	1424.90	1414.01	1411.22	1.08	ppb
Silver	109-1	17.24	17.40	17.34	17.33	0.49	ppb
Silver	107-1	17.30	17.41	17.03	17.25	1.14	ppb
Sodium	23-2	1327.48	1328.73	1360.10	1338.77	1.38	ppb
Strontium	86-1	95.57	94.49	93.72	94.60	0.98	ppb
Strontium	88-1	99.23	99.63	99.00	99.29	0.32	ppb
Sulfur	34-1	-3798.54	-3644.22	-3924.89	-3789.22		ppb
Terbium	159-1				108		%
Terbium	159-2				109		%
Thallium	203-1	59.96	62.41	61.97	61.45	2.13	ppb
Thallium	205-1	61.44	62.99	62.63	62.35	1.31	ppb
Tin	118-1	82.60	82.94	83.02	82.85	0.27	ppb
Titanium	47-1	284.84	290.93	293.45	289.74	1.53	ppb
Uranium	238-1	29.26	30.09	29.21	29.52	1.68	ppb
Vanadium	51-2	99.27	100.79	100.07	100.04	0.76	ppb
Yttrium	89-1				106		%
Yttrium	89-2				105		%
Zinc	66-2	363.06	361.56	371.90	365.51	1.53	ppb

LB Number :	LB99425	Operator :	Jaswal
Lab Sample ID :	J5807-12DL3X20	Instrumnet Name :	P8
Client Sample ID :	PT-MET-SOILDL	Dilution Factor :	20
Date & Time Acquired ::	2018-11-27 17:37:32	DataFile Name :	028SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	90-1	2.01	2.01	1.99	2.00	0.54	ppb
Zirconium	91-1	1.95	1.88	1.99	1.94	3.00	ppb

LB Number :	LB99425	Operator :	Jaswal
Lab Sample ID :	J5807-12DL2X10	Instrumnet Name :	P8
Client Sample ID :	PT-MET-SOILDL2	Dilution Factor :	10
Date & Time Acquired ::	2018-11-27 17:40:53	DataFile Name :	029SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	9212.59	8141.17	8211.90	8521.89	7.03	ppb
Antimony	121-1	45.21	44.70	44.51	44.81	0.81	ppb
Arsenic	75-2	86.33	77.72	76.75	80.27	6.57	ppb
Barium	135-1	268.83	264.44	269.36	267.54	1.01	ppb
Barium	137-1	274.63	266.77	272.75	271.38	1.51	ppb
Beryllium	9-1	133.98	134.06	136.10	134.71	0.89	ppb
Bismuth	209-1				111		%
Bismuth	209-2				105		%
Boron	10-1	218.31	217.41	223.82	219.85	1.58	ppb
Boron	11-1	218.89	222.25	230.12	223.75	2.58	ppb
Cadmium	111-1	77.10	75.88	76.49	76.49	0.80	ppb
Cadmium	106-1	70.27	65.99	67.07	67.78	3.29	ppb
Cadmium	108-1	71.19	68.69	72.33	70.73	2.63	ppb
Calcium	43-1	8587.75	8475.60	8487.20	8516.85	0.72	ppb
Calcium	44-1	8652.28	8596.36	8541.45	8596.70	0.64	ppb
Chromium	52-2	237.46	214.37	212.32	221.38	6.31	ppb
Cobalt	59-2	61.01	54.09	55.00	56.70	6.63	ppb
Copper	63-2	45.46	40.68	41.01	42.38	6.30	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				109		%
Holmium	165-2				106		%
Indium	115-1				105		%
Indium	115-2				102		%
Iron	56-2	15680.25	13993.59	13918.66	14530.83	6.86	ppb
Iron	57-2	15531.45	13782.44	13833.27	14382.39	6.92	ppb
Krypton	83-1	-282.95	2590.89	-123.42	728.17	221.81	ppb
Lead	206-1	231.54	229.74	229.71	230.33	0.46	ppb
Lead	207-1	221.17	221.77	220.85	221.26	0.21	ppb
Lead	208-1	228.88	229.50	228.85	229.07	0.16	ppb
Lithium	6-1				127		%
Magnesium	24-2	14108.97	12509.01	12609.37	13075.79	6.85	ppb

LB Number :	LB99425	Operator :	Jaswal
Lab Sample ID :	J5807-12DL2X10	Instrumnet Name :	P8
Client Sample ID :	PT-MET-SOILDL2	Dilution Factor :	10
Date & Time Acquired ::	2018-11-27 17:40:53	DataFile Name :	029SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	1003.51	891.10	893.36	929.33	6.91	ppb
Molybdenum	94-1	71.33	71.18	70.84	71.11	0.35	ppb
Molybdenum	95-1	93.19	92.47	93.30	92.99	0.48	ppb
Molybdenum	96-1	89.41	90.02	90.35	89.92	0.53	ppb
Molybdenum	97-1	93.55	93.56	93.51	93.54	0.03	ppb
Molybdenum	98-1	92.20	92.81	92.43	92.48	0.33	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	101.20	90.75	91.41	94.45	6.20	ppb
Phosphorus	31-2	581.96	617.30	451.34	550.20	15.89	ppb
Potassium	39-2	21567.16	19184.59	19252.82	20001.52	6.78	ppb
Rhodium	103-1				104		%
Rhodium	103-2				103		%
Scandium	45-1				103		%
Scandium	45-2				100		%
Selenium	77-2	249.07	233.66	180.34	221.02	16.32	ppb
Selenium	78-2	223.51	181.34	181.33	195.39	12.46	ppb
Selenium	82-1	186.76	184.68	186.31	185.92	0.59	ppb
Silicon	28-1	2779.01	2790.17	2787.42	2785.53	0.21	ppb
Silver	109-1	34.00	33.50	33.87	33.79	0.77	ppb
Silver	107-1	34.09	33.53	34.15	33.92	1.00	ppb
Sodium	23-2	2830.02	2579.04	2550.72	2653.26	5.79	ppb
Strontium	86-1	184.64	184.93	183.65	184.41	0.36	ppb
Strontium	88-1	191.89	192.76	190.94	191.86	0.47	ppb
Sulfur	34-1	-5081.12	-5493.99	-5649.05	-5408.05		ppb
Terbium	159-1				110		%
Terbium	159-2				107		%
Thallium	203-1	121.62	121.81	120.84	121.42	0.42	ppb
Thallium	205-1	123.67	123.47	123.03	123.39	0.27	ppb
Tin	118-1	161.05	160.67	162.45	161.39	0.58	ppb
Titanium	47-1	568.64	573.26	571.13	571.01	0.41	ppb
Uranium	238-1	59.76	59.33	58.14	59.08	1.41	ppb
Vanadium	51-2	215.60	194.17	192.63	200.80	6.39	ppb
Yttrium	89-1				108		%
Yttrium	89-2				104		%
Zinc	66-2	780.26	703.07	697.58	726.97	6.36	ppb

LB Number :	LB99425	Operator :	Jaswal
Lab Sample ID :	J5807-12DL2X10	Instrumnet Name :	P8
Client Sample ID :	PT-MET-SOILDL2	Dilution Factor :	10
Date & Time Acquired ::	2018-11-27 17:40:53	DataFile Name :	029SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	90-1	3.79	3.93	4.05	3.92	3.31	ppb
Zirconium	91-1	3.64	3.88	3.79	3.77	3.30	ppb

LB Number :	LB99425	Operator :	Jaswal
Lab Sample ID :	J5807-12DLX5	Instrumnet Name :	P8
Client Sample ID :	PT-MET-SOILDL	Dilution Factor :	5
Date & Time Acquired ::	2018-11-27 17:44:14	DataFile Name :	030SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	16336.50	16447.26	16566.40	16450.05	0.70	ppb
Antimony	121-1	90.69	91.09	90.48	90.75	0.35	ppb
Arsenic	75-2	152.48	152.07	155.01	153.19	1.04	ppb
Barium	135-1	538.77	536.03	529.99	534.93	0.84	ppb
Barium	137-1	551.11	544.75	541.18	545.68	0.92	ppb
Beryllium	9-1	219.81	219.26	212.82	217.30	1.79	ppb
Bismuth	209-1				109		%
Bismuth	209-2				103		%
Boron	10-1	354.80	365.85	362.47	361.04	1.57	ppb
Boron	11-1	358.88	366.40	363.95	363.07	1.06	ppb
Cadmium	111-1	153.67	153.20	153.44	153.44	0.15	ppb
Cadmium	106-1	134.09	132.20	135.09	133.79	1.09	ppb
Cadmium	108-1	137.80	144.26	139.57	140.54	2.38	ppb
Calcium	43-1	17106.18	17000.50	16689.06	16931.91	1.28	ppb
Calcium	44-1	16970.92	16879.89	16661.10	16837.30	0.95	ppb
Chromium	52-2	429.52	436.44	439.66	435.21	1.19	ppb
Cobalt	59-2	109.69	112.24	112.83	111.59	1.49	ppb
Copper	63-2	82.79	83.64	84.36	83.60	0.94	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				107		%
Holmium	165-2				105		%
Indium	115-1				104		%
Indium	115-2				100		%
Iron	56-2	28486.22	28468.18	28542.11	28498.83	0.14	ppb
Iron	57-2	28103.41	28557.03	28351.55	28337.33	0.80	ppb
Krypton	83-1	-630.68	1107.94	-1130.31	-217.68		ppb
Lead	206-1	474.93	469.26	465.79	469.99	0.98	ppb
Lead	207-1	441.39	434.99	437.40	437.93	0.74	ppb
Lead	208-1	459.50	454.51	456.63	456.88	0.55	ppb
Lithium	6-1				152		%
Magnesium	24-2	25424.69	25693.37	25734.92	25617.66	0.66	ppb

LB Number :	LB99425	Operator :	Jaswal
Lab Sample ID :	J5807-12DLX5	Instrumnet Name :	P8
Client Sample ID :	PT-MET-SOILDL	Dilution Factor :	5
Date & Time Acquired ::	2018-11-27 17:44:14	DataFile Name :	030SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	1797.80	1821.07	1817.62	1812.16	0.69	ppb
Molybdenum	94-1	142.50	140.60	138.98	140.70	1.25	ppb
Molybdenum	95-1	183.95	184.87	181.02	183.28	1.10	ppb
Molybdenum	96-1	178.44	177.84	177.03	177.77	0.40	ppb
Molybdenum	97-1	181.87	185.63	181.85	183.11	1.19	ppb
Molybdenum	98-1	182.32	184.57	181.73	182.87	0.82	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	184.07	187.62	188.61	186.77	1.28	ppb
Phosphorus	31-2	1347.29	1186.44	1475.94	1336.56	10.85	ppb
Potassium	39-2	38720.85	39050.47	39098.81	38956.71	0.53	ppb
Rhodium	103-1				100		%
Rhodium	103-2				102		%
Scandium	45-1				100		%
Scandium	45-2				99		%
Selenium	77-2	485.72	407.00	387.81	426.85	12.16	ppb
Selenium	78-2	374.69	380.02	382.14	378.95	1.01	ppb
Selenium	82-1	365.37	373.33	366.50	368.40	1.17	ppb
Silicon	28-1	5583.16	5532.19	5432.16	5515.84	1.39	ppb
Silver	109-1	66.36	67.70	66.23	66.76	1.22	ppb
Silver	107-1	68.45	68.45	67.08	67.99	1.16	ppb
Sodium	23-2	5130.10	5202.27	5196.49	5176.29	0.77	ppb
Strontium	86-1	365.63	362.97	363.10	363.90	0.41	ppb
Strontium	88-1	375.01	371.46	372.20	372.89	0.50	ppb
Sulfur	34-1	-5744.46	-6094.38	-6506.06	-6114.97		ppb
Terbium	159-1				107		%
Terbium	159-2				105		%
Thallium	203-1	248.50	242.84	241.62	244.32	1.50	ppb
Thallium	205-1	257.46	253.55	251.54	254.18	1.18	ppb
Tin	118-1	323.86	326.51	323.70	324.69	0.49	ppb
Titanium	47-1	1149.56	1144.20	1125.10	1139.62	1.13	ppb
Uranium	238-1	122.04	121.06	121.63	121.58	0.40	ppb
Vanadium	51-2	392.87	398.57	399.55	397.00	0.91	ppb
Yttrium	89-1				107		%
Yttrium	89-2				105		%
Zinc	66-2	1399.10	1429.61	1429.27	1419.33	1.23	ppb

LB Number :	LB99425	Operator :	Jaswal
Lab Sample ID :	J5807-12DLX5	Instrumnet Name :	P8
Client Sample ID :	PT-MET-SOILDL	Dilution Factor :	5
Date & Time Acquired ::	2018-11-27 17:44:14	DataFile Name :	030SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	90-1	7.93	7.75	7.80	7.83	1.16	ppb
Zirconium	91-1	7.62	7.43	7.70	7.59	1.83	ppb

LB Number :	LB99425	Operator :	Jaswal
Lab Sample ID :	J5807-12REDL2X10	Instrumnet Name :	P8
Client Sample ID :	PT-MET-SOILRE	Dilution Factor :	10
Date & Time Acquired ::	2018-11-27 17:47:33	DataFile Name :	031SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	8014.29	8195.22	8287.19	8165.57	1.70	ppb
Antimony	121-1	44.54	44.88	45.00	44.81	0.54	ppb
Arsenic	75-2	77.13	76.82	78.01	77.32	0.80	ppb
Barium	135-1	268.58	269.08	267.20	268.29	0.36	ppb
Barium	137-1	273.36	271.97	269.11	271.48	0.80	ppb
Beryllium	9-1	134.58	130.13	131.36	132.02	1.74	ppb
Bismuth	209-1				109		%
Bismuth	209-2				105		%
Boron	10-1	222.23	229.08	230.68	227.33	1.97	ppb
Boron	11-1	225.89	225.74	226.54	226.06	0.19	ppb
Cadmium	111-1	78.19	76.97	76.27	77.14	1.26	ppb
Cadmium	106-1	68.23	70.45	65.30	67.99	3.80	ppb
Cadmium	108-1	77.72	73.32	73.73	74.92	3.25	ppb
Calcium	43-1	8447.20	8567.51	8394.50	8469.74	1.05	ppb
Calcium	44-1	8500.00	8533.07	8478.11	8503.73	0.33	ppb
Chromium	52-2	213.36	219.87	221.17	218.13	1.92	ppb
Cobalt	59-2	55.09	56.21	56.55	55.95	1.37	ppb
Copper	63-2	41.28	42.17	42.02	41.82	1.14	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				108		%
Holmium	165-2				108		%
Indium	115-1				104		%
Indium	115-2				103		%
Iron	56-2	13971.44	14272.51	14315.27	14186.41	1.32	ppb
Iron	57-2	13803.66	14271.59	14404.23	14159.83	2.23	ppb
Krypton	83-1	2176.54	813.25	1053.17	1347.65	54.00	ppb
Lead	206-1	230.69	232.54	234.00	232.41	0.71	ppb
Lead	207-1	220.38	223.35	222.50	222.08	0.69	ppb
Lead	208-1	228.78	232.27	231.79	230.95	0.82	ppb
Lithium	6-1				125		%
Magnesium	24-2	12512.72	12741.84	12918.52	12724.36	1.60	ppb

LB Number :	LB99425	Operator :	Jaswal
Lab Sample ID :	J5807-12REDL2X10	Instrumnet Name :	P8
Client Sample ID :	PT-MET-SOILRE	Dilution Factor :	10
Date & Time Acquired ::	2018-11-27 17:47:33	DataFile Name :	031SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	877.95	916.38	915.84	903.39	2.44	ppb
Molybdenum	94-1	72.89	72.53	71.53	72.32	0.98	ppb
Molybdenum	95-1	94.31	95.06	94.33	94.56	0.45	ppb
Molybdenum	96-1	89.90	90.74	89.76	90.13	0.59	ppb
Molybdenum	97-1	93.65	93.57	93.55	93.59	0.06	ppb
Molybdenum	98-1	93.08	92.80	94.03	93.30	0.69	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	90.22	93.70	94.35	92.76	2.40	ppb
Phosphorus	31-2	450.35	607.54	576.13	544.67	15.27	ppb
Potassium	39-2	19155.04	19828.03	19597.79	19526.95	1.75	ppb
Rhodium	103-1				103		%
Rhodium	103-2				105		%
Scandium	45-1				101		%
Scandium	45-2				101		%
Selenium	77-2	230.04	223.82	191.83	215.23	9.53	ppb
Selenium	78-2	184.35	198.66	195.27	192.76	3.88	ppb
Selenium	82-1	194.37	188.63	188.43	190.48	1.77	ppb
Silicon	28-1	2769.33	2775.76	2706.85	2750.65	1.38	ppb
Silver	109-1	33.67	33.36	33.97	33.67	0.91	ppb
Silver	107-1	33.81	33.09	33.77	33.56	1.21	ppb
Sodium	23-2	2497.58	2602.69	2606.75	2569.01	2.41	ppb
Strontium	86-1	187.98	188.47	185.53	187.33	0.84	ppb
Strontium	88-1	193.90	195.03	192.51	193.82	0.65	ppb
Sulfur	34-1	-6714.11	-6966.36	-7252.94	-6977.80		ppb
Terbium	159-1				109		%
Terbium	159-2				107		%
Thallium	203-1	121.52	121.76	123.53	122.27	0.90	ppb
Thallium	205-1	123.69	123.25	125.30	124.08	0.87	ppb
Tin	118-1	160.92	163.36	160.42	161.57	0.97	ppb
Titanium	47-1	574.79	575.86	573.60	574.75	0.20	ppb
Uranium	238-1	59.09	59.66	59.47	59.41	0.48	ppb
Vanadium	51-2	193.54	198.92	202.26	198.24	2.22	ppb
Yttrium	89-1				106		%
Yttrium	89-2				106		%
Zinc	66-2	695.61	716.25	721.90	711.26	1.95	ppb

LB Number :	LB99425	Operator :	Jaswal
Lab Sample ID :	J5807-12REDL2X10	Instrumnet Name :	P8
Client Sample ID :	PT-MET-SOILRE	Dilution Factor :	10
Date & Time Acquired ::	2018-11-27 17:47:33	DataFile Name :	031SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	90-1	3.91	4.01	3.88	3.94	1.77	ppb
Zirconium	91-1	3.94	3.91	3.90	3.91	0.53	ppb

LB Number :	LB99425	Operator :	Jaswal
Lab Sample ID :	J5807-12	Instrumnet Name :	P8
Client Sample ID :	PT-MET-SOIL	Dilution Factor :	1
Date & Time Acquired ::	2018-11-27 17:50:55	DataFile Name :	032SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	74719.31	73237.93	73709.58	73888.94	1.02	ppb
Antimony	121-1	432.14	430.75	424.94	429.28	0.89	ppb
Arsenic	75-2	652.98	661.64	659.90	658.17	0.70	ppb
Barium	135-1	2599.19	2550.64	2581.97	2577.27	0.96	ppb
Barium	137-1	2604.55	2570.51	2558.57	2577.87	0.93	ppb
Beryllium	9-1	439.97	436.36	430.49	435.61	1.10	ppb
Bismuth	209-1				105		%
Bismuth	209-2				95		%
Boron	10-1	740.39	742.12	748.75	743.75	0.59	ppb
Boron	11-1	747.72	743.96	747.28	746.32	0.28	ppb
Cadmium	111-1	716.15	717.77	716.04	716.65	0.14	ppb
Cadmium	106-1	628.38	637.86	617.73	627.99	1.60	ppb
Cadmium	108-1	654.59	663.02	659.24	658.95	0.64	ppb
Calcium	43-1	78701.36	77268.70	77849.60	77939.89	0.92	ppb
Calcium	44-1	78316.03	76783.99	76858.91	77319.64	1.12	ppb
Chromium	52-2	2118.24	2095.57	2097.15	2103.65	0.60	ppb
Cobalt	59-2	523.33	520.82	520.80	521.65	0.28	ppb
Copper	63-2	389.47	388.56	394.29	390.77	0.79	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				105		%
Holmium	165-2				99		%
Indium	115-1				101		%
Indium	115-2				92		%
Iron	56-2	132049.12	130816.68	131628.37	131498.06	0.48	ppb
Iron	57-2	134896.39	133979.58	132624.68	133833.55	0.85	ppb
Krypton	83-1	2830.22	1871.29	2364.15	2355.22	20.36	ppb
Lead	206-1	2242.87	2252.49	2264.64	2253.33	0.48	ppb
Lead	207-1	2135.13	2157.23	2164.85	2152.40	0.72	ppb
Lead	208-1	2196.94	2207.09	2213.64	2205.89	0.38	ppb
Lithium	6-1				343		%
Magnesium	24-2	119311.09	118298.48	118481.13	118696.90	0.45	ppb

LB Number :	LB99425	Operator :	Jaswal
Lab Sample ID :	J5807-12	Instrumnet Name :	P8
Client Sample ID :	PT-MET-SOIL	Dilution Factor :	1
Date & Time Acquired ::	2018-11-27 17:50:55	DataFile Name :	032SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	8345.93	8363.84	8324.23	8344.67	0.24	ppb
Molybdenum	94-1	605.08	608.51	604.99	606.19	0.33	ppb
Molybdenum	95-1	783.64	787.27	783.17	784.69	0.29	ppb
Molybdenum	96-1	764.88	760.09	762.94	762.64	0.32	ppb
Molybdenum	97-1	786.68	777.61	791.77	785.35	0.91	ppb
Molybdenum	98-1	787.19	783.80	787.92	786.30	0.28	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	863.83	859.87	869.97	864.56	0.59	ppb
Phosphorus	31-2	5413.14	5405.67	5402.11	5406.97	0.10	ppb
Potassium	39-2	181380.34	178087.24	177810.65	179092.74	1.11	ppb
Rhodium	103-1				93		%
Rhodium	103-2				94		%
Scandium	45-1				96		%
Scandium	45-2				98		%
Selenium	77-2	1624.86	1616.86	1571.26	1604.33	1.80	ppb
Selenium	78-2	1547.93	1564.91	1569.07	1560.64	0.72	ppb
Selenium	82-1	1525.60	1526.52	1519.85	1523.99	0.24	ppb
Silicon	28-1	25092.59	24644.70	25141.84	24959.71	1.10	ppb
Silver	109-1	316.71	315.13	313.69	315.18	0.48	ppb
Silver	107-1	318.16	315.82	309.90	314.63	1.35	ppb
Sodium	23-2	24484.94	24333.56	24561.02	24459.84	0.47	ppb
Strontium	86-1	1558.38	1552.02	1560.27	1556.89	0.28	ppb
Strontium	88-1	1568.39	1561.25	1564.32	1564.65	0.23	ppb
Sulfur	34-1	-7379.75	-7853.74	-8104.60	-7779.36		ppb
Terbium	159-1				105		%
Terbium	159-2				99		%
Thallium	203-1	1202.81	1203.81	1223.95	1210.19	0.99	ppb
Thallium	205-1	1211.51	1200.07	1228.39	1213.32	1.17	ppb
Tin	118-1	1529.70	1501.18	1475.39	1502.09	1.81	ppb
Titanium	47-1	5336.22	5276.67	5367.11	5326.67	0.86	ppb
Uranium	238-1	583.64	590.32	590.35	588.10	0.66	ppb
Vanadium	51-2	1932.57	1891.79	1920.02	1914.79	1.09	ppb
Yttrium	89-1				117		%
Yttrium	89-2				112		%
Zinc	66-2	6500.05	6434.97	6479.12	6471.38	0.51	ppb

LB Number :	LB99425	Operator :	Jaswal
Lab Sample ID :	J5807-12	Instrumnet Name :	P8
Client Sample ID :	PT-MET-SOIL	Dilution Factor :	1
Date & Time Acquired ::	2018-11-27 17:50:55	DataFile Name :	032SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	90-1	32.46	33.11	32.74	32.77	0.99	ppb
Zirconium	91-1	32.69	32.63	31.74	32.35	1.66	ppb

LB Number :	LB99425	Operator :	Jaswal
Lab Sample ID :	J5807-12REDL3X20	Instrumnet Name :	P8
Client Sample ID :	PT-MET-SOILRE	Dilution Factor :	20
Date & Time Acquired ::	2018-11-27 17:57:51	DataFile Name :	033SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	4033.60	3871.22	4279.65	4061.49	5.06	ppb
Antimony	121-1	22.29	22.54	22.48	22.44	0.57	ppb
Arsenic	75-2	40.59	39.27	41.34	40.40	2.59	ppb
Barium	135-1	131.96	133.49	134.53	133.33	0.97	ppb
Barium	137-1	135.40	135.70	135.03	135.38	0.25	ppb
Beryllium	9-1	73.31	72.32	74.62	73.41	1.57	ppb
Bismuth	209-1				108		%
Bismuth	209-2				105		%
Boron	10-1	137.04	134.83	146.78	139.55	4.55	ppb
Boron	11-1	137.12	137.55	145.53	140.06	3.38	ppb
Cadmium	111-1	38.98	38.20	38.52	38.57	1.01	ppb
Cadmium	106-1	32.25	34.84	33.77	33.62	3.87	ppb
Cadmium	108-1	33.20	37.20	35.39	35.27	5.68	ppb
Calcium	43-1	4301.98	4321.13	4385.61	4336.24	1.01	ppb
Calcium	44-1	4270.71	4244.14	4354.92	4289.92	1.35	ppb
Chromium	52-2	106.59	104.42	114.66	108.56	4.97	ppb
Cobalt	59-2	27.80	27.15	29.94	28.30	5.15	ppb
Copper	63-2	20.60	20.17	22.12	20.96	4.90	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				103		%
Indium	115-2				102		%
Iron	56-2	7032.93	6916.18	7521.57	7156.89	4.49	ppb
Iron	57-2	6884.01	6880.33	7423.86	7062.73	4.43	ppb
Krypton	83-1	4171.24	586.07	420.52	1725.94	122.79	ppb
Lead	206-1	113.33	116.45	117.77	115.85	1.97	ppb
Lead	207-1	109.17	110.96	111.68	110.60	1.17	ppb
Lead	208-1	111.52	114.00	114.79	113.44	1.51	ppb
Lithium	6-1				109		%
Magnesium	24-2	6253.10	6131.98	6645.10	6343.40	4.23	ppb

LB Number :	LB99425	Operator :	Jaswal
Lab Sample ID :	J5807-12REDL3X20	Instrumnet Name :	P8
Client Sample ID :	PT-MET-SOILRE	Dilution Factor :	20
Date & Time Acquired ::	2018-11-27 17:57:51	DataFile Name :	033SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	442.73	435.28	472.33	450.11	4.35	ppb
Molybdenum	94-1	36.63	35.87	36.60	36.37	1.18	ppb
Molybdenum	95-1	46.70	47.29	47.75	47.25	1.12	ppb
Molybdenum	96-1	44.48	45.83	45.09	45.13	1.49	ppb
Molybdenum	97-1	47.56	47.59	46.90	47.35	0.82	ppb
Molybdenum	98-1	46.48	47.18	47.09	46.92	0.80	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	45.82	45.25	49.19	46.75	4.56	ppb
Phosphorus	31-2	317.66	335.59	353.83	335.69	5.39	ppb
Potassium	39-2	9488.84	9352.55	10179.51	9673.63	4.58	ppb
Rhodium	103-1				102		%
Rhodium	103-2				105		%
Scandium	45-1				98		%
Scandium	45-2				101		%
Selenium	77-2	76.07	98.04	129.16	101.09	26.39	ppb
Selenium	78-2	91.77	94.50	98.91	95.06	3.79	ppb
Selenium	82-1	94.54	96.24	96.38	95.72	1.07	ppb
Silicon	28-1	1384.36	1388.67	1402.27	1391.77	0.67	ppb
Silver	109-1	16.93	17.00	16.45	16.79	1.78	ppb
Silver	107-1	16.59	16.93	16.87	16.79	1.08	ppb
Sodium	23-2	1282.48	1264.58	1369.89	1305.65	4.32	ppb
Strontium	86-1	91.75	92.13	93.65	92.51	1.09	ppb
Strontium	88-1	95.85	96.63	98.80	97.09	1.57	ppb
Sulfur	34-1	-7875.01	-8054.15	-7199.57	-7709.57		ppb
Terbium	159-1				107		%
Terbium	159-2				105		%
Thallium	203-1	59.75	61.50	61.33	60.86	1.59	ppb
Thallium	205-1	60.59	62.37	63.35	62.10	2.25	ppb
Tin	118-1	80.70	81.92	80.63	81.08	0.90	ppb
Titanium	47-1	288.96	286.09	295.14	290.06	1.60	ppb
Uranium	238-1	29.12	29.63	30.18	29.64	1.80	ppb
Vanadium	51-2	97.76	95.59	104.45	99.27	4.65	ppb
Yttrium	89-1				104		%
Yttrium	89-2				103		%
Zinc	66-2	349.58	343.39	376.70	356.56	4.97	ppb

LB Number :	LB99425	Operator :	Jaswal
Lab Sample ID :	J5807-12REDL3X20	Instrumnet Name :	P8
Client Sample ID :	PT-MET-SOILRE	Dilution Factor :	20
Date & Time Acquired ::	2018-11-27 17:57:51	DataFile Name :	033SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	90-1	1.94	1.95	2.05	1.98	2.93	ppb
Zirconium	91-1	1.98	1.90	1.94	1.94	1.91	ppb

LB Number :	LB99425	Operator :	Jaswal
Lab Sample ID :	PB114857BS	Instrumnet Name :	P8
Client Sample ID :	PB114857BS	Dilution Factor :	1
Date & Time Acquired ::	2018-11-27 18:01:13	DataFile Name :	034LCS6.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	9467.55	9406.47	9369.38	9414.46	0.53	ppb
Antimony	121-1	533.17	515.34	514.26	520.93	2.04	ppb
Arsenic	75-2	511.86	517.62	516.45	515.31	0.59	ppb
Barium	135-1	2645.35	2547.43	2592.76	2595.18	1.89	ppb
Barium	137-1	2669.43	2551.84	2579.95	2600.41	2.36	ppb
Beryllium	9-1	508.57	498.59	484.17	497.11	2.47	ppb
Bismuth	209-1				108		%
Bismuth	209-2				102		%
Boron	10-1	517.69	519.82	503.94	513.81	1.68	ppb
Boron	11-1	524.15	519.70	507.55	517.13	1.66	ppb
Cadmium	111-1	527.60	504.78	505.85	512.74	2.51	ppb
Cadmium	106-1	517.99	492.31	496.33	502.21	2.75	ppb
Cadmium	108-1	527.63	502.96	505.63	512.08	2.64	ppb
Calcium	43-1	50438.49	49720.83	49294.73	49818.01	1.16	ppb
Calcium	44-1	50208.88	49101.20	49276.41	49528.83	1.20	ppb
Chromium	52-2	515.83	502.45	510.24	509.51	1.32	ppb
Cobalt	59-2	511.08	502.99	507.05	507.04	0.80	ppb
Copper	63-2	1041.77	1018.90	1042.98	1034.55	1.31	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				104		%
Indium	115-1				100		%
Indium	115-2				97		%
Iron	56-2	26065.86	25649.07	25775.90	25830.28	0.83	ppb
Iron	57-2	25695.79	25441.72	25321.34	25486.28	0.75	ppb
Krypton	83-1	2798.57	2405.00	-1046.45	1385.71	152.66	ppb
Lead	206-1	526.13	515.26	505.36	515.59	2.01	ppb
Lead	207-1	527.48	506.25	505.27	513.00	2.45	ppb
Lead	208-1	525.78	508.20	509.11	514.36	1.92	ppb
Lithium	6-1				93		%
Magnesium	24-2	52168.07	51110.83	51820.63	51699.84	1.04	ppb

LB Number :	LB99425	Operator :	Jaswal
Lab Sample ID :	PB114857BS	Instrumnet Name :	P8
Client Sample ID :	PB114857BS	Dilution Factor :	1
Date & Time Acquired ::	2018-11-27 18:01:13	DataFile Name :	034LCS6.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	1020.03	998.69	1003.98	1007.57	1.10	ppb
Molybdenum	94-1	2603.75	2515.09	2495.50	2538.11	2.27	ppb
Molybdenum	95-1	2591.79	2514.05	2512.62	2539.49	1.78	ppb
Molybdenum	96-1	2570.99	2501.66	2497.45	2523.36	1.64	ppb
Molybdenum	97-1	2619.31	2521.97	2526.48	2555.92	2.15	ppb
Molybdenum	98-1	2597.19	2505.75	2485.04	2529.33	2.36	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	515.86	505.05	510.34	510.42	1.06	ppb
Phosphorus	31-2	9945.91	10691.85	9483.92	10040.56	6.07	ppb
Potassium	39-2	25368.30	24985.30	24833.20	25062.27	1.10	ppb
Rhodium	103-1				99		%
Rhodium	103-2				100		%
Scandium	45-1				95		%
Scandium	45-2				97		%
Selenium	77-2	477.48	528.56	475.63	493.89	6.08	ppb
Selenium	78-2	534.07	528.45	486.78	516.44	5.00	ppb
Selenium	82-1	527.43	504.64	494.91	508.99	3.28	ppb
Silicon	28-1	524.84	511.22	509.53	515.19	1.63	ppb
Silver	109-1	528.60	507.39	512.25	516.08	2.15	ppb
Silver	107-1	526.94	510.48	514.87	517.43	1.65	ppb
Sodium	23-2	53662.63	52493.72	52837.66	52998.00	1.13	ppb
Strontium	86-1	506.44	497.15	486.61	496.74	2.00	ppb
Strontium	88-1	519.94	502.93	500.49	507.79	2.09	ppb
Sulfur	34-1	8228.91	7897.09	7554.11	7893.37	4.27	ppb
Terbium	159-1				108		%
Terbium	159-2				104		%
Thallium	203-1	525.77	519.72	506.16	517.22	1.94	ppb
Thallium	205-1	522.96	509.99	509.58	514.18	1.48	ppb
Tin	118-1	532.35	514.81	507.96	518.38	2.43	ppb
Titanium	47-1	2595.29	2521.13	2532.13	2549.52	1.57	ppb
Uranium	238-1	511.86	494.82	501.02	502.56	1.72	ppb
Vanadium	51-2	514.15	498.72	507.55	506.81	1.53	ppb
Yttrium	89-1				101		%
Yttrium	89-2				99		%
Zinc	66-2	977.83	954.80	962.21	964.94	1.22	ppb

LB Number :	LB99425	Operator :	Jaswal
Lab Sample ID :	PB114857BS	Instrumnet Name :	P8
Client Sample ID :	PB114857BS	Dilution Factor :	1
Date & Time Acquired ::	2018-11-27 18:01:13	DataFile Name :	034LCS6.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	90-1	518.64	499.30	498.08	505.34	2.28	ppb
Zirconium	91-1	500.91	487.02	482.62	490.18	1.95	ppb

LB Number :	LB99425	Operator :	Jaswal
Lab Sample ID :	CCV69	Instrumnet Name :	P8
Client Sample ID :	CCV69	Dilution Factor :	1
Date & Time Acquired ::	2018-11-27 18:04:26	DataFile Name :	035CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	48626.19	49084.10	48936.28	48882.19	0.48	ppb
Antimony	121-1	507.63	517.25	509.06	511.31	1.01	ppb
Arsenic	75-2	501.74	499.36	501.10	500.73	0.25	ppb
Barium	135-1	2543.53	2592.45	2566.87	2567.61	0.95	ppb
Barium	137-1	2526.86	2583.57	2558.36	2556.26	1.11	ppb
Beryllium	9-1	508.36	505.13	500.14	504.54	0.82	ppb
Bismuth	209-1				103		%
Bismuth	209-2				99		%
Boron	10-1	535.17	541.24	534.43	536.95	0.70	ppb
Boron	11-1	526.68	533.36	535.00	531.68	0.83	ppb
Cadmium	111-1	496.83	503.38	498.20	499.47	0.69	ppb
Cadmium	106-1	499.52	502.62	499.30	500.48	0.37	ppb
Cadmium	108-1	504.00	499.70	503.65	502.45	0.48	ppb
Calcium	43-1	247286.32	247828.60	242717.54	245944.15	1.14	ppb
Calcium	44-1	244997.08	246017.98	242618.96	244544.67	0.71	ppb
Chromium	52-2	505.35	508.15	510.34	507.95	0.49	ppb
Cobalt	59-2	487.21	484.30	490.22	487.24	0.61	ppb
Copper	63-2	964.03	956.39	964.89	961.77	0.49	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				107		%
Holmium	165-2				105		%
Indium	115-1				99		%
Indium	115-2				97		%
Iron	56-2	122572.06	122713.18	123714.05	122999.76	0.51	ppb
Iron	57-2	123244.10	124100.97	125824.26	124389.78	1.06	ppb
Krypton	83-1	472.06	-114.09	101.63	153.20	193.51	ppb
Lead	206-1	512.40	512.76	518.90	514.69	0.71	ppb
Lead	207-1	511.81	506.82	509.52	509.38	0.49	ppb
Lead	208-1	512.54	509.00	511.09	510.87	0.35	ppb
Lithium	6-1				92		%
Magnesium	24-2	243158.45	247114.22	246951.68	245741.45	0.91	ppb

LB Number :	LB99425	Operator :	Jaswal
Lab Sample ID :	CCV69	Instrumnet Name :	P8
Client Sample ID :	CCV69	Dilution Factor :	1
Date & Time Acquired ::	2018-11-27 18:04:26	DataFile Name :	035CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	983.50	977.76	982.47	981.24	0.31	ppb
Molybdenum	94-1	2538.47	2541.90	2522.30	2534.22	0.41	ppb
Molybdenum	95-1	2514.15	2507.19	2497.37	2506.24	0.34	ppb
Molybdenum	96-1	2498.64	2490.06	2495.35	2494.68	0.17	ppb
Molybdenum	97-1	2539.48	2530.06	2494.40	2521.31	0.94	ppb
Molybdenum	98-1	2537.14	2499.38	2509.03	2515.18	0.78	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	490.66	493.38	495.97	493.34	0.54	ppb
Phosphorus	31-2	9495.99	8944.76	9513.63	9318.13	3.47	ppb
Potassium	39-2	123658.97	123223.45	123828.03	123570.15	0.25	ppb
Rhodium	103-1				96		%
Rhodium	103-2				97		%
Scandium	45-1				98		%
Scandium	45-2				99		%
Selenium	77-2	531.17	489.43	445.99	488.86	8.71	ppb
Selenium	78-2	543.89	491.29	478.89	504.69	6.84	ppb
Selenium	82-1	492.67	493.34	490.60	492.20	0.29	ppb
Silicon	28-1	611.41	628.10	628.48	622.66	1.57	ppb
Silver	109-1	501.42	510.61	499.64	503.89	1.17	ppb
Silver	107-1	496.78	510.71	503.92	503.80	1.38	ppb
Sodium	23-2	245388.15	251085.21	248258.51	248243.96	1.15	ppb
Strontium	86-1	501.51	495.25	497.57	498.11	0.64	ppb
Strontium	88-1	506.50	505.46	502.51	504.82	0.41	ppb
Sulfur	34-1	8620.14	8494.06	8304.62	8472.94	1.87	ppb
Terbium	159-1				107		%
Terbium	159-2				105		%
Thallium	203-1	511.45	515.17	527.86	518.16	1.66	ppb
Thallium	205-1	507.38	510.31	515.66	511.12	0.82	ppb
Tin	118-1	512.29	516.76	522.78	517.28	1.02	ppb
Titanium	47-1	2551.78	2529.31	2512.61	2531.23	0.78	ppb
Uranium	238-1	508.96	505.90	507.69	507.52	0.30	ppb
Vanadium	51-2	493.27	493.12	494.37	493.59	0.14	ppb
Yttrium	89-1				102		%
Yttrium	89-2				100		%
Zinc	66-2	914.16	921.12	924.45	919.91	0.57	ppb

LB Number :	LB99425	Operator :	Jaswal
Lab Sample ID :	CCV69	Instrumnet Name :	P8
Client Sample ID :	CCV69	Dilution Factor :	1
Date & Time Acquired ::	2018-11-27 18:04:26	DataFile Name :	035CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	90-1	514.88	509.03	507.72	510.55	0.75	ppb
Zirconium	91-1	496.70	493.14	493.91	494.58	0.38	ppb

LB Number :	LB99425	Operator :	Jaswal
Lab Sample ID :	CCB69	Instrumnet Name :	P8
Client Sample ID :	CCB69	Dilution Factor :	1
Date & Time Acquired ::	2018-11-27 18:08:44	DataFile Name :	036CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	0.16	1.30	-0.10	0.45	165.37	ppb
Antimony	121-1	0.24	0.24	0.33	0.27	18.62	ppb
Arsenic	75-2	0.08	0.06	0.09	0.08	20.62	ppb
Barium	135-1	-0.02	-0.01	-0.01	-0.01		ppb
Barium	137-1	0.00	0.00	0.01	0.00	1258.73	ppb
Beryllium	9-1	0.11	0.16	0.11	0.13	24.53	ppb
Bismuth	209-1				109		%
Bismuth	209-2				105		%
Boron	10-1	15.60	14.96	14.44	15.00	3.88	ppb
Boron	11-1	15.59	14.15	14.17	14.64	5.63	ppb
Cadmium	111-1	0.08	0.03	0.01	0.04	89.54	ppb
Cadmium	106-1	0.58	0.12	0.08	0.26	107.13	ppb
Cadmium	108-1	0.01	-0.04	0.01	-0.01		ppb
Calcium	43-1	-0.74	-0.16	-5.31	-2.07		ppb
Calcium	44-1	2.51	1.53	0.28	1.44	77.51	ppb
Chromium	52-2	0.09	0.05	0.11	0.08	34.56	ppb
Cobalt	59-2	-0.03	-0.01	-0.01	-0.01		ppb
Copper	63-2	0.11	0.18	0.09	0.13	37.74	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				107		%
Holmium	165-2				106		%
Indium	115-1				103		%
Indium	115-2				101		%
Iron	56-2	0.66	0.25	0.51	0.47	43.76	ppb
Iron	57-2	-1.17	0.49	-1.16	-0.61		ppb
Krypton	83-1	451.94	1031.35	-1011.74	157.18	669.89	ppb
Lead	206-1	0.15	0.14	0.12	0.14	10.66	ppb
Lead	207-1	0.14	0.13	0.10	0.13	15.75	ppb
Lead	208-1	0.14	0.14	0.12	0.14	6.92	ppb
Lithium	6-1				95		%
Magnesium	24-2	1.94	4.08	3.07	3.03	35.26	ppb

LB Number :	LB99425	Operator :	Jaswal
Lab Sample ID :	CCB69	Instrumnet Name :	P8
Client Sample ID :	CCB69	Dilution Factor :	1
Date & Time Acquired ::	2018-11-27 18:08:44	DataFile Name :	036CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	-0.04	0.02	0.04	0.01	614.11	ppb
Molybdenum	94-1	0.14	0.09	0.22	0.15	40.93	ppb
Molybdenum	95-1	0.18	0.20	0.20	0.19	6.25	ppb
Molybdenum	96-1	0.24	0.20	0.17	0.20	17.51	ppb
Molybdenum	97-1	0.17	0.23	0.18	0.20	17.35	ppb
Molybdenum	98-1	0.22	0.19	0.18	0.20	10.18	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.01	-0.01	-0.01	0.00		ppb
Phosphorus	31-2	-7.57	-7.34	-7.53	-7.48		ppb
Potassium	39-2	-14.55	17.01	8.63	3.70	441.93	ppb
Rhodium	103-1				102		%
Rhodium	103-2				105		%
Scandium	45-1				97		%
Scandium	45-2				97		%
Selenium	77-2	4.00	0.94	-2.01	0.98	307.91	ppb
Selenium	78-2	-0.01	-0.53	0.00	-0.18		ppb
Selenium	82-1	-0.59	0.28	-0.55	-0.29		ppb
Silicon	28-1	-4.34	-5.67	-5.81	-5.27		ppb
Silver	109-1	0.05	0.05	0.07	0.06	18.91	ppb
Silver	107-1	0.04	0.04	0.06	0.05	24.44	ppb
Sodium	23-2	46.36	50.73	49.81	48.97	4.70	ppb
Strontium	86-1	-0.01	-0.12	-0.12	-0.08		ppb
Strontium	88-1	0.01	0.01	0.00	0.00	71.35	ppb
Sulfur	34-1	-2918.99	-3267.56	-3255.94	-3147.50		ppb
Terbium	159-1				107		%
Terbium	159-2				105		%
Thallium	203-1	0.21	0.16	0.15	0.17	20.90	ppb
Thallium	205-1	0.21	0.18	0.17	0.18	10.83	ppb
Tin	118-1	0.05	0.05	0.07	0.06	23.32	ppb
Titanium	47-1	0.05	0.11	0.01	0.06	84.07	ppb
Uranium	238-1	0.00	0.00	0.00	0.00	10.95	ppb
Vanadium	51-2	0.00	-0.01	0.01	0.00		ppb
Yttrium	89-1				102		%
Yttrium	89-2				101		%
Zinc	66-2	0.24	0.36	0.24	0.28	24.29	ppb

LB Number :	LB99425	Operator :	Jaswal
Lab Sample ID :	CCB69	Instrumnet Name :	P8
Client Sample ID :	CCB69	Dilution Factor :	1
Date & Time Acquired ::	2018-11-27 18:08:44	DataFile Name :	036CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	90-1	0.01	0.01	0.01	0.01	37.56	ppb
Zirconium	91-1	0.00	0.03	0.02	0.02	68.12	ppb

LB Number :	LB99425	Operator :	Jaswal
Lab Sample ID :	PB114975BL	Instrumnet Name :	P8
Client Sample ID :	PB114975BL	Dilution Factor :	1
Date & Time Acquired ::	2018-11-27 18:39:09	DataFile Name :	037SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	-0.54	-0.54	-0.29	-0.46		ppb
Antimony	121-1	0.08	0.08	0.09	0.08	7.53	ppb
Arsenic	75-2	-0.03	-0.03	-0.01	-0.02		ppb
Barium	135-1	-0.01	-0.01	0.00	-0.01		ppb
Barium	137-1	-0.01	0.00	0.00	-0.01		ppb
Beryllium	9-1	0.04	0.05	0.03	0.04	27.17	ppb
Bismuth	209-1				99		%
Bismuth	209-2				112		%
Boron	10-1	2.72	2.00	1.47	2.06	30.45	ppb
Boron	11-1	2.60	1.92	2.39	2.31	15.08	ppb
Cadmium	111-1	-0.04	0.02	0.03	0.00	1763.48	ppb
Cadmium	106-1	-0.65	0.25	0.14	-0.09		ppb
Cadmium	108-1	-0.07	0.01	-0.07	-0.04		ppb
Calcium	43-1	13.14	-12.78	-8.10	-2.58		ppb
Calcium	44-1	7.21	-4.26	1.37	1.44	398.58	ppb
Chromium	52-2	-0.08	-0.03	0.02	-0.03		ppb
Cobalt	59-2	-0.01	0.00	0.02	0.00	363.15	ppb
Copper	63-2	0.02	0.00	0.01	0.01	95.67	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				111		%
Indium	115-1				97		%
Indium	115-2				110		%
Iron	56-2	-0.20	-0.56	-0.06	-0.28		ppb
Iron	57-2	-0.13	0.61	3.13	1.20	141.93	ppb
Krypton	83-1	-2901.12	16.93	578.85	-768.45		ppb
Lead	206-1	0.09	0.09	0.06	0.08	20.40	ppb
Lead	207-1	0.07	0.07	0.06	0.07	9.94	ppb
Lead	208-1	0.08	0.07	0.07	0.07	7.42	ppb
Lithium	6-1				92		%
Magnesium	24-2	-0.09	1.22	0.32	0.48	138.14	ppb

LB Number :	LB99425	Operator :	Jaswal
Lab Sample ID :	PB114975BL	Instrumnet Name :	P8
Client Sample ID :	PB114975BL	Dilution Factor :	1
Date & Time Acquired ::	2018-11-27 18:39:09	DataFile Name :	037SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	0.03	-0.01	-0.01	0.00	582.32	ppb
Molybdenum	94-1	0.07	0.02	0.03	0.04	55.62	ppb
Molybdenum	95-1	0.07	0.06	0.07	0.07	7.35	ppb
Molybdenum	96-1	0.05	0.03	0.06	0.05	36.01	ppb
Molybdenum	97-1	0.05	0.05	0.06	0.05	11.92	ppb
Molybdenum	98-1	0.05	0.03	0.04	0.04	18.70	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	-0.02	-0.02	0.00	-0.01		ppb
Phosphorus	31-2	-19.76	-9.37	3.16	-8.66		ppb
Potassium	39-2	-10.39	-32.20	-17.79	-20.13		ppb
Rhodium	103-1				97		%
Rhodium	103-2				112		%
Scandium	45-1				94		%
Scandium	45-2				107		%
Selenium	77-2	-2.01	-2.01	-2.01	-2.01		ppb
Selenium	78-2	-1.04	-0.66	-1.52	-1.07		ppb
Selenium	82-1	-0.80	-0.46	-0.13	-0.46		ppb
Silicon	28-1	3.19	-8.11	-4.59	-3.17		ppb
Silver	109-1	0.01	0.01	0.02	0.01	29.58	ppb
Silver	107-1	0.01	0.01	0.01	0.01	13.07	ppb
Sodium	23-2	21.56	11.91	17.10	16.86	28.67	ppb
Strontium	86-1	-0.02	-0.19	-0.02	-0.08		ppb
Strontium	88-1	0.00	0.00	0.00	0.00	292.76	ppb
Sulfur	34-1	614.62	-2903.42	-1486.14	-1258.31		ppb
Terbium	159-1				99		%
Terbium	159-2				113		%
Thallium	203-1	0.04	0.03	0.04	0.04	21.08	ppb
Thallium	205-1	0.04	0.02	0.03	0.03	20.24	ppb
Tin	118-1	0.01	0.00	0.01	0.01	78.06	ppb
Titanium	47-1	-0.08	0.06	-0.04	-0.02		ppb
Uranium	238-1	0.00	0.00	0.00	0.00		ppb
Vanadium	51-2	-0.01	0.00	-0.01	-0.01		ppb
Yttrium	89-1				96		%
Yttrium	89-2				110		%
Zinc	66-2	0.06	0.14	0.03	0.08	72.98	ppb

LB Number :	LB99425	Operator :	Jaswal
Lab Sample ID :	PB114975BL	Instrumnet Name :	P8
Client Sample ID :	PB114975BL	Dilution Factor :	1
Date & Time Acquired ::	2018-11-27 18:39:09	DataFile Name :	037SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	90-1	0.01	0.01	0.00	0.00	15.61	ppb
Zirconium	91-1	-0.02	-0.04	-0.01	-0.02		ppb

LB Number :	LB99425	Operator :	Jaswal
Lab Sample ID :	PB114975BS	Instrumnet Name :	P8
Client Sample ID :	PB114975BS	Dilution Factor :	1
Date & Time Acquired ::	2018-11-27 18:42:31	DataFile Name :	038SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	9448.21	9296.79	9390.73	9378.58	0.82	ppb
Antimony	121-1	517.95	518.17	518.70	518.28	0.07	ppb
Arsenic	75-2	494.11	497.60	503.33	498.35	0.93	ppb
Barium	135-1	2585.06	2589.94	2563.66	2579.55	0.54	ppb
Barium	137-1	2572.30	2577.75	2549.69	2566.58	0.58	ppb
Beryllium	9-1	486.96	494.76	496.87	492.86	1.06	ppb
Bismuth	209-1				111		%
Bismuth	209-2				106		%
Boron	10-1	479.12	493.92	506.46	493.17	2.78	ppb
Boron	11-1	478.32	489.49	504.66	490.83	2.69	ppb
Cadmium	111-1	509.53	510.10	512.75	510.79	0.34	ppb
Cadmium	106-1	508.12	511.62	501.26	507.00	1.04	ppb
Cadmium	108-1	508.76	507.39	505.19	507.11	0.35	ppb
Calcium	43-1	48275.63	48630.97	48480.38	48462.33	0.37	ppb
Calcium	44-1	48647.95	48797.00	48588.61	48677.85	0.22	ppb
Chromium	52-2	499.93	498.90	499.98	499.60	0.12	ppb
Cobalt	59-2	498.40	493.79	495.00	495.73	0.48	ppb
Copper	63-2	1023.62	997.43	988.53	1003.20	1.82	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				110		%
Holmium	165-2				108		%
Indium	115-1				105		%
Indium	115-2				100		%
Iron	56-2	25420.89	25007.50	25423.48	25283.96	0.95	ppb
Iron	57-2	25118.58	24978.36	24884.02	24993.66	0.47	ppb
Krypton	83-1	1796.88	3297.32	2676.09	2590.10	29.11	ppb
Lead	206-1	492.72	505.05	509.18	502.32	1.70	ppb
Lead	207-1	490.37	504.08	499.97	498.14	1.41	ppb
Lead	208-1	491.73	505.88	503.57	500.39	1.52	ppb
Lithium	6-1				99		%
Magnesium	24-2	51320.94	50485.11	51033.96	50946.67	0.83	ppb

LB Number :	LB99425	Operator :	Jaswal
Lab Sample ID :	PB114975BS	Instrumnet Name :	P8
Client Sample ID :	PB114975BS	Dilution Factor :	1
Date & Time Acquired ::	2018-11-27 18:42:31	DataFile Name :	038SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	1003.38	993.31	996.44	997.71	0.52	ppb
Molybdenum	94-1	2492.35	2484.84	2518.35	2498.51	0.70	ppb
Molybdenum	95-1	2468.84	2489.30	2493.89	2484.01	0.54	ppb
Molybdenum	96-1	2461.36	2457.32	2496.22	2471.63	0.87	ppb
Molybdenum	97-1	2499.52	2496.55	2522.92	2506.33	0.58	ppb
Molybdenum	98-1	2482.63	2478.99	2509.26	2490.29	0.66	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	500.68	494.77	495.70	497.05	0.64	ppb
Phosphorus	31-2	9330.47	9923.26	9373.95	9542.56	3.46	ppb
Potassium	39-2	24647.07	24331.05	24851.30	24609.81	1.07	ppb
Rhodium	103-1				102		%
Rhodium	103-2				103		%
Scandium	45-1				102		%
Scandium	45-2				100		%
Selenium	77-2	471.90	484.85	540.51	499.09	7.30	ppb
Selenium	78-2	509.62	489.17	505.34	501.38	2.15	ppb
Selenium	82-1	495.22	494.27	496.65	495.38	0.24	ppb
Silicon	28-1	499.14	501.75	493.99	498.29	0.79	ppb
Silver	109-1	521.76	522.67	526.10	523.51	0.44	ppb
Silver	107-1	520.13	520.56	515.96	518.88	0.49	ppb
Sodium	23-2	52423.32	51689.22	51817.29	51976.61	0.75	ppb
Strontium	86-1	489.37	485.88	496.95	490.73	1.15	ppb
Strontium	88-1	494.90	497.99	498.69	497.19	0.41	ppb
Sulfur	34-1	8576.60	8457.82	8014.64	8349.69	3.55	ppb
Terbium	159-1				110		%
Terbium	159-2				108		%
Thallium	203-1	501.10	513.91	508.14	507.72	1.26	ppb
Thallium	205-1	498.20	507.91	505.29	503.80	1.00	ppb
Tin	118-1	520.06	526.90	518.83	521.93	0.83	ppb
Titanium	47-1	2535.65	2504.40	2545.59	2528.55	0.85	ppb
Uranium	238-1	485.05	488.56	495.37	489.66	1.07	ppb
Vanadium	51-2	497.81	492.46	495.73	495.33	0.55	ppb
Yttrium	89-1				105		%
Yttrium	89-2				103		%
Zinc	66-2	956.08	945.12	952.03	951.08	0.58	ppb

LB Number :	LB99425	Operator :	Jaswal
Lab Sample ID :	PB114975BS	Instrumnet Name :	P8
Client Sample ID :	PB114975BS	Dilution Factor :	1
Date & Time Acquired ::	2018-11-27 18:42:31	DataFile Name :	038SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	90-1	499.71	498.26	506.88	501.62	0.92	ppb
Zirconium	91-1	482.70	478.37	485.84	482.30	0.78	ppb

LB Number :	LB99425	Operator :	Jaswal
Lab Sample ID :	J5999-05	Instrumnet Name :	P8
Client Sample ID :	SSSI-1115-S-AB-1	Dilution Factor :	1
Date & Time Acquired ::	2018-11-27 18:45:44	DataFile Name :	039SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	72531.82	71946.48	73632.15	72703.48	1.18	ppb
Antimony	121-1	0.83	0.75	0.87	0.82	7.50	ppb
Arsenic	75-2	37.88	37.85	37.25	37.66	0.95	ppb
Barium	135-1	685.77	654.07	647.09	662.31	3.11	ppb
Barium	137-1	687.20	663.80	659.93	670.31	2.20	ppb
Beryllium	9-1	4.89	4.80	4.93	4.87	1.32	ppb
Bismuth	209-1				102		%
Bismuth	209-2				99		%
Boron	10-1	113.17	106.17	108.13	109.16	3.31	ppb
Boron	11-1	112.75	107.17	110.91	110.28	2.58	ppb
Cadmium	111-1	3.85	3.45	3.82	3.71	5.94	ppb
Cadmium	106-1	14.72	11.48	15.09	13.76	14.44	ppb
Cadmium	108-1	7.50	6.52	7.87	7.30	9.55	ppb
Calcium	43-1	56500.36	54571.67	54121.16	55064.40	2.30	ppb
Calcium	44-1	56306.46	54663.87	54171.50	55047.28	2.03	ppb
Chromium	52-2	186.98	187.64	190.44	188.35	0.98	ppb
Cobalt	59-2	104.18	103.23	105.91	104.44	1.30	ppb
Copper	63-2	328.52	327.46	336.13	330.70	1.43	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				103		%
Holmium	165-2				103		%
Indium	115-1				97		%
Indium	115-2				97		%
Iron	56-2	147567.04	146397.46	148921.18	147628.56	0.86	ppb
Iron	57-2	147996.42	146973.73	150574.04	148514.73	1.25	ppb
Krypton	83-1	3014.82	2449.71	3065.94	2843.49	12.03	ppb
Lead	206-1	882.24	845.14	859.54	862.30	2.17	ppb
Lead	207-1	832.44	810.20	816.22	819.62	1.40	ppb
Lead	208-1	858.38	825.22	833.19	838.93	2.06	ppb
Lithium	6-1				92		%
Magnesium	24-2	71425.27	70729.93	71330.09	71161.76	0.53	ppb

LB Number :	LB99425	Operator :	Jaswal
Lab Sample ID :	J5999-05	Instrumnet Name :	P8
Client Sample ID :	SSSI-1115-S-AB-1	Dilution Factor :	1
Date & Time Acquired ::	2018-11-27 18:45:44	DataFile Name :	039SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	2479.92	2467.02	2506.21	2484.39	0.80	ppb
Molybdenum	94-1	81.44	77.55	78.78	79.26	2.51	ppb
Molybdenum	95-1	3.73	3.32	3.48	3.51	5.80	ppb
Molybdenum	96-1	13.32	12.99	12.82	13.04	1.96	ppb
Molybdenum	97-1	3.80	3.52	3.49	3.61	4.75	ppb
Molybdenum	98-1	3.60	3.55	3.61	3.59	0.80	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	898.58	905.60	918.87	907.68	1.13	ppb
Phosphorus	31-2	2569.16	2489.49	2606.31	2554.99	2.34	ppb
Potassium	39-2	6930.54	6864.33	7058.14	6951.01	1.42	ppb
Rhodium	103-1				95		%
Rhodium	103-2				97		%
Scandium	45-1				104		%
Scandium	45-2				105		%
Selenium	77-2	193.06	179.43	192.55	188.35	4.10	ppb
Selenium	78-2	27.50	33.14	25.51	28.72	13.77	ppb
Selenium	82-1	3.95	3.21	3.99	3.72	11.83	ppb
Silicon	28-1	5850.80	5602.33	5630.36	5694.50	2.39	ppb
Silver	109-1	1.07	0.97	1.00	1.02	4.92	ppb
Silver	107-1	1.10	1.04	1.03	1.06	3.54	ppb
Sodium	23-2	1464.18	1474.22	1495.62	1478.01	1.09	ppb
Strontium	86-1	102.97	100.56	99.84	101.12	1.62	ppb
Strontium	88-1	107.81	106.00	103.86	105.89	1.86	ppb
Sulfur	34-1	483.28	-680.63	-815.38	-337.58		ppb
Terbium	159-1				103		%
Terbium	159-2				103		%
Thallium	203-1	1.29	1.29	1.25	1.28	1.78	ppb
Thallium	205-1	1.33	1.29	1.30	1.31	1.53	ppb
Tin	118-1	8.74	8.42	8.23	8.47	3.05	ppb
Titanium	47-1	1908.55	1850.18	1848.73	1869.15	1.83	ppb
Uranium	238-1	8.91	8.35	8.61	8.62	3.22	ppb
Vanadium	51-2	213.24	213.47	218.89	215.20	1.49	ppb
Yttrium	89-1				127		%
Yttrium	89-2				129		%
Zinc	66-2	806.93	807.00	817.27	810.40	0.73	ppb

LB Number :	LB99425	Operator :	Jaswal
Lab Sample ID :	J5999-05	Instrumnet Name :	P8
Client Sample ID :	SSSI-1115-S-AB-1	Dilution Factor :	1
Date & Time Acquired ::	2018-11-27 18:45:44	DataFile Name :	039SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	90-1	51.75	50.52	50.31	50.86	1.53	ppb
Zirconium	91-1	50.45	48.44	50.09	49.66	2.16	ppb

LB Number :	LB99425	Operator :	Jaswal
Lab Sample ID :	J5999-07	Instrumnet Name :	P8
Client Sample ID :	SSSI-1115-S-AB-2	Dilution Factor :	1
Date & Time Acquired ::	2018-11-27 18:49:03	DataFile Name :	040SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	63340.09	56985.40	63602.69	61309.39	6.11	ppb
Antimony	121-1	1.67	1.66	2.06	1.80	12.66	ppb
Arsenic	75-2	47.29	44.15	47.56	46.33	4.09	ppb
Barium	135-1	1930.19	2074.46	2462.11	2155.59	12.76	ppb
Barium	137-1	1936.21	2062.82	2484.63	2161.22	13.29	ppb
Beryllium	9-1	5.60	5.48	6.88	5.99	12.94	ppb
Bismuth	209-1				100		%
Bismuth	209-2				108		%
Boron	10-1	220.09	222.55	275.37	239.34	13.05	ppb
Boron	11-1	215.35	229.91	267.59	237.61	11.35	ppb
Cadmium	111-1	7.02	7.80	9.35	8.06	14.68	ppb
Cadmium	106-1	26.55	28.35	35.93	30.28	16.44	ppb
Cadmium	108-1	15.40	18.19	20.43	18.01	14.00	ppb
Calcium	43-1	63518.97	68725.54	80526.43	70923.65	12.29	ppb
Calcium	44-1	63899.73	68768.78	80764.48	71144.33	12.20	ppb
Chromium	52-2	228.61	207.20	228.34	221.38	5.55	ppb
Cobalt	59-2	84.02	77.32	85.03	82.12	5.10	ppb
Copper	63-2	702.80	636.27	706.42	681.83	5.79	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				100		%
Holmium	165-2				112		%
Indium	115-1				96		%
Indium	115-2				107		%
Iron	56-2	152668.76	138534.12	153358.02	148186.97	5.65	ppb
Iron	57-2	154317.80	139461.18	155331.78	149703.59	5.93	ppb
Krypton	83-1	3164.19	2503.04	1547.95	2405.06	33.79	ppb
Lead	206-1	3355.62	3612.01	4306.26	3757.96	13.09	ppb
Lead	207-1	3182.30	3430.70	4107.97	3573.65	13.41	ppb
Lead	208-1	3283.16	3535.71	4228.01	3682.29	13.28	ppb
Lithium	6-1				92		%
Magnesium	24-2	40097.94	35800.09	40154.95	38684.33	6.46	ppb

LB Number :	LB99425	Operator :	Jaswal
Lab Sample ID :	J5999-07	Instrumnet Name :	P8
Client Sample ID :	SSSI-1115-S-AB-2	Dilution Factor :	1
Date & Time Acquired ::	2018-11-27 18:49:03	DataFile Name :	040SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	2661.98	2405.19	2676.00	2581.05	5.91	ppb
Molybdenum	94-1	173.26	188.29	213.34	191.63	10.57	ppb
Molybdenum	95-1	5.04	5.60	6.11	5.58	9.55	ppb
Molybdenum	96-1	25.97	27.20	31.55	28.24	10.39	ppb
Molybdenum	97-1	5.22	5.18	6.00	5.46	8.52	ppb
Molybdenum	98-1	5.12	5.24	6.15	5.50	10.21	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	374.23	339.56	375.03	362.94	5.58	ppb
Phosphorus	31-2	7439.24	7052.87	8283.22	7591.78	8.29	ppb
Potassium	39-2	7647.15	6751.16	7644.52	7347.61	7.03	ppb
Rhodium	103-1				95		%
Rhodium	103-2				107		%
Scandium	45-1				102		%
Scandium	45-2				113		%
Selenium	77-2	148.35	145.49	175.71	156.52	10.66	ppb
Selenium	78-2	24.77	19.56	24.05	22.79	12.39	ppb
Selenium	82-1	2.94	3.44	4.66	3.68	24.04	ppb
Silicon	28-1	6002.09	6449.49	7499.55	6650.38	11.56	ppb
Silver	109-1	2.98	3.17	3.73	3.29	11.75	ppb
Silver	107-1	3.09	3.27	3.97	3.44	13.52	ppb
Sodium	23-2	3390.72	3089.71	3389.92	3290.12	5.28	ppb
Strontium	86-1	181.03	192.23	223.71	198.99	11.12	ppb
Strontium	88-1	189.44	198.87	228.21	205.51	9.84	ppb
Sulfur	34-1	-3143.00	-2372.49	1174.99	-1446.83		ppb
Terbium	159-1				101		%
Terbium	159-2				113		%
Thallium	203-1	1.13	1.20	1.58	1.30	18.50	ppb
Thallium	205-1	1.13	1.22	1.39	1.25	10.39	ppb
Tin	118-1	20.78	22.92	27.38	23.69	14.20	ppb
Titanium	47-1	2062.69	2226.39	2630.92	2306.67	12.68	ppb
Uranium	238-1	6.28	6.71	8.00	7.00	12.75	ppb
Vanadium	51-2	251.97	226.67	250.43	243.03	5.84	ppb
Yttrium	89-1				124		%
Yttrium	89-2				136		%
Zinc	66-2	2636.85	2387.55	2643.15	2555.85	5.70	ppb

LB Number :	LB99425	Operator :	Jaswal
Lab Sample ID :	J5999-07	Instrumnet Name :	P8
Client Sample ID :	SSSI-1115-S-AB-2	Dilution Factor :	1
Date & Time Acquired ::	2018-11-27 18:49:03	DataFile Name :	040SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	90-1	116.58	122.21	140.85	126.55	10.03	ppb
Zirconium	91-1	110.22	117.11	134.72	120.68	10.47	ppb

LB Number :	LB99425	Operator :	Jaswal
Lab Sample ID :	J5999-09	Instrumnet Name :	P8
Client Sample ID :	SSSI-1116-S-AB-4	Dilution Factor :	1
Date & Time Acquired ::	2018-11-27 18:52:20	DataFile Name :	041SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	50818.16	52412.17	59110.99	54113.77	8.13	ppb
Antimony	121-1	0.74	0.72	0.67	0.71	4.78	ppb
Arsenic	75-2	50.70	50.90	54.91	52.17	4.55	ppb
Barium	135-1	947.51	960.21	956.34	954.69	0.68	ppb
Barium	137-1	973.69	999.02	975.59	982.77	1.44	ppb
Beryllium	9-1	3.75	3.90	3.77	3.81	2.23	ppb
Bismuth	209-1				105		%
Bismuth	209-2				99		%
Boron	10-1	37.16	39.97	38.14	38.42	3.72	ppb
Boron	11-1	36.90	36.61	38.11	37.20	2.13	ppb
Cadmium	111-1	4.46	4.49	4.64	4.53	2.13	ppb
Cadmium	106-1	10.63	11.47	12.28	11.46	7.20	ppb
Cadmium	108-1	6.75	5.65	5.82	6.07	9.72	ppb
Calcium	43-1	302998.43	311435.99	305749.60	306728.00	1.40	ppb
Calcium	44-1	300916.72	309191.53	305687.97	305265.41	1.36	ppb
Chromium	52-2	249.29	254.24	286.44	263.32	7.66	ppb
Cobalt	59-2	87.13	87.38	100.85	91.79	8.56	ppb
Copper	63-2	371.63	378.79	430.86	393.76	8.21	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				108		%
Holmium	165-2				105		%
Indium	115-1				104		%
Indium	115-2				99		%
Iron	56-2	117832.15	117603.51	135395.48	123610.38	8.26	ppb
Iron	57-2	119671.32	119286.80	136141.34	125033.16	7.70	ppb
Krypton	83-1	2360.32	2460.13	3899.23	2906.56	29.63	ppb
Lead	206-1	588.20	583.72	596.50	589.48	1.10	ppb
Lead	207-1	548.42	546.34	544.60	546.45	0.35	ppb
Lead	208-1	565.20	565.43	569.05	566.56	0.38	ppb
Lithium	6-1				97		%
Magnesium	24-2	161604.98	165164.55	185817.01	170862.18	7.65	ppb

LB Number :	LB99425	Operator :	Jaswal
Lab Sample ID :	J5999-09	Instrumnet Name :	P8
Client Sample ID :	SSSI-1116-S-AB-4	Dilution Factor :	1
Date & Time Acquired ::	2018-11-27 18:52:20	DataFile Name :	041SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	3433.35	3478.07	3963.40	3624.94	8.11	ppb
Molybdenum	94-1	45.46	46.21	45.55	45.74	0.89	ppb
Molybdenum	95-1	3.76	3.68	3.91	3.78	3.04	ppb
Molybdenum	96-1	8.93	9.23	8.74	8.97	2.75	ppb
Molybdenum	97-1	3.66	3.83	4.00	3.83	4.44	ppb
Molybdenum	98-1	3.73	3.81	3.75	3.76	1.12	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	569.33	577.60	658.06	601.66	8.15	ppb
Phosphorus	31-2	6880.32	7737.12	8237.80	7618.41	9.01	ppb
Potassium	39-2	8135.27	8438.22	9413.40	8662.29	7.71	ppb
Rhodium	103-1				100		%
Rhodium	103-2				98		%
Scandium	45-1				110		%
Scandium	45-2				106		%
Selenium	77-2	122.74	148.56	112.50	127.93	14.53	ppb
Selenium	78-2	22.36	25.19	25.94	24.50	7.70	ppb
Selenium	82-1	2.79	2.72	3.84	3.12	20.14	ppb
Silicon	28-1	5260.46	5399.09	5370.01	5343.19	1.37	ppb
Silver	109-1	1.16	1.17	1.11	1.15	3.01	ppb
Silver	107-1	1.14	1.20	1.16	1.17	2.47	ppb
Sodium	23-2	996.75	1020.53	1173.85	1063.71	9.04	ppb
Strontium	86-1	316.14	319.75	319.31	318.40	0.62	ppb
Strontium	88-1	323.93	325.99	322.79	324.24	0.50	ppb
Sulfur	34-1	1625.89	2238.72	1724.51	1863.04	17.66	ppb
Terbium	159-1				109		%
Terbium	159-2				105		%
Thallium	203-1	0.97	0.94	0.96	0.96	1.47	ppb
Thallium	205-1	0.94	0.93	0.92	0.93	1.46	ppb
Tin	118-1	4.36	4.60	4.30	4.42	3.51	ppb
Titanium	47-1	1427.51	1471.24	1445.70	1448.15	1.52	ppb
Uranium	238-1	7.42	7.57	7.43	7.47	1.12	ppb
Vanadium	51-2	200.81	205.02	231.49	212.44	7.83	ppb
Yttrium	89-1				132		%
Yttrium	89-2				129		%
Zinc	66-2	1247.21	1280.23	1444.64	1324.03	7.99	ppb

LB Number :	LB99425	Operator :	Jaswal
Lab Sample ID :	J5999-09	Instrumnet Name :	P8
Client Sample ID :	SSSI-1116-S-AB-4	Dilution Factor :	1
Date & Time Acquired ::	2018-11-27 18:52:20	DataFile Name :	041SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	90-1	28.22	28.89	27.94	28.35	1.73	ppb
Zirconium	91-1	27.40	28.01	27.89	27.76	1.17	ppb

LB Number :	LB99425	Operator :	Jaswal
Lab Sample ID :	J5999-10	Instrumnet Name :	P8
Client Sample ID :	SSSI-1116-S-AB-5	Dilution Factor :	1
Date & Time Acquired ::	2018-11-27 18:55:37	DataFile Name :	042SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	102304.49	102254.68	100775.61	101778.26	0.85	ppb
Antimony	121-1	0.14	0.14	0.15	0.14	2.97	ppb
Arsenic	75-2	21.71	21.49	20.37	21.19	3.39	ppb
Barium	135-1	452.45	466.52	508.02	475.66	6.07	ppb
Barium	137-1	460.22	474.71	518.12	484.35	6.22	ppb
Beryllium	9-1	6.66	7.07	7.45	7.06	5.60	ppb
Bismuth	209-1				114		%
Bismuth	209-2				108		%
Boron	10-1	19.91	17.79	18.62	18.77	5.68	ppb
Boron	11-1	19.37	20.22	20.41	20.00	2.76	ppb
Cadmium	111-1	1.13	1.34	1.43	1.30	11.82	ppb
Cadmium	106-1	9.30	10.93	11.98	10.74	12.59	ppb
Cadmium	108-1	3.61	4.31	4.91	4.28	15.18	ppb
Calcium	43-1	6133.58	6415.91	6701.73	6417.07	4.43	ppb
Calcium	44-1	6173.60	6531.48	6992.62	6565.90	6.25	ppb
Chromium	52-2	418.04	418.13	407.42	414.53	1.48	ppb
Cobalt	59-2	294.57	295.22	289.66	293.15	1.04	ppb
Copper	63-2	191.74	193.23	188.95	191.31	1.14	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				117		%
Holmium	165-2				113		%
Indium	115-1				112		%
Indium	115-2				106		%
Iron	56-2	162975.72	162781.03	159707.41	161821.38	1.13	ppb
Iron	57-2	163106.12	164950.20	161070.56	163042.29	1.19	ppb
Krypton	83-1	3725.55	4125.30	4543.39	4131.41	9.90	ppb
Lead	206-1	108.56	113.33	121.31	114.40	5.63	ppb
Lead	207-1	97.85	103.56	110.88	104.10	6.28	ppb
Lead	208-1	102.78	108.42	115.69	108.96	5.94	ppb
Lithium	6-1				104		%
Magnesium	24-2	43546.37	43619.42	42782.63	43316.14	1.07	ppb

LB Number :	LB99425	Operator :	Jaswal
Lab Sample ID :	J5999-10	Instrumnet Name :	P8
Client Sample ID :	SSSI-1116-S-AB-5	Dilution Factor :	1
Date & Time Acquired ::	2018-11-27 18:55:37	DataFile Name :	042SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	4820.07	4799.27	4687.92	4769.09	1.49	ppb
Molybdenum	94-1	59.31	62.24	65.12	62.22	4.66	ppb
Molybdenum	95-1	1.44	1.56	1.67	1.56	7.20	ppb
Molybdenum	96-1	8.93	8.82	9.54	9.10	4.25	ppb
Molybdenum	97-1	1.39	1.50	1.60	1.50	7.02	ppb
Molybdenum	98-1	1.43	1.52	1.56	1.51	4.41	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	1266.68	1265.82	1240.25	1257.58	1.19	ppb
Phosphorus	31-2	2113.41	2525.76	2249.18	2296.12	9.15	ppb
Potassium	39-2	11398.99	11344.59	11293.86	11345.82	0.46	ppb
Rhodium	103-1				110		%
Rhodium	103-2				106		%
Scandium	45-1				122		%
Scandium	45-2				116		%
Selenium	77-2	168.84	228.48	184.54	193.96	15.94	ppb
Selenium	78-2	32.54	31.10	32.43	32.02	2.50	ppb
Selenium	82-1	2.21	2.03	3.11	2.45	23.64	ppb
Silicon	28-1	7464.66	7859.75	8073.82	7799.41	3.96	ppb
Silver	109-1	0.25	0.23	0.24	0.24	4.79	ppb
Silver	107-1	0.27	0.30	0.32	0.30	8.29	ppb
Sodium	23-2	1008.66	1005.24	1010.20	1008.03	0.25	ppb
Strontium	86-1	41.99	42.33	44.90	43.07	3.70	ppb
Strontium	88-1	43.33	44.41	47.05	44.93	4.27	ppb
Sulfur	34-1	-9795.43	-10040.81	-9660.42	-9832.22		ppb
Terbium	159-1				119		%
Terbium	159-2				113		%
Thallium	203-1	1.37	1.56	1.66	1.53	9.74	ppb
Thallium	205-1	1.43	1.50	1.63	1.52	6.78	ppb
Tin	118-1	2.12	2.29	2.47	2.29	7.63	ppb
Titanium	47-1	2660.53	2719.09	2885.86	2755.16	4.24	ppb
Uranium	238-1	6.49	6.87	7.28	6.88	5.71	ppb
Vanadium	51-2	233.88	234.82	229.76	232.82	1.16	ppb
Yttrium	89-1				152		%
Yttrium	89-2				147		%
Zinc	66-2	465.33	470.36	461.75	465.81	0.93	ppb

LB Number :	LB99425	Operator :	Jaswal
Lab Sample ID :	J5999-10	Instrumnet Name :	P8
Client Sample ID :	SSSI-1116-S-AB-5	Dilution Factor :	1
Date & Time Acquired ::	2018-11-27 18:55:37	DataFile Name :	042SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	90-1	39.49	40.63	43.01	41.05	4.38	ppb
Zirconium	91-1	38.27	39.48	42.26	40.01	5.12	ppb

LB Number :	LB99425	Operator :	Jaswal
Lab Sample ID :	J5999-10DUP	Instrumnet Name :	P8
Client Sample ID :	SSSI-1116-S-AB-5DUP	Dilution Factor :	1
Date & Time Acquired ::	2018-11-27 18:58:56	DataFile Name :	043SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	107691.94	106563.21	108695.73	107650.29	0.99	ppb
Antimony	121-1	0.16	0.17	0.18	0.17	3.97	ppb
Arsenic	75-2	25.23	24.15	25.02	24.80	2.31	ppb
Barium	135-1	532.75	535.89	528.76	532.47	0.67	ppb
Barium	137-1	545.65	541.08	535.42	540.72	0.95	ppb
Beryllium	9-1	8.16	8.29	8.28	8.24	0.88	ppb
Bismuth	209-1				104		%
Bismuth	209-2				102		%
Boron	10-1	21.21	21.55	20.45	21.07	2.67	ppb
Boron	11-1	20.65	21.24	19.97	20.62	3.09	ppb
Cadmium	111-1	1.44	1.56	1.40	1.47	6.02	ppb
Cadmium	106-1	10.03	11.99	10.11	10.71	10.34	ppb
Cadmium	108-1	5.29	5.49	4.75	5.18	7.34	ppb
Calcium	43-1	6853.08	6955.75	6796.46	6868.43	1.18	ppb
Calcium	44-1	6977.09	7060.12	7010.53	7015.91	0.60	ppb
Chromium	52-2	508.73	505.96	517.88	510.86	1.22	ppb
Cobalt	59-2	284.26	282.99	288.04	285.09	0.92	ppb
Copper	63-2	197.63	196.62	198.71	197.65	0.53	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				107		%
Holmium	165-2				106		%
Indium	115-1				101		%
Indium	115-2				100		%
Iron	56-2	182555.18	181914.16	185306.10	183258.48	0.98	ppb
Iron	57-2	182589.84	181814.47	184624.26	183009.52	0.79	ppb
Krypton	83-1	2682.53	2169.72	3428.35	2760.20	22.93	ppb
Lead	206-1	127.16	129.50	128.45	128.37	0.91	ppb
Lead	207-1	114.52	117.60	116.31	116.14	1.33	ppb
Lead	208-1	120.70	123.41	121.74	121.95	1.12	ppb
Lithium	6-1				96		%
Magnesium	24-2	45126.51	44178.26	44847.26	44717.34	1.09	ppb

LB Number :	LB99425	Operator :	Jaswal
Lab Sample ID :	J5999-10DUP	Instrumnet Name :	P8
Client Sample ID :	SSSI-1116-S-AB-5DUP	Dilution Factor :	1
Date & Time Acquired ::	2018-11-27 18:58:56	DataFile Name :	043SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	5051.23	5017.90	5102.89	5057.34	0.85	ppb
Molybdenum	94-1	68.81	67.25	69.66	68.57	1.78	ppb
Molybdenum	95-1	1.77	1.66	1.77	1.73	3.58	ppb
Molybdenum	96-1	10.00	10.16	10.13	10.10	0.86	ppb
Molybdenum	97-1	1.68	1.82	1.65	1.71	5.22	ppb
Molybdenum	98-1	1.85	1.77	1.82	1.81	2.08	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	1272.58	1273.52	1290.28	1278.79	0.78	ppb
Phosphorus	31-2	2411.41	2416.30	2282.40	2370.04	3.20	ppb
Potassium	39-2	11349.80	11154.36	11482.10	11328.75	1.46	ppb
Rhodium	103-1				99		%
Rhodium	103-2				100		%
Scandium	45-1				112		%
Scandium	45-2				109		%
Selenium	77-2	219.88	191.09	225.45	212.14	8.69	ppb
Selenium	78-2	32.68	21.69	36.13	30.17	25.00	ppb
Selenium	82-1	2.61	2.67	2.75	2.68	2.63	ppb
Silicon	28-1	8830.29	8929.41	8757.55	8839.09	0.98	ppb
Silver	109-1	0.28	0.26	0.32	0.29	11.00	ppb
Silver	107-1	0.34	0.32	0.31	0.32	4.88	ppb
Sodium	23-2	1047.26	1032.73	1061.93	1047.31	1.39	ppb
Strontium	86-1	46.46	45.41	47.09	46.32	1.83	ppb
Strontium	88-1	47.54	47.54	47.67	47.58	0.16	ppb
Sulfur	34-1	-10209.60	-10152.01	-10401.37	-10254.33		ppb
Terbium	159-1				107		%
Terbium	159-2				107		%
Thallium	203-1	1.60	1.62	1.75	1.66	5.15	ppb
Thallium	205-1	1.58	1.67	1.58	1.61	3.11	ppb
Tin	118-1	2.50	2.55	2.53	2.53	0.98	ppb
Titanium	47-1	2839.38	2852.63	2798.66	2830.23	0.99	ppb
Uranium	238-1	7.80	7.99	7.92	7.90	1.22	ppb
Vanadium	51-2	249.96	246.27	253.68	249.97	1.48	ppb
Yttrium	89-1				140		%
Yttrium	89-2				140		%
Zinc	66-2	483.55	481.01	490.64	485.07	1.03	ppb

LB Number :	LB99425	Operator :	Jaswal
Lab Sample ID :	J5999-10DUP	Instrumnet Name :	P8
Client Sample ID :	SSSI-1116-S-AB-5DUP	Dilution Factor :	1
Date & Time Acquired ::	2018-11-27 18:58:56	DataFile Name :	043SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	90-1	44.68	44.71	45.27	44.89	0.74	ppb
Zirconium	91-1	43.07	43.99	44.56	43.87	1.71	ppb

LB Number :	LB99425	Operator :	Jaswal
Lab Sample ID :	J5999-10LX5	Instrumnet Name :	P8
Client Sample ID :	SSSI-1116-S-AB-5L	Dilution Factor :	5
Date & Time Acquired ::	2018-11-27 19:02:17	DataFile Name :	044SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	22016.77	22206.67	26328.81	23517.42	10.36	ppb
Antimony	121-1	0.04	0.05	0.05	0.05	20.69	ppb
Arsenic	75-2	5.01	5.38	6.20	5.53	11.00	ppb
Barium	135-1	101.54	101.85	102.52	101.97	0.49	ppb
Barium	137-1	103.03	101.83	105.34	103.40	1.72	ppb
Beryllium	9-1	1.68	1.39	1.70	1.59	11.06	ppb
Bismuth	209-1				110		%
Bismuth	209-2				106		%
Boron	10-1	6.07	4.88	7.01	5.98	17.89	ppb
Boron	11-1	6.47	6.36	6.06	6.30	3.37	ppb
Cadmium	111-1	0.30	0.26	0.29	0.28	6.01	ppb
Cadmium	106-1	1.95	2.05	2.25	2.09	7.31	ppb
Cadmium	108-1	0.83	0.96	1.08	0.96	12.60	ppb
Calcium	43-1	1464.80	1478.00	1408.47	1450.42	2.55	ppb
Calcium	44-1	1466.64	1473.03	1467.79	1469.15	0.23	ppb
Chromium	52-2	90.00	91.09	106.62	95.91	9.69	ppb
Cobalt	59-2	63.87	64.05	75.58	67.83	9.89	ppb
Copper	63-2	41.65	42.00	49.48	44.38	9.96	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				110		%
Holmium	165-2				107		%
Indium	115-1				109		%
Indium	115-2				104		%
Iron	56-2	35298.87	35609.51	41774.34	37560.91	9.72	ppb
Iron	57-2	34937.95	35292.71	41509.67	37246.78	9.92	ppb
Krypton	83-1	1840.61	4069.39	1227.07	2379.02	62.87	ppb
Lead	206-1	23.62	23.85	23.33	23.60	1.10	ppb
Lead	207-1	21.68	21.60	21.19	21.49	1.21	ppb
Lead	208-1	22.54	22.63	22.35	22.51	0.64	ppb
Lithium	6-1				99		%
Magnesium	24-2	9226.53	9335.87	11099.88	9887.43	10.63	ppb

LB Number :	LB99425	Operator :	Jaswal
Lab Sample ID :	J5999-10LX5	Instrumnet Name :	P8
Client Sample ID :	SSSI-1116-S-AB-5L	Dilution Factor :	5
Date & Time Acquired ::	2018-11-27 19:02:17	DataFile Name :	044SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	1028.58	1033.02	1204.06	1088.55	9.19	ppb
Molybdenum	94-1	15.65	15.52	16.09	15.75	1.90	ppb
Molybdenum	95-1	0.46	0.38	0.36	0.40	12.76	ppb
Molybdenum	96-1	2.30	2.36	2.44	2.37	2.96	ppb
Molybdenum	97-1	0.40	0.41	0.39	0.40	1.70	ppb
Molybdenum	98-1	0.39	0.39	0.42	0.40	4.73	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	273.95	278.68	323.56	292.07	9.37	ppb
Phosphorus	31-2	377.05	574.98	561.75	504.59	21.93	ppb
Potassium	39-2	2480.75	2512.72	2902.48	2631.98	8.92	ppb
Rhodium	103-1				107		%
Rhodium	103-2				105		%
Scandium	45-1				110		%
Scandium	45-2				104		%
Selenium	77-2	48.73	52.87	68.83	56.81	18.68	ppb
Selenium	78-2	6.54	4.16	10.32	7.01	44.36	ppb
Selenium	82-1	0.39	1.22	-0.29	0.44	171.93	ppb
Silicon	28-1	2220.88	2288.07	2212.04	2240.33	1.86	ppb
Silver	109-1	0.05	0.07	0.04	0.05	27.96	ppb
Silver	107-1	0.06	0.06	0.06	0.06	4.90	ppb
Sodium	23-2	223.82	233.81	288.14	248.59	13.92	ppb
Strontium	86-1	11.39	11.52	11.30	11.40	0.99	ppb
Strontium	88-1	11.65	11.62	11.48	11.59	0.76	ppb
Sulfur	34-1	-11021.43	-10974.76	-11105.74	-11033.98		ppb
Terbium	159-1				111		%
Terbium	159-2				106		%
Thallium	203-1	0.35	0.31	0.31	0.32	7.00	ppb
Thallium	205-1	0.34	0.32	0.34	0.33	3.61	ppb
Tin	118-1	0.49	0.49	0.47	0.48	2.14	ppb
Titanium	47-1	658.45	670.82	653.16	660.81	1.37	ppb
Uranium	238-1	1.43	1.37	1.36	1.39	2.71	ppb
Vanadium	51-2	50.04	51.22	59.71	53.66	9.83	ppb
Yttrium	89-1				117		%
Yttrium	89-2				113		%
Zinc	66-2	100.23	105.16	121.86	109.08	10.39	ppb

LB Number :	LB99425	Operator :	Jaswal
Lab Sample ID :	J5999-10LX5	Instrumnet Name :	P8
Client Sample ID :	SSSI-1116-S-AB-5L	Dilution Factor :	5
Date & Time Acquired ::	2018-11-27 19:02:17	DataFile Name :	044SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	90-1	10.47	10.46	10.40	10.44	0.35	ppb
Zirconium	91-1	10.08	10.01	10.22	10.10	1.05	ppb

LB Number :	LB99425	Operator :	Jaswal
Lab Sample ID :	J5999-10MS	Instrumnet Name :	P8
Client Sample ID :	SSSI-1116-S-AB-5MS	Dilution Factor :	1
Date & Time Acquired ::	2018-11-27 19:05:38	DataFile Name :	045SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	127004.96	124442.07	123939.68	125128.90	1.31	ppb
Antimony	121-1	58.27	58.06	58.73	58.35	0.59	ppb
Arsenic	75-2	337.21	337.46	338.84	337.84	0.26	ppb
Barium	135-1	3062.52	3069.42	3073.35	3068.43	0.18	ppb
Barium	137-1	3062.33	3075.78	3083.57	3073.89	0.35	ppb
Beryllium	9-1	478.37	485.11	481.62	481.70	0.70	ppb
Bismuth	209-1				106		%
Bismuth	209-2				103		%
Boron	10-1	464.86	486.17	488.27	479.77	2.70	ppb
Boron	11-1	469.70	485.83	486.86	480.80	2.00	ppb
Cadmium	111-1	479.91	489.22	486.87	485.34	1.00	ppb
Cadmium	106-1	489.00	489.25	491.06	489.77	0.23	ppb
Cadmium	108-1	486.91	488.43	492.28	489.21	0.57	ppb
Calcium	43-1	48940.94	50279.34	49046.30	49422.19	1.51	ppb
Calcium	44-1	49287.51	50334.04	49167.04	49596.20	1.29	ppb
Chromium	52-2	988.94	983.57	987.07	986.53	0.28	ppb
Cobalt	59-2	713.23	710.02	714.90	712.72	0.35	ppb
Copper	63-2	1004.53	994.16	995.32	998.01	0.57	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				109		%
Holmium	165-2				111		%
Indium	115-1				102		%
Indium	115-2				100		%
Iron	56-2	232876.97	232474.65	231793.30	232381.64	0.24	ppb
Iron	57-2	232509.75	233284.88	229986.08	231926.90	0.74	ppb
Krypton	83-1	3189.07	4743.73	3355.92	3762.91	22.68	ppb
Lead	206-1	651.58	649.72	661.31	654.21	0.95	ppb
Lead	207-1	627.73	625.54	634.75	629.34	0.76	ppb
Lead	208-1	637.93	641.33	646.26	641.84	0.65	ppb
Lithium	6-1				97		%
Magnesium	24-2	90068.78	90360.56	90987.71	90472.35	0.52	ppb

LB Number :	LB99425	Operator :	Jaswal
Lab Sample ID :	J5999-10MS	Instrumnet Name :	P8
Client Sample ID :	SSSI-1116-S-AB-5MS	Dilution Factor :	1
Date & Time Acquired ::	2018-11-27 19:05:38	DataFile Name :	045SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	5912.36	5790.91	5819.69	5840.98	1.09	ppb
Molybdenum	94-1	1670.00	1636.02	1656.59	1654.20	1.03	ppb
Molybdenum	95-1	1537.23	1548.13	1543.27	1542.88	0.35	ppb
Molybdenum	96-1	1557.50	1550.49	1543.89	1550.62	0.44	ppb
Molybdenum	97-1	1561.41	1557.30	1550.21	1556.31	0.36	ppb
Molybdenum	98-1	1566.80	1552.14	1550.94	1556.63	0.57	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	2445.13	2481.09	2447.44	2457.88	0.82	ppb
Phosphorus	31-2	2929.03	2878.26	3008.86	2938.72	2.24	ppb
Potassium	39-2	34803.71	34553.15	35000.66	34785.84	0.64	ppb
Rhodium	103-1				99		%
Rhodium	103-2				101		%
Scandium	45-1				119		%
Scandium	45-2				120		%
Selenium	77-2	470.67	529.13	486.92	495.58	6.09	ppb
Selenium	78-2	322.65	339.79	334.53	332.32	2.64	ppb
Selenium	82-1	286.34	287.39	284.84	286.19	0.45	ppb
Silicon	28-1	7276.03	7342.56	7228.10	7282.23	0.79	ppb
Silver	109-1	38.21	38.56	39.10	38.63	1.17	ppb
Silver	107-1	38.91	38.80	39.58	39.10	1.08	ppb
Sodium	23-2	41979.81	41741.67	41950.38	41890.62	0.31	ppb
Strontium	86-1	385.46	389.72	389.98	388.39	0.65	ppb
Strontium	88-1	390.43	396.02	392.76	393.07	0.71	ppb
Sulfur	34-1	-9979.17	-9972.07	-10310.92	-10087.38		ppb
Terbium	159-1				110		%
Terbium	159-2				110		%
Thallium	203-1	502.14	497.30	507.41	502.28	1.01	ppb
Thallium	205-1	493.77	496.40	501.07	497.08	0.74	ppb
Tin	118-1	378.93	388.34	382.81	383.36	1.23	ppb
Titanium	47-1	7125.81	7247.29	7091.76	7154.95	1.14	ppb
Uranium	238-1	495.03	502.02	509.82	502.29	1.47	ppb
Vanadium	51-2	736.39	729.94	735.54	733.96	0.48	ppb
Yttrium	89-1				149		%
Yttrium	89-2				148		%
Zinc	66-2	1315.08	1304.80	1311.01	1310.30	0.40	ppb

LB Number :	LB99425	Operator :	Jaswal
Lab Sample ID :	J5999-10MS	Instrumnet Name :	P8
Client Sample ID :	SSSI-1116-S-AB-5MS	Dilution Factor :	1
Date & Time Acquired ::	2018-11-27 19:05:38	DataFile Name :	045SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	90-1	376.52	376.26	378.75	377.18	0.36	ppb
Zirconium	91-1	365.35	365.67	366.50	365.84	0.16	ppb

LB Number :	LB99425	Operator :	Jaswal
Lab Sample ID :	J5999-10MSD	Instrumnet Name :	P8
Client Sample ID :	SSSI-1116-S-AB-5MSD	Dilution Factor :	1
Date & Time Acquired ::	2018-11-27 19:08:50	DataFile Name :	046SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	125089.72	124495.46	126933.61	125506.26	1.01	ppb
Antimony	121-1	56.12	56.70	56.87	56.56	0.69	ppb
Arsenic	75-2	340.99	345.19	343.54	343.24	0.62	ppb
Barium	135-1	3056.86	3031.00	3019.16	3035.67	0.64	ppb
Barium	137-1	3072.68	3079.68	3067.60	3073.32	0.20	ppb
Beryllium	9-1	474.22	471.74	478.60	474.85	0.73	ppb
Bismuth	209-1				105		%
Bismuth	209-2				104		%
Boron	10-1	475.94	464.12	484.66	474.91	2.17	ppb
Boron	11-1	472.20	472.77	477.19	474.05	0.58	ppb
Cadmium	111-1	475.36	473.52	475.69	474.86	0.25	ppb
Cadmium	106-1	475.81	477.19	473.02	475.34	0.45	ppb
Cadmium	108-1	474.09	476.54	476.91	475.85	0.32	ppb
Calcium	43-1	49536.22	49886.86	49625.23	49682.77	0.37	ppb
Calcium	44-1	49999.41	50636.63	49743.09	50126.38	0.92	ppb
Chromium	52-2	1005.90	1011.72	1017.31	1011.65	0.56	ppb
Cobalt	59-2	815.08	831.48	830.62	825.73	1.12	ppb
Copper	63-2	996.23	987.08	1010.30	997.87	1.17	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				109		%
Holmium	165-2				109		%
Indium	115-1				101		%
Indium	115-2				99		%
Iron	56-2	213088.07	214098.81	215486.54	214224.48	0.56	ppb
Iron	57-2	212252.35	213720.69	213394.02	213122.35	0.36	ppb
Krypton	83-1	2013.58	2388.96	3186.94	2529.83	23.69	ppb
Lead	206-1	661.99	666.31	660.96	663.09	0.43	ppb
Lead	207-1	629.65	644.21	620.46	631.44	1.90	ppb
Lead	208-1	645.30	652.54	640.65	646.16	0.93	ppb
Lithium	6-1				96		%
Magnesium	24-2	131448.19	131626.14	133607.42	132227.25	0.91	ppb

LB Number :	LB99425	Operator :	Jaswal
Lab Sample ID :	J5999-10MSD	Instrumnet Name :	P8
Client Sample ID :	SSSI-1116-S-AB-5MSD	Dilution Factor :	1
Date & Time Acquired ::	2018-11-27 19:08:50	DataFile Name :	046SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	8462.76	8504.50	8545.44	8504.23	0.49	ppb
Molybdenum	94-1	1664.23	1660.59	1680.28	1668.37	0.63	ppb
Molybdenum	95-1	1560.41	1553.24	1577.72	1563.79	0.80	ppb
Molybdenum	96-1	1579.17	1561.91	1572.62	1571.23	0.55	ppb
Molybdenum	97-1	1589.80	1563.86	1571.60	1575.09	0.85	ppb
Molybdenum	98-1	1564.61	1552.57	1582.79	1566.66	0.97	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	2312.97	2328.35	2340.56	2327.30	0.59	ppb
Phosphorus	31-2	2618.44	3083.08	2916.39	2872.64	8.19	ppb
Potassium	39-2	30891.54	31013.08	31477.87	31127.50	0.99	ppb
Rhodium	103-1				98		%
Rhodium	103-2				100		%
Scandium	45-1				114		%
Scandium	45-2				114		%
Selenium	77-2	470.14	463.28	461.46	464.96	0.98	ppb
Selenium	78-2	316.29	332.42	336.05	328.26	3.20	ppb
Selenium	82-1	287.41	284.56	286.49	286.15	0.51	ppb
Silicon	28-1	5431.12	5410.00	5379.15	5406.76	0.48	ppb
Silver	109-1	36.28	35.58	36.21	36.02	1.07	ppb
Silver	107-1	35.87	36.07	36.54	36.16	0.95	ppb
Sodium	23-2	43830.89	43422.94	44090.07	43781.30	0.77	ppb
Strontium	86-1	400.74	393.40	399.45	397.86	0.98	ppb
Strontium	88-1	408.25	402.23	407.28	405.92	0.80	ppb
Sulfur	34-1	-9297.95	-9219.45	-9386.88	-9301.42		ppb
Terbium	159-1				110		%
Terbium	159-2				109		%
Thallium	203-1	495.91	498.23	490.49	494.88	0.80	ppb
Thallium	205-1	488.27	494.00	487.09	489.79	0.75	ppb
Tin	118-1	392.61	392.14	395.50	393.42	0.46	ppb
Titanium	47-1	4841.38	4809.96	4797.65	4816.33	0.47	ppb
Uranium	238-1	490.41	499.87	488.15	492.81	1.26	ppb
Vanadium	51-2	654.78	657.04	664.39	658.74	0.76	ppb
Yttrium	89-1				142		%
Yttrium	89-2				140		%
Zinc	66-2	1250.76	1249.25	1257.84	1252.62	0.37	ppb

LB Number :	LB99425	Operator :	Jaswal
Lab Sample ID :	J5999-10MSD	Instrumnet Name :	P8
Client Sample ID :	SSSI-1116-S-AB-5MSD	Dilution Factor :	1
Date & Time Acquired ::	2018-11-27 19:08:50	DataFile Name :	046SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	90-1	387.20	379.23	387.20	384.54	1.20	ppb
Zirconium	91-1	368.86	366.99	366.88	367.58	0.30	ppb

LB Number :	LB99425	Operator :	Jaswal
Lab Sample ID :	CCV70	Instrumnet Name :	P8
Client Sample ID :	CCV70	Dilution Factor :	1
Date & Time Acquired ::	2018-11-27 19:13:38	DataFile Name :	047CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	48422.87	48421.71	49056.30	48633.63	0.75	ppb
Antimony	121-1	512.82	539.84	501.23	517.97	3.82	ppb
Arsenic	75-2	487.18	486.01	473.14	482.11	1.62	ppb
Barium	135-1	2607.33	2683.08	2539.70	2610.04	2.75	ppb
Barium	137-1	2586.25	2711.44	2555.18	2617.62	3.16	ppb
Beryllium	9-1	515.04	537.67	508.70	520.47	2.93	ppb
Bismuth	209-1				103		%
Bismuth	209-2				103		%
Boron	10-1	517.37	548.97	535.35	533.90	2.97	ppb
Boron	11-1	517.05	541.60	523.15	527.27	2.42	ppb
Cadmium	111-1	500.09	520.18	489.15	503.14	3.13	ppb
Cadmium	106-1	493.40	523.69	484.88	500.66	4.07	ppb
Cadmium	108-1	499.42	517.02	489.25	501.90	2.80	ppb
Calcium	43-1	252487.71	256837.07	250204.95	253176.58	1.33	ppb
Calcium	44-1	250235.09	258234.54	249149.50	252539.71	1.96	ppb
Chromium	52-2	493.40	502.49	501.89	499.26	1.02	ppb
Cobalt	59-2	476.77	479.28	476.31	477.45	0.33	ppb
Copper	63-2	937.11	966.01	967.03	956.72	1.78	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				105		%
Holmium	165-2				109		%
Indium	115-1				99		%
Indium	115-2				100		%
Iron	56-2	120891.56	122621.66	120751.78	121421.67	0.86	ppb
Iron	57-2	122265.46	123237.78	123644.71	123049.32	0.58	ppb
Krypton	83-1	257.76	314.78	551.43	374.66	41.56	ppb
Lead	206-1	514.48	540.87	507.16	520.84	3.40	ppb
Lead	207-1	512.48	542.74	508.85	521.35	3.57	ppb
Lead	208-1	517.80	540.27	510.74	522.94	2.95	ppb
Lithium	6-1				91		%
Magnesium	24-2	240188.82	240449.51	243567.21	241401.85	0.78	ppb

LB Number :	LB99425	Operator :	Jaswal
Lab Sample ID :	CCV70	Instrumnet Name :	P8
Client Sample ID :	CCV70	Dilution Factor :	1
Date & Time Acquired ::	2018-11-27 19:13:38	DataFile Name :	047CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	964.50	969.11	974.90	969.50	0.54	ppb
Molybdenum	94-1	2558.54	2635.27	2495.76	2563.19	2.73	ppb
Molybdenum	95-1	2547.94	2642.76	2499.28	2563.32	2.85	ppb
Molybdenum	96-1	2541.83	2644.15	2459.40	2548.46	3.63	ppb
Molybdenum	97-1	2553.61	2652.52	2490.37	2565.50	3.19	ppb
Molybdenum	98-1	2533.53	2652.12	2478.94	2554.86	3.47	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	482.53	488.78	490.89	487.40	0.89	ppb
Phosphorus	31-2	9526.46	9041.98	9586.21	9384.88	3.18	ppb
Potassium	39-2	121572.10	121299.46	122680.14	121850.57	0.60	ppb
Rhodium	103-1				95		%
Rhodium	103-2				100		%
Scandium	45-1				97		%
Scandium	45-2				101		%
Selenium	77-2	431.91	448.97	464.76	448.55	3.66	ppb
Selenium	78-2	472.08	477.31	460.73	470.04	1.80	ppb
Selenium	82-1	494.31	514.85	482.54	497.23	3.29	ppb
Silicon	28-1	601.60	629.33	620.41	617.11	2.29	ppb
Silver	109-1	512.97	528.04	498.61	513.21	2.87	ppb
Silver	107-1	508.22	530.59	496.48	511.76	3.39	ppb
Sodium	23-2	242850.39	243003.96	245063.70	243639.35	0.51	ppb
Strontium	86-1	506.62	519.12	491.92	505.88	2.69	ppb
Strontium	88-1	511.88	535.45	497.92	515.09	3.68	ppb
Sulfur	34-1	8965.52	9406.20	8069.60	8813.77	7.73	ppb
Terbium	159-1				107		%
Terbium	159-2				109		%
Thallium	203-1	527.07	552.18	517.53	532.26	3.36	ppb
Thallium	205-1	520.24	547.46	518.79	528.83	3.05	ppb
Tin	118-1	527.59	549.45	508.25	528.43	3.90	ppb
Titanium	47-1	2584.99	2668.94	2563.48	2605.80	2.14	ppb
Uranium	238-1	518.74	535.11	504.30	519.39	2.97	ppb
Vanadium	51-2	483.08	485.64	486.86	485.20	0.40	ppb
Yttrium	89-1				101		%
Yttrium	89-2				103		%
Zinc	66-2	900.70	908.84	918.46	909.33	0.98	ppb

LB Number :	LB99425	Operator :	Jaswal
Lab Sample ID :	CCV70	Instrumnet Name :	P8
Client Sample ID :	CCV70	Dilution Factor :	1
Date & Time Acquired ::	2018-11-27 19:13:38	DataFile Name :	047CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	90-1	520.53	538.05	510.02	522.87	2.71	ppb
Zirconium	91-1	501.80	520.87	486.80	503.16	3.39	ppb

LB Number : LB99425 Operator : Jaswal
 Lab Sample ID : CCB70 Instrumnet Name : P8
 Client Sample ID : CCB70 Dilution Factor : 1
 Date & Time Acquired :: 2018-11-27 19:18:50 DataFile Name : 048CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	2.43	0.43	0.48	1.11	102.66	ppb
Antimony	121-1	0.18	0.17	0.23	0.19	17.33	ppb
Arsenic	75-2	0.10	0.03	0.03	0.05	64.39	ppb
Barium	135-1	0.01	0.03	0.03	0.02	47.01	ppb
Barium	137-1	0.03	0.02	0.04	0.03	37.79	ppb
Beryllium	9-1	0.13	0.09	0.11	0.11	16.23	ppb
Bismuth	209-1				101		%
Bismuth	209-2				106		%
Boron	10-1	9.96	8.40	11.91	10.09	17.45	ppb
Boron	11-1	8.26	7.86	8.48	8.20	3.86	ppb
Cadmium	111-1	-0.05	-0.06	-0.18	-0.10		ppb
Cadmium	106-1	-1.12	-0.96	-2.73	-1.60		ppb
Cadmium	108-1	0.02	-0.03	0.07	0.02	277.99	ppb
Calcium	43-1	0.38	-4.25	-2.12	-2.00		ppb
Calcium	44-1	5.93	3.20	6.04	5.06	31.77	ppb
Chromium	52-2	0.17	-0.07	0.13	0.08	168.40	ppb
Cobalt	59-2	-0.02	-0.01	-0.01	-0.01		ppb
Copper	63-2	0.06	0.03	0.07	0.05	31.82	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				98		%
Holmium	165-2				105		%
Indium	115-1				95		%
Indium	115-2				101		%
Iron	56-2	1.57	1.09	1.28	1.31	18.21	ppb
Iron	57-2	-1.10	0.41	0.48	-0.07		ppb
Krypton	83-1	-2488.45	1919.10	-3193.09	-1254.15		ppb
Lead	206-1	0.25	0.19	0.24	0.23	13.02	ppb
Lead	207-1	0.21	0.17	0.20	0.20	11.42	ppb
Lead	208-1	0.23	0.19	0.21	0.21	9.16	ppb
Lithium	6-1				88		%
Magnesium	24-2	3.00	1.72	2.49	2.41	26.76	ppb

LB Number :	LB99425	Operator :	Jaswal
Lab Sample ID :	CCB70	Instrumnet Name :	P8
Client Sample ID :	CCB70	Dilution Factor :	1
Date & Time Acquired ::	2018-11-27 19:18:50	DataFile Name :	048CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	0.14	0.04	0.00	0.06	118.04	ppb
Molybdenum	94-1	0.11	0.10	0.13	0.12	13.55	ppb
Molybdenum	95-1	0.14	0.16	0.18	0.16	13.94	ppb
Molybdenum	96-1	0.15	0.12	0.16	0.14	13.65	ppb
Molybdenum	97-1	0.14	0.14	0.18	0.15	13.88	ppb
Molybdenum	98-1	0.17	0.13	0.18	0.16	14.96	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.00	0.05	0.02	0.02	119.20	ppb
Phosphorus	31-2	-19.76	4.66	-19.76	-11.62		ppb
Potassium	39-2	-12.12	-4.56	-5.25	-7.31		ppb
Rhodium	103-1				94		%
Rhodium	103-2				103		%
Scandium	45-1				90		%
Scandium	45-2				96		%
Selenium	77-2	-2.01	-2.01	-2.01	-2.01		ppb
Selenium	78-2	-0.50	-0.51	-1.02	-0.68		ppb
Selenium	82-1	-1.10	0.56	0.10	-0.15		ppb
Silicon	28-1	-1.89	-4.75	-0.87	-2.50		ppb
Silver	109-1	0.04	0.03	0.04	0.04	20.41	ppb
Silver	107-1	0.02	0.04	0.06	0.04	41.41	ppb
Sodium	23-2	55.44	43.13	53.26	50.61	12.98	ppb
Strontium	86-1	-0.04	-0.09	-0.09	-0.08		ppb
Strontium	88-1	0.00	0.00	0.00	0.00	36.89	ppb
Sulfur	34-1	-2641.18	-3312.82	-2124.95	-2692.98		ppb
Terbium	159-1				98		%
Terbium	159-2				105		%
Thallium	203-1	0.18	0.14	0.16	0.16	13.12	ppb
Thallium	205-1	0.21	0.17	0.19	0.19	9.72	ppb
Tin	118-1	0.01	0.04	0.03	0.03	59.57	ppb
Titanium	47-1	0.06	-0.05	-0.07	-0.02		ppb
Uranium	238-1	0.00	0.00	0.01	0.00	21.18	ppb
Vanadium	51-2	-0.01	-0.01	-0.01	-0.01		ppb
Yttrium	89-1				95		%
Yttrium	89-2				100		%
Zinc	66-2	0.55	0.33	0.39	0.42	26.31	ppb

LB Number :	LB99425	Operator :	Jaswal
Lab Sample ID :	CCB70	Instrumnet Name :	P8
Client Sample ID :	CCB70	Dilution Factor :	1
Date & Time Acquired ::	2018-11-27 19:18:50	DataFile Name :	048CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	90-1	0.02	0.01	0.01	0.01	47.33	ppb
Zirconium	91-1	0.00	0.01	0.00	0.00		ppb

LB Number :	LB99425	Operator :	Jaswal
Lab Sample ID :	J5999-10A	Instrumnet Name :	P8
Client Sample ID :	SSSI-1116-S-AB-5A	Dilution Factor :	1
Date & Time Acquired ::	2018-11-27 19:22:12	DataFile Name :	049SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	131349.72	126345.77	124093.79	127263.09	2.92	ppb
Antimony	121-1	57.85	57.91	58.29	58.01	0.41	ppb
Arsenic	75-2	341.98	330.11	334.62	335.57	1.79	ppb
Barium	135-1	3115.21	3049.23	3055.95	3073.46	1.18	ppb
Barium	137-1	3126.84	3097.48	3064.31	3096.21	1.01	ppb
Beryllium	9-1	480.71	475.04	478.96	478.24	0.61	ppb
Bismuth	209-1				100		%
Bismuth	209-2				102		%
Boron	10-1	471.22	477.72	484.22	477.72	1.36	ppb
Boron	11-1	478.83	472.71	487.55	479.70	1.55	ppb
Cadmium	111-1	486.16	481.48	479.50	482.38	0.71	ppb
Cadmium	106-1	480.56	491.16	489.31	487.01	1.16	ppb
Cadmium	108-1	483.15	480.84	486.26	483.42	0.56	ppb
Calcium	43-1	49925.21	49311.74	50166.17	49801.04	0.88	ppb
Calcium	44-1	50571.03	49062.90	50438.56	50024.16	1.67	ppb
Chromium	52-2	1037.32	991.13	987.51	1005.32	2.76	ppb
Cobalt	59-2	767.24	740.50	741.12	749.62	2.04	ppb
Copper	63-2	1035.69	995.14	982.24	1004.35	2.78	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				105		%
Holmium	165-2				108		%
Indium	115-1				97		%
Indium	115-2				99		%
Iron	56-2	233941.13	225774.96	223697.62	227804.57	2.38	ppb
Iron	57-2	233481.42	224555.87	223071.94	227036.41	2.48	ppb
Krypton	83-1	-1733.60	668.96	1635.98	190.45	911.02	ppb
Lead	206-1	674.72	677.12	665.76	672.53	0.89	ppb
Lead	207-1	634.06	641.74	632.43	636.08	0.78	ppb
Lead	208-1	653.67	656.04	648.22	652.64	0.62	ppb
Lithium	6-1				95		%
Magnesium	24-2	109456.54	104697.13	105120.37	106424.68	2.48	ppb

LB Number :	LB99425	Operator :	Jaswal
Lab Sample ID :	J5999-10A	Instrumnet Name :	P8
Client Sample ID :	SSSI-1116-S-AB-5A	Dilution Factor :	1
Date & Time Acquired ::	2018-11-27 19:22:12	DataFile Name :	049SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	7040.39	6796.01	6680.31	6838.90	2.69	ppb
Molybdenum	94-1	1691.70	1688.99	1664.14	1681.61	0.90	ppb
Molybdenum	95-1	1564.32	1566.42	1561.24	1563.99	0.17	ppb
Molybdenum	96-1	1578.14	1580.73	1565.82	1574.90	0.51	ppb
Molybdenum	97-1	1586.89	1563.73	1567.05	1572.56	0.80	ppb
Molybdenum	98-1	1561.73	1565.70	1560.27	1562.57	0.18	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	2489.71	2414.87	2377.70	2427.42	2.35	ppb
Phosphorus	31-2	3012.11	2820.06	2875.97	2902.71	3.40	ppb
Potassium	39-2	34872.93	33550.66	33464.91	33962.84	2.32	ppb
Rhodium	103-1				94		%
Rhodium	103-2				99		%
Scandium	45-1				112		%
Scandium	45-2				115		%
Selenium	77-2	520.11	530.53	451.15	500.60	8.62	ppb
Selenium	78-2	312.18	310.33	323.97	315.49	2.34	ppb
Selenium	82-1	290.69	286.73	283.08	286.83	1.33	ppb
Silicon	28-1	6993.61	6851.76	6915.71	6920.36	1.03	ppb
Silver	109-1	38.09	37.45	38.05	37.86	0.95	ppb
Silver	107-1	38.51	38.22	38.20	38.31	0.45	ppb
Sodium	23-2	44518.52	43038.09	42530.66	43362.42	2.38	ppb
Strontium	86-1	394.82	394.09	394.46	394.46	0.09	ppb
Strontium	88-1	402.07	400.99	404.10	402.39	0.39	ppb
Sulfur	34-1	-6986.43	-7829.27	-8027.08	-7614.26		ppb
Terbium	159-1				105		%
Terbium	159-2				108		%
Thallium	203-1	506.68	504.98	501.02	504.23	0.58	ppb
Thallium	205-1	502.46	506.54	500.94	503.32	0.58	ppb
Tin	118-1	381.92	379.61	382.02	381.18	0.36	ppb
Titanium	47-1	6490.57	6303.80	6483.23	6425.86	1.65	ppb
Uranium	238-1	510.19	503.95	504.94	506.36	0.66	ppb
Vanadium	51-2	734.60	704.48	703.33	714.14	2.48	ppb
Yttrium	89-1				140		%
Yttrium	89-2				143		%
Zinc	66-2	1335.23	1282.61	1271.29	1296.38	2.63	ppb

LB Number :	LB99425	Operator :	Jaswal
Lab Sample ID :	J5999-10A	Instrumnet Name :	P8
Client Sample ID :	SSSI-1116-S-AB-5A	Dilution Factor :	1
Date & Time Acquired ::	2018-11-27 19:22:12	DataFile Name :	049SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	90-1	382.07	381.84	384.14	382.68	0.33	ppb
Zirconium	91-1	371.39	374.38	368.07	371.28	0.85	ppb

LB Number :	LB99425	Operator :	Jaswal
Lab Sample ID :	J5999-05DLX5	Instrumnet Name :	P8
Client Sample ID :	SSSI-1115-S-AB-1DL	Dilution Factor :	5
Date & Time Acquired ::	2018-11-27 19:25:25	DataFile Name :	050SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	16595.77	15470.49	15816.20	15960.82	3.61	ppb
Antimony	121-1	0.14	0.15	0.17	0.15	8.27	ppb
Arsenic	75-2	9.24	9.07	9.14	9.15	0.92	ppb
Barium	135-1	135.77	136.65	135.04	135.82	0.59	ppb
Barium	137-1	137.46	135.81	136.14	136.47	0.64	ppb
Beryllium	9-1	1.07	1.12	0.99	1.06	6.06	ppb
Bismuth	209-1				106		%
Bismuth	209-2				107		%
Boron	10-1	31.24	27.61	31.91	30.25	7.65	ppb
Boron	11-1	30.48	31.06	29.97	30.50	1.78	ppb
Cadmium	111-1	0.73	0.84	0.77	0.78	7.67	ppb
Cadmium	106-1	1.48	2.39	2.42	2.10	25.45	ppb
Cadmium	108-1	1.77	1.51	1.93	1.74	12.03	ppb
Calcium	43-1	11819.37	11751.62	11837.30	11802.76	0.38	ppb
Calcium	44-1	12121.46	12003.78	12157.04	12094.09	0.66	ppb
Chromium	52-2	43.21	40.56	41.46	41.74	3.23	ppb
Cobalt	59-2	23.95	21.77	22.90	22.87	4.77	ppb
Copper	63-2	76.01	70.14	71.88	72.68	4.15	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				107		%
Holmium	165-2				110		%
Indium	115-1				104		%
Indium	115-2				107		%
Iron	56-2	33906.60	31683.54	32050.46	32546.87	3.66	ppb
Iron	57-2	33590.09	31155.61	31655.08	32133.59	4.00	ppb
Krypton	83-1	2342.47	2751.23	1230.10	2107.93	37.35	ppb
Lead	206-1	173.80	170.13	172.19	172.04	1.07	ppb
Lead	207-1	160.76	159.36	160.22	160.11	0.44	ppb
Lead	208-1	166.89	164.75	165.96	165.87	0.65	ppb
Lithium	6-1				98		%
Magnesium	24-2	16089.65	14946.07	15168.14	15401.29	3.94	ppb

LB Number :	LB99425	Operator :	Jaswal
Lab Sample ID :	J5999-05DLX5	Instrumnet Name :	P8
Client Sample ID :	SSSI-1115-S-AB-1DL	Dilution Factor :	5
Date & Time Acquired ::	2018-11-27 19:25:25	DataFile Name :	050SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	570.96	532.79	538.98	547.57	3.74	ppb
Molybdenum	94-1	19.99	19.28	18.87	19.38	2.92	ppb
Molybdenum	95-1	1.11	1.03	1.04	1.06	4.40	ppb
Molybdenum	96-1	3.18	3.34	3.25	3.25	2.46	ppb
Molybdenum	97-1	1.05	1.02	0.93	1.00	6.25	ppb
Molybdenum	98-1	1.01	1.05	1.01	1.02	2.60	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	208.14	195.94	198.12	200.74	3.24	ppb
Phosphorus	31-2	531.49	428.07	681.21	546.92	23.27	ppb
Potassium	39-2	1632.81	1458.32	1492.69	1527.94	6.05	ppb
Rhodium	103-1				102		%
Rhodium	103-2				107		%
Scandium	45-1				106		%
Scandium	45-2				106		%
Selenium	77-2	49.59	37.25	47.83	44.89	14.87	ppb
Selenium	78-2	2.57	5.92	6.81	5.10	43.90	ppb
Selenium	82-1	1.48	1.90	0.85	1.41	37.37	ppb
Silicon	28-1	1597.33	1581.12	1587.81	1588.75	0.51	ppb
Silver	109-1	0.21	0.23	0.21	0.22	5.54	ppb
Silver	107-1	0.24	0.24	0.20	0.23	9.06	ppb
Sodium	23-2	360.18	341.61	345.08	348.96	2.83	ppb
Strontium	86-1	25.14	25.12	24.82	25.03	0.70	ppb
Strontium	88-1	25.71	25.54	25.55	25.60	0.37	ppb
Sulfur	34-1	-6822.95	-6758.44	-6808.92	-6796.77		ppb
Terbium	159-1				108		%
Terbium	159-2				110		%
Thallium	203-1	0.78	0.59	0.65	0.67	14.28	ppb
Thallium	205-1	0.74	0.68	0.62	0.68	8.57	ppb
Tin	118-1	1.83	1.84	1.88	1.85	1.32	ppb
Titanium	47-1	414.39	417.83	413.47	415.23	0.55	ppb
Uranium	238-1	1.74	1.72	1.72	1.73	0.81	ppb
Vanadium	51-2	49.13	45.36	46.63	47.04	4.08	ppb
Yttrium	89-1				112		%
Yttrium	89-2				114		%
Zinc	66-2	189.56	175.39	182.62	182.53	3.88	ppb

LB Number :	LB99425	Operator :	Jaswal
Lab Sample ID :	J5999-05DLX5	Instrumnet Name :	P8
Client Sample ID :	SSSI-1115-S-AB-1DL	Dilution Factor :	5
Date & Time Acquired ::	2018-11-27 19:25:25	DataFile Name :	050SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	90-1	12.50	12.51	12.37	12.46	0.65	ppb
Zirconium	91-1	11.78	12.19	12.18	12.05	1.92	ppb

LB Number :	LB99425	Operator :	Jaswal
Lab Sample ID :	J5999-07DLX5	Instrumnet Name :	P8
Client Sample ID :	SSSI-1115-S-AB-2DL	Dilution Factor :	5
Date & Time Acquired ::	2018-11-27 19:28:46	DataFile Name :	051SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	13648.93	13638.84	13410.79	13566.19	0.99	ppb
Antimony	121-1	0.49	0.45	0.43	0.46	5.91	ppb
Arsenic	75-2	11.74	11.64	12.16	11.85	2.31	ppb
Barium	135-1	426.71	401.94	396.67	408.44	3.93	ppb
Barium	137-1	432.91	403.98	400.26	412.38	4.34	ppb
Beryllium	9-1	1.48	1.23	1.18	1.30	12.48	ppb
Bismuth	209-1				107		%
Bismuth	209-2				111		%
Boron	10-1	52.32	52.25	54.24	52.94	2.14	ppb
Boron	11-1	53.49	49.72	50.52	51.24	3.88	ppb
Cadmium	111-1	1.60	1.61	1.68	1.63	2.66	ppb
Cadmium	106-1	5.63	6.67	5.97	6.09	8.71	ppb
Cadmium	108-1	3.03	3.40	3.15	3.19	5.91	ppb
Calcium	43-1	15076.57	14087.32	14097.64	14420.51	3.94	ppb
Calcium	44-1	15221.28	14240.76	14273.83	14578.62	3.82	ppb
Chromium	52-2	48.64	47.80	46.96	47.80	1.76	ppb
Cobalt	59-2	18.05	17.98	17.57	17.87	1.45	ppb
Copper	63-2	149.12	148.61	146.11	147.95	1.09	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				106		%
Holmium	165-2				113		%
Indium	115-1				105		%
Indium	115-2				111		%
Iron	56-2	32719.78	32696.01	32184.16	32533.32	0.93	ppb
Iron	57-2	32526.24	32296.67	31745.65	32189.52	1.25	ppb
Krypton	83-1	1344.20	3117.38	2460.81	2307.46	38.85	ppb
Lead	206-1	759.49	721.35	730.95	737.26	2.69	ppb
Lead	207-1	724.70	694.71	692.83	704.08	2.54	ppb
Lead	208-1	741.07	707.12	704.57	717.58	2.84	ppb
Lithium	6-1				98		%
Magnesium	24-2	8452.20	8363.74	8244.59	8353.51	1.25	ppb

LB Number :	LB99425	Operator :	Jaswal
Lab Sample ID :	J5999-07DLX5	Instrumnet Name :	P8
Client Sample ID :	SSSI-1115-S-AB-2DL	Dilution Factor :	5
Date & Time Acquired ::	2018-11-27 19:28:46	DataFile Name :	051SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	563.69	562.02	556.98	560.90	0.62	ppb
Molybdenum	94-1	46.32	43.83	43.40	44.51	3.54	ppb
Molybdenum	95-1	1.36	1.36	1.25	1.33	4.85	ppb
Molybdenum	96-1	6.85	6.49	6.56	6.63	2.91	ppb
Molybdenum	97-1	1.61	1.33	1.34	1.42	11.08	ppb
Molybdenum	98-1	1.50	1.34	1.38	1.40	5.82	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	79.24	78.56	78.03	78.61	0.77	ppb
Phosphorus	31-2	1591.99	1358.07	1603.64	1517.90	9.13	ppb
Potassium	39-2	1620.34	1591.13	1587.25	1599.57	1.13	ppb
Rhodium	103-1				104		%
Rhodium	103-2				111		%
Scandium	45-1				107		%
Scandium	45-2				111		%
Selenium	77-2	36.54	23.66	46.97	35.73	32.67	ppb
Selenium	78-2	4.92	4.49	8.39	5.93	36.01	ppb
Selenium	82-1	1.38	1.02	1.34	1.25	15.78	ppb
Silicon	28-1	1969.25	1830.79	1826.01	1875.35	4.34	ppb
Silver	109-1	0.66	0.59	0.64	0.63	5.38	ppb
Silver	107-1	0.71	0.73	0.65	0.70	5.78	ppb
Sodium	23-2	728.73	737.14	727.56	731.14	0.71	ppb
Strontium	86-1	48.20	45.37	46.15	46.57	3.14	ppb
Strontium	88-1	49.41	46.94	46.42	47.59	3.36	ppb
Sulfur	34-1	-6372.50	-7464.23	-7300.57	-7045.77		ppb
Terbium	159-1				108		%
Terbium	159-2				113		%
Thallium	203-1	0.42	0.43	0.37	0.41	6.98	ppb
Thallium	205-1	0.42	0.39	0.40	0.40	3.29	ppb
Tin	118-1	4.93	4.38	4.51	4.61	6.30	ppb
Titanium	47-1	513.32	481.75	483.31	492.79	3.61	ppb
Uranium	238-1	1.43	1.32	1.35	1.37	3.82	ppb
Vanadium	51-2	53.89	52.76	51.98	52.88	1.81	ppb
Yttrium	89-1				112		%
Yttrium	89-2				118		%
Zinc	66-2	567.40	558.43	547.86	557.90	1.75	ppb

LB Number :	LB99425	Operator :	Jaswal
Lab Sample ID :	J5999-07DLX5	Instrumnet Name :	P8
Client Sample ID :	SSSI-1115-S-AB-2DL	Dilution Factor :	5
Date & Time Acquired ::	2018-11-27 19:28:46	DataFile Name :	051SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	90-1	30.31	28.25	28.48	29.01	3.87	ppb
Zirconium	91-1	29.66	27.44	27.63	28.24	4.35	ppb

LB Number :	LB99425	Operator :	Jaswal
Lab Sample ID :	J5999-09DLX5	Instrumnet Name :	P8
Client Sample ID :	SSSI-1116-S-AB-4DL	Dilution Factor :	5
Date & Time Acquired ::	2018-11-27 19:32:06	DataFile Name :	052SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	10394.65	10298.93	10607.82	10433.80	1.52	ppb
Antimony	121-1	0.15	0.20	0.20	0.18	15.87	ppb
Arsenic	75-2	10.67	10.80	11.08	10.85	1.94	ppb
Barium	135-1	181.56	187.63	186.82	185.34	1.78	ppb
Barium	137-1	183.55	186.53	190.66	186.92	1.91	ppb
Beryllium	9-1	0.82	0.85	0.75	0.81	6.47	ppb
Bismuth	209-1				109		%
Bismuth	209-2				114		%
Boron	10-1	11.61	10.31	11.95	11.29	7.68	ppb
Boron	11-1	11.54	10.97	11.09	11.20	2.68	ppb
Cadmium	111-1	0.75	0.88	0.95	0.86	11.31	ppb
Cadmium	106-1	0.66	1.24	2.56	1.49	65.37	ppb
Cadmium	108-1	1.18	1.23	1.60	1.34	17.07	ppb
Calcium	43-1	61192.62	61133.39	61296.35	61207.45	0.13	ppb
Calcium	44-1	61471.08	61527.71	61398.90	61465.90	0.11	ppb
Chromium	52-2	49.32	49.24	51.36	49.97	2.41	ppb
Cobalt	59-2	17.43	17.30	18.06	17.60	2.31	ppb
Copper	63-2	76.65	77.05	78.01	77.23	0.90	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				116		%
Indium	115-1				107		%
Indium	115-2				112		%
Iron	56-2	23766.30	23829.21	24303.67	23966.39	1.23	ppb
Iron	57-2	23382.65	23402.53	24166.10	23650.43	1.89	ppb
Krypton	83-1	-222.54	2693.95	494.13	988.51	153.75	ppb
Lead	206-1	107.23	106.96	107.69	107.29	0.34	ppb
Lead	207-1	99.91	99.16	98.72	99.26	0.61	ppb
Lead	208-1	103.33	102.89	103.09	103.10	0.22	ppb
Lithium	6-1				99		%
Magnesium	24-2	33459.07	33140.47	33454.55	33351.37	0.55	ppb

LB Number :	LB99425	Operator :	Jaswal
Lab Sample ID :	J5999-09DLX5	Instrumnet Name :	P8
Client Sample ID :	SSSI-1116-S-AB-4DL	Dilution Factor :	5
Date & Time Acquired ::	2018-11-27 19:32:06	DataFile Name :	052SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	689.25	687.49	707.49	694.74	1.59	ppb
Molybdenum	94-1	10.82	10.47	10.81	10.70	1.89	ppb
Molybdenum	95-1	0.88	0.93	0.92	0.91	2.42	ppb
Molybdenum	96-1	2.06	2.03	2.23	2.11	5.11	ppb
Molybdenum	97-1	0.90	0.96	1.03	0.96	7.03	ppb
Molybdenum	98-1	0.87	0.88	0.94	0.90	4.14	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	116.47	114.45	119.92	116.94	2.36	ppb
Phosphorus	31-2	1487.10	1401.64	1502.96	1463.90	3.72	ppb
Potassium	39-2	1628.36	1631.88	1644.31	1634.85	0.51	ppb
Rhodium	103-1				104		%
Rhodium	103-2				113		%
Scandium	45-1				108		%
Scandium	45-2				113		%
Selenium	77-2	44.15	23.62	33.60	33.79	30.39	ppb
Selenium	78-2	5.34	2.76	7.41	5.17	44.99	ppb
Selenium	82-1	1.05	0.92	0.01	0.66	86.06	ppb
Silicon	28-1	1579.41	1585.39	1583.81	1582.87	0.20	ppb
Silver	109-1	0.25	0.22	0.21	0.23	8.64	ppb
Silver	107-1	0.28	0.26	0.25	0.26	4.65	ppb
Sodium	23-2	217.61	222.02	230.37	223.33	2.90	ppb
Strontium	86-1	72.43	71.20	72.63	72.08	1.07	ppb
Strontium	88-1	73.97	73.19	73.73	73.63	0.55	ppb
Sulfur	34-1	-3838.56	-3613.06	-3930.04	-3793.89		ppb
Terbium	159-1				109		%
Terbium	159-2				115		%
Thallium	203-1	0.25	0.25	0.27	0.26	4.52	ppb
Thallium	205-1	0.28	0.25	0.27	0.27	5.31	ppb
Tin	118-1	0.85	0.89	0.92	0.89	4.05	ppb
Titanium	47-1	312.34	316.24	317.00	315.19	0.79	ppb
Uranium	238-1	1.38	1.42	1.34	1.38	2.88	ppb
Vanadium	51-2	40.52	39.93	41.72	40.73	2.23	ppb
Yttrium	89-1				113		%
Yttrium	89-2				119		%
Zinc	66-2	257.59	253.03	261.05	257.23	1.56	ppb

LB Number :	LB99425	Operator :	Jaswal
Lab Sample ID :	J5999-09DLX5	Instrumnet Name :	P8
Client Sample ID :	SSSI-1116-S-AB-4DL	Dilution Factor :	5
Date & Time Acquired ::	2018-11-27 19:32:06	DataFile Name :	052SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	90-1	6.78	6.60	6.55	6.64	1.80	ppb
Zirconium	91-1	6.73	6.47	6.48	6.56	2.25	ppb

LB Number :	LB99425	Operator :	Jaswal
Lab Sample ID :	J5999-10DLX5	Instrumnet Name :	P8
Client Sample ID :	SSSI-1116-S-AB-5DL	Dilution Factor :	5
Date & Time Acquired ::	2018-11-27 19:35:27	DataFile Name :	053SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	23001.75	23264.65	22842.90	23036.43	0.92	ppb
Antimony	121-1	0.02	0.03	0.04	0.03	26.68	ppb
Arsenic	75-2	5.31	5.40	5.61	5.44	2.86	ppb
Barium	135-1	104.28	103.73	105.90	104.64	1.08	ppb
Barium	137-1	104.79	104.84	106.80	105.48	1.09	ppb
Beryllium	9-1	1.64	1.61	1.70	1.65	2.88	ppb
Bismuth	209-1				111		%
Bismuth	209-2				108		%
Boron	10-1	6.64	6.89	7.10	6.87	3.34	ppb
Boron	11-1	7.11	6.95	6.71	6.92	2.88	ppb
Cadmium	111-1	0.20	0.40	0.24	0.28	36.86	ppb
Cadmium	106-1	1.86	3.32	1.47	2.22	43.94	ppb
Cadmium	108-1	1.07	0.59	1.24	0.97	35.02	ppb
Calcium	43-1	1435.72	1445.35	1459.61	1446.89	0.83	ppb
Calcium	44-1	1471.90	1506.94	1500.95	1493.26	1.26	ppb
Chromium	52-2	92.91	94.01	92.51	93.14	0.83	ppb
Cobalt	59-2	64.99	66.40	64.33	65.24	1.62	ppb
Copper	63-2	42.65	43.55	41.62	42.61	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				111		%
Holmium	165-2				111		%
Indium	115-1				109		%
Indium	115-2				108		%
Iron	56-2	36637.80	36892.46	35827.79	36452.68	1.53	ppb
Iron	57-2	35995.07	36342.05	35528.45	35955.19	1.14	ppb
Krypton	83-1	2170.02	1249.27	4346.79	2588.69	61.45	ppb
Lead	206-1	23.72	23.82	23.65	23.73	0.36	ppb
Lead	207-1	21.90	21.88	21.86	21.88	0.08	ppb
Lead	208-1	22.79	22.97	22.81	22.86	0.43	ppb
Lithium	6-1				102		%
Magnesium	24-2	9573.33	9685.89	9512.84	9590.69	0.92	ppb

LB Number :	LB99425	Operator :	Jaswal
Lab Sample ID :	J5999-10DLX5	Instrumnet Name :	P8
Client Sample ID :	SSSI-1116-S-AB-5DL	Dilution Factor :	5
Date & Time Acquired ::	2018-11-27 19:35:27	DataFile Name :	053SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	1059.67	1064.52	1042.77	1055.65	1.08	ppb
Molybdenum	94-1	15.96	15.86	16.01	15.94	0.46	ppb
Molybdenum	95-1	0.45	0.37	0.42	0.41	10.50	ppb
Molybdenum	96-1	2.35	2.31	2.40	2.35	1.92	ppb
Molybdenum	97-1	0.40	0.35	0.43	0.39	9.59	ppb
Molybdenum	98-1	0.39	0.40	0.43	0.41	5.12	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	283.20	284.77	279.78	282.58	0.90	ppb
Phosphorus	31-2	566.08	513.33	507.31	528.91	6.11	ppb
Potassium	39-2	2589.65	2595.85	2480.61	2555.37	2.54	ppb
Rhodium	103-1				108		%
Rhodium	103-2				109		%
Scandium	45-1				110		%
Scandium	45-2				108		%
Selenium	77-2	37.11	62.37	46.51	48.66	26.24	ppb
Selenium	78-2	7.20	6.66	7.44	7.10	5.66	ppb
Selenium	82-1	0.97	0.64	1.61	1.07	45.98	ppb
Silicon	28-1	2392.19	2363.51	2355.65	2370.45	0.81	ppb
Silver	109-1	0.08	0.07	0.09	0.08	14.15	ppb
Silver	107-1	0.08	0.09	0.07	0.08	14.24	ppb
Sodium	23-2	252.14	254.87	248.96	251.99	1.17	ppb
Strontium	86-1	11.01	11.20	11.62	11.28	2.79	ppb
Strontium	88-1	11.59	11.70	11.71	11.67	0.54	ppb
Sulfur	34-1	-7047.05	-7383.78	-7908.09	-7446.31		ppb
Terbium	159-1				111		%
Terbium	159-2				112		%
Thallium	203-1	0.42	0.36	0.33	0.37	12.85	ppb
Thallium	205-1	0.38	0.39	0.38	0.38	1.09	ppb
Tin	118-1	0.48	0.51	0.41	0.47	10.72	ppb
Titanium	47-1	665.67	677.39	677.49	673.51	1.01	ppb
Uranium	238-1	1.38	1.44	1.43	1.41	2.34	ppb
Vanadium	51-2	51.60	52.69	51.60	51.96	1.21	ppb
Yttrium	89-1				118		%
Yttrium	89-2				118		%
Zinc	66-2	105.44	106.90	104.41	105.58	1.18	ppb

LB Number :	LB99425	Operator :	Jaswal
Lab Sample ID :	J5999-10DLX5	Instrumnet Name :	P8
Client Sample ID :	SSSI-1116-S-AB-5DL	Dilution Factor :	5
Date & Time Acquired ::	2018-11-27 19:35:27	DataFile Name :	053SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	90-1	10.45	10.54	10.89	10.63	2.20	ppb
Zirconium	91-1	10.30	10.32	10.62	10.41	1.71	ppb

LB Number : LB99425 Operator : Jaswal
 Lab Sample ID : J5999-10DUPDLX5 Instrumnet Name : P8
 Client Sample ID : SSSI-1116-S-AB-5DUPD Dilution Factor : 5
 Date & Time Acquired :: 2018-11-27 19:38:48 DataFile Name : 054SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	27336.96	23691.80	23864.61	24964.46	8.24	ppb
Antimony	121-1	0.03	0.05	0.04	0.04	21.13	ppb
Arsenic	75-2	6.31	5.06	5.77	5.71	11.00	ppb
Barium	135-1	99.82	103.37	98.70	100.63	2.42	ppb
Barium	137-1	103.05	102.94	102.89	102.96	0.08	ppb
Beryllium	9-1	1.50	1.57	1.73	1.60	7.28	ppb
Bismuth	209-1				112		%
Bismuth	209-2				103		%
Boron	10-1	5.50	6.42	6.58	6.17	9.41	ppb
Boron	11-1	6.34	6.64	6.40	6.46	2.43	ppb
Cadmium	111-1	0.22	0.17	0.32	0.24	30.39	ppb
Cadmium	106-1	1.71	0.37	2.50	1.53	70.32	ppb
Cadmium	108-1	1.15	0.81	1.19	1.05	19.96	ppb
Calcium	43-1	1394.24	1485.33	1418.87	1432.81	3.29	ppb
Calcium	44-1	1452.18	1462.26	1466.67	1460.37	0.51	ppb
Chromium	52-2	110.47	93.82	95.46	99.92	9.18	ppb
Cobalt	59-2	76.95	66.49	66.61	70.02	8.58	ppb
Copper	63-2	50.33	43.30	43.32	45.65	8.88	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				112		%
Holmium	165-2				106		%
Indium	115-1				112		%
Indium	115-2				103		%
Iron	56-2	43387.08	37107.84	37595.78	39363.56	8.87	ppb
Iron	57-2	42545.04	36819.70	36839.56	38734.77	8.52	ppb
Krypton	83-1	731.76	4581.43	3012.94	2775.38	69.75	ppb
Lead	206-1	23.69	23.07	23.13	23.29	1.46	ppb
Lead	207-1	21.59	20.89	21.18	21.22	1.66	ppb
Lead	208-1	22.44	22.17	22.06	22.22	0.89	ppb
Lithium	6-1				103		%
Magnesium	24-2	11383.62	9830.29	9968.55	10394.15	8.27	ppb

LB Number : LB99425 Operator : Jaswal
 Lab Sample ID : J5999-10DUPDLX5 Instrumnet Name : P8
 Client Sample ID : SSSI-1116-S-AB-5DUPD Dilution Factor : 5
 Date & Time Acquired :: 2018-11-27 19:38:48 DataFile Name : 054SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	1236.83	1067.30	1076.20	1126.78	8.47	ppb
Molybdenum	94-1	15.90	15.61	15.29	15.60	1.98	ppb
Molybdenum	95-1	0.40	0.40	0.40	0.40	0.24	ppb
Molybdenum	96-1	2.59	2.31	2.29	2.40	6.85	ppb
Molybdenum	97-1	0.42	0.36	0.45	0.41	11.57	ppb
Molybdenum	98-1	0.36	0.41	0.41	0.40	6.93	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	329.20	286.66	289.21	301.69	7.91	ppb
Phosphorus	31-2	410.78	481.42	680.87	524.36	26.71	ppb
Potassium	39-2	3068.57	2607.53	2628.57	2768.23	9.40	ppb
Rhodium	103-1				111		%
Rhodium	103-2				104		%
Scandium	45-1				114		%
Scandium	45-2				104		%
Selenium	77-2	54.03	64.26	50.13	56.14	13.00	ppb
Selenium	78-2	4.89	7.00	8.50	6.80	26.69	ppb
Selenium	82-1	-0.47	1.75	0.94	0.74	151.37	ppb
Silicon	28-1	3045.74	2807.74	3521.38	3124.95	11.63	ppb
Silver	109-1	0.06	0.06	0.06	0.06	3.30	ppb
Silver	107-1	0.08	0.07	0.08	0.08	7.61	ppb
Sodium	23-2	353.47	252.38	253.91	286.59	20.21	ppb
Strontium	86-1	11.26	11.16	11.91	11.44	3.60	ppb
Strontium	88-1	11.57	11.65	11.55	11.59	0.46	ppb
Sulfur	34-1	-10592.80	-10795.53	-11056.09	-10814.81		ppb
Terbium	159-1				114		%
Terbium	159-2				106		%
Thallium	203-1	0.36	0.33	0.34	0.34	4.45	ppb
Thallium	205-1	0.40	0.34	0.34	0.36	8.89	ppb
Tin	118-1	0.48	0.49	0.49	0.49	1.25	ppb
Titanium	47-1	693.91	699.94	705.56	699.80	0.83	ppb
Uranium	238-1	1.44	1.38	1.43	1.42	2.17	ppb
Vanadium	51-2	61.71	53.94	53.46	56.37	8.21	ppb
Yttrium	89-1				121		%
Yttrium	89-2				113		%
Zinc	66-2	123.03	107.63	108.95	113.20	7.54	ppb

LB Number :	LB99425	Operator :	Jaswal
Lab Sample ID :	J5999-10DUPDLX5	Instrumnet Name :	P8
Client Sample ID :	SSSI-1116-S-AB-5DUPD	Dilution Factor :	5
Date & Time Acquired ::	2018-11-27 19:38:48	DataFile Name :	054SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	90-1	10.01	10.11	10.12	10.08	0.61	ppb
Zirconium	91-1	9.88	9.67	9.41	9.65	2.41	ppb

LB Number :	LB99425	Operator :	Jaswal
Lab Sample ID :	J5999-10LDLX25	Instrumnet Name :	P8
Client Sample ID :	SSSI-1116-S-AB-5LDL	Dilution Factor :	25
Date & Time Acquired ::	2018-11-27 19:42:09	DataFile Name :	055SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	4567.34	4441.62	4536.58	4515.18	1.45	ppb
Antimony	121-1	0.02	0.02	0.02	0.02	14.14	ppb
Arsenic	75-2	0.97	0.88	1.18	1.01	15.37	ppb
Barium	135-1	18.65	21.63	18.45	19.57	9.09	ppb
Barium	137-1	20.04	21.33	19.00	20.12	5.81	ppb
Beryllium	9-1	0.30	0.35	0.36	0.34	8.69	ppb
Bismuth	209-1				107		%
Bismuth	209-2				106		%
Boron	10-1	3.61	2.98	3.44	3.34	9.79	ppb
Boron	11-1	2.62	3.06	2.67	2.78	8.64	ppb
Cadmium	111-1	0.00	-0.05	0.04	0.00		ppb
Cadmium	106-1	-0.26	-1.33	0.36	-0.41		ppb
Cadmium	108-1	0.20	0.23	0.28	0.23	16.57	ppb
Calcium	43-1	285.50	330.54	252.85	289.63	13.47	ppb
Calcium	44-1	285.30	319.69	273.35	292.78	8.22	ppb
Chromium	52-2	18.89	17.77	18.55	18.40	3.13	ppb
Cobalt	59-2	13.20	12.82	13.02	13.01	1.49	ppb
Copper	63-2	8.50	8.34	8.39	8.41	0.97	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				107		%
Holmium	165-2				109		%
Indium	115-1				109		%
Indium	115-2				110		%
Iron	56-2	7335.89	7083.82	7235.23	7218.31	1.76	ppb
Iron	57-2	7233.59	6970.29	7073.90	7092.59	1.87	ppb
Krypton	83-1	2395.61	224.67	3649.66	2089.98	82.91	ppb
Lead	206-1	4.57	4.88	4.48	4.64	4.57	ppb
Lead	207-1	4.16	4.43	3.94	4.17	5.90	ppb
Lead	208-1	4.33	4.67	4.20	4.40	5.54	ppb
Lithium	6-1				101		%
Magnesium	24-2	1951.15	1836.40	1835.85	1874.47	3.54	ppb

LB Number : LB99425 Operator : Jaswal
 Lab Sample ID : J5999-10LDLX25 Instrumnet Name : P8
 Client Sample ID : SSSI-1116-S-AB-5LDL Dilution Factor : 25
 Date & Time Acquired :: 2018-11-27 19:42:09 DataFile Name : 055SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	211.28	203.64	210.44	208.45	2.01	ppb
Molybdenum	94-1	3.05	3.37	3.26	3.23	5.06	ppb
Molybdenum	95-1	0.08	0.10	0.10	0.09	15.47	ppb
Molybdenum	96-1	0.47	0.49	0.45	0.47	4.17	ppb
Molybdenum	97-1	0.08	0.10	0.03	0.07	52.85	ppb
Molybdenum	98-1	0.09	0.12	0.08	0.10	21.72	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	55.83	54.07	56.02	55.30	1.95	ppb
Phosphorus	31-2	80.75	56.27	90.44	75.82	23.23	ppb
Potassium	39-2	484.27	454.45	474.99	471.24	3.24	ppb
Rhodium	103-1				108		%
Rhodium	103-2				110		%
Scandium	45-1				109		%
Scandium	45-2				108		%
Selenium	77-2	19.57	0.69	11.46	10.57	89.58	ppb
Selenium	78-2	2.54	1.64	1.18	1.79	38.60	ppb
Selenium	82-1	0.47	0.46	1.14	0.69	56.89	ppb
Silicon	28-1	445.84	507.64	449.14	467.54	7.44	ppb
Silver	109-1	0.03	1.29	0.02	0.45	161.88	ppb
Silver	107-1	0.02	0.04	0.03	0.03	35.53	ppb
Sodium	23-2	73.92	64.65	65.96	68.18	7.36	ppb
Strontium	86-1	2.04	2.54	2.04	2.21	13.12	ppb
Strontium	88-1	2.34	2.57	2.26	2.39	6.88	ppb
Sulfur	34-1	-11615.18	-10277.67	-11769.15	-11220.67		ppb
Terbium	159-1				108		%
Terbium	159-2				110		%
Thallium	203-1	0.13	0.11	0.11	0.12	9.25	ppb
Thallium	205-1	0.09	0.11	0.11	0.10	12.63	ppb
Tin	118-1	0.10	0.11	0.08	0.10	15.47	ppb
Titanium	47-1	126.34	140.76	120.95	129.35	7.92	ppb
Uranium	238-1	0.26	0.28	0.26	0.27	4.24	ppb
Vanadium	51-2	10.41	10.08	10.33	10.28	1.68	ppb
Yttrium	89-1				111		%
Yttrium	89-2				112		%
Zinc	66-2	23.07	23.68	22.62	23.12	2.30	ppb

LB Number :	LB99425	Operator :	Jaswal
Lab Sample ID :	J5999-10LDLX25	Instrumnet Name :	P8
Client Sample ID :	SSSI-1116-S-AB-5LDL	Dilution Factor :	25
Date & Time Acquired ::	2018-11-27 19:42:09	DataFile Name :	055SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	90-1	2.06	2.25	2.05	2.12	5.35	ppb
Zirconium	91-1	2.08	2.22	2.07	2.12	4.02	ppb

LB Number :	LB99425	Operator :	Jaswal
Lab Sample ID :	J5999-10MSDLX5	Instrumnet Name :	P8
Client Sample ID :	SSSI-1116-S-AB-5MSDL	Dilution Factor :	5
Date & Time Acquired ::	2018-11-27 19:45:31	DataFile Name :	056SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	30364.59	29287.93	29123.77	29592.10	2.28	ppb
Antimony	121-1	12.09	12.62	12.45	12.38	2.17	ppb
Arsenic	75-2	91.98	87.89	86.86	88.91	3.05	ppb
Barium	135-1	631.23	628.60	623.23	627.69	0.65	ppb
Barium	137-1	638.22	637.45	633.07	636.24	0.44	ppb
Beryllium	9-1	97.86	98.38	99.56	98.60	0.88	ppb
Bismuth	209-1				108		%
Bismuth	209-2				106		%
Boron	10-1	96.61	94.83	103.09	98.18	4.43	ppb
Boron	11-1	96.33	97.81	100.93	98.35	2.39	ppb
Cadmium	111-1	102.71	104.16	102.28	103.05	0.95	ppb
Cadmium	106-1	101.34	102.68	100.26	101.42	1.20	ppb
Cadmium	108-1	105.83	100.29	103.75	103.29	2.71	ppb
Calcium	43-1	11381.03	11202.78	11449.65	11344.49	1.12	ppb
Calcium	44-1	11611.71	11512.81	11607.07	11577.20	0.48	ppb
Chromium	52-2	239.47	226.17	224.95	230.20	3.50	ppb
Cobalt	59-2	166.95	160.62	160.28	162.62	2.31	ppb
Copper	63-2	238.38	228.03	227.69	231.37	2.63	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				109		%
Holmium	165-2				111		%
Indium	115-1				108		%
Indium	115-2				107		%
Iron	56-2	56382.00	53503.64	53497.39	54461.01	3.05	ppb
Iron	57-2	55377.92	53374.84	52814.05	53855.60	2.50	ppb
Krypton	83-1	1503.96	2678.22	4243.51	2808.56	48.94	ppb
Lead	206-1	126.80	128.12	128.70	127.87	0.76	ppb
Lead	207-1	121.61	120.91	123.19	121.90	0.96	ppb
Lead	208-1	125.20	125.18	126.52	125.63	0.61	ppb
Lithium	6-1				100		%
Magnesium	24-2	22108.56	20644.49	20867.75	21206.93	3.72	ppb

LB Number :	LB99425	Operator :	Jaswal
Lab Sample ID :	J5999-10MSDLX5	Instrumnet Name :	P8
Client Sample ID :	SSSI-1116-S-AB-5MSDL	Dilution Factor :	5
Date & Time Acquired ::	2018-11-27 19:45:31	DataFile Name :	056SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	1398.83	1326.92	1317.56	1347.77	3.30	ppb
Molybdenum	94-1	436.94	436.18	432.79	435.30	0.51	ppb
Molybdenum	95-1	406.95	407.24	402.63	405.61	0.64	ppb
Molybdenum	96-1	425.71	423.59	414.44	421.24	1.42	ppb
Molybdenum	97-1	407.15	409.56	401.79	406.17	0.98	ppb
Molybdenum	98-1	417.11	418.36	416.07	417.18	0.27	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	578.95	556.33	553.86	563.05	2.46	ppb
Phosphorus	31-2	797.70	652.59	806.98	752.42	11.51	ppb
Potassium	39-2	8338.76	8172.61	8049.21	8186.86	1.77	ppb
Rhodium	103-1				105		%
Rhodium	103-2				107		%
Scandium	45-1				110		%
Scandium	45-2				108		%
Selenium	77-2	137.53	131.40	138.03	135.65	2.72	ppb
Selenium	78-2	102.56	90.67	91.24	94.82	7.07	ppb
Selenium	82-1	77.53	77.50	76.92	77.32	0.45	ppb
Silicon	28-1	1765.13	1757.58	1792.31	1771.67	1.03	ppb
Silver	109-1	8.33	8.65	8.20	8.40	2.77	ppb
Silver	107-1	8.24	8.15	8.10	8.16	0.90	ppb
Sodium	23-2	10158.46	9579.43	9567.57	9768.49	3.46	ppb
Strontium	86-1	102.81	102.50	100.88	102.06	1.02	ppb
Strontium	88-1	108.98	105.59	106.46	107.01	1.65	ppb
Sulfur	34-1	-10243.03	-10485.66	-10333.90	-10354.20		ppb
Terbium	159-1				109		%
Terbium	159-2				111		%
Thallium	203-1	96.06	96.05	97.81	96.64	1.05	ppb
Thallium	205-1	98.38	98.57	99.09	98.68	0.38	ppb
Tin	118-1	77.90	77.67	76.95	77.51	0.64	ppb
Titanium	47-1	1697.17	1700.74	1681.08	1693.00	0.62	ppb
Uranium	238-1	98.00	98.55	99.80	98.78	0.94	ppb
Vanadium	51-2	177.63	166.81	164.83	169.75	4.06	ppb
Yttrium	89-1				118		%
Yttrium	89-2				118		%
Zinc	66-2	326.70	316.18	306.46	316.45	3.20	ppb

LB Number :	LB99425	Operator :	Jaswal
Lab Sample ID :	J5999-10MSDLX5	Instrumnet Name :	P8
Client Sample ID :	SSSI-1116-S-AB-5MSDL	Dilution Factor :	5
Date & Time Acquired ::	2018-11-27 19:45:31	DataFile Name :	056SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	90-1	98.88	99.01	98.16	98.68	0.47	ppb
Zirconium	91-1	97.80	96.38	95.01	96.40	1.44	ppb

LB Number :	LB99425	Operator :	Jaswal
Lab Sample ID :	J5999-10MSDDLX5	Instrumnet Name :	P8
Client Sample ID :	SSSI-1116-S-AB-5MSDD	Dilution Factor :	5
Date & Time Acquired ::	2018-11-27 19:48:50	DataFile Name :	057SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	28578.86	28317.56	29023.62	28640.01	1.25	ppb
Antimony	121-1	13.18	13.17	13.14	13.16	0.15	ppb
Arsenic	75-2	83.60	86.47	87.39	85.82	2.30	ppb
Barium	135-1	616.67	615.86	614.20	615.58	0.20	ppb
Barium	137-1	632.17	630.90	626.28	629.78	0.49	ppb
Beryllium	9-1	94.89	95.15	97.53	95.85	1.52	ppb
Bismuth	209-1				108		%
Bismuth	209-2				111		%
Boron	10-1	97.57	96.16	95.36	96.36	1.16	ppb
Boron	11-1	93.11	95.99	99.36	96.15	3.26	ppb
Cadmium	111-1	99.97	98.26	99.05	99.10	0.86	ppb
Cadmium	106-1	98.41	98.59	91.89	96.29	3.96	ppb
Cadmium	108-1	96.48	99.59	97.99	98.02	1.59	ppb
Calcium	43-1	10881.46	10719.85	10871.53	10824.28	0.84	ppb
Calcium	44-1	11068.31	11067.63	11065.13	11067.02	0.02	ppb
Chromium	52-2	223.77	224.60	228.83	225.73	1.20	ppb
Cobalt	59-2	181.44	179.61	184.26	181.77	1.29	ppb
Copper	63-2	218.52	215.59	223.73	219.28	1.88	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				109		%
Holmium	165-2				113		%
Indium	115-1				108		%
Indium	115-2				111		%
Iron	56-2	47775.29	47282.69	48669.79	47909.25	1.47	ppb
Iron	57-2	47194.26	46774.74	48131.08	47366.70	1.47	ppb
Krypton	83-1	4904.73	2159.92	-956.27	2036.13	144.02	ppb
Lead	206-1	125.48	129.16	126.99	127.21	1.45	ppb
Lead	207-1	120.99	122.56	120.52	121.36	0.88	ppb
Lead	208-1	124.22	125.78	124.20	124.73	0.73	ppb
Lithium	6-1				100		%
Magnesium	24-2	30004.76	29391.23	30141.25	29845.75	1.34	ppb

LB Number :	LB99425	Operator :	Jaswal
Lab Sample ID :	J5999-10MSDDLX5	Instrumnet Name :	P8
Client Sample ID :	SSSI-1116-S-AB-5MSDD	Dilution Factor :	5
Date & Time Acquired ::	2018-11-27 19:48:50	DataFile Name :	057SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	1917.05	1884.02	1936.28	1912.45	1.38	ppb
Molybdenum	94-1	422.25	427.74	422.34	424.11	0.74	ppb
Molybdenum	95-1	397.78	401.58	398.84	399.40	0.49	ppb
Molybdenum	96-1	409.53	403.48	403.71	405.57	0.85	ppb
Molybdenum	97-1	397.33	398.45	396.10	397.29	0.30	ppb
Molybdenum	98-1	404.12	408.86	403.32	405.43	0.74	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	512.59	505.47	518.16	512.07	1.24	ppb
Phosphorus	31-2	615.46	507.93	708.60	610.67	16.44	ppb
Potassium	39-2	6939.13	6833.64	6967.64	6913.47	1.02	ppb
Rhodium	103-1				106		%
Rhodium	103-2				110		%
Scandium	45-1				111		%
Scandium	45-2				111		%
Selenium	77-2	129.69	118.24	128.87	125.60	5.09	ppb
Selenium	78-2	82.78	96.87	83.87	87.84	8.92	ppb
Selenium	82-1	74.22	72.69	71.70	72.87	1.74	ppb
Silicon	28-1	1847.45	1839.17	1836.50	1841.04	0.31	ppb
Silver	109-1	7.60	7.82	7.76	7.72	1.47	ppb
Silver	107-1	7.75	7.79	7.78	7.77	0.26	ppb
Sodium	23-2	9600.87	9519.92	9681.28	9600.69	0.84	ppb
Strontium	86-1	101.45	99.70	100.01	100.39	0.93	ppb
Strontium	88-1	104.07	103.87	103.73	103.89	0.17	ppb
Sulfur	34-1	-10120.60	-10253.72	-10398.62	-10257.65		ppb
Terbium	159-1				111		%
Terbium	159-2				114		%
Thallium	203-1	92.30	94.07	93.23	93.20	0.95	ppb
Thallium	205-1	94.31	96.29	94.93	95.18	1.06	ppb
Tin	118-1	73.17	73.28	72.30	72.92	0.73	ppb
Titanium	47-1	1104.55	1111.50	1106.49	1107.51	0.32	ppb
Uranium	238-1	94.40	94.95	94.78	94.71	0.29	ppb
Vanadium	51-2	146.31	145.28	149.01	146.87	1.31	ppb
Yttrium	89-1				117		%
Yttrium	89-2				121		%
Zinc	66-2	278.60	281.84	286.37	282.27	1.38	ppb

LB Number :	LB99425	Operator :	Jaswal
Lab Sample ID :	J5999-10MSDDLX5	Instrumnet Name :	P8
Client Sample ID :	SSSI-1116-S-AB-5MSDD	Dilution Factor :	5
Date & Time Acquired ::	2018-11-27 19:48:50	DataFile Name :	057SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	90-1	95.04	95.34	94.61	95.00	0.39	ppb
Zirconium	91-1	90.64	93.38	91.97	91.99	1.49	ppb

LB Number :	LB99425	Operator :	Jaswal
Lab Sample ID :	J5999-10ADLX5	Instrumnet Name :	P8
Client Sample ID :	SSSI-1116-S-AB-5ADL	Dilution Factor :	5
Date & Time Acquired ::	2018-11-27 19:52:09	DataFile Name :	058SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	29503.27	29346.10	29556.79	29468.72	0.37	ppb
Antimony	121-1	13.44	13.29	13.09	13.27	1.33	ppb
Arsenic	75-2	87.27	88.08	87.90	87.75	0.48	ppb
Barium	135-1	637.17	630.62	633.06	633.62	0.52	ppb
Barium	137-1	645.54	634.19	645.31	641.68	1.01	ppb
Beryllium	9-1	97.39	99.71	97.20	98.10	1.43	ppb
Bismuth	209-1				107		%
Bismuth	209-2				106		%
Boron	10-1	97.96	105.79	97.09	100.28	4.78	ppb
Boron	11-1	100.33	100.30	100.28	100.30	0.03	ppb
Cadmium	111-1	102.92	102.37	101.68	102.32	0.61	ppb
Cadmium	106-1	100.33	97.98	100.82	99.71	1.52	ppb
Cadmium	108-1	102.09	101.88	101.26	101.75	0.42	ppb
Calcium	43-1	10905.15	11096.72	10943.05	10981.64	0.92	ppb
Calcium	44-1	11354.01	11388.50	11450.80	11397.77	0.43	ppb
Chromium	52-2	229.45	228.28	230.01	229.25	0.39	ppb
Cobalt	59-2	174.13	174.15	175.46	174.58	0.44	ppb
Copper	63-2	228.91	225.82	229.41	228.05	0.85	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				110		%
Indium	115-1				106		%
Indium	115-2				106		%
Iron	56-2	51674.05	51317.59	51720.21	51570.62	0.43	ppb
Iron	57-2	50972.07	50498.62	51464.95	50978.55	0.95	ppb
Krypton	83-1	2824.40	-651.18	62.66	745.29	246.29	ppb
Lead	206-1	129.54	127.63	129.58	128.92	0.86	ppb
Lead	207-1	122.84	121.25	123.32	122.47	0.89	ppb
Lead	208-1	126.31	125.13	126.93	126.12	0.73	ppb
Lithium	6-1				98		%
Magnesium	24-2	25368.21	25437.45	25622.89	25476.18	0.52	ppb

LB Number :	LB99425	Operator :	Jaswal
Lab Sample ID :	J5999-10ADLX5	Instrumnet Name :	P8
Client Sample ID :	SSSI-1116-S-AB-5ADL	Dilution Factor :	5
Date & Time Acquired ::	2018-11-27 19:52:09	DataFile Name :	058SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	1634.48	1634.81	1657.97	1642.42	0.82	ppb
Molybdenum	94-1	426.78	426.17	426.90	426.61	0.09	ppb
Molybdenum	95-1	403.02	403.60	400.62	402.41	0.39	ppb
Molybdenum	96-1	413.71	415.61	402.51	410.61	1.72	ppb
Molybdenum	97-1	404.60	403.17	399.82	402.53	0.61	ppb
Molybdenum	98-1	413.94	412.53	408.70	411.72	0.66	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	543.71	540.54	542.67	542.31	0.30	ppb
Phosphorus	31-2	585.62	570.91	597.71	584.75	2.30	ppb
Potassium	39-2	7654.80	7639.98	7693.59	7662.79	0.36	ppb
Rhodium	103-1				103		%
Rhodium	103-2				106		%
Scandium	45-1				109		%
Scandium	45-2				108		%
Selenium	77-2	127.28	129.98	136.27	131.18	3.51	ppb
Selenium	78-2	93.99	74.61	87.87	85.49	11.59	ppb
Selenium	82-1	75.20	74.01	74.01	74.41	0.92	ppb
Silicon	28-1	1999.04	1992.26	1996.25	1995.85	0.17	ppb
Silver	109-1	8.13	7.93	8.07	8.04	1.28	ppb
Silver	107-1	8.37	8.05	8.13	8.18	2.04	ppb
Sodium	23-2	9819.82	9725.22	9765.29	9770.11	0.49	ppb
Strontium	86-1	101.29	102.40	100.71	101.47	0.85	ppb
Strontium	88-1	105.33	105.80	105.10	105.41	0.34	ppb
Sulfur	34-1	-10141.62	-10150.41	-10111.31	-10134.45		ppb
Terbium	159-1				108		%
Terbium	159-2				110		%
Thallium	203-1	96.85	95.33	95.75	95.98	0.82	ppb
Thallium	205-1	97.56	96.49	98.72	97.59	1.14	ppb
Tin	118-1	74.46	73.89	73.93	74.09	0.43	ppb
Titanium	47-1	1404.20	1405.14	1408.66	1406.00	0.17	ppb
Uranium	238-1	97.52	95.70	97.66	96.96	1.13	ppb
Vanadium	51-2	159.09	158.82	159.82	159.24	0.32	ppb
Yttrium	89-1				116		%
Yttrium	89-2				117		%
Zinc	66-2	300.26	297.19	298.89	298.78	0.51	ppb

LB Number :	LB99425	Operator :	Jaswal
Lab Sample ID :	J5999-10ADLX5	Instrumnet Name :	P8
Client Sample ID :	SSSI-1116-S-AB-5ADL	Dilution Factor :	5
Date & Time Acquired ::	2018-11-27 19:52:09	DataFile Name :	058SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	90-1	96.03	97.86	96.32	96.74	1.02	ppb
Zirconium	91-1	93.33	94.38	93.70	93.80	0.57	ppb

LB Number :	LB99425	Operator :	Jaswal
Lab Sample ID :	CCV71	Instrumnet Name :	P8
Client Sample ID :	CCV71	Dilution Factor :	1
Date & Time Acquired ::	2018-11-27 19:55:30	DataFile Name :	059CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	47376.22	50330.85	50194.41	49300.49	3.38	ppb
Antimony	121-1	509.37	504.41	539.47	517.75	3.67	ppb
Arsenic	75-2	468.84	483.52	488.53	480.30	2.13	ppb
Barium	135-1	2571.70	2536.39	2672.33	2593.47	2.72	ppb
Barium	137-1	2586.15	2566.44	2668.29	2606.96	2.07	ppb
Beryllium	9-1	506.87	505.12	531.07	514.35	2.82	ppb
Bismuth	209-1				107		%
Bismuth	209-2				106		%
Boron	10-1	504.08	510.33	523.45	512.62	1.93	ppb
Boron	11-1	506.34	512.41	536.15	518.30	3.04	ppb
Cadmium	111-1	493.52	490.69	515.10	499.77	2.67	ppb
Cadmium	106-1	489.07	492.77	520.44	500.76	3.42	ppb
Cadmium	108-1	483.93	493.23	515.12	497.43	3.22	ppb
Calcium	43-1	246091.71	243704.18	260256.97	250017.62	3.58	ppb
Calcium	44-1	245038.77	244008.59	260094.84	249714.06	3.61	ppb
Chromium	52-2	486.39	515.12	511.43	504.31	3.10	ppb
Cobalt	59-2	469.87	492.45	489.97	484.10	2.56	ppb
Copper	63-2	1012.32	1070.50	1060.27	1047.70	2.97	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				111		%
Holmium	165-2				112		%
Indium	115-1				104		%
Indium	115-2				104		%
Iron	56-2	118446.81	125178.57	124407.00	122677.46	3.00	ppb
Iron	57-2	118700.33	127145.76	125778.73	123874.94	3.66	ppb
Krypton	83-1	1021.55	2424.13	1770.09	1738.59	40.37	ppb
Lead	206-1	507.29	506.39	541.30	518.33	3.84	ppb
Lead	207-1	505.47	501.39	538.69	515.18	3.97	ppb
Lead	208-1	509.38	505.10	538.81	517.76	3.54	ppb
Lithium	6-1				94		%
Magnesium	24-2	236865.76	250106.40	248395.06	245122.41	2.94	ppb

LB Number :	LB99425	Operator :	Jaswal
Lab Sample ID :	CCV71	Instrumnet Name :	P8
Client Sample ID :	CCV71	Dilution Factor :	1
Date & Time Acquired ::	2018-11-27 19:55:30	DataFile Name :	059CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	948.94	1010.91	1002.63	987.49	3.41	ppb
Molybdenum	94-1	2544.00	2487.03	2654.41	2561.81	3.32	ppb
Molybdenum	95-1	2528.43	2485.13	2636.07	2549.88	3.05	ppb
Molybdenum	96-1	2512.21	2496.70	2638.56	2549.16	3.05	ppb
Molybdenum	97-1	2495.20	2500.21	2675.15	2556.85	4.01	ppb
Molybdenum	98-1	2514.18	2473.15	2637.80	2541.71	3.37	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	472.20	498.24	493.97	488.14	2.86	ppb
Phosphorus	31-2	9356.03	9263.43	8971.47	9196.98	2.18	ppb
Potassium	39-2	118304.57	126888.53	125997.90	123730.34	3.81	ppb
Rhodium	103-1				100		%
Rhodium	103-2				103		%
Scandium	45-1				103		%
Scandium	45-2				104		%
Selenium	77-2	419.32	519.18	430.03	456.18	12.02	ppb
Selenium	78-2	486.33	483.79	507.76	492.63	2.67	ppb
Selenium	82-1	489.63	482.29	510.53	494.15	2.97	ppb
Silicon	28-1	573.01	575.51	618.35	588.95	4.33	ppb
Silver	109-1	503.29	496.68	523.48	507.82	2.75	ppb
Silver	107-1	504.80	494.72	520.79	506.77	2.59	ppb
Sodium	23-2	239100.87	251637.61	251344.43	247360.97	2.89	ppb
Strontium	86-1	497.78	494.06	515.68	502.51	2.30	ppb
Strontium	88-1	504.69	499.13	524.33	509.39	2.60	ppb
Sulfur	34-1	6771.76	6380.83	8117.66	7090.08	12.85	ppb
Terbium	159-1				111		%
Terbium	159-2				112		%
Thallium	203-1	514.69	505.21	550.21	523.37	4.53	ppb
Thallium	205-1	514.17	506.62	543.80	521.53	3.77	ppb
Tin	118-1	519.00	514.64	548.65	527.43	3.51	ppb
Titanium	47-1	2530.39	2498.83	2699.86	2576.36	4.20	ppb
Uranium	238-1	505.34	495.24	533.35	511.31	3.86	ppb
Vanadium	51-2	475.52	500.99	497.46	491.33	2.81	ppb
Yttrium	89-1				106		%
Yttrium	89-2				107		%
Zinc	66-2	1069.01	1119.29	1121.49	1103.26	2.69	ppb

LB Number :	LB99425	Operator :	Jaswal
Lab Sample ID :	CCV71	Instrumnet Name :	P8
Client Sample ID :	CCV71	Dilution Factor :	1
Date & Time Acquired ::	2018-11-27 19:55:30	DataFile Name :	059CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	90-1	515.57	501.46	532.57	516.53	3.02	ppb
Zirconium	91-1	487.67	486.52	512.90	495.70	3.01	ppb

LB Number :	LB99425	Operator :	Jaswal
Lab Sample ID :	CCB71	Instrumnet Name :	P8
Client Sample ID :	CCB71	Dilution Factor :	1
Date & Time Acquired ::	2018-11-27 19:58:40	DataFile Name :	060CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	-0.38	-0.90	0.64	-0.21		ppb
Antimony	121-1	0.24	0.25	0.22	0.24	7.19	ppb
Arsenic	75-2	0.03	0.01	0.03	0.02	38.35	ppb
Barium	135-1	0.08	0.07	0.01	0.05	68.00	ppb
Barium	137-1	0.09	0.08	0.04	0.07	35.10	ppb
Beryllium	9-1	0.08	0.02	0.10	0.07	59.23	ppb
Bismuth	209-1				117		%
Bismuth	209-2				118		%
Boron	10-1	7.85	8.12	7.47	7.81	4.21	ppb
Boron	11-1	8.35	7.98	6.84	7.72	10.20	ppb
Cadmium	111-1	0.05	-0.05	0.04	0.01	373.09	ppb
Cadmium	106-1	0.43	-0.88	0.24	-0.07		ppb
Cadmium	108-1	0.03	0.04	0.04	0.04	3.72	ppb
Calcium	43-1	-0.76	-12.71	-7.53	-7.00		ppb
Calcium	44-1	2.30	3.45	-3.01	0.91	377.68	ppb
Chromium	52-2	0.05	-0.08	0.04	0.01	1343.06	ppb
Cobalt	59-2	-0.01	-0.01	-0.02	-0.01		ppb
Copper	63-2	-0.03	-0.03	0.01	-0.02		ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				113		%
Holmium	165-2				117		%
Indium	115-1				112		%
Indium	115-2				113		%
Iron	56-2	1.37	1.17	1.03	1.19	14.73	ppb
Iron	57-2	3.19	0.54	0.38	1.37	115.44	ppb
Krypton	83-1	208.29	2489.99	2406.47	1701.59	76.04	ppb
Lead	206-1	0.19	0.18	0.18	0.18	2.29	ppb
Lead	207-1	0.17	0.18	0.16	0.17	5.78	ppb
Lead	208-1	0.18	0.17	0.17	0.17	3.97	ppb
Lithium	6-1				102		%
Magnesium	24-2	5.38	1.68	0.64	2.57	97.20	ppb

LB Number :	LB99425	Operator :	Jaswal
Lab Sample ID :	CCB71	Instrumnet Name :	P8
Client Sample ID :	CCB71	Dilution Factor :	1
Date & Time Acquired ::	2018-11-27 19:58:40	DataFile Name :	060CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	-0.07	0.00	0.01	-0.02		ppb
Molybdenum	94-1	0.25	0.19	0.16	0.20	23.33	ppb
Molybdenum	95-1	0.29	0.29	0.24	0.27	9.59	ppb
Molybdenum	96-1	0.32	0.24	0.22	0.26	19.36	ppb
Molybdenum	97-1	0.30	0.24	0.22	0.25	16.40	ppb
Molybdenum	98-1	0.31	0.24	0.27	0.27	13.68	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.03	-0.02	0.04	0.02	188.84	ppb
Phosphorus	31-2	-8.68	12.94	-8.54	-1.43		ppb
Potassium	39-2	-5.83	-13.27	-20.97	-13.36		ppb
Rhodium	103-1				111		%
Rhodium	103-2				114		%
Scandium	45-1				107		%
Scandium	45-2				107		%
Selenium	77-2	-2.01	-2.01	0.71	-1.10		ppb
Selenium	78-2	-0.61	-1.08	-0.61	-0.76		ppb
Selenium	82-1	-0.70	0.18	0.05	-0.16		ppb
Silicon	28-1	-9.62	-10.08	-10.89	-10.20		ppb
Silver	109-1	0.05	0.05	0.04	0.05	18.03	ppb
Silver	107-1	0.05	0.06	0.03	0.05	27.38	ppb
Sodium	23-2	40.84	42.45	42.81	42.03	2.50	ppb
Strontium	86-1	-0.08	-0.18	-0.12	-0.13		ppb
Strontium	88-1	0.01	0.01	0.01	0.01	26.62	ppb
Sulfur	34-1	-6161.36	-6071.49	-6062.69	-6098.51		ppb
Terbium	159-1				115		%
Terbium	159-2				117		%
Thallium	203-1	0.24	0.20	0.20	0.21	12.11	ppb
Thallium	205-1	0.21	0.21	0.18	0.20	9.34	ppb
Tin	118-1	0.07	0.05	0.05	0.06	18.47	ppb
Titanium	47-1	0.01	0.06	-0.04	0.01	461.39	ppb
Uranium	238-1	0.01	0.01	0.01	0.01	31.27	ppb
Vanadium	51-2	0.00	0.00	0.01	0.00	301.22	ppb
Yttrium	89-1				111		%
Yttrium	89-2				112		%
Zinc	66-2	0.29	0.44	0.56	0.43	31.80	ppb

LB Number :	LB99425	Operator :	Jaswal
Lab Sample ID :	CCB71	Instrumnet Name :	P8
Client Sample ID :	CCB71	Dilution Factor :	1
Date & Time Acquired ::	2018-11-27 19:58:40	DataFile Name :	060CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	90-1	0.02	0.03	0.03	0.03	20.42	ppb
Zirconium	91-1	0.01	0.05	0.03	0.03	63.33	ppb

LB Number :	LB99425	Operator :	Jaswal
Lab Sample ID :	S0	Instrumnet Name :	P8
Client Sample ID :	S0	Dilution Factor :	1
Date & Time Acquired ::	2018-11-27 15:06:47	DataFile Name :	003CALB.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	23	28	38	29	26.18	cps
Antimony	121-1	42	67	50	53	24.12	cps
Arsenic	75-2	4	6	6	5	21.74	cps
Barium	135-1	25	33	8	22	57.29	cps
Barium	137-1	42	8	25	25	66.68	cps
Beryllium	9-1	56	100	61	72	33.53	cps
Bismuth	209-1	3433089	3456129	3489576	3459598	0.82	cps
Bismuth	209-2	1526731	1513485	1485219	1508479	1.41	cps
Boron	10-1	58	58	75	64	15.05	cps
Boron	11-1	283	242	342	289	17.39	cps
Cadmium	111-1	693	738	690	707	3.84	cps
Cadmium	106-1	1000	1067	983	1017	4.34	cps
Cadmium	108-1	17	13	4	11	57.27	cps
Calcium	43-1	550	558	442	517	12.60	cps
Calcium	44-1	13057	13782	12998	13279	3.29	cps
Chromium	52-2	907	803	897	869	6.56	cps
Cobalt	59-2	83	70	97	83	16.00	cps
Copper	63-2	650	537	610	599	9.60	cps
Dysprosium	156-1	8	17	42	22	78.07	cps
Dysprosium	156-2	0	3	0	1	173.21	cps
Erbium	164-1	0	25	8	11	114.58	cps
Erbium	164-2	10	3	7	7	50.03	cps
Gadolinium	160-1	83	58	42	61	34.32	cps
Gadolinium	160-2	17	10	10	12	31.50	cps
Holmium	165-1	5508679	5548123	5520280	5525694	0.37	cps
Holmium	165-2	1987943	1959043	1879727	1942237	2.88	cps
Indium	115-1	4635993	4678751	4664785	4659843	0.47	cps
Indium	115-2	389218	384469	375774	383154	1.78	cps
Iron	56-2	1945	2006	2161	2037	5.48	cps
Iron	57-2	67	78	56	67	16.66	cps
Krypton	83-1	677	917	907	833	16.29	cps
Lead	206-1	106	83	100	96	12.01	cps
Lead	207-1	106	83	39	76	44.71	cps
Lead	208-1	461	328	317	369	21.81	cps
Lithium	6-1	1156817	1132208	1145794	1144940	1.08	cps
Magnesium	24-2	158	142	192	164	15.54	cps

LB Number :	LB99425	Operator :	Jaswal
Lab Sample ID :	S0	Instrumnet Name :	P8
Client Sample ID :	S0	Dilution Factor :	1
Date & Time Acquired ::	2018-11-27 15:06:47	DataFile Name :	003CALB.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	23	53	47	41	38.32	cps
Molybdenum	94-1	117	158	150	142	15.56	cps
Molybdenum	95-1	67	17	8	31	103.26	cps
Molybdenum	96-1	58	25	83	56	52.68	cps
Molybdenum	97-1	8	17	0	8	100.02	cps
Molybdenum	98-1	75	17	25	39	81.12	cps
Neodymium	150-1	0	13	7	7	99.98	cps
Neodymium	150-2	0	7	0	2	173.21	cps
Nickel	60-2	63	67	70	67	5.00	cps
Phosphorus	31-2	25	8	8	14	69.31	cps
Potassium	39-2	5093	5051	5093	5079	0.47	cps
Rhodium	103-1	4599317	4605414	4590378	4598370	0.16	cps
Rhodium	103-2	1824614	1802536	1752998	1793383	2.05	cps
Scandium	45-1	2990178	3026975	3030062	3015739	0.74	cps
Scandium	45-2	45734	44574	43986	44765	1.99	cps
Selenium	77-2	7	0	0	2	173.21	cps
Selenium	78-2	6	7	4	6	33.38	cps
Selenium	82-1	111	-82	-83	-18	-617.03	cps
Silicon	28-1	208451	210133	207278	208621	0.69	cps
Silver	109-1	50	25	25	33	43.30	cps
Silver	107-1	58	58	33	50	28.88	cps
Sodium	23-2	4251	4234	4142	4209	1.39	cps
Strontium	86-1	1492	1500	1333	1442	6.51	cps
Strontium	88-1	8	67	67	47	71.33	cps
Sulfur	34-1	398868	401289	401455	400537	0.36	cps
Terbium	159-1	5718306	5702493	5742523	5721108	0.35	cps
Terbium	159-2	1985022	1957826	1879114	1940654	2.83	cps
Thallium	203-1	25	33	8	22	57.29	cps
Thallium	205-1	67	83	75	75	11.11	cps
Tin	118-1	283	267	300	283	5.88	cps
Titanium	47-1	158	83	142	128	30.82	cps
Uranium	238-1	8	33	8	17	86.64	cps
Vanadium	51-2	10	10	30	17	69.28	cps
Yttrium	89-1	5042890	5054010	4999519	5032140	0.57	cps
Yttrium	89-2	291016	290272	286641	289310	0.81	cps
Zinc	66-2	13	27	30	23	37.81	cps

LB Number :	LB99425	Operator :	Jaswal
Lab Sample ID :	S0	Instrumnet Name :	P8
Client Sample ID :	S0	Dilution Factor :	1
Date & Time Acquired ::	2018-11-27 15:06:47	DataFile Name :	003CALB.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	90-1	550	367	317	411	29.88	cps
Zirconium	91-1	108	83	125	106	19.87	cps

LB Number :	LB99425	Operator :	Jaswal
Lab Sample ID :	S2	Instrumnet Name :	P8
Client Sample ID :	S2	Dilution Factor :	1
Date & Time Acquired ::	2018-11-27 15:13:57	DataFile Name :	005CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	225	228	225	226	0.64	cps
Antimony	121-1	11672	11814	12289	11925	2.71	cps
Arsenic	75-2	135	122	124	127	5.52	cps
Barium	135-1	12515	11739	12540	12265	3.71	cps
Barium	137-1	20558	20683	20483	20575	0.49	cps
Beryllium	9-1	1111	1122	1072	1102	2.38	cps
Bismuth	209-1	3477406	3177219	3505407	3386677	5.37	cps
Bismuth	209-2	1527100	1523315	1536071	1528829	0.43	cps
Boron	10-1	3150	3442	3551	3381	6.12	cps
Boron	11-1	16368	16802	16836	16669	1.56	cps
Cadmium	111-1	2000	1946	2389	2112	11.42	cps
Cadmium	106-1	1067	1117	1425	1203	16.14	cps
Cadmium	108-1	108	104	108	107	2.25	cps
Calcium	43-1	7836	7736	7694	7755	0.94	cps
Calcium	44-1	136004	136584	133808	135465	1.08	cps
Chromium	52-2	2960	3214	3004	3059	4.43	cps
Cobalt	59-2	2027	2177	2054	2086	3.84	cps
Copper	63-2	4051	4157	4214	4141	2.00	cps
Dysprosium	156-1	0	17	25	14	91.65	cps
Dysprosium	156-2	0	0	3	1	173.21	cps
Erbium	164-1	42	17	33	31	41.66	cps
Erbium	164-2	3	3	7	4	43.40	cps
Gadolinium	160-1	75	50	58	61	20.83	cps
Gadolinium	160-2	3	17	27	16	75.27	cps
Holmium	165-1	5410422	4907937	5550429	5289596	6.39	cps
Holmium	165-2	1986934	1962366	1956692	1968664	0.82	cps
Indium	115-1	4611588	4119144	4659399	4463377	6.70	cps
Indium	115-2	388571	387007	392451	389343	0.72	cps
Iron	56-2	39378	38927	38203	38836	1.53	cps
Iron	57-2	995	1039	1050	1028	2.86	cps
Krypton	83-1	877	773	793	814	6.73	cps
Lead	206-1	3539	3995	3601	3712	6.66	cps
Lead	207-1	3317	3334	3295	3315	0.59	cps
Lead	208-1	14487	15260	14782	14843	2.63	cps
Lithium	6-1	1137114	1020024	1151008	1102715	6.52	cps
Magnesium	24-2	18930	19648	19614	19397	2.09	cps

LB Number :	LB99425	Operator :	Jaswal
Lab Sample ID :	S2	Instrumnet Name :	P8
Client Sample ID :	S2	Dilution Factor :	1
Date & Time Acquired ::	2018-11-27 15:13:57	DataFile Name :	005CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	377	283	407	356	18.09	cps
Molybdenum	94-1	10821	11706	10947	11158	4.29	cps
Molybdenum	95-1	12973	13682	13958	13538	3.75	cps
Molybdenum	96-1	14600	14734	15493	14942	3.22	cps
Molybdenum	97-1	8395	8428	8019	8281	2.74	cps
Molybdenum	98-1	20959	20767	21084	20936	0.76	cps
Neodymium	150-1	27	0	20	16	89.22	cps
Neodymium	150-2	0	0	3	1	173.21	cps
Nickel	60-2	727	667	753	716	6.20	cps
Phosphorus	31-2	25	0	17	14	91.65	cps
Potassium	39-2	16752	16878	17069	16900	0.94	cps
Rhodium	103-1	4628007	4097811	4632505	4452774	6.90	cps
Rhodium	103-2	1820486	1808266	1840694	1823149	0.90	cps
Scandium	45-1	2972579	2679844	3063526	2905317	6.90	cps
Scandium	45-2	44647	44868	44711	44742	0.25	cps
Selenium	77-2	3	10	3	6	69.34	cps
Selenium	78-2	20	24	20	22	9.89	cps
Selenium	82-1	433	397	447	426	6.10	cps
Silicon	28-1	257157	259072	254790	257006	0.83	cps
Silver	109-1	6519	6719	6210	6482	3.95	cps
Silver	107-1	6702	6960	6644	6769	2.49	cps
Sodium	23-2	48325	48216	47388	47976	1.07	cps
Strontium	86-1	3142	2875	3092	3037	4.67	cps
Strontium	88-1	14892	14408	14492	14597	1.77	cps
Sulfur	34-1	398887	402904	399840	400544	0.52	cps
Terbium	159-1	5741747	5118471	5819829	5560016	6.91	cps
Terbium	159-2	1962601	1965151	1986521	1971424	0.67	cps
Thallium	203-1	4309	4334	4443	4362	1.63	cps
Thallium	205-1	9529	10446	10380	10118	5.05	cps
Tin	118-1	20917	20984	20366	20756	1.63	cps
Titanium	47-1	3901	3759	3742	3801	2.29	cps
Uranium	238-1	13216	14017	14159	13797	3.68	cps
Vanadium	51-2	3574	3624	3707	3635	1.85	cps
Yttrium	89-1	5057993	4497077	5070501	4875190	6.72	cps
Yttrium	89-2	294624	293036	294922	294194	0.34	cps
Zinc	66-2	467	447	423	446	4.87	cps

LB Number :	LB99425	Operator :	Jaswal
Lab Sample ID :	S2	Instrumnet Name :	P8
Client Sample ID :	S2	Dilution Factor :	1
Date & Time Acquired ::	2018-11-27 15:13:57	DataFile Name :	005CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	90-1	9153	9646	9746	9515	3.33	cps
Zirconium	91-1	2109	2325	2225	2220	4.89	cps

LB Number : LB99425 Operator : Jaswal
 Lab Sample ID : S3 Instrumnet Name : P8
 Client Sample ID : S3 Dilution Factor : 1
 Date & Time Acquired :: 2018-11-27 15:17:44 DataFile Name : 006CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	9934	10284	9583	9934	3.53	cps
Antimony	121-1	314607	315259	313692	314520	0.25	cps
Arsenic	75-2	6752	6455	6585	6597	2.25	cps
Barium	135-1	326137	325832	324288	325419	0.30	cps
Barium	137-1	554006	559349	558648	557334	0.52	cps
Beryllium	9-1	58653	57236	57878	57922	1.23	cps
Bismuth	209-1	3466140	3592947	3608094	3555727	2.19	cps
Bismuth	209-2	1552525	1579219	1531464	1554403	1.54	cps
Boron	10-1	6627	7002	6810	6813	2.75	cps
Boron	11-1	34760	34768	36038	35189	2.09	cps
Cadmium	111-1	76060	76344	76502	76302	0.29	cps
Cadmium	106-1	8837	9262	9062	9053	2.35	cps
Cadmium	108-1	5485	5301	5155	5314	3.11	cps
Calcium	43-1	79819	81310	80531	80554	0.93	cps
Calcium	44-1	1311148	1318241	1335877	1321756	0.96	cps
Chromium	52-2	54124	54393	54650	54389	0.48	cps
Cobalt	59-2	107313	108248	105767	107109	1.17	cps
Copper	63-2	182480	181316	176377	180057	1.80	cps
Dysprosium	156-1	17	33	25	25	33.32	cps
Dysprosium	156-2	0	0	7	2	173.21	cps
Erbium	164-1	25	8	8	14	69.31	cps
Erbium	164-2	3	7	0	3	100.05	cps
Gadolinium	160-1	42	42	75	53	36.46	cps
Gadolinium	160-2	7	10	27	14	74.18	cps
Holmium	165-1	5484376	5663730	5647927	5598678	1.77	cps
Holmium	165-2	2003417	2027260	1990303	2006993	0.93	cps
Indium	115-1	4572503	4731908	4762141	4688851	2.17	cps
Indium	115-2	394885	393495	387802	392061	0.96	cps
Iron	56-2	1956882	1922788	1910842	1930171	1.24	cps
Iron	57-2	48591	48574	47492	48219	1.31	cps
Krypton	83-1	860	780	830	823	4.91	cps
Lead	206-1	188131	189224	190363	189239	0.59	cps
Lead	207-1	166236	167808	169412	167818	0.95	cps
Lead	208-1	754364	761761	768286	761470	0.91	cps
Lithium	6-1	1099945	1148614	1160657	1136405	2.83	cps
Magnesium	24-2	209066	210564	204221	207950	1.59	cps

LB Number :	LB99425	Operator :	Jaswal
Lab Sample ID :	S3	Instrumnet Name :	P8
Client Sample ID :	S3	Dilution Factor :	1
Date & Time Acquired ::	2018-11-27 15:17:44	DataFile Name :	006CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	34987	34587	33604	34393	2.07	cps
Molybdenum	94-1	568578	574489	568981	570682	0.58	cps
Molybdenum	95-1	709402	705668	705653	706908	0.31	cps
Molybdenum	96-1	784731	777845	782467	781681	0.45	cps
Molybdenum	97-1	438974	435950	437184	437369	0.35	cps
Molybdenum	98-1	1133875	1124461	1134210	1130849	0.49	cps
Neodymium	150-1	20	27	13	20	33.35	cps
Neodymium	150-2	0	0	7	2	173.21	cps
Nickel	60-2	31489	31112	31165	31255	0.65	cps
Phosphorus	31-2	733	775	617	708	11.59	cps
Potassium	39-2	69371	68417	67571	68453	1.32	cps
Rhodium	103-1	4510585	4631852	4685852	4609430	1.95	cps
Rhodium	103-2	1820347	1826426	1809540	1818771	0.47	cps
Scandium	45-1	2953031	3105358	3106140	3054843	2.89	cps
Scandium	45-2	45209	44547	43561	44439	1.87	cps
Selenium	77-2	77	47	47	57	30.56	cps
Selenium	78-2	183	183	185	184	0.58	cps
Selenium	82-1	4511	4677	4576	4588	1.81	cps
Silicon	28-1	438566	392782	385757	405702	7.07	cps
Silver	109-1	338184	341184	342973	340780	0.71	cps
Silver	107-1	360244	360653	362822	361240	0.38	cps
Sodium	23-2	461701	471374	457182	463419	1.56	cps
Strontium	86-1	86098	86926	86583	86536	0.48	cps
Strontium	88-1	743967	738357	752748	745024	0.97	cps
Sulfur	34-1	426878	429341	430266	428828	0.41	cps
Terbium	159-1	5717209	5855171	5998647	5857009	2.40	cps
Terbium	159-2	2014245	2014043	1980496	2002928	0.97	cps
Thallium	203-1	233326	232796	234430	233517	0.36	cps
Thallium	205-1	549552	558193	563350	557032	1.25	cps
Tin	118-1	217049	217119	216916	217028	0.05	cps
Titanium	47-1	190420	190452	194000	191624	1.07	cps
Uranium	238-1	713828	722516	727700	721348	0.97	cps
Vanadium	51-2	39415	38447	38570	38811	1.36	cps
Yttrium	89-1	4890453	5092471	5106994	5029973	2.41	cps
Yttrium	89-2	300624	298185	292322	297044	1.44	cps
Zinc	66-2	19213	19183	18803	19067	1.20	cps

LB Number :	LB99425	Operator :	Jaswal
Lab Sample ID :	S3	Instrumnet Name :	P8
Client Sample ID :	S3	Dilution Factor :	1
Date & Time Acquired ::	2018-11-27 15:17:44	DataFile Name :	006CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	90-1	471098	468187	475540	471608	0.79	cps
Zirconium	91-1	104852	103593	105783	104743	1.05	cps

LB Number :	LB99425	Operator :	Jaswal
Lab Sample ID :	S4	Instrumnet Name :	P8
Client Sample ID :	S4	Dilution Factor :	1
Date & Time Acquired ::	2018-11-27 15:21:29	DataFile Name :	007CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	22699	23034	23230	22988	1.17	cps
Antimony	121-1	771364	767288	758523	765725	0.86	cps
Arsenic	75-2	16041	15811	15865	15906	0.76	cps
Barium	135-1	786203	794431	790823	790486	0.52	cps
Barium	137-1	1356280	1369652	1346726	1357553	0.85	cps
Beryllium	9-1	139127	137870	138510	138502	0.45	cps
Bismuth	209-1	3701664	3697200	3615545	3671470	1.32	cps
Bismuth	209-2	1582316	1573395	1587567	1581092	0.45	cps
Boron	10-1	16760	16393	16669	16607	1.15	cps
Boron	11-1	80132	83023	83325	82160	2.15	cps
Cadmium	111-1	179700	183415	180357	181157	1.09	cps
Cadmium	106-1	20449	20441	19573	20155	2.50	cps
Cadmium	108-1	13011	13244	12698	12984	2.11	cps
Calcium	43-1	188365	193920	195119	192468	1.87	cps
Calcium	44-1	3088287	3053178	3075030	3072165	0.58	cps
Chromium	52-2	127904	128950	127329	128061	0.64	cps
Cobalt	59-2	254574	254261	252307	253714	0.48	cps
Copper	63-2	429034	427725	428222	428327	0.15	cps
Dysprosium	156-1	8	8	25	14	69.31	cps
Dysprosium	156-2	0	0	3	1	173.21	cps
Erbium	164-1	17	17	25	19	24.73	cps
Erbium	164-2	0	7	13	7	99.98	cps
Gadolinium	160-1	42	58	33	44	28.65	cps
Gadolinium	160-2	13	13	13	13	0.00	cps
Holmium	165-1	5766397	5869032	5541630	5725686	2.92	cps
Holmium	165-2	2035281	2024147	2041328	2033585	0.43	cps
Indium	115-1	4768365	4856240	4548141	4724249	3.36	cps
Indium	115-2	392514	386472	385947	388311	0.94	cps
Iron	56-2	4593371	4497343	4516923	4535879	1.12	cps
Iron	57-2	113541	113479	112360	113127	0.59	cps
Krypton	83-1	750	853	870	824	7.88	cps
Lead	206-1	460735	461378	458764	460292	0.30	cps
Lead	207-1	411545	413940	417029	414172	0.66	cps
Lead	208-1	1860529	1861198	1876862	1866197	0.50	cps
Lithium	6-1	1159372	1166567	1118207	1148049	2.27	cps
Magnesium	24-2	490519	484173	484040	486244	0.76	cps

LB Number :	LB99425	Operator :	Jaswal
Lab Sample ID :	S4	Instrumnet Name :	P8
Client Sample ID :	S4	Dilution Factor :	1
Date & Time Acquired ::	2018-11-27 15:21:29	DataFile Name :	007CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	81811	81519	82180	81837	0.40	cps
Molybdenum	94-1	1385341	1371831	1383151	1380108	0.53	cps
Molybdenum	95-1	1720143	1707487	1716218	1714616	0.38	cps
Molybdenum	96-1	1927807	1914844	1894546	1912399	0.88	cps
Molybdenum	97-1	1046428	1051059	1047783	1048424	0.23	cps
Molybdenum	98-1	2751635	2770947	2746966	2756516	0.46	cps
Neodymium	150-1	80	53	87	73	24.05	cps
Neodymium	150-2	0	0	7	2	173.21	cps
Nickel	60-2	75138	75590	74783	75171	0.54	cps
Phosphorus	31-2	1792	1750	1859	1800	3.04	cps
Potassium	39-2	158145	157142	157227	157505	0.35	cps
Rhodium	103-1	4702598	4755037	4480775	4646137	3.13	cps
Rhodium	103-2	1812660	1814981	1827209	1818284	0.43	cps
Scandium	45-1	3066908	3117412	2961274	3048531	2.61	cps
Scandium	45-2	44534	44691	44042	44422	0.76	cps
Selenium	77-2	110	137	187	144	26.95	cps
Selenium	78-2	491	469	441	467	5.37	cps
Selenium	82-1	11392	11465	11239	11365	1.01	cps
Silicon	28-1	618319	616857	618064	617746	0.13	cps
Silver	109-1	819336	818805	816768	818303	0.17	cps
Silver	107-1	876941	866827	868317	870695	0.63	cps
Sodium	23-2	1121276	1106239	1104253	1110589	0.84	cps
Strontium	86-1	209804	209196	209771	209590	0.16	cps
Strontium	88-1	1836347	1809023	1808617	1817996	0.87	cps
Sulfur	34-1	455087	450941	447554	451194	0.84	cps
Terbium	159-1	6028371	6100061	5767016	5965149	2.94	cps
Terbium	159-2	2029570	2022692	2011186	2021149	0.46	cps
Thallium	203-1	570346	572060	581239	574548	1.02	cps
Thallium	205-1	1376467	1373289	1377888	1375881	0.17	cps
Tin	118-1	525757	526423	524064	525415	0.23	cps
Titanium	47-1	452805	456166	465104	458025	1.39	cps
Uranium	238-1	1800276	1823618	1828639	1817511	0.83	cps
Vanadium	51-2	93194	92315	92412	92640	0.52	cps
Yttrium	89-1	5191640	5251815	4916014	5119823	3.50	cps
Yttrium	89-2	295895	294396	290656	293649	0.92	cps
Zinc	66-2	44699	44424	44886	44670	0.52	cps

LB Number :	LB99425	Operator :	Jaswal
Lab Sample ID :	S4	Instrumnet Name :	P8
Client Sample ID :	S4	Dilution Factor :	1
Date & Time Acquired ::	2018-11-27 15:21:29	DataFile Name :	007CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	90-1	1136004	1129942	1129604	1131850	0.32	cps
Zirconium	91-1	252603	249452	251637	251231	0.64	cps

LB Number :	LB99425	Operator :	Jaswal
Lab Sample ID :	S5	Instrumnet Name :	P8
Client Sample ID :	S5	Dilution Factor :	1
Date & Time Acquired ::	2018-11-27 15:25:08	DataFile Name :	008CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	47042	46106	47516	46888	1.53	cps
Antimony	121-1	1654656	1645267	1656560	1652161	0.37	cps
Arsenic	75-2	32148	30886	31950	31662	2.14	cps
Barium	135-1	1720624	1720042	1699097	1713254	0.72	cps
Barium	137-1	2931125	2932172	2915287	2926195	0.32	cps
Beryllium	9-1	282795	282662	281811	282422	0.19	cps
Bismuth	209-1	3784472	3805794	3999154	3863140	3.06	cps
Bismuth	209-2	1615236	1584455	1659897	1619863	2.34	cps
Boron	10-1	33482	34501	33632	33871	1.62	cps
Boron	11-1	168124	169885	171911	169973	1.11	cps
Cadmium	111-1	379777	387583	384787	384049	1.03	cps
Cadmium	106-1	40947	41883	39876	40902	2.45	cps
Cadmium	108-1	28055	27683	28121	27953	0.84	cps
Calcium	43-1	395478	397484	393230	395397	0.54	cps
Calcium	44-1	6303646	6266495	6290901	6287014	0.30	cps
Chromium	52-2	261098	254480	259338	258305	1.33	cps
Cobalt	59-2	518720	506442	514016	513059	1.21	cps
Copper	63-2	868138	849530	869733	862467	1.30	cps
Dysprosium	156-1	17	75	8	33	108.97	cps
Dysprosium	156-2	10	7	3	7	50.03	cps
Erbium	164-1	8	25	17	17	50.01	cps
Erbium	164-2	10	3	0	4	114.60	cps
Gadolinium	160-1	42	75	25	47	53.91	cps
Gadolinium	160-2	3	3	17	8	99.04	cps
Holmium	165-1	6025888	6031867	6345185	6134314	2.98	cps
Holmium	165-2	2068507	2024015	2067981	2053501	1.24	cps
Indium	115-1	4821380	4857805	4976197	4885127	1.66	cps
Indium	115-2	391171	381428	386665	386422	1.26	cps
Iron	56-2	9046745	8864016	9111800	9007520	1.43	cps
Iron	57-2	231366	224473	230407	228748	1.63	cps
Krypton	83-1	810	870	910	863	5.83	cps
Lead	206-1	994035	1003530	1008903	1002156	0.75	cps
Lead	207-1	891824	903197	900963	898661	0.67	cps
Lead	208-1	4112006	4114345	4124569	4116973	0.16	cps
Lithium	6-1	1115370	1130393	1185067	1143610	3.21	cps
Magnesium	24-2	982945	962014	994416	979792	1.68	cps

LB Number :	LB99425	Operator :	Jaswal
Lab Sample ID :	S5	Instrumnet Name :	P8
Client Sample ID :	S5	Dilution Factor :	1
Date & Time Acquired ::	2018-11-27 15:25:08	DataFile Name :	008CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	164937	162920	164475	164111	0.64	cps
Molybdenum	94-1	2918930	2935173	2909720	2921275	0.44	cps
Molybdenum	95-1	3592241	3588467	3572872	3584527	0.29	cps
Molybdenum	96-1	4035714	3996463	3960091	3997423	0.95	cps
Molybdenum	97-1	2287357	2242193	2261951	2263834	1.00	cps
Molybdenum	98-1	5830983	5728173	5708860	5756005	1.14	cps
Neodymium	150-1	87	140	53	93	46.84	cps
Neodymium	150-2	7	3	0	3	100.05	cps
Nickel	60-2	152798	149975	152680	151818	1.05	cps
Phosphorus	31-2	3676	3484	3876	3678	5.33	cps
Potassium	39-2	308098	299297	309705	305700	1.83	cps
Rhodium	103-1	4787151	4649057	4907368	4781192	2.70	cps
Rhodium	103-2	1830002	1776840	1818276	1808373	1.54	cps
Scandium	45-1	3066218	3027482	3142361	3078687	1.90	cps
Scandium	45-2	44009	43397	44594	44000	1.36	cps
Selenium	77-2	317	217	300	278	19.29	cps
Selenium	78-2	920	943	1024	962	5.67	cps
Selenium	82-1	23579	23773	23168	23507	1.31	cps
Silicon	28-1	1043467	1011237	1043364	1032689	1.80	cps
Silver	109-1	1776848	1784454	1777470	1779591	0.24	cps
Silver	107-1	1857854	1882972	1873761	1871529	0.68	cps
Sodium	23-2	2214122	2184475	2244242	2214280	1.35	cps
Strontium	86-1	438525	440097	436818	438480	0.37	cps
Strontium	88-1	3714828	3823727	3794951	3777835	1.49	cps
Sulfur	34-1	491139	488646	484587	488124	0.68	cps
Terbium	159-1	6231971	6218691	6531038	6327233	2.79	cps
Terbium	159-2	2059576	2007650	2051764	2039663	1.37	cps
Thallium	203-1	1242105	1267339	1253487	1254310	1.01	cps
Thallium	205-1	2959689	3048392	3053970	3020684	1.75	cps
Tin	118-1	1115902	1122513	1117091	1118502	0.32	cps
Titanium	47-1	950779	940657	940534	943990	0.62	cps
Uranium	238-1	3884528	3928749	3905509	3906262	0.57	cps
Vanadium	51-2	190128	185778	189754	188553	1.28	cps
Yttrium	89-1	5210514	5199923	5511243	5307227	3.33	cps
Yttrium	89-2	294298	286720	294623	291880	1.53	cps
Zinc	66-2	91272	89295	91701	90756	1.41	cps

LB Number :	LB99425	Operator :	Jaswal
Lab Sample ID :	S5	Instrumnet Name :	P8
Client Sample ID :	S5	Dilution Factor :	1
Date & Time Acquired ::	2018-11-27 15:25:08	DataFile Name :	008CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	90-1	2394170	2430886	2429407	2418154	0.86	cps
Zirconium	91-1	528719	536593	535122	533478	0.78	cps

LB Number :	LB99425	Operator :	Jaswal
Lab Sample ID :	S6	Instrumnet Name :	P8
Client Sample ID :	S6	Dilution Factor :	1
Date & Time Acquired ::	2018-11-27 15:28:41	DataFile Name :	009CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	91491	91919	92309	91906	0.44	cps
Antimony	121-1	3315024	3270250	3332040	3305771	0.97	cps
Arsenic	75-2	63558	61756	62857	62723	1.45	cps
Barium	135-1	3445627	3422612	3422407	3430215	0.39	cps
Barium	137-1	5778493	5822213	5868867	5823191	0.78	cps
Beryllium	9-1	556442	552355	556464	555087	0.43	cps
Bismuth	209-1	3844737	3894039	4007030	3915269	2.13	cps
Bismuth	209-2	1622571	1617948	1616815	1619111	0.19	cps
Boron	10-1	64463	67025	65701	65729	1.95	cps
Boron	11-1	329249	330730	332757	330912	0.53	cps
Cadmium	111-1	774588	766035	768086	769570	0.58	cps
Cadmium	106-1	81287	79098	80297	80227	1.37	cps
Cadmium	108-1	55581	55426	54816	55274	0.73	cps
Calcium	43-1	785447	780018	776553	780673	0.57	cps
Calcium	44-1	12467980	12334035	12355342	12385786	0.58	cps
Chromium	52-2	507109	505264	505290	505888	0.21	cps
Cobalt	59-2	1008295	1010250	1013321	1010622	0.25	cps
Copper	63-2	1739241	1709884	1713736	1720954	0.93	cps
Dysprosium	156-1	42	75	75	64	30.12	cps
Dysprosium	156-2	3	0	3	2	86.60	cps
Erbium	164-1	33	25	17	25	33.34	cps
Erbium	164-2	3	17	7	9	78.08	cps
Gadolinium	160-1	75	33	42	50	44.10	cps
Gadolinium	160-2	13	13	7	11	34.61	cps
Holmium	165-1	6058861	6172120	6100707	6110563	0.94	cps
Holmium	165-2	2056982	2052147	2050604	2053244	0.16	cps
Indium	115-1	4727957	4871929	4783194	4794360	1.51	cps
Indium	115-2	380547	375703	375990	377413	0.72	cps
Iron	56-2	17759439	17855284	17739067	17784596	0.35	cps
Iron	57-2	453601	452344	449455	451800	0.47	cps
Krypton	83-1	917	770	947	878	10.77	cps
Lead	206-1	2111096	2053452	2098299	2087616	1.45	cps
Lead	207-1	1897861	1856834	1891492	1882062	1.17	cps
Lead	208-1	8555708	8390320	8534366	8493465	1.06	cps
Lithium	6-1	1101488	1114617	1120985	1112364	0.89	cps
Magnesium	24-2	1945501	1978760	1947631	1957298	0.95	cps

LB Number :	LB99425	Operator :	Jaswal
Lab Sample ID :	S6	Instrumnet Name :	P8
Client Sample ID :	S6	Dilution Factor :	1
Date & Time Acquired ::	2018-11-27 15:28:41	DataFile Name :	009CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	322120	322775	325001	323299	0.47	cps
Molybdenum	94-1	5788741	5788751	5753413	5776968	0.35	cps
Molybdenum	95-1	7261330	7123832	7076386	7153849	1.34	cps
Molybdenum	96-1	8013131	7965956	7960622	7979903	0.36	cps
Molybdenum	97-1	4487976	4487312	4474454	4483247	0.17	cps
Molybdenum	98-1	11561344	11473130	11529518	11521331	0.39	cps
Neodymium	150-1	180	147	160	162	10.34	cps
Neodymium	150-2	7	20	10	12	56.76	cps
Nickel	60-2	300716	298223	297795	298911	0.53	cps
Phosphorus	31-2	7060	7169	6969	7066	1.42	cps
Potassium	39-2	597491	596799	592316	595535	0.47	cps
Rhodium	103-1	4558496	4688228	4657062	4634595	1.46	cps
Rhodium	103-2	1792760	1793183	1790618	1792187	0.08	cps
Scandium	45-1	2909290	2969391	2989049	2955910	1.41	cps
Scandium	45-2	42932	43989	42772	43231	1.53	cps
Selenium	77-2	560	540	540	547	2.11	cps
Selenium	78-2	1680	1961	1883	1842	7.89	cps
Selenium	82-1	47113	47125	46537	46925	0.72	cps
Silicon	28-1	1754462	1736953	1722460	1737958	0.92	cps
Silver	109-1	3572297	3514327	3523127	3536583	0.88	cps
Silver	107-1	3717063	3699803	3719298	3712055	0.29	cps
Sodium	23-2	4335849	4233591	4288317	4285919	1.19	cps
Strontium	86-1	872823	872791	869207	871607	0.24	cps
Strontium	88-1	7568736	7501481	7540531	7536916	0.45	cps
Sulfur	34-1	575898	568281	562263	568814	1.20	cps
Terbium	159-1	6299693	6401615	6358061	6353123	0.80	cps
Terbium	159-2	2072491	2060916	2056818	2063408	0.39	cps
Thallium	203-1	2656684	2566840	2638815	2620780	1.81	cps
Thallium	205-1	6178710	6074306	6213556	6155524	1.18	cps
Tin	118-1	2279522	2278795	2249539	2269285	0.75	cps
Titanium	47-1	1880804	1852899	1875605	1869770	0.79	cps
Uranium	238-1	8237901	8058082	8030875	8108953	1.39	cps
Vanadium	51-2	372750	375073	370735	372853	0.58	cps
Yttrium	89-1	5081326	5276967	5220822	5193038	1.94	cps
Yttrium	89-2	288374	287317	285553	287081	0.50	cps
Zinc	66-2	185978	185172	186336	185829	0.32	cps

LB Number :	LB99425	Operator :	Jaswal
Lab Sample ID :	S6	Instrumnet Name :	P8
Client Sample ID :	S6	Dilution Factor :	1
Date & Time Acquired ::	2018-11-27 15:28:41	DataFile Name :	009CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	90-1	4795925	4762978	4747480	4768795	0.52	cps
Zirconium	91-1	1069220	1054689	1057664	1060525	0.72	cps

LB Number : LB99425 Operator : Jaswal
 Lab Sample ID : S7 Instrumnet Name : P8
 Client Sample ID : S7 Dilution Factor : 1
 Date & Time Acquired :: 2018-11-27 15:32:10 DataFile Name : 010CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	172914	174126	171915	172985	0.64	cps
Antimony	121-1	6217536	6260571	6237700	6238602	0.35	cps
Arsenic	75-2	119698	119829	120363	119963	0.29	cps
Barium	135-1	6499827	6538826	6575389	6538014	0.58	cps
Barium	137-1	11117134	11087345	11192994	11132491	0.49	cps
Beryllium	9-1	1037703	1040733	1045385	1041274	0.37	cps
Bismuth	209-1	3849111	3913013	3863588	3875237	0.86	cps
Bismuth	209-2	1604017	1606385	1490016	1566806	4.25	cps
Boron	10-1	123830	125487	125848	125055	0.86	cps
Boron	11-1	619293	634411	632148	628617	1.30	cps
Cadmium	111-1	1444400	1455952	1456194	1452182	0.46	cps
Cadmium	106-1	151375	151881	151214	151490	0.23	cps
Cadmium	108-1	102940	105063	104157	104053	1.02	cps
Calcium	43-1	1489833	1480088	1481781	1483901	0.35	cps
Calcium	44-1	23469008	23529902	23454104	23484338	0.17	cps
Chromium	52-2	956674	964329	953478	958160	0.58	cps
Cobalt	59-2	1903408	1908483	1952040	1921310	1.39	cps
Copper	63-2	3222658	3230257	3235501	3229472	0.20	cps
Dysprosium	156-1	100	150	117	122	20.83	cps
Dysprosium	156-2	17	13	13	14	13.35	cps
Erbium	164-1	42	33	33	36	13.33	cps
Erbium	164-2	7	13	10	10	33.30	cps
Gadolinium	160-1	133	75	58	89	44.30	cps
Gadolinium	160-2	17	30	20	22	31.22	cps
Holmium	165-1	6157150	6199380	6209759	6188763	0.45	cps
Holmium	165-2	2094800	2090992	1927067	2037620	4.70	cps
Indium	115-1	4693972	4711605	4725287	4710288	0.33	cps
Indium	115-2	369589	372965	343881	362145	4.39	cps
Iron	56-2	33659715	34050643	34136042	33948800	0.75	cps
Iron	57-2	857880	862168	864188	861412	0.37	cps
Krypton	83-1	770	820	817	802	3.49	cps
Lead	206-1	3932236	3955628	3972423	3953429	0.51	cps
Lead	207-1	3531606	3565884	3570506	3555999	0.60	cps
Lead	208-1	15897009	16044738	15973038	15971595	0.46	cps
Lithium	6-1	1101159	1098258	1071489	1090302	1.50	cps
Magnesium	24-2	3681807	3679621	3643777	3668402	0.58	cps

LB Number :	LB99425	Operator :	Jaswal
Lab Sample ID :	S7	Instrumnet Name :	P8
Client Sample ID :	S7	Dilution Factor :	1
Date & Time Acquired ::	2018-11-27 15:32:10	DataFile Name :	010CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	611260	613782	614323	613121	0.27	cps
Molybdenum	94-1	10946335	10976255	11034328	10985640	0.41	cps
Molybdenum	95-1	13689210	13673779	13740401	13701130	0.25	cps
Molybdenum	96-1	15216386	15358674	15202655	15259238	0.57	cps
Molybdenum	97-1	8510786	8560156	8465978	8512307	0.55	cps
Molybdenum	98-1	21852581	22122193	21863168	21945981	0.70	cps
Neodymium	150-1	293	267	293	284	5.41	cps
Neodymium	150-2	13	23	20	19	26.96	cps
Nickel	60-2	558199	561368	562016	560528	0.36	cps
Phosphorus	31-2	12715	12781	13732	13076	4.35	cps
Potassium	39-2	1124778	1141994	1136373	1134382	0.77	cps
Rhodium	103-1	4539405	4585909	4547084	4557466	0.55	cps
Rhodium	103-2	1762354	1755768	1641228	1719783	3.96	cps
Scandium	45-1	2907961	3001095	2953098	2954051	1.58	cps
Scandium	45-2	42952	44142	40342	42479	4.58	cps
Selenium	77-2	1003	1123	1093	1073	5.82	cps
Selenium	78-2	3454	3691	3497	3547	3.56	cps
Selenium	82-1	88547	89157	88863	88856	0.34	cps
Silicon	28-1	3128237	3128794	3132368	3129800	0.07	cps
Silver	109-1	6547230	6576204	6528215	6550549	0.37	cps
Silver	107-1	6950021	6961493	6819585	6910366	1.14	cps
Sodium	23-2	8025756	8160628	8103066	8096483	0.84	cps
Strontium	86-1	1683323	1705771	1686627	1691907	0.72	cps
Strontium	88-1	14202771	14340253	14262735	14268586	0.48	cps
Sulfur	34-1	761889	756168	761436	759831	0.42	cps
Terbium	159-1	6341046	6477421	6437042	6418503	1.09	cps
Terbium	159-2	2065717	2067436	1918701	2017285	4.23	cps
Thallium	203-1	4903887	4928835	4964995	4932572	0.62	cps
Thallium	205-1	11547609	11658170	11676315	11627364	0.60	cps
Tin	118-1	4284242	4290038	4289717	4287999	0.08	cps
Titanium	47-1	3517880	3537519	3510673	3522024	0.39	cps
Uranium	238-1	15438055	15693949	15444218	15525407	0.94	cps
Vanadium	51-2	706164	716114	713489	711922	0.72	cps
Yttrium	89-1	5123756	5236669	5210971	5190465	1.14	cps
Yttrium	89-2	287341	290222	269314	282292	4.01	cps
Zinc	66-2	354229	356271	357791	356097	0.50	cps

LB Number :	LB99425	Operator :	Jaswal
Lab Sample ID :	S7	Instrumnet Name :	P8
Client Sample ID :	S7	Dilution Factor :	1
Date & Time Acquired ::	2018-11-27 15:32:10	DataFile Name :	010CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	90-1	9091658	9055565	9091790	9079671	0.23	cps
Zirconium	91-1	2096285	2080716	2102238	2093080	0.53	cps

LB Number :	LB99425	Operator :	Jaswal
Lab Sample ID :	S8	Instrumnet Name :	P8
Client Sample ID :	S8	Dilution Factor :	1
Date & Time Acquired ::	2018-11-27 16:22:49	DataFile Name :	017CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	932994	946406	938152	939184	0.72	cps
Antimony	121-1	9195	9704	9746	9548	3.21	cps
Arsenic	75-2	167	252	222	214	20.25	cps
Barium	135-1	1217	1325	1258	1267	4.31	cps
Barium	137-1	2392	2534	2325	2417	4.40	cps
Beryllium	9-1	139	161	172	157	10.78	cps
Bismuth	209-1	3428607	3452514	3545860	3475660	1.78	cps
Bismuth	209-2	1500199	1515820	1506315	1507445	0.52	cps
Boron	10-1	1133	1125	1183	1147	2.75	cps
Boron	11-1	5735	5184	4743	5221	9.52	cps
Cadmium	111-1	1146	1165	1190	1167	1.90	cps
Cadmium	106-1	1392	1417	1367	1392	1.80	cps
Cadmium	108-1	17	21	42	26	50.76	cps
Calcium	43-1	7816730	7763417	7833418	7804522	0.47	cps
Calcium	44-1	125887036	124761936	125637715	125428896	0.47	cps
Chromium	52-2	45681	46029	45497	45736	0.59	cps
Cobalt	59-2	24512	24368	24522	24467	0.35	cps
Copper	63-2	9156	9160	8506	8941	4.21	cps
Dysprosium	156-1	58	75	50	61	20.83	cps
Dysprosium	156-2	13	7	10	10	33.30	cps
Erbium	164-1	33	33	42	36	13.33	cps
Erbium	164-2	17	7	7	10	57.72	cps
Gadolinium	160-1	67	108	117	97	27.55	cps
Gadolinium	160-2	23	37	33	31	22.31	cps
Holmium	165-1	5776776	5824623	5790475	5797291	0.43	cps
Holmium	165-2	2071402	2124071	2084026	2093166	1.31	cps
Indium	115-1	4596542	4548552	4646396	4597163	1.06	cps
Indium	115-2	383773	388255	386331	386120	0.58	cps
Iron	56-2	173568593	175099226	173052293	173906704	0.61	cps
Iron	57-2	4375038	4422182	4420608	4405942	0.61	cps
Krypton	83-1	893	847	757	832	8.35	cps
Lead	206-1	5262	5335	5323	5307	0.73	cps
Lead	207-1	4740	4273	4557	4523	5.20	cps
Lead	208-1	20212	20591	21057	20620	2.05	cps
Lithium	6-1	1081199	1063308	1072262	1072256	0.83	cps
Magnesium	24-2	18758826	19119652	18853919	18910799	0.99	cps

LB Number :	LB99425	Operator :	Jaswal
Lab Sample ID :	S8	Instrumnet Name :	P8
Client Sample ID :	S8	Dilution Factor :	1
Date & Time Acquired ::	2018-11-27 16:22:49	DataFile Name :	017CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	4301	4811	4984	4699	7.56	cps
Molybdenum	94-1	12681	13224	13374	13093	2.78	cps
Molybdenum	95-1	19790	20007	20800	20199	2.63	cps
Molybdenum	96-1	22803	23287	23772	23288	2.08	cps
Molybdenum	97-1	12281	13232	12615	12709	3.80	cps
Molybdenum	98-1	30519	31295	31237	31017	1.39	cps
Neodymium	150-1	127	80	113	107	22.54	cps
Neodymium	150-2	23	23	23	23	0.00	cps
Nickel	60-2	21330	21176	21647	21384	1.12	cps
Phosphorus	31-2	17	8	17	14	34.67	cps
Potassium	39-2	5946814	5929368	5907942	5928042	0.33	cps
Rhodium	103-1	4335267	4371583	4359273	4355374	0.42	cps
Rhodium	103-2	1712825	1717524	1713359	1714569	0.15	cps
Scandium	45-1	3047485	3042968	3075168	3055207	0.57	cps
Scandium	45-2	43297	44253	43651	43734	1.11	cps
Selenium	77-2	10	0	3	4	114.60	cps
Selenium	78-2	6	9	6	7	31.45	cps
Selenium	82-1	60	155	190	135	50.01	cps
Silicon	28-1	390037	407752	417385	405058	3.42	cps
Silver	109-1	583	508	517	536	7.67	cps
Silver	107-1	542	675	650	622	11.39	cps
Sodium	23-2	40644179	40784472	40685414	40704688	0.18	cps
Strontium	86-1	9646	9329	9103	9359	2.91	cps
Strontium	88-1	69419	68573	67201	68398	1.64	cps
Sulfur	34-1	381657	382718	387127	383834	0.76	cps
Terbium	159-1	6025450	6010731	6202512	6079564	1.76	cps
Terbium	159-2	2090001	2072810	2084040	2082284	0.42	cps
Thallium	203-1	1475	1400	1383	1420	3.44	cps
Thallium	205-1	3276	3075	3176	3176	3.15	cps
Tin	118-1	8406	6777	7269	7484	11.16	cps
Titanium	47-1	883	1100	1100	1028	12.17	cps
Uranium	238-1	3101	2750	2684	2845	7.87	cps
Vanadium	51-2	300	303	313	306	2.27	cps
Yttrium	89-1	5085910	5135835	5037192	5086312	0.97	cps
Yttrium	89-2	296102	298352	297670	297375	0.39	cps
Zinc	66-2	4281	4404	4384	4356	1.52	cps

LB Number :	LB99425	Operator :	Jaswal
Lab Sample ID :	S8	Instrumnet Name :	P8
Client Sample ID :	S8	Dilution Factor :	1
Date & Time Acquired ::	2018-11-27 16:22:49	DataFile Name :	017CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	90-1	4943	4951	4734	4876	2.52	cps
Zirconium	91-1	1017	950	917	961	5.30	cps

LB Number :	LB99425	Operator :	Jaswal
Lab Sample ID :	ICV01	Instrumnet Name :	P8
Client Sample ID :	ICV01	Dilution Factor :	1
Date & Time Acquired ::	2018-11-27 16:27:47	DataFile Name :	018ICV01.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	4867	4777	4922	4855	1.51	cps
Antimony	121-1	1154910	1153868	1162028	1156935	0.38	cps
Arsenic	75-2	23566	24091	23835	23831	1.10	cps
Barium	135-1	122496	123328	123455	123093	0.42	cps
Barium	137-1	208675	213230	216377	212760	1.82	cps
Beryllium	9-1	101769	103515	102188	102491	0.89	cps
Bismuth	209-1	3736915	3746100	3727316	3736777	0.25	cps
Bismuth	209-2	1629169	1676737	1674618	1660175	1.62	cps
Boron	10-1	63265	62563	63458	63095	0.75	cps
Boron	11-1	310980	316694	323983	317219	2.05	cps
Cadmium	111-1	145709	145129	146520	145786	0.48	cps
Cadmium	106-1	24114	25341	24748	24735	2.48	cps
Cadmium	108-1	13323	13328	13711	13454	1.66	cps
Calcium	43-1	33909	33792	34569	34090	1.23	cps
Calcium	44-1	526173	527338	531074	528195	0.48	cps
Chromium	52-2	95389	95510	95818	95572	0.23	cps
Cobalt	59-2	192466	193547	192702	192905	0.29	cps
Copper	63-2	163701	165296	165019	164672	0.52	cps
Dysprosium	156-1	8	8	0	6	86.60	cps
Dysprosium	156-2	0	0	7	2	173.21	cps
Erbium	164-1	33	33	33	33	0.02	cps
Erbium	164-2	7	10	3	7	50.03	cps
Gadolinium	160-1	75	67	42	61	28.38	cps
Gadolinium	160-2	7	10	0	6	91.64	cps
Holmium	165-1	5816903	5853079	5878140	5849374	0.53	cps
Holmium	165-2	2062651	2109151	2095833	2089212	1.15	cps
Indium	115-1	4769147	4707843	4768485	4748491	0.74	cps
Indium	115-2	394843	397460	402697	398333	1.00	cps
Iron	56-2	751438	751640	748328	750469	0.25	cps
Iron	57-2	18963	19314	19425	19234	1.25	cps
Krypton	83-1	1020	963	890	958	6.81	cps
Lead	206-1	732250	737574	742988	737604	0.73	cps
Lead	207-1	633272	639927	648481	640560	1.19	cps
Lead	208-1	2913360	2944825	2954812	2937666	0.74	cps
Lithium	6-1	1120954	1130835	1112376	1121388	0.82	cps
Magnesium	24-2	48626	47923	49345	48631	1.46	cps

LB Number :	LB99425	Operator :	Jaswal
Lab Sample ID :	ICV01	Instrumnet Name :	P8
Client Sample ID :	ICV01	Dilution Factor :	1
Date & Time Acquired ::	2018-11-27 16:27:47	DataFile Name :	018ICV01.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	31048	30938	31045	31010	0.20	cps
Molybdenum	94-1	2515027	2521737	2561960	2532908	1.00	cps
Molybdenum	95-1	1295542	1298543	1300725	1298270	0.20	cps
Molybdenum	96-1	1699488	1702757	1732400	1711548	1.06	cps
Molybdenum	97-1	802629	802777	802829	802745	0.01	cps
Molybdenum	98-1	2121360	2096392	2088490	2102081	0.82	cps
Neodymium	150-1	20	20	13	18	21.66	cps
Neodymium	150-2	0	0	3	1	173.21	cps
Nickel	60-2	56986	56993	57555	57178	0.57	cps
Phosphorus	31-2	0	8	0	3	173.21	cps
Potassium	39-2	54415	55285	54531	54744	0.86	cps
Rhodium	103-1	4730153	4729704	4753313	4737724	0.29	cps
Rhodium	103-2	1843457	1888327	1878013	1869932	1.26	cps
Scandium	45-1	3117807	3096374	3114308	3109496	0.37	cps
Scandium	45-2	45002	44882	45544	45142	0.78	cps
Selenium	77-2	217	213	203	211	3.29	cps
Selenium	78-2	739	770	791	767	3.41	cps
Selenium	82-1	17283	17313	17593	17396	0.98	cps
Silicon	28-1	1707023	1623129	1625765	1651972	2.89	cps
Silver	109-1	626900	630849	634916	630888	0.64	cps
Silver	107-1	666618	669891	671317	669276	0.36	cps
Sodium	23-2	183915	181896	180723	182178	0.89	cps
Strontium	86-1	867063	861453	872934	867150	0.66	cps
Strontium	88-1	7444083	7418192	7489136	7450470	0.48	cps
Sulfur	34-1	381949	380347	378442	380246	0.46	cps
Terbium	159-1	6089130	6158069	6205782	6150994	0.95	cps
Terbium	159-2	2075665	2101457	2091301	2089474	0.62	cps
Thallium	203-1	912933	920999	931151	921695	0.99	cps
Thallium	205-1	2224358	2258829	2250682	2244623	0.80	cps
Tin	118-1	2019948	2014039	2036936	2023641	0.59	cps
Titanium	47-1	349137	353601	352915	351884	0.68	cps
Uranium	238-1	7901492	8014098	8003419	7973003	0.78	cps
Vanadium	51-2	69823	69910	69749	69827	0.12	cps
Yttrium	89-1	5218817	5230186	5254940	5234648	0.35	cps
Yttrium	89-2	297829	300454	303388	300557	0.93	cps
Zinc	66-2	41071	40513	40339	40641	0.94	cps

LB Number :	LB99425	Operator :	Jaswal
Lab Sample ID :	ICV01	Instrumnet Name :	P8
Client Sample ID :	ICV01	Dilution Factor :	1
Date & Time Acquired ::	2018-11-27 16:27:47	DataFile Name :	018ICV01.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	90-1	4815738	4856806	4858643	4843729	0.50	cps
Zirconium	91-1	1066336	1077083	1088550	1077323	1.03	cps

LB Number :	LB99425	Operator :	Jaswal
Lab Sample ID :	LLICV01	Instrumnet Name :	P8
Client Sample ID :	LLICV01	Dilution Factor :	1
Date & Time Acquired ::	2018-11-27 16:55:33	DataFile Name :	020LLIC.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	180	250	245	225	17.36	cps
Antimony	121-1	12682	12223	12532	12479	1.87	cps
Arsenic	75-2	126	137	130	131	4.32	cps
Barium	135-1	12531	12290	13166	12662	3.57	cps
Barium	137-1	20942	22161	21936	21680	2.99	cps
Beryllium	9-1	1306	1106	1217	1209	8.29	cps
Bismuth	209-1	3578471	3692804	3786004	3685760	2.82	cps
Bismuth	209-2	1727327	1433679	1641519	1600842	9.43	cps
Boron	10-1	3401	3334	3317	3351	1.32	cps
Boron	11-1	16785	17386	17294	17155	1.89	cps
Cadmium	111-1	2290	2634	2168	2364	10.23	cps
Cadmium	106-1	1450	1492	1317	1420	6.44	cps
Cadmium	108-1	96	63	83	81	20.91	cps
Calcium	43-1	8511	8086	7861	8153	4.05	cps
Calcium	44-1	139496	138300	141043	139613	0.99	cps
Chromium	52-2	3137	3007	3080	3075	2.12	cps
Cobalt	59-2	2404	2154	2270	2276	5.50	cps
Copper	63-2	4064	4111	4187	4121	1.51	cps
Dysprosium	156-1	8	0	8	6	86.60	cps
Dysprosium	156-2	3	3	0	2	86.60	cps
Erbium	164-1	25	67	42	44	47.19	cps
Erbium	164-2	17	0	10	9	94.38	cps
Gadolinium	160-1	58	50	58	56	8.67	cps
Gadolinium	160-2	10	13	23	16	44.60	cps
Holmium	165-1	5567513	5711257	6098593	5792454	4.74	cps
Holmium	165-2	2194919	1815516	2091077	2033837	9.64	cps
Indium	115-1	4665041	4861759	5129908	4885569	4.78	cps
Indium	115-2	434039	354248	411176	399821	10.28	cps
Iron	56-2	39323	40375	39963	39887	1.33	cps
Iron	57-2	1183	933	861	993	17.04	cps
Krypton	83-1	827	807	790	808	2.27	cps
Lead	206-1	3867	3745	3712	3775	2.17	cps
Lead	207-1	3328	3534	3378	3414	3.14	cps
Lead	208-1	15760	15021	15349	15376	2.41	cps
Lithium	6-1	1120047	1139788	1200611	1153482	3.64	cps
Magnesium	24-2	19856	20390	20524	20257	1.74	cps

LB Number :	LB99425	Operator :	Jaswal
Lab Sample ID :	LLICV01	Instrumnet Name :	P8
Client Sample ID :	LLICV01	Dilution Factor :	1
Date & Time Acquired ::	2018-11-27 16:55:33	DataFile Name :	020LLIC.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	400	387	450	412	8.10	cps
Molybdenum	94-1	11063	11580	11555	11400	2.56	cps
Molybdenum	95-1	14075	13732	13666	13824	1.59	cps
Molybdenum	96-1	14942	15318	14809	15023	1.76	cps
Molybdenum	97-1	8570	8028	9012	8536	5.77	cps
Molybdenum	98-1	21718	21618	22169	21835	1.34	cps
Neodymium	150-1	0	13	20	11	91.66	cps
Neodymium	150-2	0	0	0	0	0.00	cps
Nickel	60-2	743	723	703	723	2.77	cps
Phosphorus	31-2	8	0	8	6	86.60	cps
Potassium	39-2	16694	17011	17253	16986	1.65	cps
Rhodium	103-1	4768386	4848881	5046401	4887889	2.93	cps
Rhodium	103-2	2003983	1624711	1901195	1843296	10.64	cps
Scandium	45-1	3161615	3195876	3382943	3246811	3.67	cps
Scandium	45-2	48744	39049	46969	44921	11.49	cps
Selenium	77-2	10	13	7	10	33.30	cps
Selenium	78-2	19	28	19	22	24.74	cps
Selenium	82-1	522	408	458	463	12.28	cps
Silicon	28-1	255895	256758	256360	256338	0.17	cps
Silver	109-1	6452	6727	6727	6635	2.39	cps
Silver	107-1	7236	6835	7152	7074	2.99	cps
Sodium	23-2	50448	51854	50984	51095	1.39	cps
Strontium	86-1	3025	2784	3117	2975	5.79	cps
Strontium	88-1	14784	15092	15067	14981	1.14	cps
Sulfur	34-1	411100	407012	409272	409128	0.50	cps
Terbium	159-1	5917984	6001113	6372558	6097218	3.97	cps
Terbium	159-2	2190024	1793203	2079127	2020785	10.13	cps
Thallium	203-1	4559	4401	4259	4407	3.41	cps
Thallium	205-1	10563	11005	11231	10933	3.11	cps
Tin	118-1	21084	21201	21159	21148	0.28	cps
Titanium	47-1	3701	4034	3951	3895	4.45	cps
Uranium	238-1	13241	13366	14509	13705	5.10	cps
Vanadium	51-2	3724	3891	3921	3845	2.76	cps
Yttrium	89-1	5218905	5324488	5577249	5373547	3.43	cps
Yttrium	89-2	324361	265342	308196	299300	10.19	cps
Zinc	66-2	477	480	373	443	13.68	cps

LB Number :	LB99425	Operator :	Jaswal
Lab Sample ID :	LLICV01	Instrumnet Name :	P8
Client Sample ID :	LLICV01	Dilution Factor :	1
Date & Time Acquired ::	2018-11-27 16:55:33	DataFile Name :	020LLIC.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	90-1	9971	9987	10071	10010	0.54	cps
Zirconium	91-1	2075	2492	2150	2239	9.92	cps

LB Number : LB99425 Operator : Jaswal
 Lab Sample ID : ICB01 Instrumnet Name : P8
 Client Sample ID : ICB01 Dilution Factor : 1
 Date & Time Acquired :: 2018-11-27 17:02:06 DataFile Name : 021CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	13	35	25	24	46.66	cps
Antimony	121-1	100	233	175	169	39.45	cps
Arsenic	75-2	7	6	7	7	15.72	cps
Barium	135-1	8	0	17	8	100.02	cps
Barium	137-1	17	8	25	17	50.01	cps
Beryllium	9-1	83	89	67	80	14.52	cps
Bismuth	209-1	3528016	3531373	3523452	3527614	0.11	cps
Bismuth	209-2	1589713	1632793	1679758	1634088	2.76	cps
Boron	10-1	267	217	250	244	10.41	cps
Boron	11-1	1208	1108	1333	1217	9.27	cps
Cadmium	111-1	637	790	745	724	10.88	cps
Cadmium	106-1	908	1142	1067	1039	11.47	cps
Cadmium	108-1	4	13	8	8	49.98	cps
Calcium	43-1	600	492	592	561	10.75	cps
Calcium	44-1	15217	14767	15409	15131	2.18	cps
Chromium	52-2	990	1000	823	938	10.58	cps
Cobalt	59-2	70	90	57	72	23.23	cps
Copper	63-2	667	573	543	594	10.82	cps
Dysprosium	156-1	0	0	8	3	173.21	cps
Dysprosium	156-2	0	0	0	0	0.00	cps
Erbium	164-1	8	25	25	19	49.50	cps
Erbium	164-2	7	3	0	3	100.05	cps
Gadolinium	160-1	33	33	75	47	50.95	cps
Gadolinium	160-2	10	3	13	9	57.30	cps
Holmium	165-1	5554977	5583252	5562046	5566758	0.26	cps
Holmium	165-2	2062426	2082477	2144515	2096473	2.04	cps
Indium	115-1	4657760	4712592	4758329	4709560	1.07	cps
Indium	115-2	403989	410111	421755	411952	2.19	cps
Iron	56-2	2084	1989	1911	1995	4.32	cps
Iron	57-2	33	50	61	48	29.04	cps
Krypton	83-1	957	830	793	860	9.97	cps
Lead	206-1	161	156	150	156	3.57	cps
Lead	207-1	117	156	106	126	20.85	cps
Lead	208-1	583	567	600	583	2.86	cps
Lithium	6-1	1104943	1122027	1109761	1112243	0.79	cps
Magnesium	24-2	242	175	175	197	19.52	cps

LB Number :	LB99425	Operator :	Jaswal
Lab Sample ID :	ICB01	Instrumnet Name :	P8
Client Sample ID :	ICB01	Dilution Factor :	1
Date & Time Acquired ::	2018-11-27 17:02:06	DataFile Name :	021CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	37	43	37	39	9.89	cps
Molybdenum	94-1	117	175	200	164	26.09	cps
Molybdenum	95-1	50	83	25	53	55.46	cps
Molybdenum	96-1	100	117	50	89	39.03	cps
Molybdenum	97-1	25	75	33	44	60.28	cps
Molybdenum	98-1	67	67	75	69	6.93	cps
Neodymium	150-1	7	20	13	13	49.99	cps
Neodymium	150-2	3	0	0	1	173.21	cps
Nickel	60-2	97	73	70	80	18.17	cps
Phosphorus	31-2	42	17	8	22	78.07	cps
Potassium	39-2	5043	4934	4859	4946	1.86	cps
Rhodium	103-1	4668719	4669259	4684271	4674083	0.19	cps
Rhodium	103-2	1848519	1900339	1952364	1900407	2.73	cps
Scandium	45-1	3083361	3100706	3048512	3077526	0.86	cps
Scandium	45-2	45320	46199	46624	46048	1.44	cps
Selenium	77-2	3	0	3	2	86.60	cps
Selenium	78-2	6	2	2	3	69.39	cps
Selenium	82-1	-96	-23	49	-23	-309.70	cps
Silicon	28-1	212645	212044	213178	212622	0.27	cps
Silver	109-1	33	58	33	42	34.65	cps
Silver	107-1	33	100	8	47	100.35	cps
Sodium	23-2	6252	6327	6202	6260	1.01	cps
Strontium	86-1	1292	1417	1342	1350	4.66	cps
Strontium	88-1	42	92	42	58	49.48	cps
Sulfur	34-1	411513	410866	412077	411485	0.15	cps
Terbium	159-1	5838865	5803851	5853214	5831977	0.44	cps
Terbium	159-2	2046377	2093468	2137630	2092492	2.18	cps
Thallium	203-1	50	50	42	47	10.18	cps
Thallium	205-1	67	50	208	108	80.31	cps
Tin	118-1	425	325	400	383	13.58	cps
Titanium	47-1	92	83	142	106	29.89	cps
Uranium	238-1	8	50	8	22	108.27	cps
Vanadium	51-2	17	3	3	8	99.04	cps
Yttrium	89-1	5117302	5090096	5142065	5116488	0.51	cps
Yttrium	89-2	304993	308156	317972	310374	2.18	cps
Zinc	66-2	40	37	20	32	33.25	cps

LB Number :	LB99425	Operator :	Jaswal
Lab Sample ID :	ICB01	Instrumnet Name :	P8
Client Sample ID :	ICB01	Dilution Factor :	1
Date & Time Acquired ::	2018-11-27 17:02:06	DataFile Name :	021CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	90-1	467	417	417	433	6.66	cps
Zirconium	91-1	83	100	167	117	37.79	cps

LB Number : LB99425 Operator : Jaswal
 Lab Sample ID : ICSA01 Instrumnet Name : P8
 Client Sample ID : ICSA01 Dilution Factor : 1
 Date & Time Acquired :: 2018-11-27 17:09:03 DataFile Name : 022ICSA01.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	815569	806159	802493	808074	0.83	cps
Antimony	121-1	6952	7252	8220	7475	8.86	cps
Arsenic	75-2	33	54	44	44	23.27	cps
Barium	135-1	1884	1892	1684	1820	6.48	cps
Barium	137-1	3192	3017	3009	3073	3.37	cps
Beryllium	9-1	411	356	411	393	8.17	cps
Bismuth	209-1	3547258	3662397	3586950	3598869	1.63	cps
Bismuth	209-2	1522688	1510831	1532254	1521924	0.71	cps
Boron	10-1	392	342	408	381	9.12	cps
Boron	11-1	1700	1642	1642	1661	2.03	cps
Cadmium	111-1	1272	1131	1271	1225	6.60	cps
Cadmium	106-1	1050	875	1092	1006	11.43	cps
Cadmium	108-1	900	896	883	893	0.97	cps
Calcium	43-1	1473734	1455186	1484441	1471120	1.01	cps
Calcium	44-1	23246303	23184099	23083718	23171373	0.35	cps
Chromium	52-2	19434	19771	19858	19687	1.14	cps
Cobalt	59-2	2090	2294	2257	2214	4.90	cps
Copper	63-2	12866	12859	12849	12858	0.07	cps
Dysprosium	156-1	33	33	50	39	24.75	cps
Dysprosium	156-2	7	7	0	4	86.60	cps
Erbium	164-1	50	67	67	61	15.75	cps
Erbium	164-2	17	10	17	14	26.66	cps
Gadolinium	160-1	42	25	58	42	40.00	cps
Gadolinium	160-2	17	20	27	21	24.12	cps
Holmium	165-1	5819465	5839775	5916569	5858603	0.87	cps
Holmium	165-2	2032062	2001265	2044873	2026067	1.11	cps
Indium	115-1	4669245	4700367	4703021	4690877	0.40	cps
Indium	115-2	377944	373020	383130	378031	1.34	cps
Iron	56-2	68217725	67655982	67462738	67778815	0.58	cps
Iron	57-2	1760855	1725276	1709987	1732039	1.51	cps
Krypton	83-1	817	873	757	816	7.15	cps
Lead	206-1	17958	17641	18152	17917	1.44	cps
Lead	207-1	14253	13941	14080	14092	1.11	cps
Lead	208-1	66808	65923	67332	66688	1.07	cps
Lithium	6-1	1106089	1111674	1130105	1115956	1.13	cps
Magnesium	24-2	3671611	3628046	3618560	3639406	0.78	cps

LB Number : LB99425 Operator : Jaswal
 Lab Sample ID : ICSA01 Instrumnet Name : P8
 Client Sample ID : ICSA01 Dilution Factor : 1
 Date & Time Acquired :: 2018-11-27 17:09:03 DataFile Name : 022ICSA01.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	2287	2404	2464	2385	3.77	cps
Molybdenum	94-1	2935668	2960607	2956863	2951046	0.46	cps
Molybdenum	95-1	5096080	5245111	5196772	5179321	1.47	cps
Molybdenum	96-1	5506065	5574846	5602347	5561086	0.89	cps
Molybdenum	97-1	3230178	3238099	3283686	3250655	0.89	cps
Molybdenum	98-1	8255001	8301152	8320076	8292076	0.40	cps
Neodymium	150-1	7	20	40	22	75.49	cps
Neodymium	150-2	7	10	10	9	21.63	cps
Nickel	60-2	3234	3080	2950	3088	4.59	cps
Phosphorus	31-2	64565	66456	64004	65008	1.98	cps
Potassium	39-2	2336340	2358209	2315472	2336674	0.91	cps
Rhodium	103-1	4481224	4513889	4574416	4523176	1.05	cps
Rhodium	103-2	1760747	1728144	1778464	1755785	1.45	cps
Scandium	45-1	3025859	3013494	2995972	3011775	0.50	cps
Scandium	45-2	42902	42969	44163	43345	1.64	cps
Selenium	77-2	3	0	0	1	173.21	cps
Selenium	78-2	4	0	6	3	91.69	cps
Selenium	82-1	39	-75	112	26	368.30	cps
Silicon	28-1	276290	280455	273717	276821	1.23	cps
Silver	109-1	1108	1108	1233	1150	6.28	cps
Silver	107-1	1325	1167	1534	1342	13.71	cps
Sodium	23-2	8172665	8068803	8038850	8093439	0.87	cps
Strontium	86-1	55028	54886	55807	55240	0.90	cps
Strontium	88-1	472039	473968	468918	471642	0.54	cps
Sulfur	34-1	2037845	2021489	2016906	2025413	0.54	cps
Terbium	159-1	5991124	6104431	6156080	6083878	1.39	cps
Terbium	159-2	2044922	2007020	2059324	2037089	1.33	cps
Thallium	203-1	500	625	675	600	15.02	cps
Thallium	205-1	1534	1459	1484	1492	2.56	cps
Tin	118-1	908	892	1183	995	16.47	cps
Titanium	47-1	1446127	1457789	1431659	1445192	0.91	cps
Uranium	238-1	267	217	225	236	11.35	cps
Vanadium	51-2	103	123	130	119	11.67	cps
Yttrium	89-1	5142571	5109116	5138337	5130008	0.36	cps
Yttrium	89-2	291446	289228	294231	291635	0.86	cps
Zinc	66-2	1914	1947	2020	1960	2.78	cps

LB Number :	LB99425	Operator :	Jaswal
Lab Sample ID :	ICSA01	Instrumnet Name :	P8
Client Sample ID :	ICSA01	Dilution Factor :	1
Date & Time Acquired ::	2018-11-27 17:09:03	DataFile Name :	022ICSA01.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	90-1	658	575	583	606	7.58	cps
Zirconium	91-1	150	150	192	164	14.68	cps

LB Number : LB99425 Operator : Jaswal
 Lab Sample ID : ICSAB01 Instrumnet Name : P8
 Client Sample ID : ICSAB01 Dilution Factor : 1
 Date & Time Acquired :: 2018-11-27 17:12:21 DataFile Name : 023ICSB.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	817105	812780	802170	810685	0.95	cps
Antimony	121-1	128406	126863	126956	127408	0.68	cps
Arsenic	75-2	2439	2489	2404	2444	1.75	cps
Barium	135-1	27746	27229	27830	27602	1.18	cps
Barium	137-1	48323	47060	47001	47461	1.57	cps
Beryllium	9-1	20955	21756	21589	21433	1.97	cps
Bismuth	209-1	3642596	3595117	3601807	3613173	0.71	cps
Bismuth	209-2	1529947	1514334	1614070	1552784	3.45	cps
Boron	10-1	7102	6985	7035	7041	0.83	cps
Boron	11-1	35202	34551	35537	35097	1.43	cps
Cadmium	111-1	28529	28358	29110	28666	1.38	cps
Cadmium	106-1	3334	3376	3784	3498	7.11	cps
Cadmium	108-1	2734	2596	2813	2714	4.04	cps
Calcium	43-1	1490311	1470267	1474872	1478483	0.71	cps
Calcium	44-1	23506403	23377122	23469177	23450901	0.28	cps
Chromium	52-2	39439	38984	38914	39112	0.73	cps
Cobalt	59-2	41532	41569	41117	41406	0.61	cps
Copper	63-2	46799	46618	46160	46525	0.71	cps
Dysprosium	156-1	25	17	42	28	45.82	cps
Dysprosium	156-2	3	3	7	4	43.40	cps
Erbium	164-1	92	58	42	64	39.85	cps
Erbium	164-2	10	10	17	12	31.50	cps
Gadolinium	160-1	92	108	125	108	15.39	cps
Gadolinium	160-2	7	10	13	10	33.30	cps
Holmium	165-1	5790539	5973386	5922346	5895424	1.60	cps
Holmium	165-2	2027280	2029435	2165946	2074220	3.83	cps
Indium	115-1	4692772	4665308	4685571	4681217	0.30	cps
Indium	115-2	372772	377459	398049	382760	3.51	cps
Iron	56-2	68692100	68419928	67478032	68196687	0.93	cps
Iron	57-2	1771019	1764838	1732204	1756020	1.19	cps
Krypton	83-1	833	840	833	836	0.46	cps
Lead	206-1	93911	93605	93504	93673	0.23	cps
Lead	207-1	76966	76514	77391	76957	0.57	cps
Lead	208-1	361422	355824	359104	358784	0.78	cps
Lithium	6-1	1097612	1089352	1107420	1098128	0.82	cps
Magnesium	24-2	3682836	3689042	3599239	3657039	1.37	cps

LB Number :	LB99425	Operator :	Jaswal
Lab Sample ID :	ICSAB01	Instrumnet Name :	P8
Client Sample ID :	ICSAB01	Dilution Factor :	1
Date & Time Acquired ::	2018-11-27 17:12:21	DataFile Name :	023ICSB.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	8896	8526	8766	8730	2.15	cps
Molybdenum	94-1	3112718	3057620	3044646	3071661	1.18	cps
Molybdenum	95-1	5444612	5428797	5422613	5432008	0.21	cps
Molybdenum	96-1	5796757	5759699	5814943	5790466	0.49	cps
Molybdenum	97-1	3407285	3379558	3389240	3392028	0.41	cps
Molybdenum	98-1	8624904	8642763	8664139	8643935	0.23	cps
Neodymium	150-1	33	27	33	31	12.36	cps
Neodymium	150-2	0	7	17	8	107.84	cps
Nickel	60-2	14421	14384	14488	14431	0.36	cps
Phosphorus	31-2	65377	66523	65887	65929	0.87	cps
Potassium	39-2	2358836	2365461	2319964	2348087	1.05	cps
Rhodium	103-1	4542332	4548696	4488669	4526565	0.73	cps
Rhodium	103-2	1715454	1760975	1838128	1771519	3.50	cps
Scandium	45-1	3001028	2990118	3038914	3010020	0.85	cps
Scandium	45-2	43076	43223	45394	43898	2.96	cps
Selenium	77-2	23	33	23	27	21.65	cps
Selenium	78-2	72	85	56	71	20.92	cps
Selenium	82-1	1819	1685	1753	1752	3.82	cps
Silicon	28-1	435797	435558	435623	435659	0.03	cps
Silver	109-1	122176	123479	123638	123098	0.65	cps
Silver	107-1	129375	130133	130965	130158	0.61	cps
Sodium	23-2	8230212	8172414	8079121	8160582	0.93	cps
Strontium	86-1	56367	56819	56719	56635	0.42	cps
Strontium	88-1	482808	482111	478850	481256	0.44	cps
Sulfur	34-1	2037213	2031878	2031126	2033406	0.16	cps
Terbium	159-1	6107108	6116547	6154937	6126197	0.41	cps
Terbium	159-2	2027531	2032391	2115945	2058622	2.41	cps
Thallium	203-1	92604	94560	91345	92836	1.75	cps
Thallium	205-1	222265	221966	222376	222202	0.10	cps
Tin	118-1	218685	216440	213959	216361	1.09	cps
Titanium	47-1	1492057	1473280	1465150	1476829	0.93	cps
Uranium	238-1	317	275	250	281	12.01	cps
Vanadium	51-2	14094	13864	14234	14064	1.33	cps
Yttrium	89-1	5162711	5120222	5127883	5136939	0.44	cps
Yttrium	89-2	288777	290388	306270	295145	3.28	cps
Zinc	66-2	5491	5468	5438	5466	0.49	cps

LB Number :	LB99425	Operator :	Jaswal
Lab Sample ID :	ICSAB01	Instrumnet Name :	P8
Client Sample ID :	ICSAB01	Dilution Factor :	1
Date & Time Acquired ::	2018-11-27 17:12:21	DataFile Name :	023ICSB.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	90-1	542	608	458	536	14.02	cps
Zirconium	91-1	125	142	125	131	7.37	cps

LB Number :	LB99425	Operator :	Jaswal
Lab Sample ID :	CCV68	Instrumnet Name :	P8
Client Sample ID :	CCV68	Dilution Factor :	1
Date & Time Acquired ::	2018-11-27 17:17:51	DataFile Name :	024CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	478874	478591	476008	477824	0.33	cps
Antimony	121-1	3106247	3098737	3110002	3104995	0.18	cps
Arsenic	75-2	61588	63073	62003	62221	1.23	cps
Barium	135-1	3310457	3275642	3269629	3285243	0.67	cps
Barium	137-1	5503788	5528295	5512272	5514785	0.23	cps
Beryllium	9-1	529574	533946	532918	532146	0.43	cps
Bismuth	209-1	3587308	3522747	3586783	3565613	1.04	cps
Bismuth	209-2	1525965	1538849	1531905	1532240	0.42	cps
Boron	10-1	62504	63265	64445	63405	1.54	cps
Boron	11-1	314146	321922	318205	318091	1.22	cps
Cadmium	111-1	701733	709021	709314	706689	0.61	cps
Cadmium	106-1	73661	74263	75034	74320	0.93	cps
Cadmium	108-1	51293	50127	50189	50536	1.30	cps
Calcium	43-1	3815565	3859663	3823195	3832808	0.61	cps
Calcium	44-1	61069626	61531497	61301993	61301039	0.38	cps
Chromium	52-2	511946	515295	512194	513145	0.36	cps
Cobalt	59-2	985624	984200	983334	984386	0.12	cps
Copper	63-2	1639249	1636625	1642951	1639608	0.19	cps
Dysprosium	156-1	92	75	50	72	29.04	cps
Dysprosium	156-2	3	17	20	13	66.16	cps
Erbium	164-1	50	42	25	39	32.73	cps
Erbium	164-2	13	0	20	11	91.66	cps
Gadolinium	160-1	100	75	58	78	26.96	cps
Gadolinium	160-2	40	20	30	30	33.33	cps
Holmium	165-1	5926852	5907749	5933055	5922552	0.22	cps
Holmium	165-2	2080509	2097928	2060658	2079698	0.90	cps
Indium	115-1	4674150	4689317	4670395	4677954	0.21	cps
Indium	115-2	382272	378520	377208	379333	0.69	cps
Iron	56-2	87576002	88033519	87296144	87635221	0.42	cps
Iron	57-2	2253181	2254343	2257290	2254938	0.09	cps
Krypton	83-1	750	883	800	811	8.30	cps
Lead	206-1	1872328	1847550	1871619	1863832	0.76	cps
Lead	207-1	1668781	1673354	1672166	1671434	0.14	cps
Lead	208-1	7541671	7481370	7571740	7531594	0.61	cps
Lithium	6-1	1072480	1071241	1069827	1071183	0.12	cps
Magnesium	24-2	9493860	9501358	9518287	9504502	0.13	cps

LB Number :	LB99425	Operator :	Jaswal
Lab Sample ID :	CCV68	Instrumnet Name :	P8
Client Sample ID :	CCV68	Dilution Factor :	1
Date & Time Acquired ::	2018-11-27 17:17:51	DataFile Name :	024CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	322192	321626	321123	321647	0.17	cps
Molybdenum	94-1	5562762	5543686	5630615	5579021	0.82	cps
Molybdenum	95-1	6868808	6860214	6903550	6877524	0.33	cps
Molybdenum	96-1	7571473	7637134	7639443	7616017	0.51	cps
Molybdenum	97-1	4251645	4333533	4331734	4305637	1.09	cps
Molybdenum	98-1	11005347	10927361	11239539	11057416	1.47	cps
Neodymium	150-1	187	153	147	162	13.21	cps
Neodymium	150-2	3	10	20	11	75.52	cps
Nickel	60-2	291408	294381	290558	292116	0.69	cps
Phosphorus	31-2	6810	7019	6769	6866	1.95	cps
Potassium	39-2	3008101	3002807	3021386	3010765	0.32	cps
Rhodium	103-1	4507219	4452750	4500754	4486908	0.66	cps
Rhodium	103-2	1753876	1763205	1756906	1757996	0.27	cps
Scandium	45-1	3070382	3058984	3065915	3065094	0.19	cps
Scandium	45-2	45306	44741	44494	44847	0.93	cps
Selenium	77-2	610	520	530	553	8.92	cps
Selenium	78-2	1826	1882	1913	1874	2.35	cps
Selenium	82-1	44422	44232	44672	44442	0.50	cps
Silicon	28-1	2046679	2135304	2153238	2111740	2.70	cps
Silver	109-1	3259734	3213700	3263602	3245679	0.86	cps
Silver	107-1	3437422	3387466	3391167	3405352	0.82	cps
Sodium	23-2	20610857	20550299	20495870	20552342	0.28	cps
Strontium	86-1	834496	840612	842337	839149	0.49	cps
Strontium	88-1	7269362	7264967	7304403	7279577	0.30	cps
Sulfur	34-1	575037	571646	571970	572884	0.33	cps
Terbium	159-1	6178523	6110875	6211697	6167032	0.83	cps
Terbium	159-2	2080648	2074759	2073672	2076359	0.18	cps
Thallium	203-1	2356888	2373035	2380263	2370062	0.50	cps
Thallium	205-1	5530483	5523639	5592519	5548881	0.68	cps
Tin	118-1	2142028	2195566	2174074	2170556	1.24	cps
Titanium	47-1	1861923	1855208	1855807	1857646	0.20	cps
Uranium	238-1	7222242	7245740	7385285	7284422	1.21	cps
Vanadium	51-2	371929	372733	370695	371786	0.28	cps
Yttrium	89-1	5222477	5172630	5195310	5196805	0.48	cps
Yttrium	89-2	297244	297072	295152	296489	0.39	cps
Zinc	66-2	174687	175429	172474	174197	0.88	cps

LB Number :	LB99425	Operator :	Jaswal
Lab Sample ID :	CCV68	Instrumnet Name :	P8
Client Sample ID :	CCV68	Dilution Factor :	1
Date & Time Acquired ::	2018-11-27 17:17:51	DataFile Name :	024CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	90-1	4661548	4619227	4693618	4658131	0.80	cps
Zirconium	91-1	1028904	1023712	1031471	1028029	0.38	cps

LB Number :	LB99425	Operator :	Jaswal
Lab Sample ID :	CCB68	Instrumnet Name :	P8
Client Sample ID :	CCB68	Dilution Factor :	1
Date & Time Acquired ::	2018-11-27 17:27:14	DataFile Name :	025CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	23	28	18	23	22.24	cps
Antimony	121-1	725	975	883	861	14.69	cps
Arsenic	75-2	11	6	7	8	35.21	cps
Barium	135-1	8	8	8	8	0.00	cps
Barium	137-1	8	33	50	31	68.64	cps
Beryllium	9-1	78	94	33	69	46.11	cps
Bismuth	209-1	3621597	3612916	3718769	3651094	1.61	cps
Bismuth	209-2	1561791	1577608	1515781	1551726	2.07	cps
Boron	10-1	508	467	417	464	9.89	cps
Boron	11-1	2717	2325	2650	2564	8.17	cps
Cadmium	111-1	864	666	826	786	13.37	cps
Cadmium	106-1	1242	950	1167	1120	13.53	cps
Cadmium	108-1	25	4	4	11	108.21	cps
Calcium	43-1	517	442	600	519	15.25	cps
Calcium	44-1	14775	14725	15009	14836	1.02	cps
Chromium	52-2	873	833	877	861	2.80	cps
Cobalt	59-2	87	77	83	82	6.19	cps
Copper	63-2	740	753	713	736	2.77	cps
Dysprosium	156-1	8	8	0	6	86.60	cps
Dysprosium	156-2	0	0	0	0	0.00	cps
Erbium	164-1	25	8	17	17	50.01	cps
Erbium	164-2	7	7	0	4	86.60	cps
Gadolinium	160-1	50	33	58	47	26.97	cps
Gadolinium	160-2	7	10	13	10	33.30	cps
Holmium	165-1	5729420	5745351	5803086	5759286	0.67	cps
Holmium	165-2	1984773	2006126	1963017	1984638	1.09	cps
Indium	115-1	4638386	4690960	4752222	4693856	1.21	cps
Indium	115-2	386617	388534	376551	383901	1.68	cps
Iron	56-2	2028	2172	1978	2059	4.90	cps
Iron	57-2	44	67	78	63	26.95	cps
Krypton	83-1	817	960	823	867	9.33	cps
Lead	206-1	261	244	267	257	4.49	cps
Lead	207-1	167	233	194	198	16.90	cps
Lead	208-1	900	1022	1000	974	6.68	cps
Lithium	6-1	1087541	1077240	1096180	1086987	0.87	cps
Magnesium	24-2	275	258	308	281	9.07	cps

LB Number :	LB99425	Operator :	Jaswal
Lab Sample ID :	CCB68	Instrumnet Name :	P8
Client Sample ID :	CCB68	Dilution Factor :	1
Date & Time Acquired ::	2018-11-27 17:27:14	DataFile Name :	025CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	33	43	33	37	15.75	cps
Molybdenum	94-1	317	383	308	336	12.23	cps
Molybdenum	95-1	283	258	358	300	17.35	cps
Molybdenum	96-1	317	383	367	356	9.76	cps
Molybdenum	97-1	175	250	167	197	23.27	cps
Molybdenum	98-1	533	400	458	464	14.41	cps
Neodymium	150-1	7	0	0	2	173.21	cps
Neodymium	150-2	0	0	0	0	0.00	cps
Nickel	60-2	63	60	60	61	3.15	cps
Phosphorus	31-2	8	17	0	8	100.02	cps
Potassium	39-2	5435	5226	5318	5326	1.96	cps
Rhodium	103-1	4588275	4613149	4685220	4628881	1.09	cps
Rhodium	103-2	1838909	1859630	1770747	1823095	2.55	cps
Scandium	45-1	2975843	2941313	2971368	2962841	0.63	cps
Scandium	45-2	43420	43878	42003	43100	2.27	cps
Selenium	77-2	0	0	0	0	0.00	cps
Selenium	78-2	4	7	2	4	65.54	cps
Selenium	82-1	24	-117	3	-30	-252.54	cps
Silicon	28-1	190969	191566	193131	191889	0.58	cps
Silver	109-1	142	158	117	139	15.10	cps
Silver	107-1	167	167	133	156	12.37	cps
Sodium	23-2	8228	8286	7961	8158	2.13	cps
Strontium	86-1	1258	1175	1434	1289	10.23	cps
Strontium	88-1	33	58	42	44	28.65	cps
Sulfur	34-1	371996	370516	370215	370909	0.26	cps
Terbium	159-1	5955612	5945305	6021863	5974260	0.70	cps
Terbium	159-2	2050856	2017411	1957270	2008512	2.36	cps
Thallium	203-1	233	192	167	197	17.08	cps
Thallium	205-1	433	417	442	431	2.96	cps
Tin	118-1	325	308	350	328	6.40	cps
Titanium	47-1	158	42	83	94	62.60	cps
Uranium	238-1	25	8	25	19	49.50	cps
Vanadium	51-2	3	10	7	7	50.03	cps
Yttrium	89-1	5041631	5052494	5095878	5063334	0.57	cps
Yttrium	89-2	291861	292013	281936	288603	2.00	cps
Zinc	66-2	30	47	23	33	36.07	cps

LB Number :	LB99425	Operator :	Jaswal
Lab Sample ID :	CCB68	Instrumnet Name :	P8
Client Sample ID :	CCB68	Dilution Factor :	1
Date & Time Acquired ::	2018-11-27 17:27:14	DataFile Name :	025CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	90-1	475	492	425	464	7.48	cps
Zirconium	91-1	108	83	108	100	14.43	cps

LB Number :	LB99425	Operator :	Jaswal
Lab Sample ID :	CRI	Instrumnet Name :	P8
Client Sample ID :	CRI	Dilution Factor :	1
Date & Time Acquired ::	2018-11-27 17:30:37	DataFile Name :	026LLCC.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	233	225	205	221	6.44	cps
Antimony	121-1	11681	12323	12398	12134	3.25	cps
Arsenic	75-2	144	124	133	134	7.61	cps
Barium	135-1	12415	12848	12398	12554	2.03	cps
Barium	137-1	21760	21410	22320	21830	2.10	cps
Beryllium	9-1	1095	1228	1200	1174	5.99	cps
Bismuth	209-1	3764726	3822441	3819029	3802065	0.85	cps
Bismuth	209-2	1635118	1584028	1566273	1595139	2.24	cps
Boron	10-1	3476	3376	3434	3428	1.47	cps
Boron	11-1	16518	16819	17303	16880	2.34	cps
Cadmium	111-1	2352	2211	2153	2239	4.57	cps
Cadmium	106-1	1350	1267	1383	1333	4.51	cps
Cadmium	108-1	92	108	129	110	17.12	cps
Calcium	43-1	8061	7602	8219	7961	4.03	cps
Calcium	44-1	132354	135430	136087	134624	1.48	cps
Chromium	52-2	2947	3060	3060	3023	2.17	cps
Cobalt	59-2	1984	2000	2234	2072	6.75	cps
Copper	63-2	4131	3954	4347	4144	4.76	cps
Dysprosium	156-1	33	8	8	17	86.64	cps
Dysprosium	156-2	7	0	0	2	173.21	cps
Erbium	164-1	17	17	17	17	0.00	cps
Erbium	164-2	3	13	13	10	57.75	cps
Gadolinium	160-1	42	83	33	53	50.76	cps
Gadolinium	160-2	13	3	3	7	86.65	cps
Holmium	165-1	5857425	5866736	5938533	5887565	0.75	cps
Holmium	165-2	2071502	2063617	2046451	2060523	0.62	cps
Indium	115-1	4846577	4914135	4885739	4882150	0.69	cps
Indium	115-2	402879	394302	393523	396901	1.31	cps
Iron	56-2	38565	38264	37595	38142	1.30	cps
Iron	57-2	900	995	1056	983	7.97	cps
Krypton	83-1	897	880	873	883	1.36	cps
Lead	206-1	4212	3979	3923	4038	3.80	cps
Lead	207-1	3306	3506	3673	3495	5.25	cps
Lead	208-1	16293	15882	16277	16151	1.44	cps
Lithium	6-1	1126965	1141819	1129815	1132867	0.70	cps
Magnesium	24-2	19614	19347	19130	19364	1.25	cps

LB Number :	LB99425	Operator :	Jaswal
Lab Sample ID :	CRI	Instrumnet Name :	P8
Client Sample ID :	CRI	Dilution Factor :	1
Date & Time Acquired ::	2018-11-27 17:30:37	DataFile Name :	026LLCC.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	387	370	410	389	5.17	cps
Molybdenum	94-1	11163	11230	10555	10983	3.39	cps
Molybdenum	95-1	13541	13357	13808	13568	1.67	cps
Molybdenum	96-1	15026	15726	15518	15423	2.33	cps
Molybdenum	97-1	8870	8720	8445	8678	2.49	cps
Molybdenum	98-1	21810	22086	21910	21935	0.64	cps
Neodymium	150-1	0	13	0	4	173.21	cps
Neodymium	150-2	0	0	0	0	0.00	cps
Nickel	60-2	713	647	693	684	5.00	cps
Phosphorus	31-2	8	0	8	6	86.60	cps
Potassium	39-2	17336	16427	16702	16822	2.77	cps
Rhodium	103-1	4762400	4812677	4821499	4798859	0.66	cps
Rhodium	103-2	1902985	1869094	1849858	1873979	1.44	cps
Scandium	45-1	3075816	3102986	3130273	3103025	0.88	cps
Scandium	45-2	44621	44671	44082	44458	0.73	cps
Selenium	77-2	13	7	3	8	65.47	cps
Selenium	78-2	28	28	33	30	10.81	cps
Selenium	82-1	370	435	465	423	11.46	cps
Silicon	28-1	240785	240747	240098	240543	0.16	cps
Silver	109-1	6410	7069	6594	6691	5.08	cps
Silver	107-1	7252	6652	6869	6924	4.39	cps
Sodium	23-2	49705	50608	50842	50385	1.19	cps
Strontium	86-1	2867	2942	3059	2956	3.27	cps
Strontium	88-1	14692	14875	14583	14717	1.00	cps
Sulfur	34-1	373274	371770	369155	371400	0.56	cps
Terbium	159-1	6092569	6172852	6196184	6153868	0.88	cps
Terbium	159-2	2109913	2088172	2036791	2078292	1.81	cps
Thallium	203-1	4918	4609	4835	4787	3.33	cps
Thallium	205-1	11289	11748	11681	11573	2.14	cps
Tin	118-1	21376	21468	21535	21460	0.37	cps
Titanium	47-1	3626	3726	3942	3765	4.30	cps
Uranium	238-1	14559	14576	14326	14487	0.97	cps
Vanadium	51-2	3737	3467	3514	3573	4.04	cps
Yttrium	89-1	5204829	5253460	5257256	5238515	0.56	cps
Yttrium	89-2	305338	297719	298471	300510	1.40	cps
Zinc	66-2	497	450	473	473	4.93	cps

LB Number :	LB99425	Operator :	Jaswal
Lab Sample ID :	CRI	Instrumnet Name :	P8
Client Sample ID :	CRI	Dilution Factor :	1
Date & Time Acquired ::	2018-11-27 17:30:37	DataFile Name :	026LLCC.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	90-1	9537	10096	10596	10076	5.26	cps
Zirconium	91-1	2267	1959	2242	2156	7.95	cps

LB Number : LB99425 Operator : Jaswal
 Lab Sample ID : PB114857BL Instrumnet Name : P8
 Client Sample ID : PB114857BL Dilution Factor : 1
 Date & Time Acquired :: 2018-11-27 17:34:10 DataFile Name : 027CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	30	45	35	37	20.82	cps
Antimony	121-1	242	225	183	217	13.87	cps
Arsenic	75-2	4	9	6	6	45.85	cps
Barium	135-1	0	8	8	6	86.60	cps
Barium	137-1	50	17	17	28	69.27	cps
Beryllium	9-1	117	78	94	96	20.26	cps
Bismuth	209-1	3804754	3832140	3778733	3805209	0.70	cps
Bismuth	209-2	1666837	1649710	1606218	1640921	1.90	cps
Boron	10-1	325	325	275	308	9.36	cps
Boron	11-1	1742	1608	1725	1692	4.30	cps
Cadmium	111-1	938	837	781	852	9.30	cps
Cadmium	106-1	1342	1200	1108	1217	9.66	cps
Cadmium	108-1	8	4	4	6	43.22	cps
Calcium	43-1	500	383	508	464	15.07	cps
Calcium	44-1	14366	14658	15017	14680	2.22	cps
Chromium	52-2	837	923	870	877	4.99	cps
Cobalt	59-2	87	87	113	96	16.11	cps
Copper	63-2	660	647	590	632	5.88	cps
Dysprosium	156-1	0	17	25	14	91.65	cps
Dysprosium	156-2	0	3	0	1	173.21	cps
Erbium	164-1	0	8	33	14	124.91	cps
Erbium	164-2	7	3	7	6	34.70	cps
Gadolinium	160-1	17	58	58	44	54.12	cps
Gadolinium	160-2	17	17	23	19	20.36	cps
Holmium	165-1	5895577	5935907	5999973	5943819	0.89	cps
Holmium	165-2	2084171	2091923	2053922	2076672	0.97	cps
Indium	115-1	4871524	4937106	4925636	4911422	0.71	cps
Indium	115-2	401670	403924	401757	402450	0.32	cps
Iron	56-2	2100	2361	1878	2113	11.45	cps
Iron	57-2	39	28	56	41	34.32	cps
Krypton	83-1	903	907	770	860	9.07	cps
Lead	206-1	194	156	222	191	17.56	cps
Lead	207-1	178	161	211	183	13.89	cps
Lead	208-1	806	839	911	852	6.33	cps
Lithium	6-1	1141188	1143359	1135236	1139927	0.37	cps
Magnesium	24-2	233	342	175	250	33.83	cps

LB Number :	LB99425	Operator :	Jaswal
Lab Sample ID :	PB114857BL	Instrumnet Name :	P8
Client Sample ID :	PB114857BL	Dilution Factor :	1
Date & Time Acquired ::	2018-11-27 17:34:10	DataFile Name :	027CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	33	33	70	46	46.48	cps
Molybdenum	94-1	217	225	250	231	7.53	cps
Molybdenum	95-1	67	117	100	94	26.96	cps
Molybdenum	96-1	192	142	100	144	31.78	cps
Molybdenum	97-1	42	75	75	64	30.12	cps
Molybdenum	98-1	142	83	150	125	29.06	cps
Neodymium	150-1	13	0	7	7	99.98	cps
Neodymium	150-2	0	0	0	0	0.00	cps
Nickel	60-2	87	73	57	72	20.81	cps
Phosphorus	31-2	8	8	8	8	0.00	cps
Potassium	39-2	4793	5160	5235	5062	4.67	cps
Rhodium	103-1	4772170	4804101	4870909	4815727	1.05	cps
Rhodium	103-2	1922105	1939487	1899193	1920262	1.05	cps
Scandium	45-1	3081519	3089493	3125840	3098951	0.76	cps
Scandium	45-2	45992	45373	45025	45463	1.08	cps
Selenium	77-2	0	0	0	0	0.00	cps
Selenium	78-2	7	2	4	4	65.54	cps
Selenium	82-1	-89	-103	28	-55	-130.87	cps
Silicon	28-1	198917	195236	193908	196020	1.32	cps
Silver	109-1	167	108	142	139	21.07	cps
Silver	107-1	117	92	92	100	14.43	cps
Sodium	23-2	7377	7611	7369	7452	1.84	cps
Strontium	86-1	1275	1450	1367	1364	6.42	cps
Strontium	88-1	50	42	25	39	32.73	cps
Sulfur	34-1	378381	374031	377208	376540	0.60	cps
Terbium	159-1	6150620	6204110	6136948	6163893	0.58	cps
Terbium	159-2	2116441	2109717	2080760	2102306	0.90	cps
Thallium	203-1	92	133	150	125	24.04	cps
Thallium	205-1	275	275	208	253	15.23	cps
Tin	118-1	383	358	375	372	3.42	cps
Titanium	47-1	125	108	75	103	24.77	cps
Uranium	238-1	0	25	17	14	91.65	cps
Vanadium	51-2	10	7	7	8	24.71	cps
Yttrium	89-1	5240329	5376156	5301507	5305997	1.28	cps
Yttrium	89-2	304044	306462	305727	305411	0.41	cps
Zinc	66-2	43	30	20	31	37.62	cps

LB Number :	LB99425	Operator :	Jaswal
Lab Sample ID :	PB114857BL	Instrumnet Name :	P8
Client Sample ID :	PB114857BL	Dilution Factor :	1
Date & Time Acquired ::	2018-11-27 17:34:10	DataFile Name :	027CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	90-1	542	408	375	442	19.97	cps
Zirconium	91-1	92	108	92	97	9.90	cps

LB Number :	LB99425	Operator :	Jaswal
Lab Sample ID :	J5807-12DL3X20	Instrumnet Name :	P8
Client Sample ID :	PT-MET-SOILDL	Dilution Factor :	20
Date & Time Acquired ::	2018-11-27 17:37:32	DataFile Name :	028SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	41059	41227	41142	41143	0.20	cps
Antimony	121-1	140650	138790	138479	139306	0.84	cps
Arsenic	75-2	5201	5170	5227	5199	0.55	cps
Barium	135-1	176048	173162	175836	175015	0.92	cps
Barium	137-1	301341	299509	299257	300035	0.38	cps
Beryllium	9-1	94341	94508	95113	94654	0.43	cps
Bismuth	209-1	3809654	3715894	3776663	3767404	1.26	cps
Bismuth	209-2	1598283	1600196	1623678	1607385	0.88	cps
Boron	10-1	18588	18362	19264	18738	2.50	cps
Boron	11-1	92522	93294	94762	93526	1.22	cps
Cadmium	111-1	56840	56930	57462	57077	0.59	cps
Cadmium	106-1	6118	5960	6252	6110	2.39	cps
Cadmium	108-1	3776	3692	3930	3799	3.17	cps
Calcium	43-1	69230	68199	66767	68066	1.82	cps
Calcium	44-1	1106743	1109623	1105081	1107149	0.21	cps
Chromium	52-2	114134	112978	115038	114050	0.91	cps
Cobalt	59-2	59182	59215	57381	58593	1.79	cps
Copper	63-2	37778	37554	37120	37484	0.89	cps
Dysprosium	156-1	5752	5818	5927	5832	1.52	cps
Dysprosium	156-2	1770	1777	1723	1757	1.65	cps
Erbium	164-1	3542	3759	3992	3765	5.98	cps
Erbium	164-2	1287	1213	1470	1323	9.99	cps
Gadolinium	160-1	4976	4793	5068	4946	2.83	cps
Gadolinium	160-2	2157	2047	2180	2128	3.35	cps
Holmium	165-1	5965655	5996268	6042236	6001386	0.64	cps
Holmium	165-2	2101841	2082117	2095587	2093182	0.48	cps
Indium	115-1	4875585	4864448	4966911	4902314	1.15	cps
Indium	115-2	397006	395430	401865	398100	0.84	cps
Iron	56-2	5249626	5229466	5266271	5248454	0.35	cps
Iron	57-2	131178	130146	131789	131038	0.63	cps
Krypton	83-1	800	800	910	837	7.59	cps
Lead	206-1	450348	446935	454144	450476	0.80	cps
Lead	207-1	386567	385886	389256	387237	0.46	cps
Lead	208-1	1793339	1775008	1788783	1785710	0.53	cps
Lithium	6-1	1290277	1315137	1290254	1298556	1.11	cps
Magnesium	24-2	256635	252284	253521	254147	0.88	cps

LB Number :	LB99425	Operator :	Jaswal
Lab Sample ID :	J5807-12DL3X20	Instrumnet Name :	P8
Client Sample ID :	PT-MET-SOILDL	Dilution Factor :	20
Date & Time Acquired ::	2018-11-27 17:37:32	DataFile Name :	028SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	155150	151622	152350	153041	1.22	cps
Molybdenum	94-1	84815	83230	84118	84054	0.95	cps
Molybdenum	95-1	134712	135014	137028	135585	0.93	cps
Molybdenum	96-1	145811	143746	146281	145279	0.93	cps
Molybdenum	97-1	84347	84312	84018	84226	0.21	cps
Molybdenum	98-1	218068	215410	217815	217098	0.68	cps
Neodymium	150-1	10204	10591	10625	10473	2.23	cps
Neodymium	150-2	2570	2567	2467	2535	2.32	cps
Nickel	60-2	28753	28773	28706	28744	0.12	cps
Phosphorus	31-2	192	158	175	175	9.53	cps
Potassium	39-2	251499	250794	248894	250396	0.54	cps
Rhodium	103-1	4826771	4779441	4820948	4809054	0.54	cps
Rhodium	103-2	1865625	1839906	1888664	1864732	1.31	cps
Scandium	45-1	3137162	3071736	3073292	3094064	1.21	cps
Scandium	45-2	45614	45383	44684	45227	1.07	cps
Selenium	77-2	103	137	130	123	14.30	cps
Selenium	78-2	387	374	420	394	6.06	cps
Selenium	82-1	8996	8911	8829	8912	0.94	cps
Silicon	28-1	4611845	4608733	4577448	4599342	0.41	cps
Silver	109-1	110904	111374	112753	111677	0.86	cps
Silver	107-1	117349	117409	116702	117154	0.33	cps
Sodium	23-2	117204	116718	117533	117151	0.35	cps
Strontium	86-1	168368	166792	166527	167229	0.60	cps
Strontium	88-1	1472003	1480600	1480964	1477856	0.34	cps
Sulfur	34-1	354740	350150	345217	350035	1.36	cps
Terbium	159-1	6159974	6126578	6225178	6170577	0.81	cps
Terbium	159-2	2106041	2073751	2138534	2106109	1.54	cps
Thallium	203-1	293879	298380	301077	297779	1.22	cps
Thallium	205-1	710157	710207	717736	712700	0.61	cps
Tin	118-1	345895	345425	351298	347539	0.94	cps
Titanium	47-1	216006	216025	218003	216678	0.53	cps
Uranium	238-1	449663	451077	445014	448584	0.71	cps
Vanadium	51-2	76484	77262	75529	76425	1.14	cps
Yttrium	89-1	5327447	5337230	5372350	5345676	0.44	cps
Yttrium	89-2	302183	304083	305363	303877	0.53	cps
Zinc	66-2	69764	69125	70006	69631	0.65	cps

LB Number :	LB99425	Operator :	Jaswal
Lab Sample ID :	J5807-12DL3X20	Instrumnet Name :	P8
Client Sample ID :	PT-MET-SOILDL	Dilution Factor :	20
Date & Time Acquired ::	2018-11-27 17:37:32	DataFile Name :	028SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	90-1	19398	19415	19373	19395	0.11	cps
Zirconium	91-1	4318	4159	4434	4304	3.21	cps

LB Number :	LB99425	Operator :	Jaswal
Lab Sample ID :	J5807-12DL2X10	Instrumnet Name :	P8
Client Sample ID :	PT-MET-SOILDL2	Dilution Factor :	10
Date & Time Acquired ::	2018-11-27 17:40:53	DataFile Name :	029SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	82138	80231	81582	81317	1.21	cps
Antimony	121-1	277174	281383	277775	278777	0.82	cps
Arsenic	75-2	10341	10415	10285	10347	0.63	cps
Barium	135-1	344441	347911	351337	347897	0.99	cps
Barium	137-1	598952	597409	605567	600643	0.72	cps
Beryllium	9-1	187555	189250	188715	188507	0.46	cps
Bismuth	209-1	3828974	3823146	3826770	3826297	0.08	cps
Bismuth	209-2	1455039	1629171	1670707	1584972	7.22	cps
Boron	10-1	36639	36798	37208	36882	0.80	cps
Boron	11-1	184649	189065	192273	188662	2.03	cps
Cadmium	111-1	110695	111884	111810	111463	0.60	cps
Cadmium	106-1	11472	11130	11197	11266	1.61	cps
Cadmium	108-1	7298	7231	7548	7359	2.27	cps
Calcium	43-1	137005	135188	135304	135832	0.75	cps
Calcium	44-1	2221745	2206908	2191803	2206819	0.68	cps
Chromium	52-2	225601	225200	224854	225218	0.17	cps
Cobalt	59-2	115917	113605	116442	115321	1.31	cps
Copper	63-2	73255	72511	73698	73155	0.82	cps
Dysprosium	156-1	11522	11706	11547	11592	0.86	cps
Dysprosium	156-2	3507	3534	3571	3537	0.90	cps
Erbium	164-1	8086	7869	8145	8033	1.80	cps
Erbium	164-2	2577	2740	2694	2670	3.15	cps
Gadolinium	160-1	9362	9996	9821	9726	3.36	cps
Gadolinium	160-2	4161	4344	3924	4143	5.08	cps
Holmium	165-1	6032935	6036256	6068054	6045749	0.32	cps
Holmium	165-2	1892771	2154466	2143215	2063484	7.17	cps
Indium	115-1	4820102	4900865	4925201	4882056	1.13	cps
Indium	115-2	359983	405399	404152	389844	6.64	cps
Iron	56-2	10381876	10240925	10268363	10297055	0.73	cps
Iron	57-2	260564	255575	258589	258243	0.97	cps
Krypton	83-1	913	790	913	872	8.16	cps
Lead	206-1	912941	904453	905207	907534	0.52	cps
Lead	207-1	784593	785528	783002	784374	0.16	cps
Lead	208-1	3653808	3658136	3651314	3654420	0.09	cps
Lithium	6-1	1449970	1462225	1436262	1449486	0.90	cps
Magnesium	24-2	507877	497715	505759	503784	1.06	cps

LB Number :	LB99425	Operator :	Jaswal
Lab Sample ID :	J5807-12DL2X10	Instrumnet Name :	P8
Client Sample ID :	PT-MET-SOILDL2	Dilution Factor :	10
Date & Time Acquired ::	2018-11-27 17:40:53	DataFile Name :	029SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	304188	298560	301735	301494	0.94	cps
Molybdenum	94-1	166357	166507	166484	166450	0.05	cps
Molybdenum	95-1	270267	268990	272657	270638	0.69	cps
Molybdenum	96-1	288910	291743	294194	291616	0.91	cps
Molybdenum	97-1	168930	169454	170148	169511	0.36	cps
Molybdenum	98-1	428792	432931	433191	431638	0.57	cps
Neodymium	150-1	21919	22440	21131	21830	3.02	cps
Neodymium	150-2	5201	4784	4861	4949	4.48	cps
Nickel	60-2	56297	55805	56668	56257	0.77	cps
Phosphorus	31-2	392	458	342	397	14.73	cps
Potassium	39-2	490428	482760	488371	487186	0.81	cps
Rhodium	103-1	4739801	4794912	4810628	4781780	0.78	cps
Rhodium	103-2	1711814	1911592	1936239	1853215	6.64	cps
Scandium	45-1	3111641	3110842	3109286	3110590	0.04	cps
Scandium	45-2	41589	45968	46339	44632	5.92	cps
Selenium	77-2	267	280	217	254	13.12	cps
Selenium	78-2	794	722	722	746	5.59	cps
Selenium	82-1	17599	17455	17692	17582	0.68	cps
Silicon	28-1	8900709	8933268	8920225	8918067	0.18	cps
Silver	109-1	220021	222588	223103	221904	0.74	cps
Silver	107-1	232457	234797	237064	234773	0.98	cps
Sodium	23-2	223391	225398	224771	224520	0.46	cps
Strontium	86-1	330655	332172	331430	331419	0.23	cps
Strontium	88-1	2906242	2928163	2914192	2916199	0.38	cps
Sulfur	34-1	328206	320511	317494	322071	1.71	cps
Terbium	159-1	6195877	6362135	6307428	6288480	1.35	cps
Terbium	159-2	1933213	2151589	2125725	2070176	5.76	cps
Thallium	203-1	599087	599103	594912	597701	0.40	cps
Thallium	205-1	1436742	1432245	1428491	1432493	0.29	cps
Tin	118-1	678004	694546	696202	689584	1.46	cps
Titanium	47-1	427588	430955	429135	429226	0.39	cps
Uranium	238-1	922942	914928	897540	911803	1.42	cps
Vanadium	51-2	151438	150752	150761	150984	0.26	cps
Yttrium	89-1	5439387	5455692	5481263	5458781	0.39	cps
Yttrium	89-2	279649	312840	312865	301785	6.35	cps
Zinc	66-2	136678	136126	136154	136319	0.23	cps

LB Number :	LB99425	Operator :	Jaswal
Lab Sample ID :	J5807-12DL2X10	Instrumnet Name :	P8
Client Sample ID :	PT-MET-SOILDL2	Dilution Factor :	10
Date & Time Acquired ::	2018-11-27 17:40:53	DataFile Name :	029SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	90-1	36918	38439	39718	38358	3.65	cps
Zirconium	91-1	8111	8678	8511	8434	3.46	cps

LB Number :	LB99425	Operator :	Jaswal
Lab Sample ID :	J5807-12DLX5	Instrumnet Name :	P8
Client Sample ID :	PT-MET-SOILDL	Dilution Factor :	5
Date & Time Acquired ::	2018-11-27 17:44:14	DataFile Name :	030SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	156845	155621	156749	156405	0.44	cps
Antimony	121-1	546817	551489	550970	549759	0.47	cps
Arsenic	75-2	19859	19705	20178	19914	1.21	cps
Barium	135-1	679056	678329	674624	677337	0.35	cps
Barium	137-1	1182346	1173420	1172574	1176114	0.46	cps
Beryllium	9-1	365715	366974	360588	364425	0.93	cps
Bismuth	209-1	3735393	3787168	3764324	3762295	0.69	cps
Bismuth	209-2	1551851	1563785	1554370	1556669	0.40	cps
Boron	10-1	70724	73362	73581	72556	2.19	cps
Boron	11-1	359600	369320	371378	366766	1.72	cps
Cadmium	111-1	216310	216516	218132	216986	0.46	cps
Cadmium	106-1	20550	20358	20900	20603	1.33	cps
Cadmium	108-1	13887	14596	14204	14229	2.50	cps
Calcium	43-1	260940	261136	258344	260140	0.60	cps
Calcium	44-1	4162261	4168814	4146777	4159284	0.27	cps
Chromium	52-2	438796	439387	442633	440272	0.47	cps
Cobalt	59-2	224393	226284	227462	226046	0.68	cps
Copper	63-2	143189	142555	143781	143175	0.43	cps
Dysprosium	156-1	23021	22695	22879	22865	0.71	cps
Dysprosium	156-2	7122	6792	7032	6982	2.44	cps
Erbium	164-1	15218	15410	15677	15435	1.49	cps
Erbium	164-2	5108	5148	5084	5113	0.63	cps
Gadolinium	160-1	18322	19774	18981	19026	3.82	cps
Gadolinium	160-2	8019	8213	8176	8136	1.26	cps
Holmium	165-1	5908860	5857179	5897103	5887714	0.46	cps
Holmium	165-2	2058154	2046708	2013212	2039358	1.15	cps
Indium	115-1	4768832	4831884	4868180	4822965	1.04	cps
Indium	115-2	383989	384466	384226	384227	0.06	cps
Iron	56-2	20311227	20004374	20056385	20123995	0.82	cps
Iron	57-2	507725	508447	504791	506988	0.38	cps
Krypton	83-1	917	840	947	901	6.10	cps
Lead	206-1	1826717	1829930	1805462	1820703	0.73	cps
Lead	207-1	1527479	1526197	1525405	1526360	0.07	cps
Lead	208-1	7155889	7176249	7166170	7166102	0.14	cps
Lithium	6-1	1723600	1733915	1755300	1737605	0.93	cps
Magnesium	24-2	985542	981530	983120	983398	0.21	cps

LB Number :	LB99425	Operator :	Jaswal
Lab Sample ID :	J5807-12DLX5	Instrumnet Name :	P8
Client Sample ID :	PT-MET-SOILDL	Dilution Factor :	5
Date & Time Acquired ::	2018-11-27 17:44:14	DataFile Name :	030SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	586881	585868	584760	585837	0.18	cps
Molybdenum	94-1	327960	322974	322727	324554	0.91	cps
Molybdenum	95-1	526630	528272	522895	525933	0.52	cps
Molybdenum	96-1	569159	566180	569722	568354	0.33	cps
Molybdenum	97-1	324210	330271	327071	327184	0.93	cps
Molybdenum	98-1	837040	845736	841818	841531	0.52	cps
Neodymium	150-1	41673	41132	41620	41475	0.72	cps
Neodymium	150-2	10047	9500	9857	9802	2.83	cps
Nickel	60-2	110229	110726	111307	110754	0.49	cps
Phosphorus	31-2	958	833	1033	942	10.73	cps
Potassium	39-2	944247	938450	939608	940768	0.33	cps
Rhodium	103-1	4566502	4590672	4652657	4603277	0.97	cps
Rhodium	103-2	1824211	1847029	1820421	1830554	0.79	cps
Scandium	45-1	2981016	3001760	3024976	3002584	0.73	cps
Scandium	45-2	44791	44143	44143	44359	0.84	cps
Selenium	77-2	563	470	450	494	12.23	cps
Selenium	78-2	1445	1458	1472	1458	0.95	cps
Selenium	82-1	34009	34683	34420	34371	0.99	cps
Silicon	28-1	16923144	16887245	16713920	16841436	0.66	cps
Silver	109-1	422360	432644	425705	426903	1.23	cps
Silver	107-1	459144	460987	454409	458180	0.74	cps
Sodium	23-2	432707	432380	431906	432331	0.09	cps
Strontium	86-1	644905	638999	646194	643366	0.60	cps
Strontium	88-1	5607099	5543379	5614942	5588473	0.70	cps
Sulfur	34-1	302711	298594	293524	298276	1.54	cps
Terbium	159-1	6095056	6119647	6155593	6123432	0.50	cps
Terbium	159-2	2026116	2038348	2037830	2034098	0.34	cps
Thallium	203-1	1194142	1183105	1170067	1182438	1.02	cps
Thallium	205-1	2917776	2913376	2872796	2901316	0.85	cps
Tin	118-1	1340923	1357382	1353574	1350626	0.64	cps
Titanium	47-1	828001	829870	822332	826735	0.47	cps
Uranium	238-1	1838873	1849425	1846911	1845070	0.30	cps
Vanadium	51-2	297187	297133	297869	297396	0.14	cps
Yttrium	89-1	5369858	5359618	5418021	5382499	0.58	cps
Yttrium	89-2	304131	302576	303963	303557	0.28	cps
Zinc	66-2	263931	265779	265718	265142	0.40	cps

LB Number :	LB99425	Operator :	Jaswal
Lab Sample ID :	J5807-12DLX5	Instrumnet Name :	P8
Client Sample ID :	PT-MET-SOILDL	Dilution Factor :	5
Date & Time Acquired ::	2018-11-27 17:44:14	DataFile Name :	030SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	90-1	75786	73985	75208	74993	1.23	cps
Zirconium	91-1	16653	16210	16978	16614	2.32	cps

LB Number :	LB99425	Operator :	Jaswal
Lab Sample ID :	J5807-12REDL2X10	Instrumnet Name :	P8
Client Sample ID :	PT-MET-SOILRE	Dilution Factor :	10
Date & Time Acquired ::	2018-11-27 17:47:33	DataFile Name :	031SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	79786	79037	79377	79400	0.47	cps
Antimony	121-1	272246	276282	280360	276296	1.47	cps
Arsenic	75-2	10246	10104	10137	10162	0.73	cps
Barium	135-1	343142	346236	347932	345770	0.70	cps
Barium	137-1	594490	595662	596457	595536	0.17	cps
Beryllium	9-1	183087	182335	182508	182643	0.22	cps
Bismuth	209-1	3802628	3753136	3739253	3765006	0.88	cps
Bismuth	209-2	1586156	1584688	1570214	1580353	0.56	cps
Boron	10-1	36247	38478	38419	37714	3.37	cps
Boron	11-1	185180	190591	189652	188474	1.53	cps
Cadmium	111-1	111932	110989	111304	111408	0.43	cps
Cadmium	106-1	11139	11547	10913	11200	2.87	cps
Cadmium	108-1	7944	7548	7681	7725	2.61	cps
Calcium	43-1	130762	133001	131998	131920	0.85	cps
Calcium	44-1	2117946	2132287	2145838	2132024	0.65	cps
Chromium	52-2	226426	226018	225787	226077	0.14	cps
Cobalt	59-2	116871	115517	115430	115939	0.70	cps
Copper	63-2	74328	73547	72786	73553	1.05	cps
Dysprosium	156-1	11189	11389	11447	11341	1.20	cps
Dysprosium	156-2	3387	3734	3501	3541	4.99	cps
Erbium	164-1	7986	7686	8028	7900	2.36	cps
Erbium	164-2	2677	2370	2437	2495	6.47	cps
Gadolinium	160-1	10421	9921	9971	10104	2.73	cps
Gadolinium	160-2	4164	4181	3964	4103	2.94	cps
Holmium	165-1	5940893	5925197	6044574	5970221	1.09	cps
Holmium	165-2	2092562	2119893	2063125	2091860	1.36	cps
Indium	115-1	4863187	4811542	4846442	4840390	0.54	cps
Indium	115-2	395577	396589	391536	394567	0.68	cps
Iron	56-2	10328938	10221672	10182154	10244255	0.74	cps
Iron	57-2	258578	258985	259603	259055	0.20	cps
Krypton	83-1	787	847	840	824	3.99	cps
Lead	206-1	903348	898737	901036	901040	0.26	cps
Lead	207-1	776407	776645	770813	774622	0.43	cps
Lead	208-1	3627104	3634587	3613625	3625106	0.29	cps
Lithium	6-1	1409148	1451242	1439030	1433140	1.51	cps
Magnesium	24-2	502937	496136	499572	499548	0.68	cps

LB Number :	LB99425	Operator :	Jaswal
Lab Sample ID :	J5807-12REDL2X10	Instrumnet Name :	P8
Client Sample ID :	PT-MET-SOILRE	Dilution Factor :	10
Date & Time Acquired ::	2018-11-27 17:47:33	DataFile Name :	031SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	297153	300463	298233	298617	0.57	cps
Molybdenum	94-1	165978	165488	163921	165129	0.65	cps
Molybdenum	95-1	267029	269713	268800	268514	0.51	cps
Molybdenum	96-1	283597	286875	285002	285158	0.58	cps
Molybdenum	97-1	165101	165305	165987	165465	0.28	cps
Molybdenum	98-1	422608	422229	429674	424837	0.99	cps
Neodymium	150-1	21358	21959	21478	21599	1.47	cps
Neodymium	150-2	4708	4938	4831	4825	2.39	cps
Nickel	60-2	56046	56387	56390	56274	0.35	cps
Phosphorus	31-2	342	442	417	400	13.01	cps
Potassium	39-2	486937	488111	479202	484750	1.00	cps
Rhodium	103-1	4729042	4653340	4780288	4720890	1.35	cps
Rhodium	103-2	1893927	1902994	1877988	1891636	0.67	cps
Scandium	45-1	3019071	3027811	3066681	3037854	0.83	cps
Scandium	45-2	46437	44985	44678	45367	2.07	cps
Selenium	77-2	273	263	223	253	10.44	cps
Selenium	78-2	728	776	754	753	3.20	cps
Selenium	82-1	17883	17391	17447	17574	1.53	cps
Silicon	28-1	8606552	8651033	8549812	8602466	0.59	cps
Silver	109-1	217262	216755	223373	219130	1.68	cps
Silver	107-1	229889	226601	234075	230188	1.63	cps
Sodium	23-2	220642	222563	221378	221528	0.44	cps
Strontium	86-1	328642	330180	326465	328429	0.57	cps
Strontium	88-1	2867144	2889966	2864840	2873983	0.48	cps
Sulfur	34-1	289230	285541	283999	286257	0.94	cps
Terbium	159-1	6178217	6222225	6296741	6232394	0.96	cps
Terbium	159-2	2108137	2074982	2067933	2083684	1.03	cps
Thallium	203-1	594477	587884	594249	592203	0.63	cps
Thallium	205-1	1427071	1403516	1421565	1417384	0.87	cps
Tin	118-1	675548	690648	686351	684182	1.14	cps
Titanium	47-1	419355	421352	425088	421932	0.69	cps
Uranium	238-1	906412	903157	897068	902212	0.53	cps
Vanadium	51-2	151795	151132	152617	151848	0.49	cps
Yttrium	89-1	5310442	5321714	5344598	5325585	0.33	cps
Yttrium	89-2	310149	307037	303378	306855	1.10	cps
Zinc	66-2	136056	135712	135847	135872	0.13	cps

LB Number :	LB99425	Operator :	Jaswal
Lab Sample ID :	J5807-12REDL2X10	Instrumnet Name :	P8
Client Sample ID :	PT-MET-SOILRE	Dilution Factor :	10
Date & Time Acquired ::	2018-11-27 17:47:33	DataFile Name :	031SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	90-1	37168	38246	37169	37528	1.66	cps
Zirconium	91-1	8561	8520	8528	8536	0.26	cps

LB Number :	LB99425	Operator :	Jaswal
Lab Sample ID :	J5807-12	Instrumnet Name :	P8
Client Sample ID :	PT-MET-SOIL	Dilution Factor :	1
Date & Time Acquired ::	2018-11-27 17:50:55	DataFile Name :	032SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	704738	687092	688876	693568	1.40	cps
Antimony	121-1	2562119	2559373	2554527	2558673	0.15	cps
Arsenic	75-2	91409	91696	91899	91668	0.27	cps
Barium	135-1	3221348	3167948	3244558	3211285	1.22	cps
Barium	137-1	5494669	5434484	5472809	5467321	0.56	cps
Beryllium	9-1	1648352	1665463	1634123	1649313	0.95	cps
Bismuth	209-1	3629630	3618017	3622638	3623428	0.16	cps
Bismuth	209-2	1449973	1434726	1427289	1437329	0.80	cps
Boron	10-1	332163	339174	340342	337226	1.31	cps
Boron	11-1	1686350	1709293	1707588	1701077	0.75	cps
Cadmium	111-1	988554	992913	1002163	994543	0.70	cps
Cadmium	106-1	90772	92323	90495	91197	1.08	cps
Cadmium	108-1	64822	65797	66191	65603	1.07	cps
Calcium	43-1	1167618	1163567	1144551	1158579	1.06	cps
Calcium	44-1	18663684	18573310	18151180	18462725	1.48	cps
Chromium	52-2	2122809	2088929	2082524	2098087	1.03	cps
Cobalt	59-2	1051566	1040947	1036931	1043148	0.72	cps
Copper	63-2	659639	654596	661707	658647	0.56	cps
Dysprosium	156-1	105877	108229	109179	107762	1.58	cps
Dysprosium	156-2	33216	32771	31839	32609	2.15	cps
Erbium	164-1	72562	74388	75695	74215	2.12	cps
Erbium	164-2	23745	23632	23735	23704	0.26	cps
Gadolinium	160-1	93317	93468	93929	93571	0.34	cps
Gadolinium	160-2	37514	38747	38390	38217	1.66	cps
Holmium	165-1	5808339	5816390	5852908	5825879	0.41	cps
Holmium	165-2	1930588	1912215	1910210	1917671	0.59	cps
Indium	115-1	4709375	4726769	4711112	4715752	0.20	cps
Indium	115-2	356710	350068	349910	352230	1.10	cps
Iron	56-2	92501530	91150649	91365974	91672718	0.79	cps
Iron	57-2	2394260	2365336	2332476	2364024	1.31	cps
Krypton	83-1	840	890	867	866	2.89	cps
Lead	206-1	8382195	8391190	8447223	8406869	0.42	cps
Lead	207-1	7179337	7230445	7265243	7225008	0.60	cps
Lead	208-1	33243026	33289677	33431186	33321297	0.29	cps
Lithium	6-1	3881903	3954608	3933107	3923206	0.95	cps
Magnesium	24-2	4543489	4480961	4470742	4498397	0.88	cps

LB Number :	LB99425	Operator :	Jaswal
Lab Sample ID :	J5807-12	Instrumnet Name :	P8
Client Sample ID :	PT-MET-SOIL	Dilution Factor :	1
Date & Time Acquired ::	2018-11-27 17:50:55	DataFile Name :	032SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	2676742	2668215	2645439	2663465	0.61	cps
Molybdenum	94-1	1524055	1540769	1532030	1532285	0.55	cps
Molybdenum	95-1	2456139	2480539	2467873	2468184	0.49	cps
Molybdenum	96-1	2670873	2668148	2678449	2672490	0.20	cps
Molybdenum	97-1	1535321	1525606	1553554	1538160	0.92	cps
Molybdenum	98-1	3956627	3960365	3981596	3966196	0.34	cps
Neodymium	150-1	195441	195550	199034	196675	1.04	cps
Neodymium	150-2	44438	44191	43656	44095	0.91	cps
Nickel	60-2	508015	502996	506957	505989	0.52	cps
Phosphorus	31-2	3742	3717	3701	3720	0.56	cps
Potassium	39-2	4327471	4226386	4203716	4252525	1.55	cps
Rhodium	103-1	4250387	4271293	4304978	4275552	0.64	cps
Rhodium	103-2	1716650	1693154	1671371	1693725	1.34	cps
Scandium	45-1	2903763	2947319	2877527	2909537	1.21	cps
Scandium	45-2	44009	43775	43608	43797	0.46	cps
Selenium	77-2	2020	1990	1944	1985	1.95	cps
Selenium	78-2	6396	6402	6450	6416	0.46	cps
Selenium	82-1	155538	156452	155785	155925	0.30	cps
Silicon	28-1	73385295	73160168	72864595	73136686	0.36	cps
Silver	109-1	1982150	1976475	1990569	1983065	0.36	cps
Silver	107-1	2098384	2087416	2072409	2086070	0.63	cps
Sodium	23-2	2013530	1990459	2001356	2001782	0.58	cps
Strontium	86-1	3003885	3007401	3023690	3011658	0.35	cps
Strontium	88-1	25673798	25691536	25744965	25703433	0.14	cps
Sulfur	34-1	266730	262453	251961	260381	2.92	cps
Terbium	159-1	5993600	6006446	6077035	6025694	0.75	cps
Terbium	159-2	1935079	1932623	1913542	1927082	0.61	cps
Thallium	203-1	5616214	5602901	5703935	5641017	0.97	cps
Thallium	205-1	13341106	13172954	13500989	13338350	1.23	cps
Tin	118-1	6227190	6124163	6089689	6147014	1.16	cps
Titanium	47-1	3743486	3757234	3731137	3743953	0.35	cps
Uranium	238-1	8544866	8615080	8626543	8595496	0.51	cps
Vanadium	51-2	1436303	1398512	1413966	1416261	1.34	cps
Yttrium	89-1	5879107	5910090	5910723	5899973	0.31	cps
Yttrium	89-2	326959	323695	325267	325307	0.50	cps
Zinc	66-2	1204686	1186279	1189857	1193608	0.82	cps

LB Number :	LB99425	Operator :	Jaswal
Lab Sample ID :	J5807-12	Instrumnet Name :	P8
Client Sample ID :	PT-MET-SOIL	Dilution Factor :	1
Date & Time Acquired ::	2018-11-27 17:50:55	DataFile Name :	032SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	90-1	338185	346750	342951	342629	1.25	cps
Zirconium	91-1	77798	78066	75929	77264	1.51	cps

LB Number :	LB99425	Operator :	Jaswal
Lab Sample ID :	J5807-12REDL3X20	Instrumnet Name :	P8
Client Sample ID :	PT-MET-SOILRE	Dilution Factor :	20
Date & Time Acquired ::	2018-11-27 17:57:51	DataFile Name :	033SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	39587	38567	39241	39132	1.33	cps
Antimony	121-1	135135	136746	136720	136200	0.68	cps
Arsenic	75-2	5279	5168	5097	5181	1.77	cps
Barium	135-1	167161	169254	170966	169127	1.13	cps
Barium	137-1	291946	292868	292079	292298	0.17	cps
Beryllium	9-1	88996	88303	88661	88653	0.39	cps
Bismuth	209-1	3767590	3728927	3716521	3737679	0.71	cps
Bismuth	209-2	1592342	1642344	1501509	1578731	4.52	cps
Boron	10-1	19965	19756	20924	20215	3.08	cps
Boron	11-1	100391	101281	104268	101980	1.99	cps
Cadmium	111-1	55708	54661	55228	55199	0.95	cps
Cadmium	106-1	5793	6177	6035	6002	3.23	cps
Cadmium	108-1	3371	3780	3605	3585	5.72	cps
Calcium	43-1	65721	66324	65269	65771	0.80	cps
Calcium	44-1	1052699	1051182	1045635	1049839	0.35	cps
Chromium	52-2	111919	111311	112420	111883	0.50	cps
Cobalt	59-2	58174	57669	58516	58120	0.73	cps
Copper	63-2	36862	36642	36943	36816	0.42	cps
Dysprosium	156-1	5693	5685	5735	5704	0.47	cps
Dysprosium	156-2	1874	1780	1707	1787	4.68	cps
Erbium	164-1	3976	3459	3801	3745	7.02	cps
Erbium	164-2	1290	1237	1280	1269	2.23	cps
Gadolinium	160-1	4784	4651	4793	4743	1.68	cps
Gadolinium	160-2	1934	2074	1960	1989	3.74	cps
Holmium	165-1	5853303	5881386	5874691	5869793	0.25	cps
Holmium	165-2	2062947	2094499	1959487	2038978	3.46	cps
Indium	115-1	4839459	4879971	4731842	4817090	1.59	cps
Indium	115-2	395144	398835	376816	390265	3.02	cps
Iron	56-2	5124759	5115577	5120655	5120330	0.09	cps
Iron	57-2	127113	128957	128072	128047	0.72	cps
Krypton	83-1	697	840	843	793	10.55	cps
Lead	206-1	439731	447202	450779	445904	1.26	cps
Lead	207-1	381116	383372	384576	383021	0.46	cps
Lead	208-1	1751947	1772544	1778950	1767814	0.80	cps
Lithium	6-1	1256972	1264111	1230275	1250453	1.43	cps
Magnesium	24-2	247765	246626	245991	246794	0.36	cps

LB Number :	LB99425	Operator :	Jaswal
Lab Sample ID :	J5807-12REDL3X20	Instrumnet Name :	P8
Client Sample ID :	PT-MET-SOILRE	Dilution Factor :	20
Date & Time Acquired ::	2018-11-27 17:57:51	DataFile Name :	033SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	147687	147391	147209	147429	0.16	cps
Molybdenum	94-1	82910	80363	81629	81634	1.56	cps
Molybdenum	95-1	131321	131635	132348	131768	0.40	cps
Molybdenum	96-1	139401	142144	139242	140262	1.16	cps
Molybdenum	97-1	83271	82468	80933	82224	1.44	cps
Molybdenum	98-1	209632	210572	209295	209833	0.32	cps
Neodymium	150-1	10031	9944	10545	10173	3.19	cps
Neodymium	150-2	2304	2294	2314	2304	0.43	cps
Nickel	60-2	28082	28155	28165	28134	0.16	cps
Phosphorus	31-2	242	258	250	250	3.33	cps
Potassium	39-2	240326	240515	240529	240456	0.05	cps
Rhodium	103-1	4665986	4698763	4640082	4668277	0.63	cps
Rhodium	103-2	1917747	1938205	1790341	1882098	4.26	cps
Scandium	45-1	2968180	2982228	2891953	2947454	1.65	cps
Scandium	45-2	45761	46450	42755	44989	4.37	cps
Selenium	77-2	90	117	143	117	22.86	cps
Selenium	78-2	357	372	365	365	2.03	cps
Selenium	82-1	8629	8694	8670	8664	0.38	cps
Silicon	28-1	4332510	4365911	4273266	4323896	1.09	cps
Silver	109-1	108325	108864	105587	107592	1.63	cps
Silver	107-1	111854	114256	114105	113405	1.19	cps
Sodium	23-2	113743	113904	113240	113629	0.30	cps
Strontium	86-1	160071	159083	160990	160048	0.60	cps
Strontium	88-1	1407578	1404485	1429881	1413981	0.98	cps
Sulfur	34-1	263937	262020	268733	264897	1.31	cps
Terbium	159-1	6125341	6130885	6144789	6133672	0.16	cps
Terbium	159-2	2078039	2082451	1947832	2036107	3.76	cps
Thallium	203-1	289605	295061	293237	292635	0.95	cps
Thallium	205-1	692610	705699	714346	704218	1.55	cps
Tin	118-1	336042	341419	336789	338083	0.86	cps
Titanium	47-1	207331	206239	206325	206631	0.29	cps
Uranium	238-1	442498	445755	452462	446905	1.14	cps
Vanadium	51-2	75566	75003	75435	75335	0.39	cps
Yttrium	89-1	5273950	5219858	5197617	5230475	0.75	cps
Yttrium	89-2	303476	307048	287732	299419	3.43	cps
Zinc	66-2	67393	67195	67848	67479	0.50	cps

LB Number :	LB99425	Operator :	Jaswal
Lab Sample ID :	J5807-12REDL3X20	Instrumnet Name :	P8
Client Sample ID :	PT-MET-SOILRE	Dilution Factor :	20
Date & Time Acquired ::	2018-11-27 17:57:51	DataFile Name :	033SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	90-1	18563	18472	19265	18767	2.31	cps
Zirconium	91-1	4326	4126	4176	4209	2.47	cps

LB Number :	LB99425	Operator :	Jaswal
Lab Sample ID :	PB114857BS	Instrumnet Name :	P8
Client Sample ID :	PB114857BS	Dilution Factor :	1
Date & Time Acquired ::	2018-11-27 18:01:13	DataFile Name :	034LCS6.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	87204	88529	87005	87579	0.95	cps
Antimony	121-1	3189951	3206546	3137286	3177928	1.14	cps
Arsenic	75-2	63385	63059	62574	63006	0.65	cps
Barium	135-1	3308422	3313325	3306428	3309392	0.11	cps
Barium	137-1	5682866	5649701	5600380	5644315	0.74	cps
Beryllium	9-1	514063	510486	506171	510240	0.77	cps
Bismuth	209-1	3659242	3771606	3730762	3720537	1.53	cps
Bismuth	209-2	1567856	1537219	1531073	1545383	1.28	cps
Boron	10-1	62679	63751	63106	63179	0.85	cps
Boron	11-1	319016	320400	319504	319640	0.22	cps
Cadmium	111-1	735117	731471	718702	728430	1.18	cps
Cadmium	106-1	75696	74875	74004	74858	1.13	cps
Cadmium	108-1	52728	52272	51523	52175	1.17	cps
Calcium	43-1	730703	736831	727183	731572	0.67	cps
Calcium	44-1	11685587	11690124	11678193	11684635	0.05	cps
Chromium	52-2	505320	502964	503935	504073	0.23	cps
Cobalt	59-2	1002593	1008228	1002817	1004546	0.32	cps
Copper	63-2	1721644	1720556	1737718	1726639	0.56	cps
Dysprosium	156-1	58	50	42	50	16.67	cps
Dysprosium	156-2	0	10	10	7	86.60	cps
Erbium	164-1	50	50	17	39	49.48	cps
Erbium	164-2	17	10	3	10	66.70	cps
Gadolinium	160-1	50	33	58	47	26.97	cps
Gadolinium	160-2	10	7	10	9	21.63	cps
Holmium	165-1	5838739	6081348	5927151	5949079	2.06	cps
Holmium	165-2	2034251	2014134	2002887	2017091	0.79	cps
Indium	115-1	4609944	4757173	4654177	4673765	1.62	cps
Indium	115-2	373929	368172	369770	370624	0.80	cps
Iron	56-2	17828123	17925311	17773786	17842407	0.43	cps
Iron	57-2	445313	450517	442408	446079	0.92	cps
Krypton	83-1	713	747	893	784	12.21	cps
Lead	206-1	1982418	2001077	1941382	1974959	1.55	cps
Lead	207-1	1788189	1768918	1746362	1767823	1.18	cps
Lead	208-1	8020985	7990893	7918566	7976814	0.66	cps
Lithium	6-1	1047337	1060879	1083220	1063812	1.70	cps
Magnesium	24-2	1939614	1941712	1942430	1941252	0.08	cps

LB Number :	LB99425	Operator :	Jaswal
Lab Sample ID :	PB114857BS	Instrumnet Name :	P8
Client Sample ID :	PB114857BS	Dilution Factor :	1
Date & Time Acquired ::	2018-11-27 18:01:13	DataFile Name :	034LCS6.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	319429	319561	316972	318654	0.46	cps
Molybdenum	94-1	5558913	5499006	5487058	5514992	0.70	cps
Molybdenum	95-1	6886025	6840413	6875242	6867227	0.35	cps
Molybdenum	96-1	7610106	7583301	7613411	7602273	0.22	cps
Molybdenum	97-1	4333312	4272807	4304691	4303603	0.70	cps
Molybdenum	98-1	11065774	10933415	10904446	10967878	0.78	cps
Neodymium	150-1	173	167	107	149	24.66	cps
Neodymium	150-2	23	7	7	12	78.69	cps
Nickel	60-2	296210	296324	295436	295990	0.16	cps
Phosphorus	31-2	6702	7361	6443	6835	6.92	cps
Potassium	39-2	595099	598959	587407	593822	0.99	cps
Rhodium	103-1	4465172	4580494	4547339	4531002	1.31	cps
Rhodium	103-2	1825739	1757816	1792587	1792047	1.90	cps
Scandium	45-1	2834771	2899776	2886528	2873692	1.20	cps
Scandium	45-2	42966	43902	43317	43395	1.09	cps
Selenium	77-2	527	573	513	538	5.86	cps
Selenium	78-2	1956	1904	1745	1868	5.89	cps
Selenium	82-1	45570	44651	44038	44753	1.72	cps
Silicon	28-1	1690473	1689564	1676939	1685659	0.45	cps
Silver	109-1	3338387	3332531	3298699	3323206	0.64	cps
Silver	107-1	3507053	3533318	3494074	3511481	0.57	cps
Sodium	23-2	4303555	4301624	4272059	4292413	0.41	cps
Strontium	86-1	828469	832905	819895	827090	0.80	cps
Strontium	88-1	7214811	7146956	7152621	7171463	0.52	cps
Sulfur	34-1	522571	528853	520571	523998	0.82	cps
Terbium	159-1	6048201	6290000	6167148	6168450	1.96	cps
Terbium	159-2	2029507	2003889	2006329	2013242	0.70	cps
Thallium	203-1	2474985	2521657	2429258	2475300	1.87	cps
Thallium	205-1	5805895	5835685	5767938	5803173	0.59	cps
Tin	118-1	2187066	2199571	2127922	2171519	1.76	cps
Titanium	47-1	1777459	1766272	1765868	1769866	0.37	cps
Uranium	238-1	7555135	7527841	7539628	7540868	0.18	cps
Vanadium	51-2	373075	369765	371294	371378	0.45	cps
Yttrium	89-1	4983646	5103723	5132623	5073331	1.56	cps
Yttrium	89-2	289222	284539	282987	285583	1.14	cps
Zinc	66-2	176949	176547	175544	176347	0.41	cps

LB Number :	LB99425	Operator :	Jaswal
Lab Sample ID :	PB114857BS	Instrumnet Name :	P8
Client Sample ID :	PB114857BS	Dilution Factor :	1
Date & Time Acquired ::	2018-11-27 18:01:13	DataFile Name :	034LCS6.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	90-1	4574833	4510353	4524852	4536679	0.75	cps
Zirconium	91-1	1008936	1004584	1001144	1004888	0.39	cps

LB Number :	LB99425	Operator :	Jaswal
Lab Sample ID :	CCV69	Instrumnet Name :	P8
Client Sample ID :	CCV69	Dilution Factor :	1
Date & Time Acquired ::	2018-11-27 18:04:26	DataFile Name :	035CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	461360	467463	466371	465065	0.70	cps
Antimony	121-1	3071072	3090877	3089426	3083792	0.36	cps
Arsenic	75-2	61532	62241	62630	62134	0.90	cps
Barium	135-1	3216620	3238298	3256400	3237106	0.62	cps
Barium	137-1	5439449	5493346	5524654	5485816	0.79	cps
Beryllium	9-1	516191	511871	509334	512466	0.68	cps
Bismuth	209-1	3569286	3556253	3523217	3549585	0.67	cps
Bismuth	209-2	1480805	1491058	1502849	1491571	0.74	cps
Boron	10-1	65089	65693	65191	65325	0.49	cps
Boron	11-1	322014	325432	328059	325168	0.93	cps
Cadmium	111-1	700027	700555	704171	701584	0.32	cps
Cadmium	106-1	73852	73392	74054	73766	0.46	cps
Cadmium	108-1	50930	49876	51055	50620	1.28	cps
Calcium	43-1	3686546	3712965	3693476	3697662	0.37	cps
Calcium	44-1	58658714	59195416	59293997	59049376	0.58	cps
Chromium	52-2	510100	514857	517422	514126	0.72	cps
Cobalt	59-2	984789	982592	995291	987557	0.69	cps
Copper	63-2	1641570	1634707	1650347	1642208	0.48	cps
Dysprosium	156-1	108	67	67	81	29.86	cps
Dysprosium	156-2	3	17	27	16	75.27	cps
Erbium	164-1	50	75	33	53	39.74	cps
Erbium	164-2	13	3	0	6	124.93	cps
Gadolinium	160-1	58	117	50	75	48.43	cps
Gadolinium	160-2	27	3	33	21	74.63	cps
Holmium	165-1	5862977	5915875	5914423	5897758	0.51	cps
Holmium	165-2	2023614	2026231	2058864	2036236	0.96	cps
Indium	115-1	4600762	4580131	4678077	4619656	1.12	cps
Indium	115-2	368139	368908	373054	370034	0.71	cps
Iron	56-2	86371644	86797552	87564685	86911294	0.70	cps
Iron	57-2	2200411	2224075	2256484	2226990	1.26	cps
Krypton	83-1	823	850	850	841	1.83	cps
Lead	206-1	1883216	1877643	1882473	1881111	0.16	cps
Lead	207-1	1692411	1669777	1663082	1675090	0.92	cps
Lead	208-1	7626778	7546498	7507127	7560134	0.81	cps
Lithium	6-1	1052120	1049971	1055208	1052433	0.25	cps
Magnesium	24-2	9314420	9501685	9501861	9439322	1.15	cps

LB Number :	LB99425	Operator :	Jaswal
Lab Sample ID :	CCV69	Instrumnet Name :	P8
Client Sample ID :	CCV69	Dilution Factor :	1
Date & Time Acquired ::	2018-11-27 18:04:26	DataFile Name :	035CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	317338	316675	318417	317477	0.28	cps
Molybdenum	94-1	5532243	5557325	5572514	5554027	0.37	cps
Molybdenum	95-1	6818664	6821391	6866177	6835411	0.39	cps
Molybdenum	96-1	7549770	7547741	7643376	7580296	0.72	cps
Molybdenum	97-1	4288619	4286290	4270344	4281751	0.23	cps
Molybdenum	98-1	11034752	10905046	11062336	11000711	0.76	cps
Neodymium	150-1	227	193	160	193	17.24	cps
Neodymium	150-2	13	20	33	22	45.83	cps
Nickel	60-2	290293	293002	294743	292679	0.77	cps
Phosphorus	31-2	6594	6235	6635	6488	3.39	cps
Potassium	39-2	2969403	2970134	2986701	2975413	0.33	cps
Rhodium	103-1	4395916	4396385	4422564	4404955	0.35	cps
Rhodium	103-2	1741831	1724975	1752771	1739859	0.80	cps
Scandium	45-1	2918694	2933179	2979216	2943696	1.07	cps
Scandium	45-2	44270	44437	44467	44391	0.24	cps
Selenium	77-2	580	543	497	540	7.73	cps
Selenium	78-2	1972	1811	1771	1851	5.77	cps
Selenium	82-1	43451	43649	43863	43654	0.47	cps
Silicon	28-1	1994303	2053379	2086744	2044809	2.29	cps
Silver	109-1	3202061	3220768	3200818	3207882	0.35	cps
Silver	107-1	3343267	3394826	3402038	3380043	0.95	cps
Sodium	23-2	20261607	20810187	20589878	20553891	1.34	cps
Strontium	86-1	837481	829671	842331	836495	0.76	cps
Strontium	88-1	7174580	7182491	7215692	7190921	0.30	cps
Sulfur	34-1	544808	545321	550535	546888	0.58	cps
Terbium	159-1	6115774	6040804	6135107	6097229	0.82	cps
Terbium	159-2	2009592	2032805	2064477	2035625	1.35	cps
Thallium	203-1	2348393	2356843	2392465	2365900	0.99	cps
Thallium	205-1	5494438	5505994	5511983	5504138	0.16	cps
Tin	118-1	2128172	2120418	2178609	2142400	1.47	cps
Titanium	47-1	1799406	1792415	1808522	1800114	0.45	cps
Uranium	238-1	7327654	7257032	7215005	7266563	0.78	cps
Vanadium	51-2	368789	370064	371257	370037	0.33	cps
Yttrium	89-1	5087292	5103451	5157162	5115968	0.71	cps
Yttrium	89-2	286436	291113	291912	289820	1.02	cps
Zinc	66-2	170449	172396	173136	171993	0.81	cps

LB Number :	LB99425	Operator :	Jaswal
Lab Sample ID :	CCV69	Instrumnet Name :	P8
Client Sample ID :	CCV69	Dilution Factor :	1
Date & Time Acquired ::	2018-11-27 18:04:26	DataFile Name :	035CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	90-1	4636147	4598019	4634480	4622882	0.47	cps
Zirconium	91-1	1021261	1017161	1029460	1022627	0.61	cps

LB Number :	LB99425	Operator :	Jaswal
Lab Sample ID :	CCB69	Instrumnet Name :	P8
Client Sample ID :	CCB69	Dilution Factor :	1
Date & Time Acquired ::	2018-11-27 18:08:44	DataFile Name :	036CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	30	40	28	33	20.35	cps
Antimony	121-1	1492	1533	2034	1686	17.88	cps
Arsenic	75-2	15	13	17	15	12.52	cps
Barium	135-1	0	17	17	11	86.60	cps
Barium	137-1	17	25	42	28	45.82	cps
Beryllium	9-1	183	239	183	202	15.89	cps
Bismuth	209-1	3728401	3786519	3813357	3776092	1.15	cps
Bismuth	209-2	1589867	1591655	1580636	1587386	0.37	cps
Boron	10-1	2000	1925	1884	1936	3.05	cps
Boron	11-1	10021	9145	9270	9478	5.00	cps
Cadmium	111-1	868	795	774	812	6.08	cps
Cadmium	106-1	1175	1108	1100	1128	3.65	cps
Cadmium	108-1	13	8	13	11	21.67	cps
Calcium	43-1	483	500	425	469	8.39	cps
Calcium	44-1	13290	13274	13040	13201	1.06	cps
Chromium	52-2	933	883	953	923	3.90	cps
Cobalt	59-2	30	67	57	51	37.09	cps
Copper	63-2	770	870	730	790	9.13	cps
Dysprosium	156-1	0	25	8	11	114.58	cps
Dysprosium	156-2	0	3	0	1	173.21	cps
Erbium	164-1	42	50	0	31	87.67	cps
Erbium	164-2	3	0	10	4	114.60	cps
Gadolinium	160-1	108	58	67	78	34.44	cps
Gadolinium	160-2	13	13	17	14	13.35	cps
Holmium	165-1	5929393	5916334	5967427	5937718	0.45	cps
Holmium	165-2	2070931	2066372	2046242	2061181	0.64	cps
Indium	115-1	4780831	4788604	4859942	4809792	0.91	cps
Indium	115-2	386068	388212	387586	387289	0.28	cps
Iron	56-2	2445	2122	2339	2302	7.14	cps
Iron	57-2	44	72	44	54	29.86	cps
Krypton	83-1	827	810	900	846	5.66	cps
Lead	206-1	667	667	578	637	8.06	cps
Lead	207-1	572	544	450	522	12.27	cps
Lead	208-1	2606	2606	2389	2534	4.94	cps
Lithium	6-1	1076946	1079683	1093101	1083243	0.80	cps
Magnesium	24-2	233	308	275	272	13.80	cps

LB Number :	LB99425	Operator :	Jaswal
Lab Sample ID :	CCB69	Instrumnet Name :	P8
Client Sample ID :	CCB69	Dilution Factor :	1
Date & Time Acquired ::	2018-11-27 18:08:44	DataFile Name :	036CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	27	47	53	42	32.86	cps
Molybdenum	94-1	458	350	625	478	28.99	cps
Molybdenum	95-1	517	583	575	558	6.50	cps
Molybdenum	96-1	783	683	575	681	15.31	cps
Molybdenum	97-1	300	408	317	342	17.07	cps
Molybdenum	98-1	1008	875	858	914	9.00	cps
Neodymium	150-1	13	0	7	7	99.98	cps
Neodymium	150-2	0	0	0	0	0.00	cps
Nickel	60-2	73	57	60	63	13.92	cps
Phosphorus	31-2	8	8	8	8	0.00	cps
Potassium	39-2	4609	5260	5143	5004	6.93	cps
Rhodium	103-1	4658928	4722984	4717620	4699844	0.76	cps
Rhodium	103-2	1886098	1878463	1870607	1878389	0.41	cps
Scandium	45-1	2883542	2931118	2946024	2920228	1.12	cps
Scandium	45-2	43644	42865	43524	43345	0.97	cps
Selenium	77-2	7	3	0	3	100.05	cps
Selenium	78-2	6	4	6	5	21.74	cps
Selenium	82-1	-71	6	-68	-44	-98.47	cps
Silicon	28-1	186924	186080	186605	186536	0.23	cps
Silver	109-1	367	350	475	397	17.09	cps
Silver	107-1	300	333	442	358	20.67	cps
Sodium	23-2	7878	8086	8136	8033	1.71	cps
Strontium	86-1	1450	1275	1283	1336	7.39	cps
Strontium	88-1	125	125	58	103	37.45	cps
Sulfur	34-1	341089	340663	342598	341450	0.30	cps
Terbium	159-1	6130948	6138546	6122578	6130691	0.13	cps
Terbium	159-2	2031980	2044563	2046400	2040981	0.38	cps
Thallium	203-1	1050	783	750	861	19.10	cps
Thallium	205-1	2400	2125	2009	2178	9.23	cps
Tin	118-1	517	508	608	544	10.19	cps
Titanium	47-1	158	200	133	164	20.55	cps
Uranium	238-1	58	67	58	61	7.87	cps
Vanadium	51-2	20	7	20	16	49.47	cps
Yttrium	89-1	5102828	5147983	5179249	5143353	0.75	cps
Yttrium	89-2	292383	296763	289925	293024	1.18	cps
Zinc	66-2	67	87	67	73	15.75	cps

LB Number :	LB99425	Operator :	Jaswal
Lab Sample ID :	CCB69	Instrumnet Name :	P8
Client Sample ID :	CCB69	Dilution Factor :	1
Date & Time Acquired ::	2018-11-27 18:08:44	DataFile Name :	036CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	90-1	550	525	483	519	6.48	cps
Zirconium	91-1	117	167	150	144	17.63	cps

LB Number :	LB99425	Operator :	Jaswal
Lab Sample ID :	PB114975BL	Instrumnet Name :	P8
Client Sample ID :	PB114975BL	Dilution Factor :	1
Date & Time Acquired ::	2018-11-27 18:39:09	DataFile Name :	037SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	25	28	28	27	5.41	cps
Antimony	121-1	450	533	567	517	11.63	cps
Arsenic	75-2	2	2	4	2	43.30	cps
Barium	135-1	8	8	17	11	43.34	cps
Barium	137-1	0	17	17	11	86.60	cps
Beryllium	9-1	94	128	100	107	16.63	cps
Bismuth	209-1	3105856	3684156	3522691	3437568	8.68	cps
Bismuth	209-2	1603665	1826367	1637864	1689299	7.10	cps
Boron	10-1	358	325	242	308	19.49	cps
Boron	11-1	1709	1550	1759	1672	6.50	cps
Cadmium	111-1	590	765	751	702	13.84	cps
Cadmium	106-1	842	1100	1042	995	13.62	cps
Cadmium	108-1	4	13	4	7	69.23	cps
Calcium	43-1	617	325	375	439	35.54	cps
Calcium	44-1	12915	12414	13023	12784	2.54	cps
Chromium	52-2	813	953	927	898	8.28	cps
Cobalt	59-2	73	93	123	97	26.04	cps
Copper	63-2	650	683	643	659	3.25	cps
Dysprosium	156-1	17	17	0	11	86.60	cps
Dysprosium	156-2	3	3	0	2	86.60	cps
Erbium	164-1	17	33	8	19	65.47	cps
Erbium	164-2	7	3	3	4	43.40	cps
Gadolinium	160-1	42	50	50	47	10.18	cps
Gadolinium	160-2	13	17	17	16	12.40	cps
Holmium	165-1	4954855	5816390	5540947	5437397	8.09	cps
Holmium	165-2	2084562	2288567	2103492	2158874	5.22	cps
Indium	115-1	4117846	4876066	4564875	4519595	8.43	cps
Indium	115-2	402964	448709	407665	419779	5.99	cps
Iron	56-2	1967	1872	2072	1971	5.08	cps
Iron	57-2	67	89	128	94	32.75	cps
Krypton	83-1	830	860	800	830	3.61	cps
Lead	206-1	361	456	322	380	18.06	cps
Lead	207-1	278	306	272	285	6.26	cps
Lead	208-1	1333	1495	1356	1395	6.26	cps
Lithium	6-1	968709	1132385	1072601	1057898	7.83	cps
Magnesium	24-2	167	242	183	197	19.97	cps

LB Number :	LB99425	Operator :	Jaswal
Lab Sample ID :	PB114975BL	Instrumnet Name :	P8
Client Sample ID :	PB114975BL	Dilution Factor :	1
Date & Time Acquired ::	2018-11-27 18:39:09	DataFile Name :	037SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	53	43	40	46	15.23	cps
Molybdenum	94-1	250	200	208	219	12.21	cps
Molybdenum	95-1	183	200	217	200	8.33	cps
Molybdenum	96-1	192	142	225	186	22.54	cps
Molybdenum	97-1	83	92	108	94	13.48	cps
Molybdenum	98-1	217	192	200	203	6.28	cps
Neodymium	150-1	0	0	0	0	0.00	cps
Neodymium	150-2	0	0	0	0	0.00	cps
Nickel	60-2	57	63	67	62	8.18	cps
Phosphorus	31-2	0	8	17	8	100.02	cps
Potassium	39-2	5009	4918	4826	4918	1.87	cps
Rhodium	103-1	4017907	4739923	4558047	4438626	8.46	cps
Rhodium	103-2	1952675	2159621	1940260	2017519	6.11	cps
Scandium	45-1	2585718	3062551	2884206	2844158	8.47	cps
Scandium	45-2	46443	51200	46470	48038	5.70	cps
Selenium	77-2	0	0	0	0	0.00	cps
Selenium	78-2	2	4	0	2	100.00	cps
Selenium	82-1	-77	-60	-30	-56	-43.15	cps
Silicon	28-1	187160	186923	186231	186771	0.26	cps
Silver	109-1	75	108	125	103	24.77	cps
Silver	107-1	117	117	117	117	0.00	cps
Sodium	23-2	6235	5952	5851	6013	3.31	cps
Strontium	86-1	1225	1167	1392	1261	9.26	cps
Strontium	88-1	100	25	50	58	65.47	cps
Sulfur	34-1	359999	362546	365655	362733	0.78	cps
Terbium	159-1	5185855	5991102	5757006	5644654	7.34	cps
Terbium	159-2	2115327	2326849	2127490	2189889	5.42	cps
Thallium	203-1	192	158	208	186	13.68	cps
Thallium	205-1	400	342	417	386	10.20	cps
Tin	118-1	308	308	308	308	0.00	cps
Titanium	47-1	58	175	92	108	55.47	cps
Uranium	238-1	17	0	25	14	91.65	cps
Vanadium	51-2	10	17	7	11	45.82	cps
Yttrium	89-1	4392369	5196419	4969512	4852767	8.54	cps
Yttrium	89-2	304405	340215	308213	317611	6.19	cps
Zinc	66-2	37	57	30	41	33.76	cps

LB Number :	LB99425	Operator :	Jaswal
Lab Sample ID :	PB114975BL	Instrumnet Name :	P8
Client Sample ID :	PB114975BL	Dilution Factor :	1
Date & Time Acquired ::	2018-11-27 18:39:09	DataFile Name :	037SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	90-1	400	475	442	439	8.56	cps
Zirconium	91-1	50	33	75	53	39.74	cps

LB Number :	LB99425	Operator :	Jaswal
Lab Sample ID :	PB114975BS	Instrumnet Name :	P8
Client Sample ID :	PB114975BS	Dilution Factor :	1
Date & Time Acquired ::	2018-11-27 18:42:31	DataFile Name :	038SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	90791	89563	90165	90173	0.68	cps
Antimony	121-1	3215888	3225414	3265373	3235558	0.81	cps
Arsenic	75-2	63082	62991	63804	63292	0.70	cps
Barium	135-1	3355099	3369932	3373632	3366221	0.29	cps
Barium	137-1	5682866	5709301	5711281	5701149	0.28	cps
Beryllium	9-1	541035	538563	540498	540032	0.24	cps
Bismuth	209-1	3861563	3813838	3838651	3838017	0.62	cps
Bismuth	209-2	1600619	1587369	1593960	1593982	0.42	cps
Boron	10-1	63768	64404	65994	64722	1.77	cps
Boron	11-1	320025	320854	330565	323815	1.81	cps
Cadmium	111-1	736774	739468	751744	742662	1.07	cps
Cadmium	106-1	77079	77799	77113	77330	0.53	cps
Cadmium	108-1	52762	52753	53121	52879	0.40	cps
Calcium	43-1	759944	760598	761275	760606	0.09	cps
Calcium	44-1	12303009	12261094	12257582	12273895	0.21	cps
Chromium	52-2	510962	511200	510597	510919	0.06	cps
Cobalt	59-2	1020027	1013152	1012234	1015137	0.42	cps
Copper	63-2	1764864	1724078	1702983	1730642	1.82	cps
Dysprosium	156-1	17	17	25	19	24.73	cps
Dysprosium	156-2	10	7	13	10	33.30	cps
Erbium	164-1	25	33	17	25	33.32	cps
Erbium	164-2	7	17	3	9	78.08	cps
Gadolinium	160-1	58	25	8	31	83.33	cps
Gadolinium	160-2	10	3	13	9	57.30	cps
Holmium	165-1	6032818	6093660	6069069	6065182	0.50	cps
Holmium	165-2	2100781	2097256	2086651	2094896	0.35	cps
Indium	115-1	4820827	4907466	4900083	4876125	0.99	cps
Indium	115-2	388217	381291	384477	384662	0.90	cps
Iron	56-2	18139322	17889635	18126268	18051742	0.78	cps
Iron	57-2	454146	452757	449536	452146	0.52	cps
Krypton	83-1	800	740	763	768	3.94	cps
Lead	206-1	1959191	1983394	2012593	1985059	1.35	cps
Lead	207-1	1754276	1781062	1778011	1771116	0.83	cps
Lead	208-1	7916415	8043477	8058808	8006233	0.98	cps
Lithium	6-1	1151218	1127884	1127136	1135413	1.21	cps
Magnesium	24-2	1990678	1963228	1977922	1977276	0.69	cps

LB Number :	LB99425	Operator :	Jaswal
Lab Sample ID :	PB114975BS	Instrumnet Name :	P8
Client Sample ID :	PB114975BS	Dilution Factor :	1
Date & Time Acquired ::	2018-11-27 18:42:31	DataFile Name :	038SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	327811	325344	325277	326144	0.44	cps
Molybdenum	94-1	5649700	5662018	5714197	5675305	0.60	cps
Molybdenum	95-1	6964478	7058765	7041970	7021738	0.72	cps
Molybdenum	96-1	7735570	7763100	7852764	7783812	0.79	cps
Molybdenum	97-1	4390535	4408156	4435940	4411544	0.52	cps
Molybdenum	98-1	11230958	11272886	11362456	11288766	0.60	cps
Neodymium	150-1	153	193	147	164	15.35	cps
Neodymium	150-2	3	13	10	9	57.30	cps
Nickel	60-2	299936	297145	296709	297930	0.59	cps
Phosphorus	31-2	6560	6994	6585	6713	3.63	cps
Potassium	39-2	603340	597181	607798	602773	0.88	cps
Rhodium	103-1	4693521	4675144	4714254	4694306	0.42	cps
Rhodium	103-2	1852850	1842994	1832211	1842685	0.56	cps
Scandium	45-1	3080207	3060347	3072577	3071044	0.33	cps
Scandium	45-2	44825	44938	44788	44850	0.17	cps
Selenium	77-2	537	547	610	564	7.05	cps
Selenium	78-2	1924	1832	1895	1883	2.51	cps
Selenium	82-1	45429	45578	45604	45537	0.21	cps
Silicon	28-1	1757333	1754023	1737070	1749475	0.62	cps
Silver	109-1	3419560	3434206	3496003	3449923	1.18	cps
Silver	107-1	3592415	3604456	3613218	3603363	0.29	cps
Sodium	23-2	4386164	4335773	4331948	4351295	0.70	cps
Strontium	86-1	850040	848380	864029	854150	1.01	cps
Strontium	88-1	7291497	7375299	7354559	7340451	0.59	cps
Sulfur	34-1	574161	568306	562508	568325	1.03	cps
Terbium	159-1	6276583	6292455	6363923	6310987	0.74	cps
Terbium	159-2	2115503	2074664	2083586	2091251	1.03	cps
Thallium	203-1	2489287	2521380	2509267	2506645	0.65	cps
Thallium	205-1	5836796	5876964	5884720	5866160	0.44	cps
Tin	118-1	2217243	2252090	2242803	2237379	0.81	cps
Titanium	47-1	1886979	1851708	1889678	1876122	1.13	cps
Uranium	238-1	7555253	7515861	7670322	7580479	1.06	cps
Vanadium	51-2	376849	373741	374964	375185	0.42	cps
Yttrium	89-1	5291442	5318998	5296581	5302340	0.28	cps
Yttrium	89-2	298181	295661	296068	296637	0.46	cps
Zinc	66-2	180500	178883	179588	179657	0.45	cps

LB Number :	LB99425	Operator :	Jaswal
Lab Sample ID :	PB114975BS	Instrumnet Name :	P8
Client Sample ID :	PB114975BS	Dilution Factor :	1
Date & Time Acquired ::	2018-11-27 18:42:31	DataFile Name :	038SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	90-1	4680079	4690848	4751861	4707596	0.82	cps
Zirconium	91-1	1032298	1028372	1040022	1033564	0.57	cps

LB Number :	LB99425	Operator :	Jaswal
Lab Sample ID :	J5999-05	Instrumnet Name :	P8
Client Sample ID :	SSSI-1115-S-AB-1	Dilution Factor :	1
Date & Time Acquired ::	2018-11-27 18:45:44	DataFile Name :	039SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	732143	732934	742349	735809	0.77	cps
Antimony	121-1	4743	4484	5285	4837	8.44	cps
Arsenic	75-2	5990	6042	5977	6003	0.57	cps
Barium	135-1	812174	807155	811805	810378	0.35	cps
Barium	137-1	1385339	1394371	1409273	1396327	0.87	cps
Beryllium	9-1	4862	5073	5201	5045	3.39	cps
Bismuth	209-1	3427388	3599525	3565963	3530959	2.58	cps
Bismuth	209-2	1471065	1500438	1493622	1488375	1.03	cps
Boron	10-1	13357	13298	13532	13396	0.91	cps
Boron	11-1	66872	67450	69745	68022	2.23	cps
Cadmium	111-1	5781	5481	6085	5782	5.22	cps
Cadmium	106-1	3025	2692	3259	2992	9.52	cps
Cadmium	108-1	721	654	800	725	10.07	cps
Calcium	43-1	880991	885939	883146	883359	0.28	cps
Calcium	44-1	14104262	14256479	14200803	14187181	0.54	cps
Chromium	52-2	201370	203945	204831	203382	0.88	cps
Cobalt	59-2	224113	224099	227550	225254	0.88	cps
Copper	63-2	595570	599135	608623	601109	1.12	cps
Dysprosium	156-1	129497	130968	130386	130284	0.57	cps
Dysprosium	156-2	42650	43178	43987	43271	1.56	cps
Erbium	164-1	107678	109432	112249	109786	2.10	cps
Erbium	164-2	36454	36317	36311	36361	0.22	cps
Gadolinium	160-1	120143	120048	120049	120080	0.05	cps
Gadolinium	160-2	51642	52177	51966	51928	0.52	cps
Holmium	165-1	5539762	5720867	5764593	5675074	2.10	cps
Holmium	165-2	1995268	1984889	2030547	2003568	1.19	cps
Indium	115-1	4414896	4589781	4574485	4526387	2.14	cps
Indium	115-2	369133	371863	374268	371755	0.69	cps
Iron	56-2	110630200	110765775	111510019	110968665	0.43	cps
Iron	57-2	2811209	2817535	2856702	2828482	0.87	cps
Krypton	83-1	880	940	920	913	3.35	cps
Lead	206-1	3113483	3132356	3156036	3133959	0.68	cps
Lead	207-1	2643150	2701747	2696440	2680446	1.21	cps
Lead	208-1	12265005	12383486	12386543	12345012	0.56	cps
Lithium	6-1	1017575	1079576	1078756	1058636	3.36	cps
Magnesium	24-2	2911004	2909257	2903601	2907954	0.13	cps

LB Number :	LB99425	Operator :	Jaswal
Lab Sample ID :	J5999-05	Instrumnet Name :	P8
Client Sample ID :	SSSI-1115-S-AB-1	Dilution Factor :	1
Date & Time Acquired ::	2018-11-27 18:45:44	DataFile Name :	039SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	851251	854634	859232	855039	0.47	cps
Molybdenum	94-1	217314	214169	220419	217301	1.44	cps
Molybdenum	95-1	12406	11455	12139	12000	4.09	cps
Molybdenum	96-1	49316	49759	49768	49614	0.52	cps
Molybdenum	97-1	7869	7544	7577	7664	2.33	cps
Molybdenum	98-1	19198	19615	20166	19660	2.47	cps
Neodymium	150-1	202913	203276	204109	203433	0.30	cps
Neodymium	150-2	46987	47144	49202	47778	2.59	cps
Nickel	60-2	565554	575229	577619	572801	1.12	cps
Phosphorus	31-2	1909	1867	1934	1903	1.77	cps
Potassium	39-2	182104	182080	185134	183106	0.96	cps
Rhodium	103-1	4245410	4452322	4445500	4381077	2.68	cps
Rhodium	103-2	1731042	1746198	1743761	1740334	0.47	cps
Scandium	45-1	3051338	3176857	3193184	3140460	2.47	cps
Scandium	45-2	47099	47533	47042	47225	0.57	cps
Selenium	77-2	273	257	277	269	3.99	cps
Selenium	78-2	135	163	128	142	13.07	cps
Selenium	82-1	404	335	428	389	12.38	cps
Silicon	28-1	18142626	18096087	18278998	18172571	0.52	cps
Silver	109-1	6435	6102	6377	6305	2.82	cps
Silver	107-1	6969	6877	6919	6922	0.66	cps
Sodium	23-2	133026	135144	135623	134598	1.03	cps
Strontium	86-1	211784	214084	215357	213742	0.85	cps
Strontium	88-1	1868281	1901121	1887239	1885547	0.87	cps
Sulfur	34-1	422451	417920	417518	419296	0.65	cps
Terbium	159-1	5727272	5967770	6066898	5920647	2.95	cps
Terbium	159-2	1983158	2012040	2013321	2002840	0.85	cps
Thallium	203-1	5718	5985	5760	5821	2.47	cps
Thallium	205-1	13933	14208	14192	14111	1.09	cps
Tin	118-1	34295	34420	34228	34314	0.28	cps
Titanium	47-1	1407025	1420101	1426285	1417803	0.69	cps
Uranium	238-1	123132	121253	123804	122730	1.08	cps
Vanadium	51-2	169623	171374	173911	171636	1.26	cps
Yttrium	89-1	6223707	6441104	6525633	6396815	2.43	cps
Yttrium	89-2	368957	372474	374432	371954	0.75	cps
Zinc	66-2	160074	161565	161929	161189	0.61	cps

LB Number :	LB99425	Operator :	Jaswal
Lab Sample ID :	J5999-05	Instrumnet Name :	P8
Client Sample ID :	SSSI-1115-S-AB-1	Dilution Factor :	1
Date & Time Acquired ::	2018-11-27 18:45:44	DataFile Name :	039SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	90-1	570512	576372	581548	576144	0.96	cps
Zirconium	91-1	127013	126218	132236	128489	2.54	cps

LB Number :	LB99425	Operator :	Jaswal
Lab Sample ID :	J5999-07	Instrumnet Name :	P8
Client Sample ID :	SSSI-1115-S-AB-2	Dilution Factor :	1
Date & Time Acquired ::	2018-11-27 18:49:03	DataFile Name :	040SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	664877	653847	667971	662232	1.12	cps
Antimony	121-1	10496	9746	10346	10196	3.90	cps
Arsenic	75-2	7687	7767	7950	7802	1.73	cps
Barium	135-1	2517396	2535929	2574620	2542648	1.15	cps
Barium	137-1	4298450	4292429	4422595	4337825	1.69	cps
Beryllium	9-1	6146	5840	6302	6096	3.85	cps
Bismuth	209-1	3783565	3571579	3003369	3452838	11.68	cps
Bismuth	209-2	1547139	1749277	1606057	1634158	6.36	cps
Boron	10-1	28663	28095	29966	28908	3.32	cps
Boron	11-1	140969	145877	146374	144407	2.07	cps
Cadmium	111-1	10973	11340	11502	11272	2.40	cps
Cadmium	106-1	5110	5043	5226	5126	1.81	cps
Cadmium	108-1	1617	1788	1717	1707	5.03	cps
Calcium	43-1	1084351	1111880	1113722	1103317	1.49	cps
Calcium	44-1	17523323	17872024	17942462	17779270	1.26	cps
Chromium	52-2	255820	253546	255649	255005	0.50	cps
Cobalt	59-2	187973	189077	190310	189120	0.62	cps
Copper	63-2	1324218	1310495	1331706	1322140	0.81	cps
Dysprosium	156-1	103315	104365	107020	104900	1.82	cps
Dysprosium	156-2	36364	36374	36250	36330	0.19	cps
Erbium	164-1	90464	92990	94996	92817	2.45	cps
Erbium	164-2	30603	30800	31231	30878	1.04	cps
Gadolinium	160-1	98429	98958	99739	99042	0.67	cps
Gadolinium	160-2	44238	42335	43272	43282	2.20	cps
Holmium	165-1	5967961	5750679	4794699	5504447	11.34	cps
Holmium	165-2	2072930	2313517	2110519	2165655	5.98	cps
Indium	115-1	4923728	4604915	3904175	4477606	11.65	cps
Indium	115-2	390887	435515	401338	409247	5.70	cps
Iron	56-2	119021925	118054203	119619730	118898619	0.66	cps
Iron	57-2	3048247	3011173	3069828	3043083	0.97	cps
Krypton	83-1	940	933	867	913	4.44	cps
Lead	206-1	13072608	13283040	13316708	13224119	1.00	cps
Lead	207-1	11154214	11351124	11429610	11311649	1.25	cps
Lead	208-1	51785813	52644620	52937293	52455908	1.14	cps
Lithium	6-1	1125123	1090699	940554	1052126	9.33	cps
Magnesium	24-2	1699519	1658596	1702795	1686970	1.46	cps

LB Number :	LB99425	Operator :	Jaswal
Lab Sample ID :	J5999-07	Instrumnet Name :	P8
Client Sample ID :	SSSI-1115-S-AB-2	Dilution Factor :	1
Date & Time Acquired ::	2018-11-27 18:49:03	DataFile Name :	040SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	950199	938446	955687	948111	0.93	cps
Molybdenum	94-1	497835	517567	517212	510871	2.21	cps
Molybdenum	95-1	18071	19173	18463	18569	3.01	cps
Molybdenum	96-1	103493	103677	106079	104416	1.38	cps
Molybdenum	97-1	11622	11030	11280	11311	2.63	cps
Molybdenum	98-1	29391	28773	29767	29311	1.71	cps
Neodymium	150-1	153162	153785	155229	154058	0.69	cps
Neodymium	150-2	36340	35839	36862	36347	1.41	cps
Nickel	60-2	244978	242977	245621	244525	0.56	cps
Phosphorus	31-2	5718	5927	6368	6004	5.53	cps
Potassium	39-2	208377	201795	208412	206194	1.85	cps
Rhodium	103-1	4783449	4488903	3781971	4351441	11.83	cps
Rhodium	103-2	1840188	2019702	1882500	1914130	4.90	cps
Scandium	45-1	3340910	3166326	2706981	3071405	10.66	cps
Scandium	45-2	48978	53537	49003	50506	5.20	cps
Selenium	77-2	217	230	263	237	10.16	cps
Selenium	78-2	126	109	126	120	8.00	cps
Selenium	82-1	318	359	437	371	16.27	cps
Silicon	28-1	20372040	20730341	20577974	20560118	0.87	cps
Silver	109-1	19690	19582	19707	19660	0.35	cps
Silver	107-1	21468	21343	22127	21646	1.95	cps
Sodium	23-2	314292	313492	314378	314054	0.16	cps
Strontium	86-1	399657	405877	416343	407292	2.07	cps
Strontium	88-1	3536767	3551823	3594998	3561196	0.85	cps
Sulfur	34-1	390756	384792	385871	387140	0.82	cps
Terbium	159-1	6307217	5911793	5057013	5758674	11.10	cps
Terbium	159-2	2116898	2298353	2135460	2183570	4.57	cps
Thallium	203-1	5518	5552	6118	5729	5.89	cps
Thallium	205-1	13066	13316	12699	13027	2.38	cps
Tin	118-1	89323	92335	94274	91977	2.71	cps
Titanium	47-1	1664959	1703174	1720632	1696255	1.68	cps
Uranium	238-1	95893	96717	96894	96501	0.55	cps
Vanadium	51-2	208426	204957	207263	206882	0.85	cps
Yttrium	89-1	6705059	6414248	5657495	6258934	8.64	cps
Yttrium	89-2	379409	410582	390163	393385	4.03	cps
Zinc	66-2	543901	538313	545475	542563	0.69	cps

LB Number :	LB99425	Operator :	Jaswal
Lab Sample ID :	J5999-07	Instrumnet Name :	P8
Client Sample ID :	SSSI-1115-S-AB-2	Dilution Factor :	1
Date & Time Acquired ::	2018-11-27 18:49:03	DataFile Name :	040SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	90-1	1383991	1387881	1410701	1394191	1.03	cps
Zirconium	91-1	298787	303700	308120	303536	1.54	cps

LB Number :	LB99425	Operator :	Jaswal
Lab Sample ID :	J5999-09	Instrumnet Name :	P8
Client Sample ID :	SSSI-1116-S-AB-4	Dilution Factor :	1
Date & Time Acquired ::	2018-11-27 18:52:20	DataFile Name :	041SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	546376	546006	559657	550679	1.41	cps
Antimony	121-1	4659	4476	4251	4462	4.59	cps
Arsenic	75-2	8406	8264	8295	8322	0.90	cps
Barium	135-1	1231441	1233100	1244147	1236229	0.56	cps
Barium	137-1	2154047	2183806	2160413	2166088	0.72	cps
Beryllium	9-1	4056	4195	4140	4130	1.69	cps
Bismuth	209-1	3639989	3592611	3684704	3639101	1.27	cps
Bismuth	209-2	1561213	1543758	1390362	1498444	6.27	cps
Boron	10-1	4793	5118	4993	4968	3.30	cps
Boron	11-1	23896	23562	25048	24168	3.23	cps
Cadmium	111-1	7232	7185	7499	7305	2.32	cps
Cadmium	106-1	2709	2800	2959	2823	4.48	cps
Cadmium	108-1	713	592	617	640	9.96	cps
Calcium	43-1	5170063	5198450	5201802	5190105	0.34	cps
Calcium	44-1	82460689	82885221	83523891	82956600	0.65	cps
Chromium	52-2	285635	282240	288899	285591	1.17	cps
Cobalt	59-2	199649	193997	203493	199046	2.40	cps
Copper	63-2	717524	708612	732458	719531	1.67	cps
Dysprosium	156-1	101534	101417	101475	101476	0.06	cps
Dysprosium	156-2	35178	34262	35094	34844	1.45	cps
Erbium	164-1	88953	86580	87763	87766	1.35	cps
Erbium	164-2	29477	29991	30512	29994	1.73	cps
Gadolinium	160-1	93283	96573	95407	95088	1.75	cps
Gadolinium	160-2	41526	40667	41951	41381	1.58	cps
Holmium	165-1	5945303	5924118	6005889	5958437	0.71	cps
Holmium	165-2	2122325	2085781	1901750	2036618	5.80	cps
Indium	115-1	4822584	4746551	4905708	4824948	1.65	cps
Indium	115-2	398417	390052	354870	381113	6.06	cps
Iron	56-2	94090894	90990774	95207477	93429715	2.34	cps
Iron	57-2	2421207	2338447	2425575	2395076	2.05	cps
Krypton	83-1	977	963	900	947	4.33	cps
Lead	206-1	2204613	2159336	2263184	2209045	2.36	cps
Lead	207-1	1849373	1818371	1859061	1842268	1.15	cps
Lead	208-1	8576974	8468836	8741474	8595761	1.60	cps
Lithium	6-1	1102440	1095353	1119277	1105690	1.11	cps
Magnesium	24-2	7015017	6946784	7103010	7021603	1.12	cps

LB Number :	LB99425	Operator :	Jaswal
Lab Sample ID :	J5999-09	Instrumnet Name :	P8
Client Sample ID :	SSSI-1116-S-AB-4	Dilution Factor :	1
Date & Time Acquired ::	2018-11-27 18:52:20	DataFile Name :	041SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	1255246	1232090	1276029	1254455	1.75	cps
Molybdenum	94-1	129889	130926	130968	130594	0.47	cps
Molybdenum	95-1	13391	12998	14000	13463	3.75	cps
Molybdenum	96-1	35414	36291	34879	35528	2.01	cps
Molybdenum	97-1	8103	8411	8912	8475	4.82	cps
Molybdenum	98-1	21284	21560	21518	21454	0.69	cps
Neodymium	150-1	152846	155437	151701	153328	1.25	cps
Neodymium	150-2	36217	35742	36718	36226	1.35	cps
Nickel	60-2	381688	375203	388492	381794	1.74	cps
Phosphorus	31-2	5418	5901	5710	5676	4.29	cps
Potassium	39-2	226689	227620	230200	228170	0.80	cps
Rhodium	103-1	4596158	4535336	4649261	4593585	1.24	cps
Rhodium	103-2	1850408	1791510	1655853	1765923	5.65	cps
Scandium	45-1	3340683	3268031	3330951	3313222	1.19	cps
Scandium	45-2	50166	48607	44177	47650	6.52	cps
Selenium	77-2	183	217	153	184	17.18	cps
Selenium	78-2	117	128	122	122	4.54	cps
Selenium	82-1	299	287	422	336	22.27	cps
Silicon	28-1	17882163	17948328	18196575	18009022	0.92	cps
Silver	109-1	7636	7644	7311	7530	2.53	cps
Silver	107-1	7953	8245	8086	8094	1.80	cps
Sodium	23-2	97961	97073	100855	98630	2.01	cps
Strontium	86-1	691802	693934	703209	696315	0.87	cps
Strontium	88-1	6006638	5994990	6023921	6008517	0.24	cps
Sulfur	34-1	485128	486445	485661	485745	0.14	cps
Terbium	159-1	6285080	6210311	6291355	6262249	0.72	cps
Terbium	159-2	2129978	2102056	1902614	2044883	6.06	cps
Thallium	203-1	4551	4368	4576	4498	2.53	cps
Thallium	205-1	10497	10221	10321	10346	1.35	cps
Tin	118-1	18931	19699	18705	19112	2.73	cps
Titanium	47-1	1152218	1161686	1163495	1159133	0.52	cps
Uranium	238-1	108993	109731	110431	109719	0.66	cps
Vanadium	51-2	170139	168308	172716	170388	1.30	cps
Yttrium	89-1	6659562	6604819	6702314	6655565	0.73	cps
Yttrium	89-2	386962	378883	352595	372813	4.82	cps
Zinc	66-2	263513	262084	268782	264793	1.33	cps

LB Number :	LB99425	Operator :	Jaswal
Lab Sample ID :	J5999-09	Instrumnet Name :	P8
Client Sample ID :	SSSI-1116-S-AB-4	Dilution Factor :	1
Date & Time Acquired ::	2018-11-27 18:52:20	DataFile Name :	041SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	90-1	333164	338260	331912	334445	1.01	cps
Zirconium	91-1	73868	74907	75669	74815	1.21	cps

LB Number :	LB99425	Operator :	Jaswal
Lab Sample ID :	J5999-10	Instrumnet Name :	P8
Client Sample ID :	SSSI-1116-S-AB-5	Dilution Factor :	1
Date & Time Acquired ::	2018-11-27 18:55:37	DataFile Name :	042SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	1132906	1132279	1135342	1133509	0.14	cps
Antimony	121-1	1033	1000	983	1006	2.53	cps
Arsenic	75-2	3971	3897	3701	3856	3.62	cps
Barium	135-1	658187	664301	674824	665770	1.26	cps
Barium	137-1	1139588	1150595	1171510	1153898	1.41	cps
Beryllium	9-1	7975	8236	8308	8173	2.15	cps
Bismuth	209-1	4076648	3953544	3751290	3927161	4.18	cps
Bismuth	209-2	1635562	1627771	1637011	1633448	0.30	cps
Boron	10-1	2892	2525	2525	2648	8.00	cps
Boron	11-1	14124	14349	13857	14110	1.75	cps
Cadmium	111-1	2700	2972	2910	2861	4.97	cps
Cadmium	106-1	2809	3017	2975	2934	3.76	cps
Cadmium	108-1	433	504	533	490	10.49	cps
Calcium	43-1	119404	122278	121151	120945	1.20	cps
Calcium	44-1	1936205	2004971	2035401	1992193	2.55	cps
Chromium	52-2	492688	492757	488537	491327	0.49	cps
Cobalt	59-2	694993	696470	695278	695580	0.11	cps
Copper	63-2	381639	384578	382615	382944	0.39	cps
Dysprosium	156-1	166760	168735	169419	168305	0.82	cps
Dysprosium	156-2	56729	57178	55972	56626	1.08	cps
Erbium	164-1	134102	137077	138160	136446	1.54	cps
Erbium	164-2	46138	45413	45907	45819	0.81	cps
Gadolinium	160-1	152720	152592	158807	154706	2.30	cps
Gadolinium	160-2	67597	67128	67178	67301	0.38	cps
Holmium	165-1	6686948	6575270	6194223	6485480	3.98	cps
Holmium	165-2	2212017	2189950	2192833	2198266	0.55	cps
Indium	115-1	5381116	5328964	4943607	5217896	4.58	cps
Indium	115-2	405907	404943	407425	406092	0.31	cps
Iron	56-2	134042786	133873697	133634217	133850234	0.15	cps
Iron	57-2	3398977	3437174	3414807	3416986	0.56	cps
Krypton	83-1	1060	1020	953	1011	5.33	cps
Lead	206-1	455798	461427	468653	461959	1.39	cps
Lead	207-1	369622	379392	385418	378144	2.11	cps
Lead	208-1	1747106	1787417	1809575	1781366	1.78	cps
Lithium	6-1	1228126	1196543	1144877	1189849	3.53	cps
Magnesium	24-2	1947137	1950272	1946187	1947865	0.11	cps

LB Number :	LB99425	Operator :	Jaswal
Lab Sample ID :	J5999-10	Instrumnet Name :	P8
Client Sample ID :	SSSI-1116-S-AB-5	Dilution Factor :	1
Date & Time Acquired ::	2018-11-27 18:55:37	DataFile Name :	042SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	1815095	1807138	1795968	1806067	0.53	cps
Molybdenum	94-1	198731	205525	206191	203483	2.03	cps
Molybdenum	95-1	6060	6469	6610	6380	4.48	cps
Molybdenum	96-1	41531	40428	41916	41292	1.87	cps
Molybdenum	97-1	3617	3851	3934	3801	4.32	cps
Molybdenum	98-1	9620	10096	9904	9873	2.42	cps
Neodymium	150-1	258298	261262	266898	262153	1.67	cps
Neodymium	150-2	62655	62736	61701	62364	0.92	cps
Nickel	60-2	874589	873942	871209	873247	0.21	cps
Phosphorus	31-2	1725	2059	1867	1884	8.88	cps
Potassium	39-2	324811	323267	327455	325177	0.65	cps
Rhodium	103-1	5250753	5160346	4778891	5063330	4.95	cps
Rhodium	103-2	1904055	1899760	1902122	1901979	0.11	cps
Scandium	45-1	3791095	3712387	3522090	3675190	3.76	cps
Scandium	45-2	51671	51668	52568	51969	1.00	cps
Selenium	77-2	277	370	300	316	15.39	cps
Selenium	78-2	183	174	181	180	2.73	cps
Selenium	82-1	271	243	371	295	22.89	cps
Silicon	28-1	28686362	29563977	28805845	29018728	1.64	cps
Silver	109-1	1867	1667	1659	1731	6.82	cps
Silver	107-1	2150	2317	2309	2259	4.16	cps
Sodium	23-2	102048	101712	103970	102577	1.19	cps
Strontium	86-1	109738	109009	110771	109839	0.81	cps
Strontium	88-1	942554	952171	967502	954076	1.32	cps
Sulfur	34-1	293973	282472	275931	284125	3.21	cps
Terbium	159-1	7034785	6885966	6423741	6781497	4.70	cps
Terbium	159-2	2194440	2172371	2213589	2193467	0.94	cps
Thallium	203-1	7194	7945	8036	7725	5.98	cps
Thallium	205-1	17721	18039	18614	18125	2.50	cps
Tin	118-1	10480	11063	11097	10880	3.19	cps
Titanium	47-1	2436845	2438778	2455668	2443764	0.42	cps
Uranium	238-1	106774	109557	110144	108825	1.65	cps
Vanadium	51-2	204107	204905	203989	204334	0.24	cps
Yttrium	89-1	7812593	7700147	7384271	7632337	2.91	cps
Yttrium	89-2	426372	422684	423437	424164	0.46	cps
Zinc	66-2	101283	102371	102247	101967	0.58	cps

LB Number :	LB99425	Operator :	Jaswal
Lab Sample ID :	J5999-10	Instrumnet Name :	P8
Client Sample ID :	SSSI-1116-S-AB-5	Dilution Factor :	1
Date & Time Acquired ::	2018-11-27 18:55:37	DataFile Name :	042SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	90-1	546703	554319	562750	554591	1.45	cps
Zirconium	91-1	121001	123010	126274	123428	2.16	cps

LB Number :	LB99425	Operator :	Jaswal
Lab Sample ID :	J5999-10DUP	Instrumnet Name :	P8
Client Sample ID :	SSSI-1116-S-AB-5DUP	Dilution Factor :	1
Date & Time Acquired ::	2018-11-27 18:58:56	DataFile Name :	043SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	1137362	1133160	1120691	1130404	0.77	cps
Antimony	121-1	1025	1108	1133	1089	5.21	cps
Arsenic	75-2	4408	4190	4306	4301	2.54	cps
Barium	135-1	663256	677842	679275	673458	1.32	cps
Barium	137-1	1156308	1164980	1170806	1164031	0.63	cps
Beryllium	9-1	8764	8820	8909	8831	0.83	cps
Bismuth	209-1	3586984	3546531	3627739	3587085	1.13	cps
Bismuth	209-2	1554332	1550616	1507513	1537487	1.69	cps
Boron	10-1	2767	2784	2675	2742	2.13	cps
Boron	11-1	13523	13765	13106	13465	2.48	cps
Cadmium	111-1	2734	2958	2762	2818	4.33	cps
Cadmium	106-1	2509	2834	2600	2648	6.33	cps
Cadmium	108-1	538	567	500	535	6.25	cps
Calcium	43-1	118102	120161	119227	119164	0.87	cps
Calcium	44-1	1936289	1964023	1980313	1960208	1.14	cps
Chromium	52-2	571617	572403	568053	570691	0.41	cps
Cobalt	59-2	639617	641133	632737	637829	0.70	cps
Copper	63-2	375133	375780	368227	373047	1.12	cps
Dysprosium	156-1	165367	168416	170802	168195	1.62	cps
Dysprosium	156-2	55681	56860	56578	56373	1.09	cps
Erbium	164-1	136277	138228	140139	138215	1.40	cps
Erbium	164-2	47071	46884	46298	46751	0.86	cps
Gadolinium	160-1	149693	153014	157694	153467	2.62	cps
Gadolinium	160-2	67430	67966	66147	67181	1.39	cps
Holmium	165-1	5883927	5856026	5987929	5909294	1.18	cps
Holmium	165-2	2083552	2089293	2021788	2064877	1.81	cps
Indium	115-1	4699797	4756077	4694589	4716821	0.72	cps
Indium	115-2	386563	379542	377797	381301	1.22	cps
Iron	56-2	143196053	143671748	141900587	142922796	0.64	cps
Iron	57-2	3628863	3638233	3582122	3616406	0.83	cps
Krypton	83-1	1007	1047	973	1009	3.64	cps
Lead	206-1	469750	472989	479908	474216	1.09	cps
Lead	207-1	380632	386439	390949	386007	1.34	cps
Lead	208-1	1805343	1825002	1841570	1823972	0.99	cps
Lithium	6-1	1104440	1093914	1106515	1101623	0.61	cps
Magnesium	24-2	1924385	1896870	1867042	1896099	1.51	cps

LB Number :	LB99425	Operator :	Jaswal
Lab Sample ID :	J5999-10DUP	Instrumnet Name :	P8
Client Sample ID :	SSSI-1116-S-AB-5DUP	Dilution Factor :	1
Date & Time Acquired ::	2018-11-27 18:58:56	DataFile Name :	043SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	1814093	1814480	1789104	1805893	0.81	cps
Molybdenum	94-1	206161	203676	210567	206802	1.69	cps
Molybdenum	95-1	6635	6302	6694	6544	3.23	cps
Molybdenum	96-1	41573	42701	42509	42261	1.43	cps
Molybdenum	97-1	3901	4268	3867	4012	5.53	cps
Molybdenum	98-1	11105	10771	11022	10966	1.58	cps
Neodymium	150-1	256012	259165	262057	259078	1.17	cps
Neodymium	150-2	61222	62786	61426	61811	1.38	cps
Nickel	60-2	837992	844366	829463	837274	0.89	cps
Phosphorus	31-2	1875	1892	1734	1834	4.75	cps
Potassium	39-2	308463	305327	304581	306124	0.67	cps
Rhodium	103-1	4597372	4516469	4531399	4548413	0.95	cps
Rhodium	103-2	1805439	1798849	1775544	1793277	0.88	cps
Scandium	45-1	3357986	3366330	3418079	3380798	0.96	cps
Scandium	45-2	49279	49617	48109	49002	1.62	cps
Selenium	77-2	343	297	347	329	8.50	cps
Selenium	78-2	176	119	191	162	23.59	cps
Selenium	82-1	291	301	311	301	3.29	cps
Silicon	28-1	30015128	30424859	30302532	30247506	0.70	cps
Silver	109-1	1792	1717	2142	1884	12.05	cps
Silver	107-1	2284	2217	2142	2214	3.20	cps
Sodium	23-2	100872	100220	99792	100294	0.54	cps
Strontium	86-1	108378	107126	110789	108764	1.71	cps
Strontium	88-1	924952	935059	935755	931922	0.65	cps
Sulfur	34-1	252147	253922	252776	252948	0.36	cps
Terbium	159-1	6020477	6116812	6212448	6116579	1.57	cps
Terbium	159-2	2081911	2085209	2056057	2074392	0.77	cps
Thallium	203-1	7386	7419	8211	7672	6.09	cps
Thallium	205-1	17279	18038	17521	17613	2.20	cps
Tin	118-1	10513	10880	10997	10796	2.34	cps
Titanium	47-1	2303545	2320043	2311144	2311577	0.36	cps
Uranium	238-1	112833	114297	115870	114334	1.33	cps
Vanadium	51-2	208041	206376	206114	206843	0.51	cps
Yttrium	89-1	6987556	7063101	7049600	7033419	0.57	cps
Yttrium	89-2	407411	404519	401302	404411	0.76	cps
Zinc	66-2	100376	100534	99426	100112	0.60	cps

LB Number :	LB99425	Operator :	Jaswal
Lab Sample ID :	J5999-10DUP	Instrumnet Name :	P8
Client Sample ID :	SSSI-1116-S-AB-5DUP	Dilution Factor :	1
Date & Time Acquired ::	2018-11-27 18:58:56	DataFile Name :	043SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	90-1	553167	559474	565437	559359	1.10	cps
Zirconium	91-1	121775	125700	127081	124852	2.20	cps

LB Number :	LB99425	Operator :	Jaswal
Lab Sample ID :	J5999-10LX5	Instrumnet Name :	P8
Client Sample ID :	SSSI-1116-S-AB-5L	Dilution Factor :	5
Date & Time Acquired ::	2018-11-27 19:02:17	DataFile Name :	044SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	234287	230099	237685	234024	1.62	cps
Antimony	121-1	283	383	392	353	17.09	cps
Arsenic	75-2	748	780	794	774	3.05	cps
Barium	135-1	133450	133232	134401	133695	0.46	cps
Barium	137-1	230469	226732	235053	230751	1.81	cps
Beryllium	9-1	1911	1583	1934	1809	10.83	cps
Bismuth	209-1	3770096	3770488	3826569	3789051	0.86	cps
Bismuth	209-2	1694213	1649190	1435103	1592835	8.69	cps
Boron	10-1	858	700	983	847	16.76	cps
Boron	11-1	4551	4459	4284	4431	3.06	cps
Cadmium	111-1	1219	1166	1206	1197	2.30	cps
Cadmium	106-1	1425	1433	1467	1442	1.53	cps
Cadmium	108-1	100	113	125	113	11.11	cps
Calcium	43-1	25299	25257	24522	25026	1.75	cps
Calcium	44-1	412231	409667	415495	412464	0.71	cps
Chromium	52-2	102677	101180	103039	102298	0.96	cps
Cobalt	59-2	144863	141452	145410	143908	1.49	cps
Copper	63-2	80169	78722	80693	79861	1.28	cps
Dysprosium	156-1	32834	33987	32834	33218	2.00	cps
Dysprosium	156-2	11372	11412	11095	11293	1.53	cps
Erbium	164-1	26662	27430	27446	27179	1.65	cps
Erbium	164-2	9283	9307	9390	9327	0.60	cps
Gadolinium	160-1	31506	31439	30236	31060	2.30	cps
Gadolinium	160-2	13407	13287	13764	13486	1.84	cps
Holmium	165-1	5976087	6065449	6147251	6062929	1.41	cps
Holmium	165-2	2206145	2148847	1884469	2079821	8.25	cps
Indium	115-1	4968336	5093063	5142459	5067953	1.77	cps
Indium	115-2	423583	414929	357857	398790	8.95	cps
Iron	56-2	27896921	27403070	28008280	27769424	1.16	cps
Iron	57-2	699614	688151	705164	697643	1.24	cps
Krypton	83-1	883	783	920	862	8.20	cps
Lead	206-1	91801	92686	92032	92173	0.50	cps
Lead	207-1	75787	75524	75205	75505	0.39	cps
Lead	208-1	354739	356178	357003	355973	0.32	cps
Lithium	6-1	1134918	1131049	1136027	1133998	0.23	cps
Magnesium	24-2	396540	390697	404688	397308	1.77	cps

LB Number :	LB99425	Operator :	Jaswal
Lab Sample ID :	J5999-10LX5	Instrumnet Name :	P8
Client Sample ID :	SSSI-1116-S-AB-5L	Dilution Factor :	5
Date & Time Acquired ::	2018-11-27 19:02:17	DataFile Name :	044SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	372199	363983	369625	368602	1.14	cps
Molybdenum	94-1	39417	39358	40879	39884	2.16	cps
Molybdenum	95-1	1467	1233	1175	1292	11.95	cps
Molybdenum	96-1	8061	8320	8620	8334	3.36	cps
Molybdenum	97-1	792	808	783	795	1.60	cps
Molybdenum	98-1	2017	2000	2184	2067	4.91	cps
Neodymium	150-1	52318	52807	52686	52604	0.48	cps
Neodymium	150-2	12603	12466	12683	12584	0.87	cps
Nickel	60-2	181803	180083	182155	181347	0.61	cps
Phosphorus	31-2	308	450	383	381	18.62	cps
Potassium	39-2	72328	71264	70980	71524	0.99	cps
Rhodium	103-1	4934506	4929559	4958349	4940805	0.31	cps
Rhodium	103-2	1998207	1954957	1694869	1882678	8.72	cps
Scandium	45-1	3306086	3271774	3329756	3302539	0.88	cps
Scandium	45-2	49647	48343	42119	46703	8.61	cps
Selenium	77-2	67	70	80	72	9.61	cps
Selenium	78-2	35	24	44	35	29.51	cps
Selenium	82-1	18	103	-51	23	330.11	cps
Silicon	28-1	7603542	7745406	7628397	7659115	0.99	cps
Silver	109-1	350	492	308	383	25.07	cps
Silver	107-1	508	467	475	483	4.56	cps
Sodium	23-2	25390	25624	26592	25869	2.46	cps
Strontium	86-1	23530	23939	23554	23674	0.97	cps
Strontium	88-1	190017	190756	188925	189899	0.49	cps
Sulfur	34-1	232347	230840	232347	231844	0.38	cps
Terbium	159-1	6354516	6324814	6338739	6339356	0.23	cps
Terbium	159-2	2198396	2103837	1845731	2049321	8.91	cps
Thallium	203-1	1725	1534	1559	1606	6.49	cps
Thallium	205-1	3984	3726	3992	3901	3.89	cps
Tin	118-1	2409	2434	2350	2398	1.78	cps
Titanium	47-1	526039	530358	525556	527318	0.50	cps
Uranium	238-1	21753	20885	20985	21208	2.24	cps
Vanadium	51-2	41973	41833	42488	42098	0.82	cps
Yttrium	89-1	5856271	5893494	5906197	5885321	0.44	cps
Yttrium	89-2	345926	335843	297330	326366	7.86	cps
Zinc	66-2	20983	21434	21637	21351	1.57	cps

LB Number :	LB99425	Operator :	Jaswal
Lab Sample ID :	J5999-10LX5	Instrumnet Name :	P8
Client Sample ID :	SSSI-1116-S-AB-5L	Dilution Factor :	5
Date & Time Acquired ::	2018-11-27 19:02:17	DataFile Name :	044SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	90-1	109000	109564	109204	109256	0.26	cps
Zirconium	91-1	23972	23955	24506	24144	1.30	cps

LB Number :	LB99425	Operator :	Jaswal
Lab Sample ID :	J5999-10MS	Instrumnet Name :	P8
Client Sample ID :	SSSI-1116-S-AB-5MS	Dilution Factor :	1
Date & Time Acquired ::	2018-11-27 19:05:38	DataFile Name :	045SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	1459789	1435778	1433715	1443094	1.00	cps
Antimony	121-1	360345	360241	365690	362092	0.86	cps
Arsenic	75-2	62200	61603	62507	62103	0.74	cps
Barium	135-1	3958162	3980396	3999751	3979436	0.52	cps
Barium	137-1	6737172	6789469	6831014	6785885	0.69	cps
Beryllium	9-1	513699	519661	522324	518562	0.85	cps
Bismuth	209-1	3626027	3676470	3675911	3659470	0.79	cps
Bismuth	209-2	1551469	1553043	1566694	1557069	0.54	cps
Boron	10-1	59800	62386	63433	61873	3.02	cps
Boron	11-1	303739	313388	317948	311691	2.33	cps
Cadmium	111-1	691092	706847	705969	701303	1.26	cps
Cadmium	106-1	73911	74196	74732	74280	0.56	cps
Cadmium	108-1	50285	50611	51193	50697	0.91	cps
Calcium	43-1	893968	911551	915118	906879	1.25	cps
Calcium	44-1	14463634	14660286	14737966	14620629	0.97	cps
Chromium	52-2	1208335	1206351	1213808	1209498	0.32	cps
Cobalt	59-2	1746467	1745230	1761804	1751167	0.53	cps
Copper	63-2	2072244	2058670	2066455	2065790	0.33	cps
Dysprosium	156-1	186199	194443	194180	191608	2.45	cps
Dysprosium	156-2	65741	66679	66468	66296	0.74	cps
Erbium	164-1	161205	162700	166571	163492	1.69	cps
Erbium	164-2	55093	55631	54323	55016	1.20	cps
Gadolinium	160-1	180129	186491	184708	183776	1.79	cps
Gadolinium	160-2	79818	80087	79936	79947	0.17	cps
Holmium	165-1	6032636	6020122	6085342	6046033	0.57	cps
Holmium	165-2	2147886	2151045	2152939	2150623	0.12	cps
Indium	115-1	4708358	4790728	4753565	4750884	0.87	cps
Indium	115-2	384970	383767	380800	383179	0.56	cps
Iron	56-2	198800466	199212749	199147377	199053530	0.11	cps
Iron	57-2	5029082	5065062	5006475	5033540	0.59	cps
Krypton	83-1	1040	957	1050	1016	5.05	cps
Lead	206-1	2432787	2459582	2503074	2465148	1.44	cps
Lead	207-1	2108708	2130564	2161611	2133628	1.25	cps
Lead	208-1	9643545	9829785	9903887	9792406	1.37	cps
Lithium	6-1	1112671	1109941	1123723	1115445	0.65	cps
Magnesium	24-2	4179935	4209444	4249723	4213034	0.83	cps

LB Number :	LB99425	Operator :	Jaswal
Lab Sample ID :	J5999-10MS	Instrumnet Name :	P8
Client Sample ID :	SSSI-1116-S-AB-5MS	Dilution Factor :	1
Date & Time Acquired ::	2018-11-27 19:05:38	DataFile Name :	045SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	2310879	2272027	2289279	2290728	0.85	cps
Molybdenum	94-1	5314894	5259169	5374430	5316164	1.08	cps
Molybdenum	95-1	6088240	6193138	6230645	6170674	1.20	cps
Molybdenum	96-1	6872317	6910244	6944316	6908959	0.52	cps
Molybdenum	97-1	3850651	3879167	3897125	3875648	0.60	cps
Molybdenum	98-1	9951195	9957354	10041414	9983321	0.50	cps
Neodymium	150-1	301913	304045	304885	303614	0.50	cps
Neodymium	150-2	71570	71627	72536	71911	0.75	cps
Nickel	60-2	1752242	1784781	1765174	1767399	0.93	cps
Phosphorus	31-2	2475	2442	2559	2492	2.41	cps
Potassium	39-2	1016850	1013418	1029143	1019804	0.81	cps
Rhodium	103-1	4532695	4513267	4593395	4546452	0.92	cps
Rhodium	103-2	1812975	1784234	1824574	1807261	1.15	cps
Scandium	45-1	3574208	3547560	3650914	3590894	1.49	cps
Scandium	45-2	53632	53836	53976	53815	0.32	cps
Selenium	77-2	773	860	800	811	5.47	cps
Selenium	78-2	1763	1837	1828	1809	2.23	cps
Selenium	82-1	36867	37375	37385	37209	0.80	cps
Silicon	28-1	26368037	26408519	26758178	26511578	0.81	cps
Silver	109-1	249413	252559	257020	252998	1.51	cps
Silver	107-1	267698	267800	274194	269897	1.38	cps
Sodium	23-2	4203479	4195578	4227538	4208865	0.40	cps
Strontium	86-1	940485	960406	969928	956940	1.57	cps
Strontium	88-1	8076060	8274203	8281784	8210682	1.42	cps
Sulfur	34-1	273263	271375	271951	272196	0.36	cps
Terbium	159-1	6250341	6271324	6293746	6271803	0.35	cps
Terbium	159-2	2133451	2139747	2124144	2132447	0.37	cps
Thallium	203-1	2342292	2352004	2399429	2364575	1.29	cps
Thallium	205-1	5432102	5536939	5588175	5519072	1.44	cps
Tin	118-1	1608896	1654373	1636631	1633300	1.40	cps
Titanium	47-1	6153068	6211302	6255089	6206486	0.82	cps
Uranium	238-1	7240428	7444755	7559372	7414852	2.18	cps
Vanadium	51-2	666975	663645	670485	667035	0.51	cps
Yttrium	89-1	7428999	7503775	7573002	7501925	0.96	cps
Yttrium	89-2	430796	426349	430841	429329	0.60	cps
Zinc	66-2	297047	295846	298029	296974	0.37	cps

LB Number :	LB99425	Operator :	Jaswal
Lab Sample ID :	J5999-10MS	Instrumnet Name :	P8
Client Sample ID :	SSSI-1116-S-AB-5MS	Dilution Factor :	1
Date & Time Acquired ::	2018-11-27 19:05:38	DataFile Name :	045SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	90-1	4951002	4997440	5076938	5008460	1.27	cps
Zirconium	91-1	1097015	1109024	1121798	1109279	1.12	cps

LB Number :	LB99425	Operator :	Jaswal
Lab Sample ID :	J5999-10MSD	Instrumnet Name :	P8
Client Sample ID :	SSSI-1116-S-AB-5MSD	Dilution Factor :	1
Date & Time Acquired ::	2018-11-27 19:08:50	DataFile Name :	046SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	1363515	1359907	1376427	1366616	0.64	cps
Antimony	121-1	347828	352756	357303	352629	1.34	cps
Arsenic	75-2	58897	59665	59892	59485	0.88	cps
Barium	135-1	3959807	3941140	3964730	3955226	0.31	cps
Barium	137-1	6775251	6816335	6857039	6816208	0.60	cps
Beryllium	9-1	499489	504261	514294	506015	1.49	cps
Bismuth	209-1	3632840	3596706	3715346	3648297	1.67	cps
Bismuth	209-2	1549589	1563314	1580375	1564426	0.99	cps
Boron	10-1	60051	59432	62386	60623	2.57	cps
Boron	11-1	299502	304324	308785	304204	1.53	cps
Cadmium	111-1	686100	686016	696004	689373	0.83	cps
Cadmium	106-1	72110	72589	72679	72459	0.42	cps
Cadmium	108-1	49073	49512	50043	49543	0.98	cps
Calcium	43-1	863005	864402	880650	869352	1.13	cps
Calcium	44-1	13994035	14095432	14181572	14090346	0.67	cps
Chromium	52-2	1165561	1174782	1172653	1170999	0.41	cps
Cobalt	59-2	1892749	1934929	1918834	1915504	1.11	cps
Copper	63-2	1948987	1935164	1966227	1950126	0.80	cps
Dysprosium	156-1	165875	168178	168743	167599	0.91	cps
Dysprosium	156-2	55246	55714	56729	55896	1.36	cps
Erbium	164-1	135836	140897	142599	139777	2.52	cps
Erbium	164-2	46573	47262	46814	46883	0.75	cps
Gadolinium	160-1	150824	153318	153569	152570	0.99	cps
Gadolinium	160-2	66575	66582	67115	66757	0.46	cps
Holmium	165-1	5955361	6050842	6134054	6046752	1.48	cps
Holmium	165-2	2106581	2092394	2161014	2119997	1.71	cps
Indium	115-1	4698926	4679517	4760848	4713097	0.90	cps
Indium	115-2	380114	378773	383324	380737	0.61	cps
Iron	56-2	172512059	173696809	173547626	173252165	0.37	cps
Iron	57-2	4353812	4393200	4354494	4367169	0.52	cps
Krypton	83-1	1057	1050	1010	1039	2.43	cps
Lead	206-1	2476289	2467649	2528588	2490842	1.32	cps
Lead	207-1	2119103	2146565	2135608	2133759	0.65	cps
Lead	208-1	9773247	9784622	9923223	9827031	0.85	cps
Lithium	6-1	1091355	1107583	1113423	1104121	1.04	cps
Magnesium	24-2	5785120	5805200	5849603	5813308	0.57	cps

LB Number :	LB99425	Operator :	Jaswal
Lab Sample ID :	J5999-10MSD	Instrumnet Name :	P8
Client Sample ID :	SSSI-1116-S-AB-5MSD	Dilution Factor :	1
Date & Time Acquired ::	2018-11-27 19:08:50	DataFile Name :	046SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	3136855	3158991	3151048	3148965	0.36	cps
Molybdenum	94-1	5041069	5101318	5192742	5111710	1.49	cps
Molybdenum	95-1	5881968	5937912	6067613	5962498	1.60	cps
Molybdenum	96-1	6631863	6652339	6738059	6674087	0.84	cps
Molybdenum	97-1	3731548	3722694	3763518	3739253	0.57	cps
Molybdenum	98-1	9458017	9518202	9761604	9579274	1.68	cps
Neodymium	150-1	258126	256464	260900	258497	0.87	cps
Neodymium	150-2	60984	61835	61891	61570	0.83	cps
Nickel	60-2	1571929	1585728	1582417	1580025	0.46	cps
Phosphorus	31-2	2100	2475	2325	2300	8.21	cps
Potassium	39-2	856582	861748	868197	862176	0.67	cps
Rhodium	103-1	4453301	4461501	4558506	4491103	1.30	cps
Rhodium	103-2	1781431	1796097	1786506	1788011	0.42	cps
Scandium	45-1	3408977	3390514	3472444	3423978	1.26	cps
Scandium	45-2	50862	50969	50597	50809	0.38	cps
Selenium	77-2	723	713	717	718	0.71	cps
Selenium	78-2	1619	1702	1735	1685	3.57	cps
Selenium	82-1	35221	35365	35818	35468	0.88	cps
Silicon	28-1	18832080	18658178	19001429	18830562	0.91	cps
Silver	109-1	237357	233663	240157	237059	1.37	cps
Silver	107-1	247292	249613	255386	250764	1.66	cps
Sodium	23-2	4161939	4131964	4164775	4152892	0.44	cps
Strontium	86-1	930509	926466	946307	934427	1.12	cps
Strontium	88-1	8037475	8031172	8180583	8083077	1.05	cps
Sulfur	34-1	274391	274482	277670	275514	0.68	cps
Terbium	159-1	6264509	6288170	6350622	6301100	0.71	cps
Terbium	159-2	2091177	2112635	2148299	2117371	1.36	cps
Thallium	203-1	2317584	2305255	2344337	2322392	0.86	cps
Thallium	205-1	5381666	5390589	5490537	5420931	1.12	cps
Tin	118-1	1670723	1675014	1706161	1683966	1.15	cps
Titanium	47-1	3987273	3939945	4024818	3984012	1.07	cps
Uranium	238-1	7186313	7252149	7315706	7251389	0.89	cps
Vanadium	51-2	562431	565559	567721	565237	0.47	cps
Yttrium	89-1	7070674	7170875	7213831	7151793	1.03	cps
Yttrium	89-2	403403	403687	407166	404752	0.52	cps
Zinc	66-2	267928	268170	268044	268047	0.05	cps

LB Number :	LB99425	Operator :	Jaswal
Lab Sample ID :	J5999-10MSD	Instrumnet Name :	P8
Client Sample ID :	SSSI-1116-S-AB-5MSD	Dilution Factor :	1
Date & Time Acquired ::	2018-11-27 19:08:50	DataFile Name :	046SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	90-1	4845811	4813345	4943926	4867694	1.40	cps
Zirconium	91-1	1054112	1063646	1069706	1062488	0.74	cps

LB Number :	LB99425	Operator :	Jaswal
Lab Sample ID :	CCV70	Instrumnet Name :	P8
Client Sample ID :	CCV70	Dilution Factor :	1
Date & Time Acquired ::	2018-11-27 19:13:38	DataFile Name :	047CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	470123	465355	471560	469012	0.69	cps
Antimony	121-1	3063809	3217410	3104817	3128679	2.54	cps
Arsenic	75-2	62023	61964	61330	61772	0.62	cps
Barium	135-1	3256225	3342703	3288511	3295813	1.33	cps
Barium	137-1	5497911	5750088	5631831	5626610	2.24	cps
Beryllium	9-1	513338	530128	519880	521115	1.62	cps
Bismuth	209-1	3540680	3495003	3618454	3551379	1.76	cps
Bismuth	209-2	1535179	1557311	1567510	1553333	1.06	cps
Boron	10-1	61767	64830	65533	64044	3.13	cps
Boron	11-1	310306	321533	321930	317923	2.08	cps
Cadmium	111-1	695827	721999	705674	707833	1.87	cps
Cadmium	106-1	72052	76224	73433	73903	2.88	cps
Cadmium	108-1	49838	51469	50620	50642	1.61	cps
Calcium	43-1	3747090	3807667	3817599	3790786	1.01	cps
Calcium	44-1	59642160	61484406	61052806	60726457	1.59	cps
Chromium	52-2	509645	513768	513269	512228	0.44	cps
Cobalt	59-2	986108	981275	975417	980933	0.55	cps
Copper	63-2	1632871	1666188	1668318	1655792	1.20	cps
Dysprosium	156-1	117	133	133	128	7.53	cps
Dysprosium	156-2	10	20	10	13	43.30	cps
Erbium	164-1	25	8	17	17	50.01	cps
Erbium	164-2	7	7	7	7	0.00	cps
Gadolinium	160-1	83	67	67	72	13.33	cps
Gadolinium	160-2	13	43	17	24	67.26	cps
Holmium	165-1	5781196	5773135	5906019	5820117	1.28	cps
Holmium	165-2	2102422	2131766	2133073	2122420	0.82	cps
Indium	115-1	4548061	4585177	4658437	4597225	1.22	cps
Indium	115-2	380918	380394	386560	382624	0.89	cps
Iron	56-2	87169835	87522763	86207541	86966713	0.78	cps
Iron	57-2	2233737	2228721	2236583	2233014	0.18	cps
Krypton	83-1	823	817	847	829	1.90	cps
Lead	206-1	1875710	1946461	1889644	1903938	1.97	cps
Lead	207-1	1681020	1757334	1705779	1714711	2.27	cps
Lead	208-1	7643377	7872107	7704719	7740068	1.53	cps
Lithium	6-1	1032729	1021617	1058935	1037760	1.85	cps
Magnesium	24-2	9414770	9329633	9452727	9399043	0.67	cps

LB Number :	LB99425	Operator :	Jaswal
Lab Sample ID :	CCV70	Instrumnet Name :	P8
Client Sample ID :	CCV70	Dilution Factor :	1
Date & Time Acquired ::	2018-11-27 19:13:38	DataFile Name :	047CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	318448	316735	318699	317961	0.34	cps
Molybdenum	94-1	5517235	5652570	5615493	5595099	1.25	cps
Molybdenum	95-1	6837504	7054357	6998077	6963313	1.62	cps
Molybdenum	96-1	7599371	7863364	7672104	7711613	1.77	cps
Molybdenum	97-1	4267052	4408839	4342031	4339308	1.63	cps
Molybdenum	98-1	10902945	11352819	11131131	11128965	2.02	cps
Neodymium	150-1	160	200	167	176	12.21	cps
Neodymium	150-2	27	27	10	21	45.58	cps
Nickel	60-2	292128	292917	294248	293097	0.37	cps
Phosphorus	31-2	6769	6360	6744	6624	3.46	cps
Potassium	39-2	2987311	2950467	2984664	2974147	0.69	cps
Rhodium	103-1	4280869	4306375	4467813	4351686	2.33	cps
Rhodium	103-2	1776391	1802908	1807822	1795707	0.94	cps
Scandium	45-1	2905521	2902502	2987199	2931741	1.64	cps
Scandium	45-2	45300	44841	44852	44998	0.58	cps
Selenium	77-2	490	510	537	512	4.57	cps
Selenium	78-2	1778	1800	1767	1782	0.95	cps
Selenium	82-1	43136	44692	43937	43922	1.77	cps
Silicon	28-1	1956677	2035474	2068121	2020091	2.84	cps
Silver	109-1	3235043	3322019	3260244	3272435	1.37	cps
Silver	107-1	3377629	3517713	3421058	3438800	2.09	cps
Sodium	23-2	20518728	20323975	20500821	20447841	0.53	cps
Strontium	86-1	837089	853157	848122	846123	0.97	cps
Strontium	88-1	7174367	7464978	7281698	7307014	2.01	cps
Sulfur	34-1	548295	555304	547851	550483	0.76	cps
Terbium	159-1	6039566	6024942	6261896	6108801	2.17	cps
Terbium	159-2	2094582	2087532	2144693	2108936	1.48	cps
Thallium	203-1	2400710	2482664	2409044	2430806	1.86	cps
Thallium	205-1	5588564	5805039	5695413	5696338	1.90	cps
Tin	118-1	2164425	2248619	2161842	2191629	2.25	cps
Titanium	47-1	1814596	1871572	1850083	1845417	1.56	cps
Uranium	238-1	7408654	7543854	7360637	7437715	1.28	cps
Vanadium	51-2	369577	367775	368783	368711	0.24	cps
Yttrium	89-1	5033697	5007017	5252214	5097643	2.64	cps
Yttrium	89-2	297346	297775	302743	299288	1.00	cps
Zinc	66-2	171849	171646	173503	172333	0.59	cps

LB Number :	LB99425	Operator :	Jaswal
Lab Sample ID :	CCV70	Instrumnet Name :	P8
Client Sample ID :	CCV70	Dilution Factor :	1
Date & Time Acquired ::	2018-11-27 19:13:38	DataFile Name :	047CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	90-1	4637579	4768302	4741281	4715721	1.46	cps
Zirconium	91-1	1020875	1054045	1033361	1036094	1.62	cps

LB Number : LB99425 Operator : Jaswal
 Lab Sample ID : CCB70 Instrumnet Name : P8
 Client Sample ID : CCB70 Dilution Factor : 1
 Date & Time Acquired :: 2018-11-27 19:18:50 DataFile Name : 048CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	50	33	33	38	26.35	cps
Antimony	121-1	1017	1050	1300	1122	13.80	cps
Arsenic	75-2	17	9	9	12	36.47	cps
Barium	135-1	33	58	50	47	26.97	cps
Barium	137-1	75	58	92	75	22.22	cps
Beryllium	9-1	189	161	167	172	8.54	cps
Bismuth	209-1	3401467	3670631	3368241	3480113	4.77	cps
Bismuth	209-2	1605847	1587543	1592763	1595384	0.59	cps
Boron	10-1	1217	1083	1383	1228	12.24	cps
Boron	11-1	5093	5084	5001	5059	1.00	cps
Cadmium	111-1	622	647	445	571	19.26	cps
Cadmium	106-1	842	908	617	789	19.37	cps
Cadmium	108-1	13	8	17	13	33.36	cps
Calcium	43-1	467	425	425	439	5.48	cps
Calcium	44-1	13165	13249	12965	13126	1.11	cps
Chromium	52-2	987	777	963	909	12.66	cps
Cobalt	59-2	47	67	67	60	19.24	cps
Copper	63-2	660	640	683	661	3.28	cps
Dysprosium	156-1	8	25	8	14	69.31	cps
Dysprosium	156-2	3	3	0	2	86.60	cps
Erbium	164-1	8	8	50	22	108.27	cps
Erbium	164-2	10	10	7	9	21.63	cps
Gadolinium	160-1	67	17	25	36	74.18	cps
Gadolinium	160-2	3	20	7	10	88.20	cps
Holmium	165-1	5276277	5727658	5264136	5422690	4.87	cps
Holmium	165-2	2011096	2058975	2054138	2041403	1.29	cps
Indium	115-1	4384530	4649061	4281801	4438464	4.27	cps
Indium	115-2	386638	391292	386412	388114	0.71	cps
Iron	56-2	3000	2745	2834	2860	4.54	cps
Iron	57-2	44	72	72	63	25.47	cps
Krypton	83-1	877	753	880	837	8.63	cps
Lead	206-1	978	839	917	911	7.64	cps
Lead	207-1	750	661	700	704	6.33	cps
Lead	208-1	3595	3295	3284	3391	5.21	cps
Lithium	6-1	1008394	1056253	966315	1010321	4.45	cps
Magnesium	24-2	267	225	250	247	8.48	cps

LB Number :	LB99425	Operator :	Jaswal
Lab Sample ID :	CCB70	Instrumnet Name :	P8
Client Sample ID :	CCB70	Dilution Factor :	1
Date & Time Acquired ::	2018-11-27 19:18:50	DataFile Name :	048CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	83	53	40	59	37.69	cps
Molybdenum	94-1	350	367	392	369	5.68	cps
Molybdenum	95-1	375	467	475	439	12.64	cps
Molybdenum	96-1	475	417	483	458	7.93	cps
Molybdenum	97-1	233	233	275	247	9.73	cps
Molybdenum	98-1	717	617	750	694	9.99	cps
Neodymium	150-1	13	13	7	11	34.61	cps
Neodymium	150-2	0	0	0	0	0.00	cps
Nickel	60-2	63	97	73	78	22.00	cps
Phosphorus	31-2	0	17	0	6	173.21	cps
Potassium	39-2	4551	4843	4751	4715	3.16	cps
Rhodium	103-1	4250703	4528921	4206901	4328842	4.03	cps
Rhodium	103-2	1835321	1839851	1845978	1840383	0.29	cps
Scandium	45-1	2692639	2839465	2646660	2726254	3.69	cps
Scandium	45-2	42561	43621	42939	43040	1.25	cps
Selenium	77-2	0	0	0	0	0.00	cps
Selenium	78-2	4	4	2	3	34.64	cps
Selenium	82-1	-108	31	-8	-28	-250.39	cps
Silicon	28-1	181158	182898	180779	181612	0.62	cps
Silver	109-1	283	217	283	261	14.74	cps
Silver	107-1	200	308	400	303	33.07	cps
Sodium	23-2	8403	7611	8303	8105	5.32	cps
Strontium	86-1	1292	1283	1175	1250	5.21	cps
Strontium	88-1	67	92	67	75	19.24	cps
Sulfur	34-1	322940	329249	325521	325903	0.97	cps
Terbium	159-1	5576188	5862420	5466192	5634933	3.63	cps
Terbium	159-2	2030299	2038221	2051132	2039884	0.52	cps
Thallium	203-1	808	675	717	733	9.30	cps
Thallium	205-1	2242	2009	2000	2084	6.59	cps
Tin	118-1	308	442	392	381	17.70	cps
Titanium	47-1	150	83	67	100	44.10	cps
Uranium	238-1	75	83	100	86	14.78	cps
Vanadium	51-2	7	7	7	7	0.00	cps
Yttrium	89-1	4722261	5015368	4599808	4779146	4.47	cps
Yttrium	89-2	287990	290352	292245	290196	0.73	cps
Zinc	66-2	120	83	93	99	19.16	cps

LB Number :	LB99425	Operator :	Jaswal
Lab Sample ID :	CCB70	Instrumnet Name :	P8
Client Sample ID :	CCB70	Dilution Factor :	1
Date & Time Acquired ::	2018-11-27 19:18:50	DataFile Name :	048CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	90-1	550	475	475	500	8.66	cps
Zirconium	91-1	92	117	92	100	14.43	cps

LB Number :	LB99425	Operator :	Jaswal
Lab Sample ID :	J5999-10A	Instrumnet Name :	P8
Client Sample ID :	SSSI-1116-S-AB-5A	Dilution Factor :	1
Date & Time Acquired ::	2018-11-27 19:22:12	DataFile Name :	049SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	1404071	1406382	1393768	1401407	0.48	cps
Antimony	121-1	333747	348155	356404	346102	3.31	cps
Arsenic	75-2	59570	59637	59663	59624	0.08	cps
Barium	135-1	3756559	3831431	3905616	3831202	1.95	cps
Barium	137-1	6418286	6625061	6666319	6569889	2.02	cps
Beryllium	9-1	486442	503291	508654	499462	2.32	cps
Bismuth	209-1	3381352	3472729	3536384	3463489	2.25	cps
Bismuth	209-2	1491714	1557631	1556005	1535117	2.45	cps
Boron	10-1	57123	60630	61600	59784	3.94	cps
Boron	11-1	291783	301586	311788	301719	3.32	cps
Cadmium	111-1	653182	674071	682792	670015	2.27	cps
Cadmium	106-1	67787	72168	73132	71029	4.01	cps
Cadmium	108-1	46555	48278	49658	48164	3.23	cps
Calcium	43-1	832382	872526	877203	860703	2.86	cps
Calcium	44-1	13545322	13946861	14168995	13887060	2.28	cps
Chromium	52-2	1178705	1172793	1179044	1176847	0.30	cps
Cobalt	59-2	1747226	1756001	1773317	1758848	0.75	cps
Copper	63-2	1986973	1988094	1980014	1985027	0.22	cps
Dysprosium	156-1	172305	175505	180126	175979	2.23	cps
Dysprosium	156-2	61397	61581	61973	61650	0.48	cps
Erbium	164-1	143503	150893	151540	148645	3.00	cps
Erbium	164-2	50598	52198	51351	51382	1.56	cps
Gadolinium	160-1	164544	166272	168139	166318	1.08	cps
Gadolinium	160-2	73767	74558	73686	74003	0.65	cps
Holmium	165-1	5619567	5878161	5958308	5818679	3.04	cps
Holmium	165-2	2037769	2143197	2132384	2104450	2.76	cps
Indium	115-1	4384664	4516443	4628687	4509931	2.71	cps
Indium	115-2	369913	383120	381826	378286	1.92	cps
Iron	56-2	185732732	186655193	186604988	186330971	0.28	cps
Iron	57-2	4696679	4703764	4714804	4705082	0.19	cps
Krypton	83-1	1227	1133	1103	1155	5.57	cps
Lead	206-1	2349166	2421250	2424278	2398231	1.77	cps
Lead	207-1	1986224	2064626	2071947	2040932	2.33	cps
Lead	208-1	9214737	9498068	9556773	9423193	1.94	cps
Lithium	6-1	1048509	1097754	1100382	1082215	2.70	cps
Magnesium	24-2	4724158	4705442	4767053	4732218	0.67	cps

LB Number :	LB99425	Operator :	Jaswal
Lab Sample ID :	J5999-10A	Instrumnet Name :	P8
Client Sample ID :	SSSI-1116-S-AB-5A	Dilution Factor :	1
Date & Time Acquired ::	2018-11-27 19:22:12	DataFile Name :	049SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	2559189	2572422	2551424	2561012	0.41	cps
Molybdenum	94-1	4950595	5117048	5158630	5075424	2.17	cps
Molybdenum	95-1	5696851	5905754	6022655	5875086	2.81	cps
Molybdenum	96-1	6402898	6639699	6729478	6590692	2.56	cps
Molybdenum	97-1	3598490	3671081	3764134	3677902	2.26	cps
Molybdenum	98-1	9120628	9466415	9652218	9413087	2.87	cps
Neodymium	150-1	272190	281124	281240	278185	1.87	cps
Neodymium	150-2	66246	67291	67579	67039	1.05	cps
Nickel	60-2	1659325	1675946	1665024	1666765	0.51	cps
Phosphorus	31-2	2367	2309	2375	2350	1.55	cps
Potassium	39-2	947558	949517	955643	950906	0.44	cps
Rhodium	103-1	4257790	4291567	4431926	4327094	2.13	cps
Rhodium	103-2	1719206	1812184	1789134	1773508	2.73	cps
Scandium	45-1	3262412	3462265	3421578	3382085	3.12	cps
Scandium	45-2	49878	51939	52407	51408	2.62	cps
Selenium	77-2	807	853	717	792	8.77	cps
Selenium	78-2	1611	1661	1711	1661	3.01	cps
Selenium	82-1	34416	35144	35499	35020	1.58	cps
Silicon	28-1	23142379	24066805	24003752	23737645	2.18	cps
Silver	109-1	231952	237640	245626	238406	2.88	cps
Silver	107-1	247155	255591	259828	254191	2.54	cps
Sodium	23-2	4145438	4173322	4161353	4160038	0.34	cps
Strontium	86-1	885731	915281	937369	912793	2.84	cps
Strontium	88-1	7647474	7895966	8141591	7895010	3.13	cps
Sulfur	34-1	307278	308810	301171	305753	1.32	cps
Terbium	159-1	5831659	6076581	6180608	6029616	2.97	cps
Terbium	159-2	2059287	2121763	2116048	2099033	1.65	cps
Thallium	203-1	2203986	2255975	2279327	2246429	1.72	cps
Thallium	205-1	5154679	5336987	5374688	5288785	2.22	cps
Tin	118-1	1512929	1566952	1603898	1561260	2.93	cps
Titanium	47-1	5115644	5272808	5359156	5249203	2.35	cps
Uranium	238-1	6958692	7059210	7202831	7073578	1.73	cps
Vanadium	51-2	618789	617934	622486	619736	0.39	cps
Yttrium	89-1	6831035	7072037	7235937	7046336	2.89	cps
Yttrium	89-2	406822	421932	416429	415061	1.84	cps
Zinc	66-2	280491	280570	280601	280554	0.02	cps

LB Number :	LB99425	Operator :	Jaswal
Lab Sample ID :	J5999-10A	Instrumnet Name :	P8
Client Sample ID :	SSSI-1116-S-AB-5A	Dilution Factor :	1
Date & Time Acquired ::	2018-11-27 19:22:12	DataFile Name :	049SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	90-1	4619575	4779758	4919949	4773094	3.15	cps
Zirconium	91-1	1025375	1070113	1076468	1057319	2.63	cps

LB Number :	LB99425	Operator :	Jaswal
Lab Sample ID :	J5999-05DLX5	Instrumnet Name :	P8
Client Sample ID :	SSSI-1115-S-AB-1DL	Dilution Factor :	5
Date & Time Acquired ::	2018-11-27 19:25:25	DataFile Name :	050SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	161488	161652	162236	161792	0.24	cps
Antimony	121-1	917	1000	1075	997	7.94	cps
Arsenic	75-2	1283	1307	1315	1302	1.26	cps
Barium	135-1	172502	174673	172096	173090	0.80	cps
Barium	137-1	297273	295496	295307	296025	0.37	cps
Beryllium	9-1	1239	1261	1156	1219	4.57	cps
Bismuth	209-1	3660037	3691819	3687512	3679789	0.47	cps
Bismuth	209-2	1561934	1664150	1608142	1611408	3.18	cps
Boron	10-1	4142	3584	4242	3990	8.89	cps
Boron	11-1	20298	20198	20023	20173	0.69	cps
Cadmium	111-1	1786	1965	1853	1868	4.85	cps
Cadmium	106-1	1308	1450	1450	1403	5.83	cps
Cadmium	108-1	192	167	208	189	11.10	cps
Calcium	43-1	193032	191547	193431	192670	0.52	cps
Calcium	44-1	3184156	3147106	3195221	3175494	0.79	cps
Chromium	52-2	45531	45949	46096	45858	0.64	cps
Cobalt	59-2	49732	48548	50110	49463	1.65	cps
Copper	63-2	133281	132114	132908	132767	0.45	cps
Dysprosium	156-1	27647	26895	27605	27382	1.54	cps
Dysprosium	156-2	9227	9330	9317	9291	0.61	cps
Erbium	164-1	22454	22495	22913	22621	1.12	cps
Erbium	164-2	7722	7726	7879	7776	1.15	cps
Gadolinium	160-1	25217	25860	25751	25609	1.34	cps
Gadolinium	160-2	10741	11132	10865	10912	1.83	cps
Holmium	165-1	5877627	5876122	5931315	5895021	0.53	cps
Holmium	165-2	2090920	2184044	2143662	2139542	2.18	cps
Indium	115-1	4909434	4828316	4809101	4848950	1.10	cps
Indium	115-2	398980	416911	410475	408789	2.22	cps
Iron	56-2	24502460	24586148	24415198	24501269	0.35	cps
Iron	57-2	615039	612577	610993	612870	0.33	cps
Krypton	83-1	820	807	877	834	4.45	cps
Lead	206-1	655075	646812	653863	651917	0.68	cps
Lead	207-1	545170	545101	547407	545893	0.24	cps
Lead	208-1	2546767	2535981	2551705	2544818	0.32	cps
Lithium	6-1	1130737	1104677	1134087	1123167	1.43	cps
Magnesium	24-2	632178	630604	628247	630343	0.31	cps

LB Number :	LB99425	Operator :	Jaswal
Lab Sample ID :	J5999-05DLX5	Instrumnet Name :	P8
Client Sample ID :	SSSI-1115-S-AB-1DL	Dilution Factor :	5
Date & Time Acquired ::	2018-11-27 19:25:25	DataFile Name :	050SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	188935	189320	188009	188755	0.36	cps
Molybdenum	94-1	47994	46589	45669	46751	2.50	cps
Molybdenum	95-1	3342	3109	3142	3198	3.95	cps
Molybdenum	96-1	10605	11205	10922	10910	2.75	cps
Molybdenum	97-1	1950	1909	1742	1867	5.91	cps
Molybdenum	98-1	4859	5110	4893	4954	2.74	cps
Neodymium	150-1	42971	42249	43185	42802	1.15	cps
Neodymium	150-2	10671	10261	10561	10498	2.02	cps
Nickel	60-2	126320	127699	126750	126923	0.56	cps
Phosphorus	31-2	392	342	525	419	22.59	cps
Potassium	39-2	45291	44028	44112	44477	1.59	cps
Rhodium	103-1	4719802	4677724	4713775	4703767	0.48	cps
Rhodium	103-2	1877515	1973588	1925325	1925476	2.49	cps
Scandium	45-1	3188835	3182493	3190593	3187307	0.13	cps
Scandium	45-2	45397	48748	47855	47333	3.67	cps
Selenium	77-2	63	50	63	59	13.07	cps
Selenium	78-2	17	31	35	28	35.27	cps
Selenium	82-1	123	165	63	117	43.88	cps
Silicon	28-1	5336707	5274262	5309135	5306701	0.59	cps
Silver	109-1	1392	1517	1367	1425	5.64	cps
Silver	107-1	1667	1684	1433	1595	8.77	cps
Sodium	23-2	34760	35637	35294	35231	1.25	cps
Strontium	86-1	47609	47869	47400	47626	0.49	cps
Strontium	88-1	399967	399802	400545	400105	0.10	cps
Sulfur	34-1	303436	304049	303869	303785	0.10	cps
Terbium	159-1	6143530	6181052	6162133	6162238	0.30	cps
Terbium	159-2	2127036	2157067	2123514	2135873	0.86	cps
Thallium	203-1	3692	2825	3126	3214	13.70	cps
Thallium	205-1	8278	7728	7036	7680	8.11	cps
Tin	118-1	7945	8028	8161	8045	1.36	cps
Titanium	47-1	319369	321376	318839	319862	0.42	cps
Uranium	238-1	25753	25594	25611	25652	0.34	cps
Vanadium	51-2	37681	37357	37704	37580	0.52	cps
Yttrium	89-1	5585805	5620857	5628858	5611840	0.41	cps
Yttrium	89-2	323151	335287	334528	330988	2.05	cps
Zinc	66-2	36264	36030	36829	36374	1.13	cps

LB Number :	LB99425	Operator :	Jaswal
Lab Sample ID :	J5999-05DLX5	Instrumnet Name :	P8
Client Sample ID :	SSSI-1115-S-AB-1DL	Dilution Factor :	5
Date & Time Acquired ::	2018-11-27 19:25:25	DataFile Name :	050SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	90-1	124027	124927	123650	124201	0.53	cps
Zirconium	91-1	26719	27804	27829	27451	2.31	cps

LB Number :	LB99425	Operator :	Jaswal
Lab Sample ID :	J5999-07DLX5	Instrumnet Name :	P8
Client Sample ID :	SSSI-1115-S-AB-2DL	Dilution Factor :	5
Date & Time Acquired ::	2018-11-27 19:28:46	DataFile Name :	051SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	144981	145744	144259	144995	0.51	cps
Antimony	121-1	2875	2884	2775	2845	2.12	cps
Arsenic	75-2	1722	1709	1778	1737	2.10	cps
Barium	135-1	516529	524785	519150	520155	0.81	cps
Barium	137-1	892016	897813	891669	893833	0.39	cps
Beryllium	9-1	1606	1428	1361	1465	8.63	cps
Bismuth	209-1	3559687	3790323	3752801	3700937	3.34	cps
Bismuth	209-2	1686058	1634496	1701305	1673953	2.09	cps
Boron	10-1	6568	6944	7185	6899	4.51	cps
Boron	11-1	33724	33206	33632	33520	0.82	cps
Cadmium	111-1	2877	3123	3229	3076	5.86	cps
Cadmium	106-1	1825	2125	2025	1992	7.67	cps
Cadmium	108-1	304	367	342	338	9.32	cps
Calcium	43-1	237469	237851	236678	237333	0.25	cps
Calcium	44-1	3855096	3866572	3853583	3858417	0.18	cps
Chromium	52-2	55828	55208	54613	55216	1.10	cps
Cobalt	59-2	40930	41010	40345	40762	0.89	cps
Copper	63-2	284788	285533	282597	284306	0.54	cps
Dysprosium	156-1	20909	21226	21619	21251	1.67	cps
Dysprosium	156-2	7352	7526	7349	7409	1.36	cps
Erbium	164-1	18948	19524	19666	19379	1.96	cps
Erbium	164-2	6465	6602	6665	6577	1.55	cps
Gadolinium	160-1	21644	20742	20909	21098	2.27	cps
Gadolinium	160-2	9013	9103	8983	9033	0.69	cps
Holmium	165-1	5644991	5941918	6054408	5880439	3.60	cps
Holmium	165-2	2194331	2154984	2225790	2191702	1.62	cps
Indium	115-1	4753084	5006010	4986263	4915119	2.86	cps
Indium	115-2	425579	425661	428874	426704	0.44	cps
Iron	56-2	25810133	25946297	25709742	25822057	0.46	cps
Iron	57-2	650100	649389	642550	647346	0.64	cps
Krypton	83-1	840	813	840	831	1.85	cps
Lead	206-1	2783770	2815284	2824533	2807863	0.76	cps
Lead	207-1	2389895	2439421	2408739	2412685	1.04	cps
Lead	208-1	10997601	11173689	11023206	11064832	0.86	cps
Lithium	6-1	1077054	1140162	1136801	1118005	3.18	cps
Magnesium	24-2	362592	360954	358177	360575	0.62	cps

LB Number :	LB99425	Operator :	Jaswal
Lab Sample ID :	J5999-07DLX5	Instrumnet Name :	P8
Client Sample ID :	SSSI-1115-S-AB-2DL	Dilution Factor :	5
Date & Time Acquired ::	2018-11-27 19:28:46	DataFile Name :	051SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	203610	204228	203739	203859	0.16	cps
Molybdenum	94-1	107800	108791	107229	107940	0.73	cps
Molybdenum	95-1	3967	4243	3876	4029	4.74	cps
Molybdenum	96-1	22144	22369	22494	22336	0.80	cps
Molybdenum	97-1	2900	2559	2567	2675	7.29	cps
Molybdenum	98-1	6977	6669	6819	6821	2.26	cps
Neodymium	150-1	31939	32748	31479	32055	2.00	cps
Neodymium	150-2	7786	7662	7559	7669	1.48	cps
Nickel	60-2	52542	52405	52395	52447	0.16	cps
Phosphorus	31-2	1250	1075	1275	1200	9.08	cps
Potassium	39-2	49103	48610	48827	48847	0.51	cps
Rhodium	103-1	4613189	4912508	4856764	4794154	3.32	cps
Rhodium	103-2	1991986	1982184	1999314	1991161	0.43	cps
Scandium	45-1	3077280	3298154	3279488	3218307	3.81	cps
Scandium	45-2	49554	49852	50183	49863	0.63	cps
Selenium	77-2	50	33	63	49	30.75	cps
Selenium	78-2	28	26	43	32	28.45	cps
Selenium	82-1	111	82	113	102	17.13	cps
Silicon	28-1	6299549	6293017	6241682	6278083	0.50	cps
Silver	109-1	4059	3951	4293	4101	4.26	cps
Silver	107-1	4593	5151	4609	4784	6.64	cps
Sodium	23-2	71999	73214	72803	72672	0.85	cps
Strontium	86-1	87245	87673	88755	87891	0.89	cps
Strontium	88-1	746496	756276	744484	749085	0.84	cps
Sulfur	34-1	301035	301306	302781	301708	0.31	cps
Terbium	159-1	5853817	6313851	6328962	6165543	4.38	cps
Terbium	159-2	2216492	2175725	2213760	2201993	1.03	cps
Thallium	203-1	1934	2100	1825	1953	7.09	cps
Thallium	205-1	4559	4551	4676	4595	1.52	cps
Tin	118-1	19907	19081	19715	19568	2.21	cps
Titanium	47-1	381743	383985	383047	382925	0.29	cps
Uranium	238-1	20484	20276	20459	20406	0.56	cps
Vanadium	51-2	45113	44437	44073	44541	1.18	cps
Yttrium	89-1	5425380	5786031	5759370	5656927	3.55	cps
Yttrium	89-2	341461	341792	340456	341236	0.20	cps
Zinc	66-2	118433	117260	115805	117166	1.12	cps

LB Number :	LB99425	Operator :	Jaswal
Lab Sample ID :	J5999-07DLX5	Instrumnet Name :	P8
Client Sample ID :	SSSI-1115-S-AB-2DL	Dilution Factor :	5
Date & Time Acquired ::	2018-11-27 19:28:46	DataFile Name :	051SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	90-1	291431	289802	290799	290677	0.28	cps
Zirconium	91-1	65140	64286	64436	64621	0.71	cps

LB Number :	LB99425	Operator :	Jaswal
Lab Sample ID :	J5999-09DLX5	Instrumnet Name :	P8
Client Sample ID :	SSSI-1116-S-AB-4DL	Dilution Factor :	5
Date & Time Acquired ::	2018-11-27 19:32:06	DataFile Name :	052SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	112598	112477	112913	112662	0.20	cps
Antimony	121-1	967	1275	1292	1178	15.54	cps
Arsenic	75-2	1569	1589	1643	1600	2.39	cps
Barium	135-1	232866	240212	244132	239070	2.39	cps
Barium	137-1	400715	406487	424077	410427	2.96	cps
Beryllium	9-1	945	983	922	950	3.26	cps
Bismuth	209-1	3676034	3730258	3856003	3754098	2.46	cps
Bismuth	209-2	1699072	1707271	1739712	1715352	1.25	cps
Boron	10-1	1550	1383	1684	1539	9.77	cps
Boron	11-1	7719	7352	7844	7638	3.35	cps
Cadmium	111-1	1843	2019	2156	2006	7.82	cps
Cadmium	106-1	1200	1283	1508	1331	11.99	cps
Cadmium	108-1	133	138	179	150	16.90	cps
Calcium	43-1	998863	1012275	1047463	1019534	2.46	cps
Calcium	44-1	16118870	16366175	16854752	16446599	2.28	cps
Chromium	52-2	57708	58086	59014	58270	1.15	cps
Cobalt	59-2	40315	40328	41034	40559	1.01	cps
Copper	63-2	149595	151606	149595	150265	0.77	cps
Dysprosium	156-1	18681	19290	19824	19265	2.97	cps
Dysprosium	156-2	7012	6982	7135	7043	1.15	cps
Erbium	164-1	17029	17012	17229	17090	0.71	cps
Erbium	164-2	5965	5991	6322	6093	3.26	cps
Gadolinium	160-1	17713	17629	18814	18052	3.66	cps
Gadolinium	160-2	8163	7976	8316	8152	2.09	cps
Holmium	165-1	5804816	6012669	6136424	5984636	2.80	cps
Holmium	165-2	2238282	2237380	2272568	2249410	0.89	cps
Indium	115-1	4880305	4925911	5146186	4984134	2.85	cps
Indium	115-2	429696	427903	433205	430268	0.63	cps
Iron	56-2	19117549	19325498	19210681	19217909	0.54	cps
Iron	57-2	476580	480901	484003	480494	0.78	cps
Krypton	83-1	923	827	940	897	6.82	cps
Lead	206-1	405975	410902	427649	414842	2.74	cps
Lead	207-1	340334	342733	352737	345268	1.91	cps
Lead	208-1	1583927	1600358	1657617	1613967	2.40	cps
Lithium	6-1	1109995	1109911	1172193	1130700	3.18	cps
Magnesium	24-2	1463109	1461075	1437538	1453907	0.98	cps

LB Number :	LB99425	Operator :	Jaswal
Lab Sample ID :	J5999-09DLX5	Instrumnet Name :	P8
Client Sample ID :	SSSI-1116-S-AB-4DL	Dilution Factor :	5
Date & Time Acquired ::	2018-11-27 19:32:06	DataFile Name :	052SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	253861	255293	256058	255071	0.44	cps
Molybdenum	94-1	25725	25909	27095	26243	2.83	cps
Molybdenum	95-1	2634	2867	2884	2795	5.00	cps
Molybdenum	96-1	6802	6985	7761	7183	7.09	cps
Molybdenum	97-1	1650	1834	2000	1828	9.58	cps
Molybdenum	98-1	4142	4384	4718	4415	6.54	cps
Neodymium	150-1	29240	28926	30790	29652	3.37	cps
Neodymium	150-2	7529	7449	7339	7439	1.28	cps
Nickel	60-2	78711	77980	79633	78775	1.05	cps
Phosphorus	31-2	1192	1133	1183	1170	2.70	cps
Potassium	39-2	50291	50801	49847	50313	0.95	cps
Rhodium	103-1	4700874	4754884	4923033	4792930	2.42	cps
Rhodium	103-2	2012765	2013202	2029760	2018576	0.48	cps
Scandium	45-1	3194454	3240483	3344216	3259718	2.35	cps
Scandium	45-2	50531	50945	49654	50377	1.31	cps
Selenium	77-2	60	33	47	47	28.58	cps
Selenium	78-2	30	19	39	29	35.15	cps
Selenium	82-1	80	71	-20	44	127.26	cps
Silicon	28-1	5288593	5384285	5551312	5408063	2.46	cps
Silver	109-1	1659	1467	1442	1522	7.79	cps
Silver	107-1	1934	1842	1800	1859	3.67	cps
Sodium	23-2	25256	25883	26000	25713	1.55	cps
Strontium	86-1	132463	135602	140046	136037	2.80	cps
Strontium	88-1	1135936	1170112	1193688	1166579	2.49	cps
Sulfur	34-1	360460	369984	375547	368664	2.07	cps
Terbium	159-1	6201845	6190777	6318867	6237163	1.14	cps
Terbium	159-2	2193117	2250882	2232315	2225438	1.33	cps
Thallium	203-1	1208	1225	1367	1267	6.87	cps
Thallium	205-1	3151	2917	3301	3123	6.19	cps
Tin	118-1	3876	4068	4251	4065	4.61	cps
Titanium	47-1	241176	247705	256248	248376	3.04	cps
Uranium	238-1	20459	21444	20935	20946	2.35	cps
Vanadium	51-2	34600	34376	35001	34659	0.91	cps
Yttrium	89-1	5514893	5741781	5814591	5690422	2.75	cps
Yttrium	89-2	342239	342424	345082	343249	0.46	cps
Zinc	66-2	54841	54313	54614	54589	0.49	cps

LB Number :	LB99425	Operator :	Jaswal
Lab Sample ID :	J5999-09DLX5	Instrumnet Name :	P8
Client Sample ID :	SSSI-1116-S-AB-4DL	Dilution Factor :	5
Date & Time Acquired ::	2018-11-27 19:32:06	DataFile Name :	052SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	90-1	66622	67509	67928	67353	0.99	cps
Zirconium	91-1	15117	15142	15343	15201	0.81	cps

LB Number :	LB99425	Operator :	Jaswal
Lab Sample ID :	J5999-10DLX5	Instrumnet Name :	P8
Client Sample ID :	SSSI-1116-S-AB-5DL	Dilution Factor :	5
Date & Time Acquired ::	2018-11-27 19:35:27	DataFile Name :	053SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	237479	239057	242357	239631	1.04	cps
Antimony	121-1	217	267	325	269	20.12	cps
Arsenic	75-2	770	794	832	799	3.85	cps
Barium	135-1	137642	137829	138064	137845	0.15	cps
Barium	137-1	235436	237108	236989	236511	0.39	cps
Beryllium	9-1	1906	1900	2000	1935	2.90	cps
Bismuth	209-1	3847355	3829041	3814700	3830365	0.43	cps
Bismuth	209-2	1598661	1644868	1630343	1624624	1.45	cps
Boron	10-1	950	1000	1025	992	3.85	cps
Boron	11-1	5059	5034	4859	4984	2.19	cps
Cadmium	111-1	1088	1386	1132	1202	13.40	cps
Cadmium	106-1	1417	1650	1342	1470	10.94	cps
Cadmium	108-1	125	75	142	114	30.46	cps
Calcium	43-1	24939	24973	25224	25046	0.62	cps
Calcium	44-1	415850	423204	421740	420265	0.93	cps
Chromium	52-2	102810	103519	105194	103841	1.18	cps
Cobalt	59-2	143018	145420	145476	144638	0.97	cps
Copper	63-2	79633	80914	79885	80144	0.85	cps
Dysprosium	156-1	34279	33953	34187	34140	0.49	cps
Dysprosium	156-2	11438	11605	11715	11586	1.20	cps
Erbium	164-1	27054	26904	27747	27235	1.65	cps
Erbium	164-2	9230	9380	9207	9272	1.02	cps
Gadolinium	160-1	30921	30595	31239	30918	1.04	cps
Gadolinium	160-2	13547	13641	13844	13677	1.11	cps
Holmium	165-1	6145308	6124401	6157011	6142240	0.27	cps
Holmium	165-2	2135356	2147726	2178503	2153862	1.03	cps
Indium	115-1	5137866	5042138	5053433	5077812	1.03	cps
Indium	115-2	411783	413211	420121	415038	1.07	cps
Iron	56-2	28092877	28154407	28231087	28159457	0.25	cps
Iron	57-2	699320	702722	709332	703791	0.72	cps
Krypton	83-1	883	920	777	860	8.66	cps
Lead	206-1	94063	94036	93012	93703	0.64	cps
Lead	207-1	78123	77682	77334	77713	0.51	cps
Lead	208-1	365928	367052	363199	365393	0.54	cps
Lithium	6-1	1155169	1174917	1171037	1167041	0.90	cps
Magnesium	24-2	399188	401970	407630	402929	1.07	cps

LB Number :	LB99425	Operator :	Jaswal
Lab Sample ID :	J5999-10DLX5	Instrumnet Name :	P8
Client Sample ID :	SSSI-1116-S-AB-5DL	Dilution Factor :	5
Date & Time Acquired ::	2018-11-27 19:35:27	DataFile Name :	053SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	372027	371966	376214	373402	0.65	cps
Molybdenum	94-1	40913	40345	40921	40726	0.81	cps
Molybdenum	95-1	1475	1192	1358	1342	10.61	cps
Molybdenum	96-1	8378	8178	8536	8364	2.15	cps
Molybdenum	97-1	800	700	850	783	9.75	cps
Molybdenum	98-1	2042	2059	2234	2111	5.03	cps
Neodymium	150-1	53476	53965	53710	53717	0.45	cps
Neodymium	150-2	12496	12513	12823	12611	1.46	cps
Nickel	60-2	182342	182485	185119	183315	0.85	cps
Phosphorus	31-2	442	400	408	417	5.29	cps
Potassium	39-2	73015	72830	72110	72652	0.66	cps
Rhodium	103-1	5000550	4917985	4921860	4946798	0.94	cps
Rhodium	103-2	1945491	1962411	1981584	1963162	0.92	cps
Scandium	45-1	3323616	3306456	3307718	3312596	0.29	cps
Scandium	45-2	48169	47941	49500	48537	1.73	cps
Selenium	77-2	50	83	63	66	25.60	cps
Selenium	78-2	37	35	39	37	4.99	cps
Selenium	82-1	78	44	144	89	57.21	cps
Silicon	28-1	8215736	8078076	8055022	8116278	1.07	cps
Silver	109-1	542	500	633	558	12.22	cps
Silver	107-1	617	683	517	606	13.85	cps
Sodium	23-2	27178	27294	27636	27369	0.87	cps
Strontium	86-1	23212	23396	24339	23649	2.56	cps
Strontium	88-1	192500	192635	193801	192979	0.37	cps
Sulfur	34-1	311848	303641	293481	302990	3.04	cps
Terbium	159-1	6382325	6424450	6303492	6370089	0.96	cps
Terbium	159-2	2105763	2189933	2196956	2164217	2.34	cps
Thallium	203-1	2125	1775	1659	1853	13.11	cps
Thallium	205-1	4526	4601	4526	4551	0.95	cps
Tin	118-1	2392	2542	2075	2336	10.20	cps
Titanium	47-1	534626	541226	541513	539122	0.72	cps
Uranium	238-1	21377	22188	22046	21870	1.98	cps
Vanadium	51-2	41993	42678	43153	42608	1.37	cps
Yttrium	89-1	5960950	5912971	5943049	5938990	0.41	cps
Yttrium	89-2	336561	340840	343684	340362	1.05	cps
Zinc	66-2	21413	21607	21791	21604	0.87	cps

LB Number :	LB99425	Operator :	Jaswal
Lab Sample ID :	J5999-10DLX5	Instrumnet Name :	P8
Client Sample ID :	SSSI-1116-S-AB-5DL	Dilution Factor :	5
Date & Time Acquired ::	2018-11-27 19:35:27	DataFile Name :	053SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	90-1	110765	110787	115067	112206	2.21	cps
Zirconium	91-1	24949	24782	25633	25121	1.80	cps

LB Number : LB99425 Operator : Jaswal
 Lab Sample ID : J5999-10DUPDLX5 Instrumnet Name : P8
 Client Sample ID : SSSI-1116-S-AB-5DUPD Dilution Factor : 5
 Date & Time Acquired :: 2018-11-27 19:38:48 DataFile Name : 054SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	246364	248154	248780	247766	0.51	cps
Antimony	121-1	267	375	342	328	16.93	cps
Arsenic	75-2	809	752	837	799	5.43	cps
Barium	135-1	135495	139383	133400	136093	2.23	cps
Barium	137-1	238090	236261	236702	237018	0.40	cps
Beryllium	9-1	1806	1867	2000	1891	5.26	cps
Bismuth	209-1	3843540	3899006	3920038	3887528	1.02	cps
Bismuth	209-2	1433053	1657235	1592910	1561066	7.39	cps
Boron	10-1	825	942	942	903	7.46	cps
Boron	11-1	4693	4851	4584	4709	2.85	cps
Cadmium	111-1	1149	1065	1282	1165	9.38	cps
Cadmium	106-1	1433	1217	1550	1400	12.08	cps
Cadmium	108-1	138	100	142	126	18.16	cps
Calcium	43-1	25040	26443	25416	25633	2.83	cps
Calcium	44-1	424098	423815	427235	425049	0.45	cps
Chromium	52-2	106548	105313	106629	106163	0.69	cps
Cobalt	59-2	147804	148427	148000	148077	0.22	cps
Copper	63-2	81940	82023	81672	81878	0.22	cps
Dysprosium	156-1	34639	34898	34705	34747	0.39	cps
Dysprosium	156-2	12032	11866	12239	12046	1.55	cps
Erbium	164-1	27071	27154	27346	27191	0.52	cps
Erbium	164-2	9694	9470	9380	9515	1.70	cps
Gadolinium	160-1	31665	31088	31539	31431	0.96	cps
Gadolinium	160-2	13727	14281	13684	13898	2.40	cps
Holmium	165-1	6190091	6193967	6207474	6197177	0.15	cps
Holmium	165-2	1871170	2195426	2109631	2058742	8.16	cps
Indium	115-1	5209805	5204580	5231584	5215323	0.27	cps
Indium	115-2	358306	417478	406895	394226	8.00	cps
Iron	56-2	29039812	28866458	29107485	29004585	0.43	cps
Iron	57-2	721517	725727	722679	723308	0.30	cps
Krypton	83-1	963	780	867	870	10.54	cps
Lead	206-1	93845	92720	93453	93339	0.61	cps
Lead	207-1	76955	75535	76988	76493	1.08	cps
Lead	208-1	359960	360763	360846	360523	0.14	cps
Lithium	6-1	1193390	1181591	1154539	1176506	1.69	cps
Magnesium	24-2	414320	415851	419699	416623	0.67	cps

LB Number :	LB99425	Operator :	Jaswal
Lab Sample ID :	J5999-10DUPDLX5	Instrumnet Name :	P8
Client Sample ID :	SSSI-1116-S-AB-5DUPD	Dilution Factor :	5
Date & Time Acquired ::	2018-11-27 19:38:48	DataFile Name :	054SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	379037	380149	381503	380230	0.32	cps
Molybdenum	94-1	41255	40679	40311	40748	1.17	cps
Molybdenum	95-1	1333	1333	1350	1339	0.72	cps
Molybdenum	96-1	9329	8386	8411	8709	6.17	cps
Molybdenum	97-1	850	733	933	839	11.98	cps
Molybdenum	98-1	1925	2167	2217	2103	7.42	cps
Neodymium	150-1	54299	54962	53690	54317	1.17	cps
Neodymium	150-2	13264	13304	13377	13315	0.43	cps
Nickel	60-2	185013	187250	188017	186760	0.84	cps
Phosphorus	31-2	283	383	533	400	31.46	cps
Potassium	39-2	74640	74548	74749	74646	0.13	cps
Rhodium	103-1	5073100	5084257	5088163	5081840	0.15	cps
Rhodium	103-2	1679773	1978955	1916371	1858366	8.49	cps
Scandium	45-1	3433927	3408826	3426365	3423039	0.38	cps
Scandium	45-2	42048	48869	48637	46518	8.33	cps
Selenium	77-2	63	87	67	72	17.48	cps
Selenium	78-2	24	37	43	35	27.50	cps
Selenium	82-1	-71	162	78	56	209.18	cps
Silicon	28-1	10742551	9849154	12355801	10982502	11.57	cps
Silver	109-1	450	425	450	442	3.27	cps
Silver	107-1	617	558	642	606	7.06	cps
Sodium	23-2	31669	27594	27603	28955	8.12	cps
Strontium	86-1	23972	23872	25683	24509	4.15	cps
Strontium	88-1	194290	196556	197223	196023	0.78	cps
Sulfur	34-1	250053	244130	240096	244759	2.05	cps
Terbium	159-1	6563143	6519536	6535197	6539292	0.34	cps
Terbium	159-2	1853165	2215593	2093182	2053980	8.98	cps
Thallium	203-1	1800	1684	1717	1734	3.47	cps
Thallium	205-1	4709	4143	4126	4326	7.68	cps
Tin	118-1	2475	2509	2509	2498	0.77	cps
Titanium	47-1	575797	576552	584178	578842	0.80	cps
Uranium	238-1	22271	21736	22672	22226	2.11	cps
Vanadium	51-2	43832	44534	43925	44097	0.86	cps
Yttrium	89-1	6030168	6056041	6128782	6071663	0.84	cps
Yttrium	89-2	297527	344373	336700	326200	7.70	cps
Zinc	66-2	21807	22175	22342	22108	1.24	cps

LB Number :	LB99425	Operator :	Jaswal
Lab Sample ID :	J5999-10DUPDLX5	Instrumnet Name :	P8
Client Sample ID :	SSSI-1116-S-AB-5DUPD	Dilution Factor :	5
Date & Time Acquired ::	2018-11-27 19:38:48	DataFile Name :	054SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	90-1	107322	108883	110253	108819	1.35	cps
Zirconium	91-1	24192	23805	23438	23812	1.58	cps

LB Number :	LB99425	Operator :	Jaswal
Lab Sample ID :	J5999-10LDLX25	Instrumnet Name :	P8
Client Sample ID :	SSSI-1116-S-AB-5LDL	Dilution Factor :	25
Date & Time Acquired ::	2018-11-27 19:42:09	DataFile Name :	055SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	46695	46698	47009	46801	0.39	cps
Antimony	121-1	158	167	192	172	10.07	cps
Arsenic	75-2	141	128	170	146	14.92	cps
Barium	135-1	24565	26068	24432	25022	3.63	cps
Barium	137-1	44910	43748	42812	43824	2.40	cps
Beryllium	9-1	428	433	483	448	6.83	cps
Bismuth	209-1	3778084	3496759	3854145	3709663	5.07	cps
Bismuth	209-2	1583048	1589612	1611323	1594661	0.93	cps
Boron	10-1	567	433	533	511	13.58	cps
Boron	11-1	2125	2200	2125	2150	2.01	cps
Cadmium	111-1	791	647	851	763	13.76	cps
Cadmium	106-1	1092	850	1192	1045	16.82	cps
Cadmium	108-1	33	33	42	36	13.33	cps
Calcium	43-1	5551	5668	5001	5407	6.59	cps
Calcium	44-1	94718	93342	91707	93256	1.62	cps
Chromium	52-2	21427	20779	21336	21181	1.66	cps
Cobalt	59-2	28827	28777	28807	28803	0.09	cps
Copper	63-2	16216	16377	16233	16275	0.54	cps
Dysprosium	156-1	6502	6427	6369	6432	1.04	cps
Dysprosium	156-2	2107	2164	2030	2100	3.19	cps
Erbium	164-1	5201	5710	5010	5307	6.82	cps
Erbium	164-2	1740	1750	1860	1783	3.73	cps
Gadolinium	160-1	5718	5535	5660	5638	1.66	cps
Gadolinium	160-2	2444	2784	2767	2665	7.19	cps
Holmium	165-1	6079779	5450068	6136958	5888935	6.47	cps
Holmium	165-2	2112584	2140847	2125334	2126255	0.67	cps
Indium	115-1	5259089	4732093	5248476	5079886	5.93	cps
Indium	115-2	415857	422832	421886	420192	0.90	cps
Iron	56-2	5568885	5530015	5566858	5555252	0.39	cps
Iron	57-2	139148	137886	137920	138318	0.52	cps
Krypton	83-1	847	843	797	829	3.37	cps
Lead	206-1	17880	17674	17874	17809	0.66	cps
Lead	207-1	14648	14420	14136	14401	1.78	cps
Lead	208-1	68557	68446	67861	68288	0.55	cps
Lithium	6-1	1198911	1084496	1177931	1153779	5.28	cps
Magnesium	24-2	80662	78080	76933	78558	2.43	cps

LB Number :	LB99425	Operator :	Jaswal
Lab Sample ID :	J5999-10LDLX25	Instrumnet Name :	P8
Client Sample ID :	SSSI-1116-S-AB-5LDL	Dilution Factor :	25
Date & Time Acquired ::	2018-11-27 19:42:09	DataFile Name :	055SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	73448	72802	74149	73466	0.92	cps
Molybdenum	94-1	7727	7586	8336	7883	5.06	cps
Molybdenum	95-1	267	300	350	306	13.73	cps
Molybdenum	96-1	1692	1567	1642	1634	3.85	cps
Molybdenum	97-1	167	183	67	139	45.43	cps
Molybdenum	98-1	483	583	467	511	12.35	cps
Neodymium	150-1	9737	9817	9944	9833	1.06	cps
Neodymium	150-2	2417	2404	2330	2384	1.96	cps
Nickel	60-2	35632	35489	36237	35786	1.11	cps
Phosphorus	31-2	75	58	83	72	17.62	cps
Potassium	39-2	17912	17628	17912	17817	0.92	cps
Rhodium	103-1	5102002	4624795	5167362	4964720	5.97	cps
Rhodium	103-2	1955086	1983551	1980845	1973161	0.80	cps
Scandium	45-1	3406883	3048167	3419105	3291385	6.40	cps
Scandium	45-2	47674	49025	48319	48340	1.40	cps
Selenium	77-2	27	3	17	16	75.27	cps
Selenium	78-2	17	13	11	14	20.85	cps
Selenium	82-1	26	22	95	48	85.59	cps
Silicon	28-1	1761302	1765066	1778958	1768442	0.53	cps
Silver	109-1	267	7892	200	2786	158.70	cps
Silver	107-1	200	317	250	256	22.90	cps
Sodium	23-2	11055	10521	10488	10688	2.98	cps
Strontium	86-1	5526	5760	5576	5621	2.19	cps
Strontium	88-1	37745	36942	36784	37157	1.39	cps
Sulfur	34-1	227444	227654	225141	226746	0.61	cps
Terbium	159-1	6363087	5824411	6399012	6195503	5.20	cps
Terbium	159-2	2127055	2133225	2127433	2129238	0.16	cps
Thallium	203-1	642	533	550	575	10.14	cps
Thallium	205-1	1108	1275	1392	1258	11.32	cps
Tin	118-1	733	733	675	714	4.72	cps
Titanium	47-1	104127	103782	100047	102652	2.20	cps
Uranium	238-1	4034	3942	4001	3992	1.16	cps
Vanadium	51-2	8403	8366	8449	8406	0.50	cps
Yttrium	89-1	5784309	5147594	5845428	5592443	6.91	cps
Yttrium	89-2	325424	324841	325752	325339	0.14	cps
Zinc	66-2	4658	4914	4627	4733	3.33	cps

LB Number :	LB99425	Operator :	Jaswal
Lab Sample ID :	J5999-10LDLX25	Instrumnet Name :	P8
Client Sample ID :	SSSI-1116-S-AB-5LDL	Dilution Factor :	25
Date & Time Acquired ::	2018-11-27 19:42:09	DataFile Name :	055SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	90-1	21535	20934	21718	21395	1.92	cps
Zirconium	91-1	4984	4726	5001	4904	3.15	cps

LB Number :	LB99425	Operator :	Jaswal
Lab Sample ID :	J5999-10MSDLX5	Instrumnet Name :	P8
Client Sample ID :	SSSI-1116-S-AB-5MSDL	Dilution Factor :	5
Date & Time Acquired ::	2018-11-27 19:45:31	DataFile Name :	056SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	305206	308207	309549	307654	0.72	cps
Antimony	121-1	74172	77802	77885	76620	2.77	cps
Arsenic	75-2	13381	12878	12825	13028	2.35	cps
Barium	135-1	808927	809820	814675	811141	0.38	cps
Barium	137-1	1392184	1397862	1408620	1399556	0.60	cps
Beryllium	9-1	108551	108925	109010	108829	0.22	cps
Bismuth	209-1	3748874	3732608	3734610	3738697	0.24	cps
Bismuth	209-2	1584808	1602245	1618826	1601960	1.06	cps
Boron	10-1	12881	12623	13565	13023	3.74	cps
Boron	11-1	64538	65408	66739	65562	1.69	cps
Cadmium	111-1	147252	150105	149579	148978	1.02	cps
Cadmium	106-1	16060	16344	16219	16208	0.88	cps
Cadmium	108-1	10846	10333	10846	10675	2.77	cps
Calcium	43-1	192249	192959	194529	193246	0.60	cps
Calcium	44-1	3155146	3189760	3172218	3172374	0.55	cps
Chromium	52-2	256539	253728	254889	255052	0.55	cps
Cobalt	59-2	357530	360139	362981	360217	0.76	cps
Copper	63-2	430489	431158	434817	432155	0.54	cps
Dysprosium	156-1	37756	36786	39511	38017	3.63	cps
Dysprosium	156-2	13494	13571	13240	13435	1.29	cps
Erbium	164-1	32701	32400	32608	32570	0.47	cps
Erbium	164-2	11222	10621	11168	11004	3.02	cps
Gadolinium	160-1	37288	35992	37655	36978	2.36	cps
Gadolinium	160-2	15990	16264	16521	16258	1.63	cps
Holmium	165-1	5926894	5992360	6072891	5997382	1.22	cps
Holmium	165-2	2156378	2146595	2136702	2146558	0.46	cps
Indium	115-1	4969561	5013642	5052287	5011830	0.83	cps
Indium	115-2	406766	408819	415565	410383	1.12	cps
Iron	56-2	42089277	41815918	42229766	42044987	0.50	cps
Iron	57-2	1047441	1056956	1056326	1053574	0.51	cps
Krypton	83-1	903	853	783	847	7.12	cps
Lead	206-1	489544	492515	494991	492350	0.55	cps
Lead	207-1	422429	418166	426270	422288	0.96	cps
Lead	208-1	1957007	1948231	1970169	1958469	0.56	cps
Lithium	6-1	1148711	1146623	1133960	1143098	0.70	cps
Magnesium	24-2	897309	877238	895604	890050	1.25	cps

LB Number :	LB99425	Operator :	Jaswal
Lab Sample ID :	J5999-10MSDLX5	Instrumnet Name :	P8
Client Sample ID :	SSSI-1116-S-AB-5MSDL	Dilution Factor :	5
Date & Time Acquired ::	2018-11-27 19:45:31	DataFile Name :	056SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	478117	474836	476207	476387	0.35	cps
Molybdenum	94-1	1101388	1106655	1104453	1104165	0.24	cps
Molybdenum	95-1	1276422	1285661	1278536	1280206	0.38	cps
Molybdenum	96-1	1487623	1489877	1466194	1481231	0.88	cps
Molybdenum	97-1	795179	805120	794443	798247	0.75	cps
Molybdenum	98-1	2098005	2118039	2118736	2111593	0.56	cps
Neodymium	150-1	60547	61458	61887	61297	1.12	cps
Neodymium	150-2	14932	15035	14845	14938	0.64	cps
Nickel	60-2	362847	365044	367063	364985	0.58	cps
Phosphorus	31-2	600	517	642	586	10.86	cps
Potassium	39-2	217085	222859	221778	220574	1.39	cps
Rhodium	103-1	4837571	4870267	4808690	4838843	0.64	cps
Rhodium	103-2	1898300	1919815	1939086	1919067	1.06	cps
Scandium	45-1	3297859	3362545	3317021	3325808	1.00	cps
Scandium	45-2	46897	49099	49591	48529	2.96	cps
Selenium	77-2	180	173	183	179	2.85	cps
Selenium	78-2	446	398	404	416	6.33	cps
Selenium	82-1	7890	7938	7924	7917	0.32	cps
Silicon	28-1	6074962	6168648	6200826	6148145	1.06	cps
Silver	109-1	53967	56327	54160	54818	2.39	cps
Silver	107-1	56269	55925	56393	56196	0.43	cps
Sodium	23-2	892789	881691	889425	887968	0.64	cps
Strontium	86-1	199894	200602	198591	199696	0.51	cps
Strontium	88-1	1785299	1741013	1765544	1763952	1.26	cps
Sulfur	34-1	246979	246989	246628	246865	0.08	cps
Terbium	159-1	6197284	6230056	6321386	6249575	1.03	cps
Terbium	159-2	2117294	2169645	2185005	2157314	1.65	cps
Thallium	203-1	463287	461227	469927	464814	0.98	cps
Thallium	205-1	1118976	1116296	1122870	1119381	0.30	cps
Tin	118-1	328180	328949	330683	329271	0.39	cps
Titanium	47-1	1352285	1381713	1347256	1360418	1.37	cps
Uranium	238-1	1481907	1483758	1503467	1489711	0.80	cps
Vanadium	51-2	140694	138328	138056	139026	1.04	cps
Yttrium	89-1	5883273	5921742	5956238	5920418	0.62	cps
Yttrium	89-2	339654	342108	344721	342161	0.74	cps
Zinc	66-2	64546	65401	64027	64658	1.07	cps

LB Number :	LB99425	Operator :	Jaswal
Lab Sample ID :	J5999-10MSDLX5	Instrumnet Name :	P8
Client Sample ID :	SSSI-1116-S-AB-5MSDL	Dilution Factor :	5
Date & Time Acquired ::	2018-11-27 19:45:31	DataFile Name :	056SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	90-1	1030061	1038120	1035174	1034452	0.39	cps
Zirconium	91-1	232638	230781	228819	230746	0.83	cps

LB Number : LB99425 Operator : Jaswal
 Lab Sample ID : J5999-10MSDDLX5 Instrumnet Name : P8
 Client Sample ID : SSSI-1116-S-AB-5MSDD Dilution Factor : 5
 Date & Time Acquired :: 2018-11-27 19:48:50 DataFile Name : 057SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	308061	306198	304676	306312	0.55	cps
Antimony	121-1	82388	82404	83008	82600	0.43	cps
Arsenic	75-2	12648	12977	13053	12893	1.67	cps
Barium	135-1	805415	805077	810491	806995	0.38	cps
Barium	137-1	1405420	1403853	1406732	1405335	0.10	cps
Beryllium	9-1	104963	105831	107751	106182	1.34	cps
Bismuth	209-1	3754300	3725839	3768854	3749664	0.58	cps
Bismuth	209-2	1701104	1673565	1661008	1678559	1.22	cps
Boron	10-1	12973	12856	12664	12831	1.21	cps
Boron	11-1	62219	64487	66296	64334	3.18	cps
Cadmium	111-1	146092	143739	146256	145363	0.97	cps
Cadmium	106-1	15927	15968	15101	15665	3.12	cps
Cadmium	108-1	10079	10413	10342	10278	1.71	cps
Calcium	43-1	185323	182675	186505	184834	1.06	cps
Calcium	44-1	3032518	3033921	3053774	3040071	0.39	cps
Chromium	52-2	257142	258907	256066	257372	0.56	cps
Cobalt	59-2	416697	413789	412101	414196	0.56	cps
Copper	63-2	423251	418878	422003	421377	0.53	cps
Dysprosium	156-1	34564	33753	34388	34235	1.25	cps
Dysprosium	156-2	11579	11812	11348	11580	2.00	cps
Erbium	164-1	27238	28666	29058	28321	3.38	cps
Erbium	164-2	10097	9677	9851	9875	2.14	cps
Gadolinium	160-1	31765	31431	31063	31419	1.12	cps
Gadolinium	160-2	13914	14211	13791	13972	1.55	cps
Holmium	165-1	5995542	6049496	6090648	6045229	0.79	cps
Holmium	165-2	2234438	2209745	2157103	2200429	1.80	cps
Indium	115-1	4993723	5038341	5052770	5028278	0.61	cps
Indium	115-2	428233	425658	422499	425463	0.68	cps
Iron	56-2	38247312	37971277	37944841	38054477	0.44	cps
Iron	57-2	957304	951760	950784	953283	0.37	cps
Krypton	83-1	740	873	1030	881	16.48	cps
Lead	206-1	485153	495591	492888	491210	1.10	cps
Lead	207-1	420867	423102	420881	421617	0.31	cps
Lead	208-1	1944501	1954032	1951798	1950110	0.26	cps
Lithium	6-1	1145545	1151854	1144122	1147174	0.36	cps
Magnesium	24-2	1305908	1283206	1277554	1288889	1.16	cps

LB Number :	LB99425	Operator :	Jaswal
Lab Sample ID :	J5999-10MSDDLX5	Instrumnet Name :	P8
Client Sample ID :	SSSI-1116-S-AB-5MSDD	Dilution Factor :	5
Date & Time Acquired ::	2018-11-27 19:48:50	DataFile Name :	057SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	702677	692729	691170	695525	0.90	cps
Molybdenum	94-1	1060831	1079479	1075317	1071876	0.91	cps
Molybdenum	95-1	1243531	1261062	1263586	1256060	0.87	cps
Molybdenum	96-1	1426330	1411599	1424964	1420964	0.57	cps
Molybdenum	97-1	773416	779110	781396	777974	0.53	cps
Molybdenum	98-1	2025960	2058939	2049122	2044674	0.83	cps
Neodymium	150-1	54387	54319	55431	54713	1.14	cps
Neodymium	150-2	13394	12933	13163	13163	1.75	cps
Nickel	60-2	344526	340806	339166	341500	0.80	cps
Phosphorus	31-2	500	417	558	492	14.48	cps
Potassium	39-2	194687	192414	190354	192485	1.13	cps
Rhodium	103-1	4851329	4898383	4906950	4885554	0.61	cps
Rhodium	103-2	1985533	1966651	1962183	1971456	0.63	cps
Scandium	45-1	3324549	3326291	3348809	3333216	0.41	cps
Scandium	45-2	50293	50450	48978	49907	1.62	cps
Selenium	77-2	177	160	173	170	5.19	cps
Selenium	78-2	376	435	376	396	8.65	cps
Selenium	82-1	7527	7404	7369	7433	1.11	cps
Silicon	28-1	6399042	6374729	6408892	6394221	0.28	cps
Silver	109-1	50136	51625	51742	51168	1.75	cps
Silver	107-1	53943	54277	54654	54291	0.65	cps
Sodium	23-2	905147	900359	888830	898112	0.93	cps
Strontium	86-1	196605	194121	196452	195726	0.71	cps
Strontium	88-1	1699259	1703537	1716361	1706386	0.52	cps
Sulfur	34-1	251390	248898	247707	249332	0.75	cps
Terbium	159-1	6316021	6321660	6381404	6339695	0.57	cps
Terbium	159-2	2229521	2223353	2184162	2212345	1.11	cps
Thallium	203-1	445806	450897	452019	449574	0.74	cps
Thallium	205-1	1074327	1088485	1085495	1082769	0.69	cps
Tin	118-1	314180	314949	313681	314270	0.20	cps
Titanium	47-1	887270	893319	895308	891966	0.47	cps
Uranium	238-1	1429634	1427003	1440868	1432502	0.51	cps
Vanadium	51-2	124285	123791	123270	123782	0.41	cps
Yttrium	89-1	5863766	5890243	5942631	5898880	0.68	cps
Yttrium	89-2	353209	350351	348720	350760	0.65	cps
Zinc	66-2	59031	59905	59092	59343	0.82	cps

LB Number :	LB99425	Operator :	Jaswal
Lab Sample ID :	J5999-10MSDDLX5	Instrumnet Name :	P8
Client Sample ID :	SSSI-1116-S-AB-5MSDD	Dilution Factor :	5
Date & Time Acquired ::	2018-11-27 19:48:50	DataFile Name :	057SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	90-1	986738	994379	995503	992207	0.48	cps
Zirconium	91-1	214904	222400	220987	219430	1.82	cps

LB Number :	LB99425	Operator :	Jaswal
Lab Sample ID :	J5999-10ADLX5	Instrumnet Name :	P8
Client Sample ID :	SSSI-1116-S-AB-5ADL	Dilution Factor :	5
Date & Time Acquired ::	2018-11-27 19:52:09	DataFile Name :	058SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	305885	306169	305909	305988	0.05	cps
Antimony	121-1	81515	81566	80995	81359	0.39	cps
Arsenic	75-2	12687	12793	12665	12715	0.54	cps
Barium	135-1	807020	808759	818153	811311	0.74	cps
Barium	137-1	1391755	1384462	1419585	1398601	1.33	cps
Beryllium	9-1	104818	106155	106877	105950	0.99	cps
Bismuth	209-1	3665630	3734241	3692535	3697469	0.93	cps
Bismuth	209-2	1594621	1619767	1603602	1605996	0.79	cps
Boron	10-1	12673	13532	12831	13012	3.51	cps
Boron	11-1	65216	64486	66588	65430	1.63	cps
Cadmium	111-1	145826	146883	147014	146574	0.44	cps
Cadmium	106-1	15726	15576	16119	15807	1.77	cps
Cadmium	108-1	10342	10450	10467	10420	0.65	cps
Calcium	43-1	183120	185990	183619	184243	0.83	cps
Calcium	44-1	3066788	3070501	3090522	3075937	0.42	cps
Chromium	52-2	253590	253881	253761	253744	0.06	cps
Cobalt	59-2	384647	387101	386909	386219	0.35	cps
Copper	63-2	426421	423314	426616	425450	0.44	cps
Dysprosium	156-1	34948	37087	36017	36017	2.97	cps
Dysprosium	156-2	12673	12790	12770	12744	0.49	cps
Erbium	164-1	29902	29751	30671	30108	1.64	cps
Erbium	164-2	10638	10875	10731	10748	1.11	cps
Gadolinium	160-1	33937	33394	33344	33558	0.98	cps
Gadolinium	160-2	15429	15042	15129	15200	1.34	cps
Holmium	165-1	5926563	6004298	6020848	5983903	0.84	cps
Holmium	165-2	2129387	2142309	2119538	2130411	0.54	cps
Indium	115-1	4894476	4956351	4953073	4934633	0.71	cps
Indium	115-2	408636	409113	403743	407164	0.73	cps
Iron	56-2	39789340	39763358	39755847	39769515	0.04	cps
Iron	57-2	994464	991423	1002339	996075	0.57	cps
Krypton	83-1	833	997	973	934	9.45	cps
Lead	206-1	489009	490838	492761	490869	0.38	cps
Lead	207-1	417227	419519	421940	419562	0.56	cps
Lead	208-1	1930572	1948276	1954369	1944406	0.64	cps
Lithium	6-1	1114629	1102494	1138657	1118593	1.65	cps
Magnesium	24-2	1061993	1071588	1070794	1068125	0.50	cps

LB Number :	LB99425	Operator :	Jaswal
Lab Sample ID :	J5999-10ADLX5	Instrumnet Name :	P8
Client Sample ID :	SSSI-1116-S-AB-5ADL	Dilution Factor :	5
Date & Time Acquired ::	2018-11-27 19:52:09	DataFile Name :	058SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	576243	579982	583508	579911	0.63	cps
Molybdenum	94-1	1066117	1065022	1078087	1069742	0.68	cps
Molybdenum	95-1	1252756	1255068	1258897	1255574	0.25	cps
Molybdenum	96-1	1432720	1439880	1409183	1427261	1.13	cps
Molybdenum	97-1	783106	780651	782318	782025	0.16	cps
Molybdenum	98-1	2063375	2057167	2059540	2060027	0.15	cps
Neodymium	150-1	57727	57781	59402	58303	1.63	cps
Neodymium	150-2	14201	13891	14174	14089	1.22	cps
Nickel	60-2	351494	351637	350213	351115	0.22	cps
Phosphorus	31-2	458	450	467	458	1.82	cps
Potassium	39-2	206003	206908	206660	206523	0.23	cps
Rhodium	103-1	4790098	4749530	4730551	4756726	0.64	cps
Rhodium	103-2	1918363	1905692	1886066	1903374	0.85	cps
Scandium	45-1	3277915	3271993	3275493	3275134	0.09	cps
Scandium	45-2	48373	48678	48290	48447	0.42	cps
Selenium	77-2	167	170	177	171	2.98	cps
Selenium	78-2	409	326	380	372	11.37	cps
Selenium	82-1	7583	7466	7544	7531	0.79	cps
Silicon	28-1	6808370	6773783	6794164	6792106	0.26	cps
Silver	109-1	52010	51366	52678	52018	1.26	cps
Silver	107-1	56478	55013	55950	55814	1.33	cps
Sodium	23-2	890348	887360	883895	887201	0.36	cps
Strontium	86-1	195189	197392	196209	196263	0.56	cps
Strontium	88-1	1709986	1718343	1724875	1717735	0.43	cps
Sulfur	34-1	247455	246838	247860	247384	0.21	cps
Terbium	159-1	6125033	6202004	6249780	6192272	1.02	cps
Terbium	159-2	2150450	2131115	2101161	2127575	1.17	cps
Thallium	203-1	456726	457969	454832	456509	0.35	cps
Thallium	205-1	1085007	1093224	1106003	1094745	0.97	cps
Tin	118-1	310045	311544	314115	311901	0.66	cps
Titanium	47-1	1112112	1110847	1114818	1112592	0.18	cps
Uranium	238-1	1441982	1441472	1454667	1446040	0.52	cps
Vanadium	51-2	129983	130575	130349	130302	0.23	cps
Yttrium	89-1	5830515	5832842	5894253	5852537	0.62	cps
Yttrium	89-2	339421	339120	336412	338317	0.49	cps
Zinc	66-2	61191	60946	60806	60981	0.32	cps

LB Number :	LB99425	Operator :	Jaswal
Lab Sample ID :	J5999-10ADLX5	Instrumnet Name :	P8
Client Sample ID :	SSSI-1116-S-AB-5ADL	Dilution Factor :	5
Date & Time Acquired ::	2018-11-27 19:52:09	DataFile Name :	058SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	90-1	991388	1010670	1005268	1002442	0.99	cps
Zirconium	91-1	220017	222583	223313	221971	0.78	cps

LB Number :	LB99425	Operator :	Jaswal
Lab Sample ID :	CCV71	Instrumnet Name :	P8
Client Sample ID :	CCV71	Dilution Factor :	1
Date & Time Acquired ::	2018-11-27 19:55:30	DataFile Name :	059CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	485055	490734	493183	489657	0.85	cps
Antimony	121-1	3232503	3235960	3314705	3261056	1.43	cps
Arsenic	75-2	63980	63452	64165	63866	0.58	cps
Barium	135-1	3411552	3401427	3432326	3415102	0.46	cps
Barium	137-1	5839765	5858496	5833682	5843981	0.22	cps
Beryllium	9-1	528612	529756	538685	532351	1.04	cps
Bismuth	209-1	3719821	3818078	3538197	3692032	3.85	cps
Bismuth	209-2	1652974	1573105	1586085	1604055	2.67	cps
Boron	10-1	62972	64111	63600	63561	0.90	cps
Boron	11-1	317971	323596	327460	323009	1.48	cps
Cadmium	111-1	729430	733168	737088	733229	0.52	cps
Cadmium	106-1	75872	77272	78101	77082	1.46	cps
Cadmium	108-1	51297	52853	52866	52339	1.72	cps
Calcium	43-1	3930598	3963472	3990900	3961657	0.76	cps
Calcium	44-1	62856210	63733747	64054499	63548152	0.98	cps
Chromium	52-2	529824	534312	534590	532909	0.50	cps
Cobalt	59-2	1024857	1022884	1025601	1024447	0.14	cps
Copper	63-2	1860100	1873191	1869624	1867638	0.36	cps
Dysprosium	156-1	175	117	83	125	37.12	cps
Dysprosium	156-2	3	17	17	12	63.01	cps
Erbium	164-1	33	33	25	31	15.75	cps
Erbium	164-2	7	13	7	9	43.25	cps
Gadolinium	160-1	83	92	108	94	13.48	cps
Gadolinium	160-2	30	27	23	27	12.51	cps
Holmium	165-1	6162681	6238546	5934315	6111847	2.59	cps
Holmium	165-2	2217992	2160939	2170340	2183090	1.40	cps
Indium	115-1	4907130	4928967	4659439	4831845	3.10	cps
Indium	115-2	406831	390886	394114	397277	2.12	cps
Iron	56-2	90066510	90646655	90783724	90498963	0.42	cps
Iron	57-2	2286915	2332821	2325564	2315100	1.07	cps
Krypton	83-1	847	800	787	811	3.88	cps
Lead	206-1	1943051	1990861	1972077	1968663	1.22	cps
Lead	207-1	1741921	1773506	1765756	1760395	0.94	cps
Lead	208-1	7899530	8040084	7947881	7962498	0.90	cps
Lithium	6-1	1080602	1086691	1051023	1072772	1.78	cps
Magnesium	24-2	9791040	9845400	9853553	9829998	0.35	cps

LB Number :	LB99425	Operator :	Jaswal
Lab Sample ID :	CCV71	Instrumnet Name :	P8
Client Sample ID :	CCV71	Dilution Factor :	1
Date & Time Acquired ::	2018-11-27 19:55:30	DataFile Name :	059CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	330407	335197	335018	333540	0.81	cps
Molybdenum	94-1	5861489	5832224	5908384	5867366	0.65	cps
Molybdenum	95-1	7249701	7252361	7301930	7267997	0.40	cps
Molybdenum	96-1	8025036	8117453	8142702	8095063	0.77	cps
Molybdenum	97-1	4454908	4543303	4614162	4537458	1.76	cps
Molybdenum	98-1	11560473	11574177	11717404	11617351	0.75	cps
Neodymium	150-1	193	193	113	167	27.71	cps
Neodymium	150-2	13	20	43	26	61.64	cps
Nickel	60-2	301471	302922	302649	302348	0.25	cps
Phosphorus	31-2	7010	6610	6452	6691	4.30	cps
Potassium	39-2	3065760	3131046	3133118	3109975	1.23	cps
Rhodium	103-1	4657287	4717966	4391867	4589040	3.78	cps
Rhodium	103-2	1887102	1837367	1805180	1843216	2.24	cps
Scandium	45-1	3127018	3184058	3002205	3104427	3.00	cps
Scandium	45-2	47771	45493	45845	46370	2.64	cps
Selenium	77-2	510	607	503	540	10.71	cps
Selenium	78-2	1963	1878	1972	1938	2.69	cps
Selenium	82-1	45654	45770	45989	45804	0.37	cps
Silicon	28-1	2016031	2060805	2072288	2049708	1.45	cps
Silver	109-1	3371432	3363493	3395209	3376711	0.49	cps
Silver	107-1	3563641	3530565	3559624	3551277	0.51	cps
Sodium	23-2	21304125	21351871	21491715	21382571	0.46	cps
Strontium	86-1	878831	887791	879479	882034	0.57	cps
Strontium	88-1	7557930	7607688	7585641	7583753	0.33	cps
Sulfur	34-1	549446	552093	551458	550999	0.25	cps
Terbium	159-1	6415350	6485347	6211369	6370688	2.23	cps
Terbium	159-2	2216478	2149136	2157261	2174292	1.69	cps
Thallium	203-1	2462973	2481468	2504366	2482936	0.84	cps
Thallium	205-1	5802817	5868564	5837541	5836307	0.56	cps
Tin	118-1	2261657	2267101	2314820	2281193	1.28	cps
Titanium	47-1	1911676	1922274	1958287	1930746	1.27	cps
Uranium	238-1	7582354	7627209	7611874	7607145	0.30	cps
Vanadium	51-2	383639	384912	385154	384568	0.21	cps
Yttrium	89-1	5378336	5474060	5195874	5349423	2.64	cps
Yttrium	89-2	318728	306497	306760	310662	2.25	cps
Zinc	66-2	215083	214460	216542	215362	0.50	cps

LB Number :	LB99425	Operator :	Jaswal
Lab Sample ID :	CCV71	Instrumnet Name :	P8
Client Sample ID :	CCV71	Dilution Factor :	1
Date & Time Acquired ::	2018-11-27 19:55:30	DataFile Name :	059CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	90-1	4907908	4858596	4897752	4888085	0.53	cps
Zirconium	91-1	1060066	1076381	1077062	1071170	0.90	cps

LB Number : LB99425 Operator : Jaswal
 Lab Sample ID : CCB71 Instrumnet Name : P8
 Client Sample ID : CCB71 Dilution Factor : 1
 Date & Time Acquired :: 2018-11-27 19:58:40 DataFile Name : 060CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	28	23	38	29	26.18	cps
Antimony	121-1	1625	1692	1483	1600	6.65	cps
Arsenic	75-2	9	7	9	9	12.36	cps
Barium	135-1	133	125	42	100	50.69	cps
Barium	137-1	233	208	125	189	30.03	cps
Beryllium	9-1	161	100	183	148	29.13	cps
Bismuth	209-1	4021897	4054217	4029740	4035285	0.42	cps
Bismuth	209-2	1767143	1803279	1756518	1775646	1.38	cps
Boron	10-1	1117	1167	1058	1114	4.87	cps
Boron	11-1	5918	5735	4868	5507	10.19	cps
Cadmium	111-1	897	739	872	836	10.13	cps
Cadmium	106-1	1250	1025	1208	1161	10.31	cps
Cadmium	108-1	17	17	17	17	0.00	cps
Calcium	43-1	542	342	425	436	23.04	cps
Calcium	44-1	14850	15034	13290	14391	6.66	cps
Chromium	52-2	990	863	963	939	7.11	cps
Cobalt	59-2	63	63	47	58	16.65	cps
Copper	63-2	593	590	653	612	5.82	cps
Dysprosium	156-1	8	8	0	6	86.60	cps
Dysprosium	156-2	0	7	0	2	173.21	cps
Erbium	164-1	33	25	33	31	15.75	cps
Erbium	164-2	3	10	3	6	69.34	cps
Gadolinium	160-1	58	33	75	56	37.75	cps
Gadolinium	160-2	7	13	3	8	65.47	cps
Holmium	165-1	6263201	6299719	6179509	6247476	0.99	cps
Holmium	165-2	2245793	2298117	2250544	2264818	1.28	cps
Indium	115-1	5240526	5216106	5212588	5223073	0.29	cps
Indium	115-2	428698	439342	431467	433169	1.27	cps
Iron	56-2	3239	3134	2934	3102	5.00	cps
Iron	57-2	133	83	78	98	31.17	cps
Krypton	83-1	917	810	813	847	7.16	cps
Lead	206-1	895	883	861	880	1.93	cps
Lead	207-1	733	767	689	730	5.35	cps
Lead	208-1	3423	3250	3234	3302	3.17	cps
Lithium	6-1	1160360	1174201	1152858	1162473	0.93	cps
Magnesium	24-2	400	250	200	283	36.73	cps

LB Number :	LB99425	Operator :	Jaswal
Lab Sample ID :	CCB71	Instrumnet Name :	P8
Client Sample ID :	CCB71	Dilution Factor :	1
Date & Time Acquired ::	2018-11-27 19:58:40	DataFile Name :	060CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	20	43	47	37	39.63	cps
Molybdenum	94-1	758	617	533	636	17.88	cps
Molybdenum	95-1	892	900	758	850	9.35	cps
Molybdenum	96-1	1117	867	792	925	18.40	cps
Molybdenum	97-1	558	450	408	472	16.40	cps
Molybdenum	98-1	1533	1175	1308	1339	13.53	cps
Neodymium	150-1	13	7	13	11	34.61	cps
Neodymium	150-2	0	0	0	0	0.00	cps
Nickel	60-2	93	60	93	82	23.41	cps
Phosphorus	31-2	8	25	8	14	69.31	cps
Potassium	39-2	5301	5193	4843	5112	4.69	cps
Rhodium	103-1	5105092	5041200	5102563	5082951	0.71	cps
Rhodium	103-2	2033217	2094172	2005285	2044225	2.22	cps
Scandium	45-1	3234191	3208359	3197558	3213369	0.59	cps
Scandium	45-2	48049	48851	47416	48106	1.49	cps
Selenium	77-2	0	0	3	1	173.21	cps
Selenium	78-2	4	2	4	3	34.64	cps
Selenium	82-1	-88	-3	-16	-36	-129.71	cps
Silicon	28-1	192481	189465	186239	189395	1.65	cps
Silver	109-1	400	383	292	358	16.28	cps
Silver	107-1	458	475	300	411	23.49	cps
Sodium	23-2	8178	8461	8244	8294	1.79	cps
Strontium	86-1	1458	1258	1375	1364	7.37	cps
Strontium	88-1	150	158	208	172	18.32	cps
Sulfur	34-1	320431	319580	318671	319561	0.28	cps
Terbium	159-1	6652324	6539271	6586412	6592669	0.86	cps
Terbium	159-2	2261205	2310812	2245332	2272450	1.50	cps
Thallium	203-1	1283	1075	1042	1133	11.56	cps
Thallium	205-1	2700	2692	2292	2562	9.11	cps
Tin	118-1	633	542	550	575	8.82	cps
Titanium	47-1	142	183	108	144	26.01	cps
Uranium	238-1	242	158	150	183	27.65	cps
Vanadium	51-2	17	17	27	20	28.86	cps
Yttrium	89-1	5590798	5562638	5559864	5571100	0.31	cps
Yttrium	89-2	321568	330567	322249	324795	1.54	cps
Zinc	66-2	83	117	137	112	24.01	cps

LB Number :	LB99425	Operator :	Jaswal
Lab Sample ID :	CCB71	Instrumnet Name :	P8
Client Sample ID :	CCB71	Dilution Factor :	1
Date & Time Acquired ::	2018-11-27 19:58:40	DataFile Name :	060CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	90-1	658	758	708	708	7.06	cps
Zirconium	91-1	142	225	183	183	22.73	cps