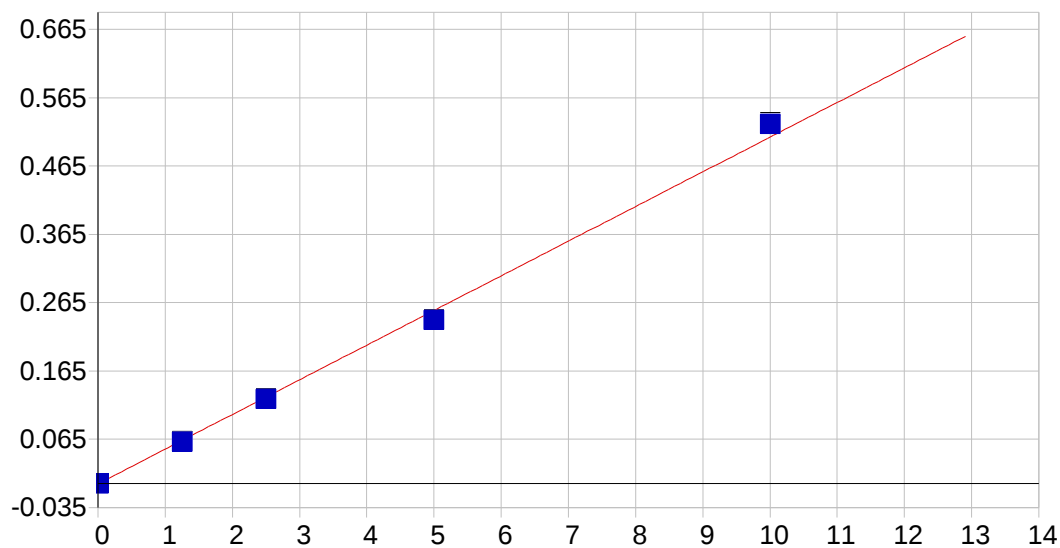




As 189.042 {479}

Date of Fit: 1/22/2018 17:40:48

Type of Fit: Linear

Weighting: 1/Conc

A0 (Offset): -0.000060

Re-Slope: 1.000000

A1 (Gain): 0.050731

Y-int: 0.000000

A2 (Curvature): 0.000000

n (Exponent): 1.000000

Correlation: 0.999121

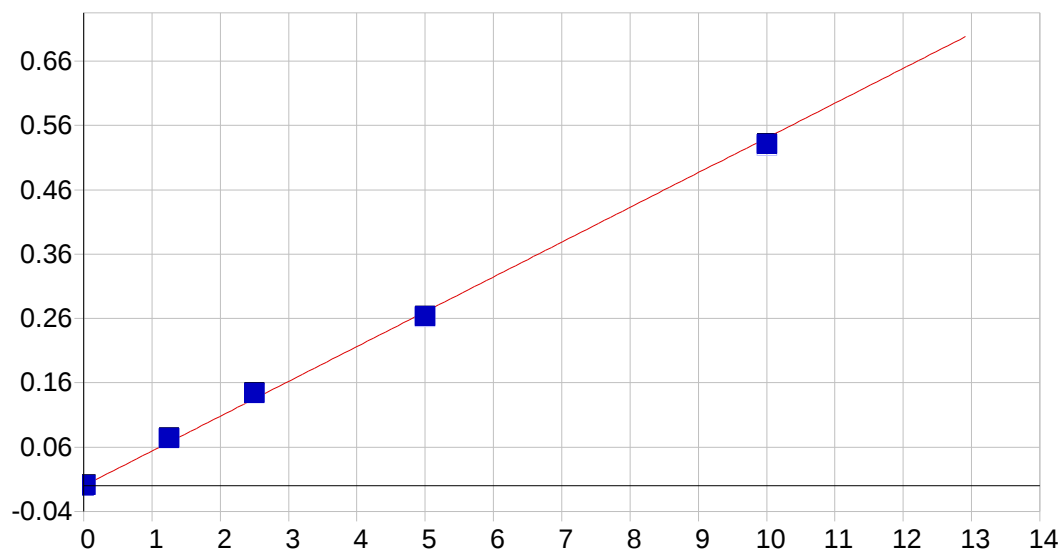
Status: OK.

Std Error of Est: 0.000036

Predicted MDL: 0.003096

Predicted MQL: 0.010319

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	-.00006	.000	1
S1	.01000	.01025	.000	2.54	.00046	.000	1
S2	1.2500	1.2135	-.036	-2.92	.06151	.000	1
S3	2.5000	2.4382	-.062	-2.47	.12365	.001	1
S4	5.0000	4.7176	-.282	-5.65	.23930	.001	1
S5	10.000	10.380	.380	3.80	.52662	.002	1

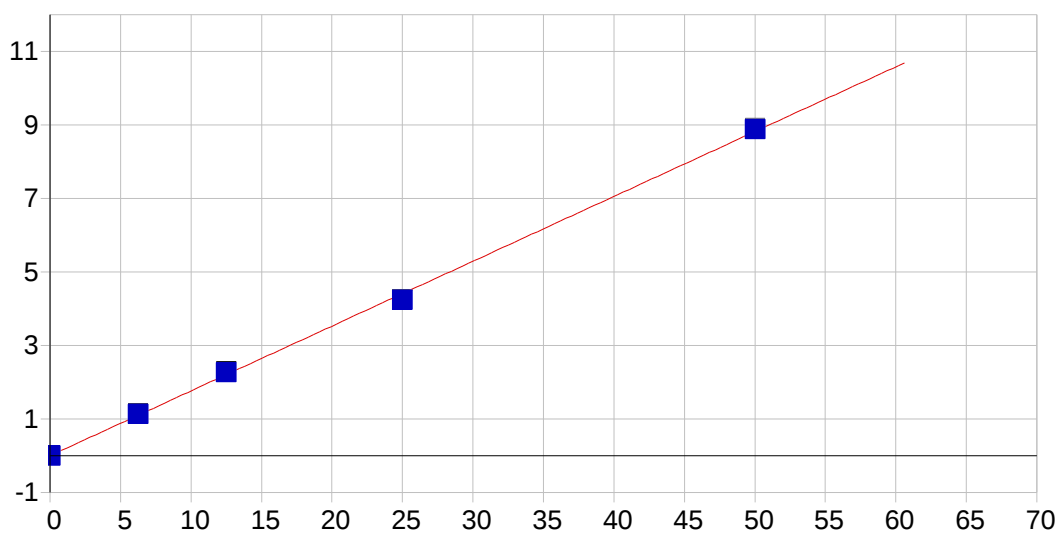


TI 190.856 {477}

Date of Fit: 1/22/2018 17:40:48 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.000211 Re-Slope: 1.000000
 A1 (Gain): 0.054091 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999178 Status: OK.
 Std Error of Est: 0.000058
 Predicted MDL: 0.002016
 Predicted MQL: 0.006721

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00001	.000	.000	-.00021	.000	1
S1	.02500	.02758	.003	10.3	.00126	.000	1
S2	1.2500	1.3738	.124	9.90	.07369	.000	1
S3	2.5000	2.6726	.173	6.90	.14354	.001	1
S4	5.0000	4.8796	-.120	-2.41	.26209	.000	1
S5	10.000	9.8215	-.178	-1.78	.52778	.001	1

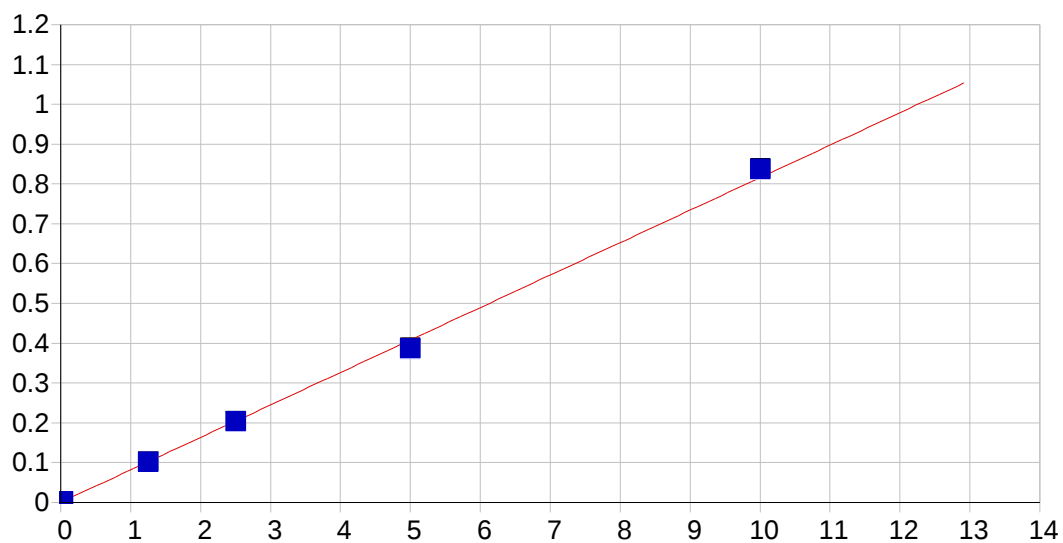


Pb 220.353 {453}

Date of Fit: 1/22/2018 17:40:48 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.000298 Re-Slope: 1.000000
 A1 (Gain): 0.176390 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999690 Status: OK.
 Std Error of Est: 0.000165
 Predicted MDL: 0.001487
 Predicted MQL: 0.004957

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	-.00030	.000	1
S1	.01000	.01028	.000	2.84	.00153	.000	1
S2	6.2500	6.4549	.205	3.28	1.1400	.002	1
S3	12.500	12.878	.378	3.03	2.2747	.005	1
S4	25.000	24.034	-.966	-3.86	4.2459	.006	1
S5	50.000	50.383	.383	.765	8.9005	.004	1

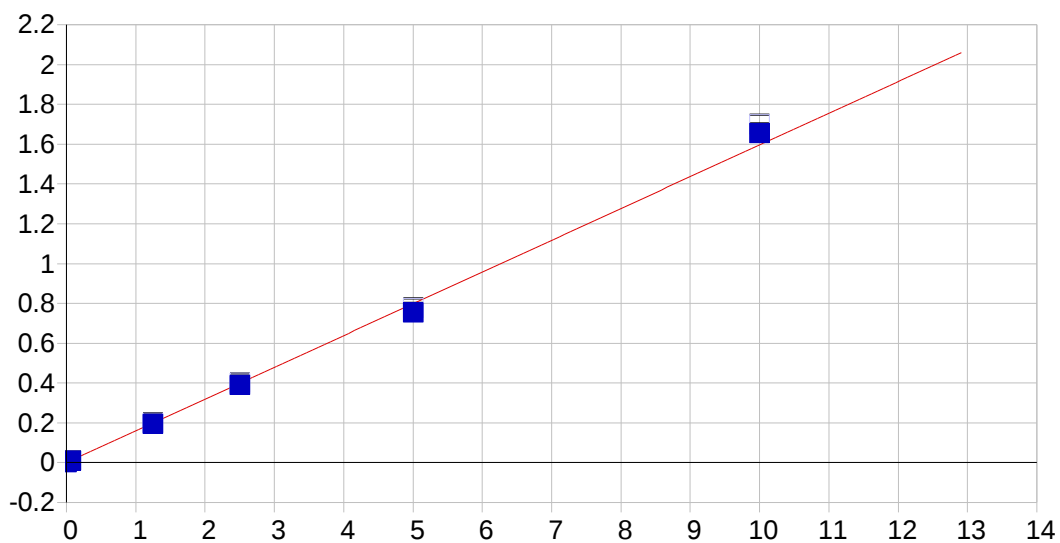


Se 196.090 {472}

Date of Fit: 1/22/2018 17:40:48 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.000358 Re-Slope: 1.000000
 A1 (Gain): 0.081547 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999419 Status: OK.
 Std Error of Est: 0.000087
 Predicted MDL: 0.002515
 Predicted MQL: 0.008382

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	.00036	.000	1
S1	.03500	.03189	-.003	-8.88	.00296	.000	1
S2	1.2500	1.2499	.000	-.011	.10180	.001	1
S3	2.5000	2.4896	-.010	-.414	.20242	.001	1
S4	5.0000	4.7381	-.262	-5.24	.38482	.001	1
S5	10.000	10.276	.276	2.76	.83447	.000	1

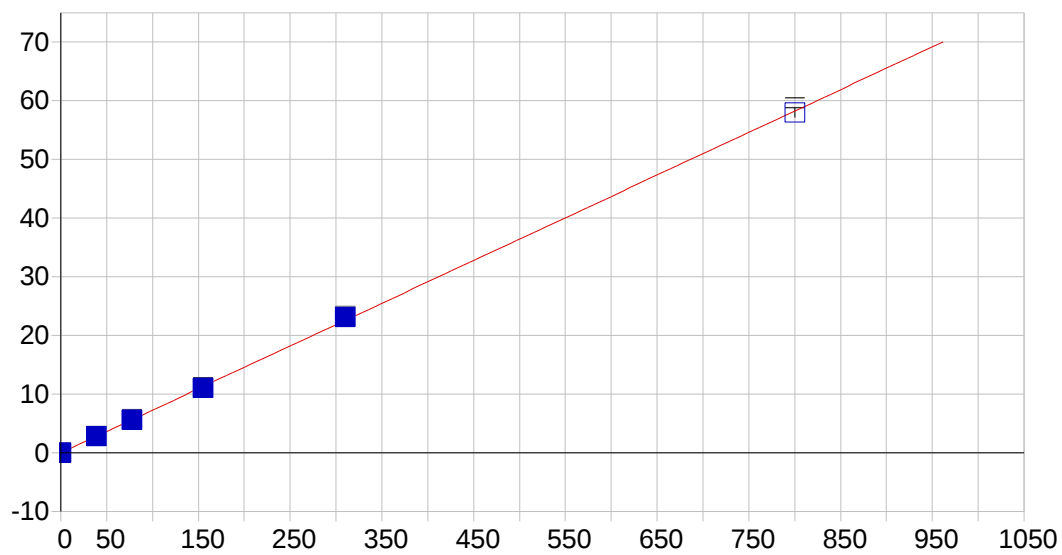


Sb 206.833 {463}

Date of Fit: 1/22/2018 17:40:48 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.000028 Re-Slope: 1.000000
 A1 (Gain): 0.159578 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999208 Status: OK.
 Std Error of Est: 0.000268
 Predicted MDL: 0.001401
 Predicted MQL: 0.004671

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00001	.000	.000	.00003	.000	1
S1	.06000	.05617	-.004	-6.38	.00899	.000	1
S2	1.2500	1.2240	-.026	-2.08	.20078	.001	1
S3	2.5000	2.4371	-.063	-2.52	.39980	.000	1
S4	5.0000	4.7226	-.277	-5.55	.77538	.002	1
S5	10.000	10.370	.370	3.70	1.6983	.003	1

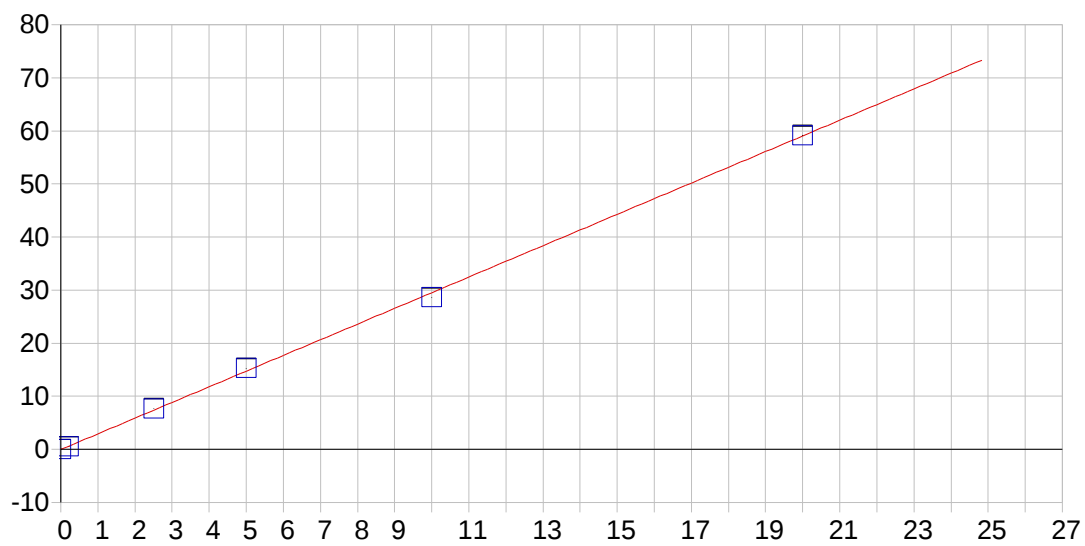


AI 396.152 { 85}

Date of Fit: 1/22/2018 17:40:48 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset):	-0.000322	Re-Slope: 1.000000
A1 (Gain):	0.072837	Y-int: 0.000000
A2 (Curvature):	0.000000	
n (Exponent):	1.000000	
Correlation:	0.999899	Status: OK.
Std Error of Est:	0.000643	
Predicted MDL:	0.005863	
Predicted MQL:	0.019543	

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	-.00032	.000	1
S1	.20000	.19883	-.001	-.586	.01418	.000	1
S2	38.750	38.892	.142	.366	2.8351	.015	1
S3	77.500	77.577	.077	.099	5.6554	.025	1
S4	155.00	151.74	-3.26	-2.11	11.062	.030	1
S5	310.00	317.55	7.55	2.43	23.150	.103	1
S6	800.00	795.49	-4.51	-.563	57.941	.848	1

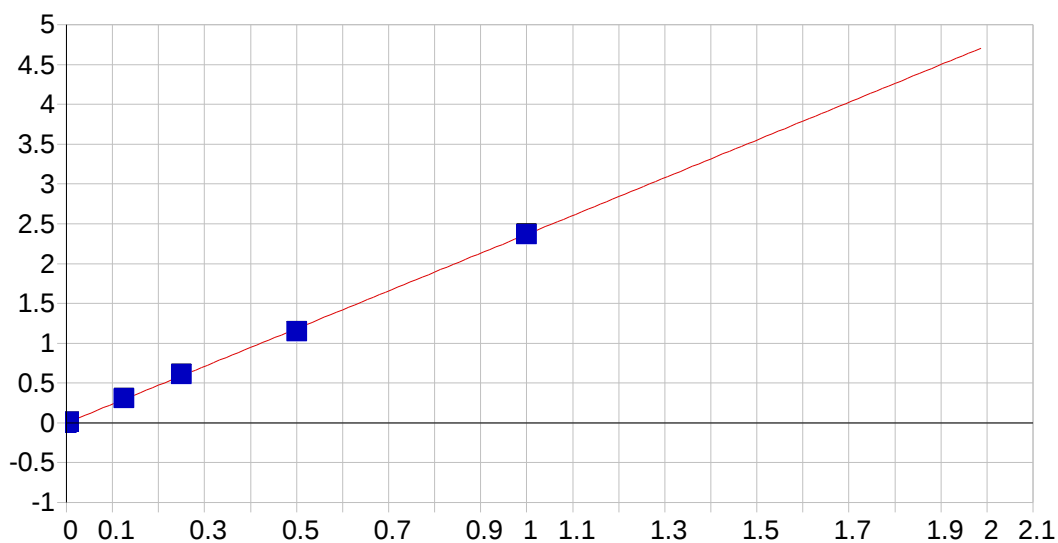


Ba 493.409 { 68}

Date of Fit: 1/22/2018 17:40:48 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.020318 Re-Slope: 1.000000
 A1 (Gain): 2.953332 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999722 Status: OK.
 Std Error of Est: 0.007398
 Predicted MDL: 0.000355
 Predicted MQL: 0.001184

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00001	.000	.000	-.02035	.001	1
S1	.20000	.19997	.000	-.017	.57025	.005	1
S2	2.5000	2.6151	.115	4.61	7.7030	.051	1
S3	5.0000	5.1772	.177	3.54	15.270	.028	1
S4	10.000	9.6942	-.306	-3.06	28.610	.086	1
S5	20.000	20.013	.013	.067	59.086	.106	1

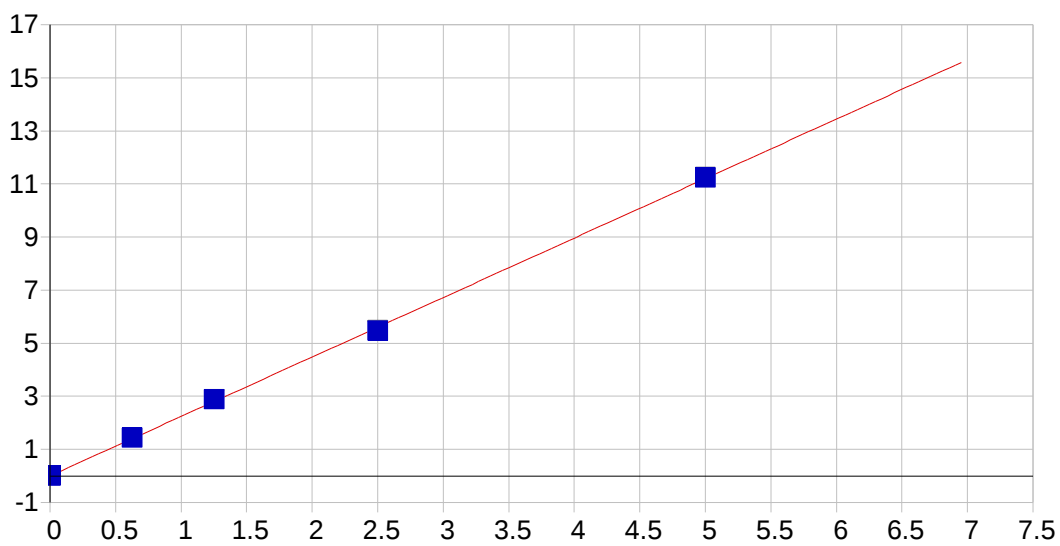


Be 234.861 {144}

Date of Fit: 1/22/2018 17:40:48 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.000962 Re-Slope: 1.000000
 A1 (Gain): 2.368288 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999773 Status: OK.
 Std Error of Est: 0.000188
 Predicted MDL: 0.000085
 Predicted MQL: 0.000284

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	-.00096	.000	1
S1	.00500	.00527	.000	5.39	.01151	.000	1
S2	.12500	.13030	.005	4.24	.30632	.002	1
S3	.25000	.25750	.008	3.00	.60629	.003	1
S4	.50000	.48622	-.014	-2.76	1.1454	.002	1
S5	1.0000	1.0007	.001	.071	2.3587	.008	1

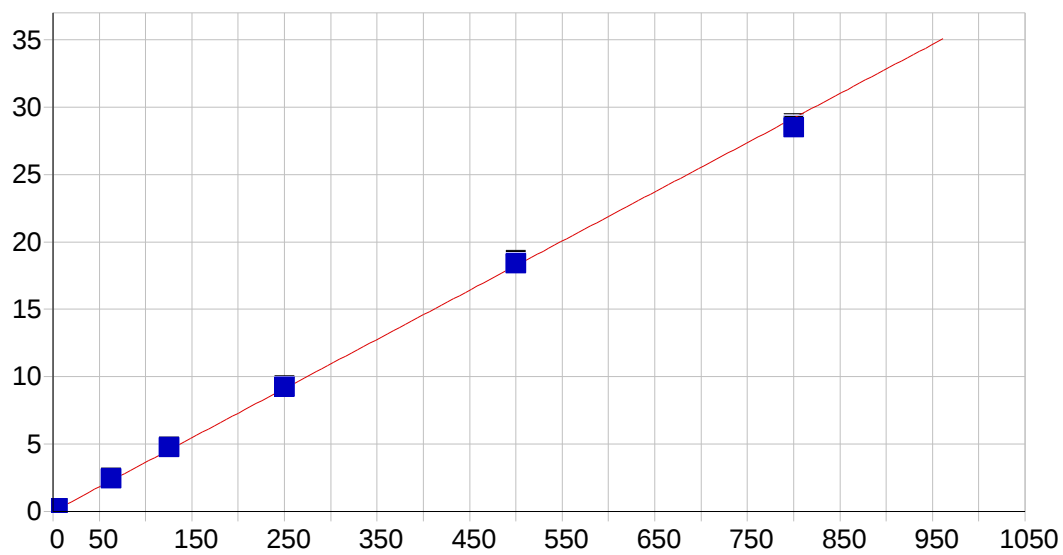


Cd 214.438 {457}

Date of Fit: 1/22/2018 17:40:48 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.000207 Re-Slope: 1.000000
 A1 (Gain): 2.240384 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999847 Status: OK.
 Std Error of Est: 0.000329
 Predicted MDL: 0.000083
 Predicted MQL: 0.000277

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	-.00021	.000	1
S1	.00500	.00479	.000	-4.29	.01052	.000	1
S2	.62500	.64196	.017	2.71	1.4409	.004	1
S3	1.2500	1.2835	.034	2.68	2.8811	.009	1
S4	2.5000	2.4389	-.061	-2.44	5.4755	.008	1
S5	5.0000	5.0108	.011	.216	11.249	.006	1

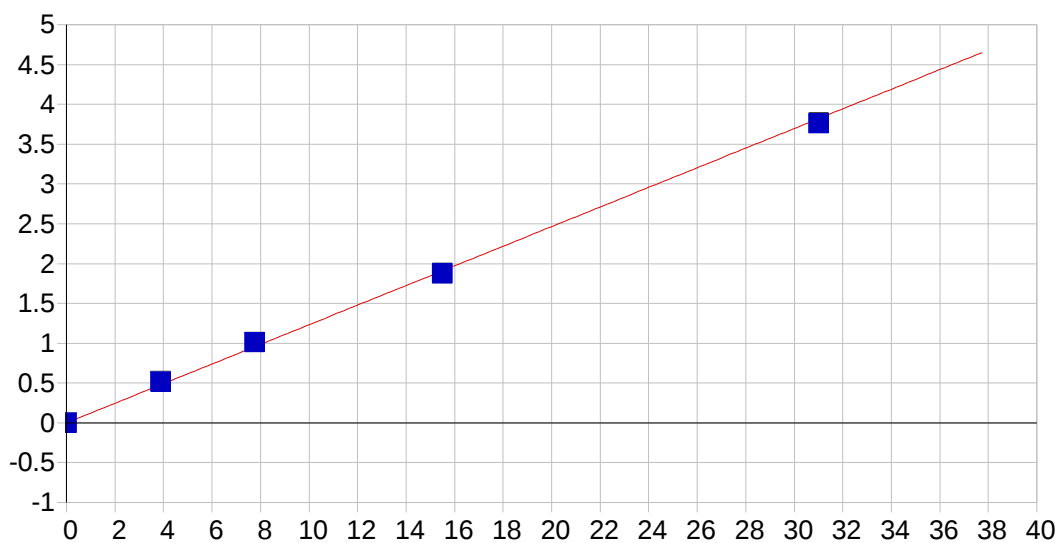


Ca 373.690 { 90}

Date of Fit: 1/22/2018 17:40:48 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.001388 Re-Slope: 1.000000
 A1 (Gain): 0.036481 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999658 Status: OK.
 Std Error of Est: 0.003347
 Predicted MDL: 0.009983
 Predicted MQL: 0.033278

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00086	-.001	.000	.00136	.000	1
S1	5.0000	5.2421	.242	4.84	.19265	.001	1
S2	62.500	67.330	4.83	7.73	2.4658	.010	1
S3	125.00	130.72	5.72	4.57	4.7863	.032	1
S4	250.00	253.71	3.71	1.48	9.2894	.050	1
S5	500.00	504.70	4.70	.940	18.478	.167	1
S6	800.00	780.85	-19.1	-2.39	28.661	.102	1

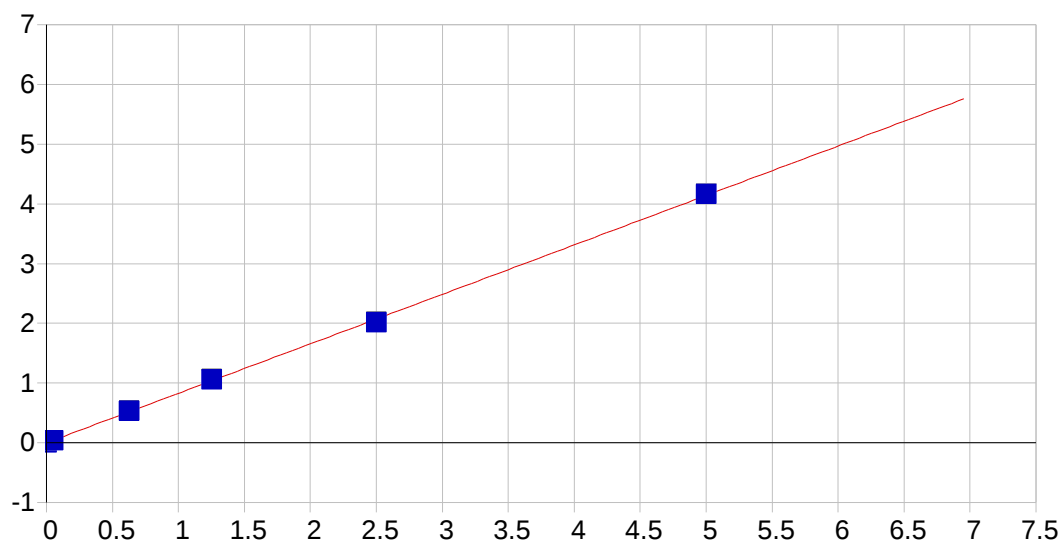


Cr 267.716 {126}

Date of Fit: 1/22/2018 17:40:48 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.000044 Re-Slope: 1.000000
 A1 (Gain): 0.123209 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999424 Status: OK.
 Std Error of Est: 0.000124
 Predicted MDL: 0.000567
 Predicted MQL: 0.001891

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	-.00004	.000	1
S1	.01000	.01071	.001	7.14	.00128	.000	1
S2	3.8750	4.2090	.334	8.62	.51893	.001	1
S3	7.7500	8.1923	.442	5.71	1.0101	.003	1
S4	15.500	15.221	-.279	-1.80	1.8768	.005	1
S5	31.000	30.502	-.498	-1.61	3.7611	.008	1

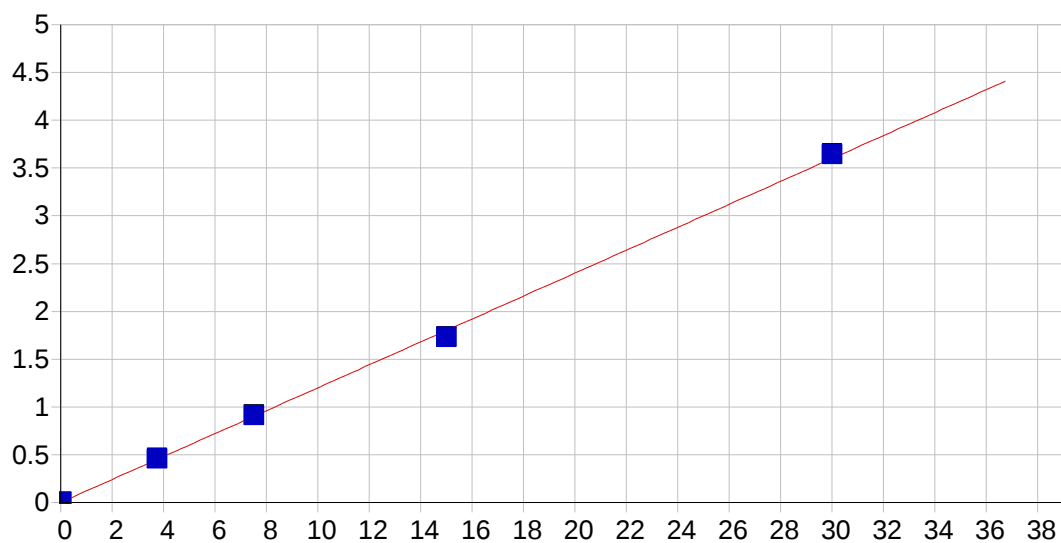


Co 228.616 {448}

Date of Fit: 1/22/2018 17:40:48 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.000191 Re-Slope: 1.000000
 A1 (Gain): 0.828211 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999822 Status: OK.
 Std Error of Est: 0.000416
 Predicted MDL: 0.000224
 Predicted MQL: 0.000747

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	-.00019	.000	1
S1	.05000	.04567	-.004	-8.66	.03779	.000	1
S2	.62500	.64109	.016	2.57	.53179	.002	1
S3	1.2500	1.2785	.029	2.28	1.0608	.002	1
S4	2.5000	2.4331	-.067	-2.67	2.0191	.003	1
S5	5.0000	5.0266	.027	.532	4.1711	.002	1



Cu 324.754 {104}

Date of Fit: 1/22/2018 17:40:48

Type of Fit: Linear

Weighting: 1/Conc

A0 (Offset): 0.000699

Re-Slope: 1.000000

A1 (Gain): 0.119963

Y-int: 0.000000

A2 (Curvature): 0.000000

n (Exponent): 1.000000

Correlation: 0.999730

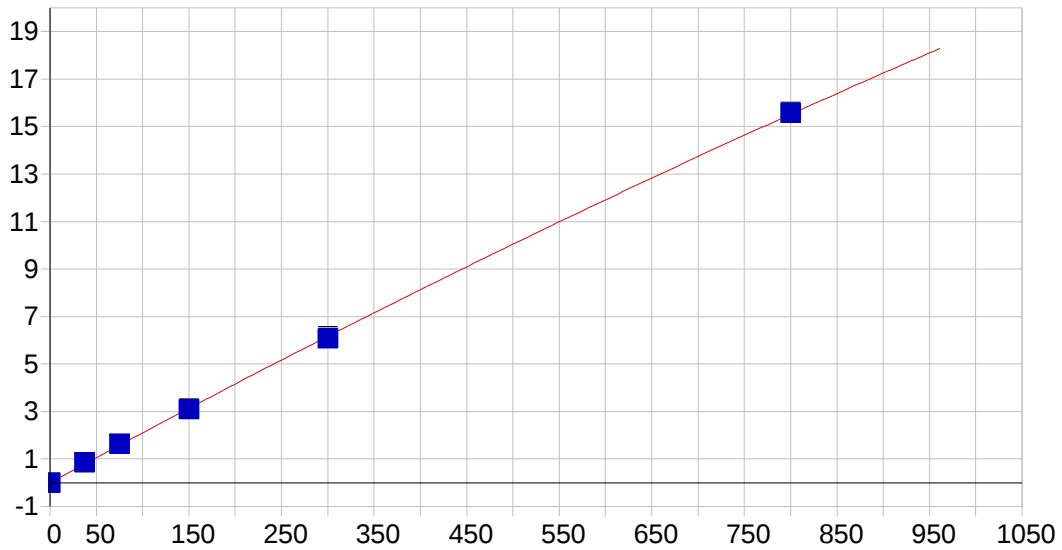
Status: OK.

Std Error of Est: 0.000128

Predicted MDL: 0.001758

Predicted MQL: 0.005861

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	.00070	.000	1
S1	.02500	.02443	-.001	-2.28	.00362	.000	1
S2	3.7500	3.8389	.089	2.37	.46094	.005	1
S3	7.5000	7.6264	.126	1.68	.91502	.001	1
S4	15.000	14.428	-.572	-3.82	1.7304	.003	1
S5	30.000	30.358	.358	1.19	3.6402	.008	1

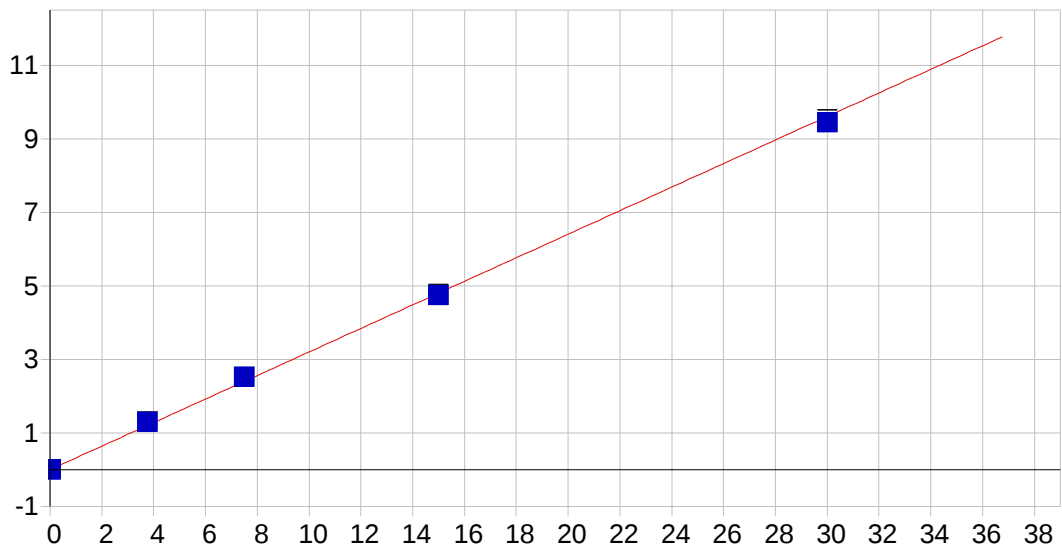


Fe 259.837 {130}

Date of Fit: 1/22/2018 17:40:48 Type of Fit: Curvilinear Weighting: 1/Conc

A0 (Offset): 0.000023 Re-Slope: 1.000000
 A1 (Gain): 0.021243 Y-int: 0.000000
 A2 (Curvature): -0.000002
 n (Exponent): 1.000000
 Correlation: 0.999845 Status: OK.
 Std Error of Est: 0.000173
 Predicted MDL: 0.006464
 Predicted MQL: 0.021547

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00002	.000	.000	.00002	.000	1
S1	.10000	.11245	.012	12.4	.00246	.000	1
S2	37.500	39.978	2.48	6.61	.84984	.006	1
S3	75.000	77.815	2.82	3.75	1.6476	.007	1
S4	150.00	147.34	-2.66	-1.77	3.0969	.008	1
S5	300.00	295.26	-4.74	-1.58	6.1051	.046	1
S6	800.00	802.14	2.14	.268	15.632	.011	1



Mn 257.610 {131}

Date of Fit: 1/22/2018 17:40:48

Type of Fit: Linear

Weighting: 1/Conc

A0 (Offset): -0.000047

Re-Slope: 1.000000

A1 (Gain): 0.320214

Y-int: 0.000000

A2 (Curvature): 0.000000

n (Exponent): 1.000000

Correlation: 0.999487

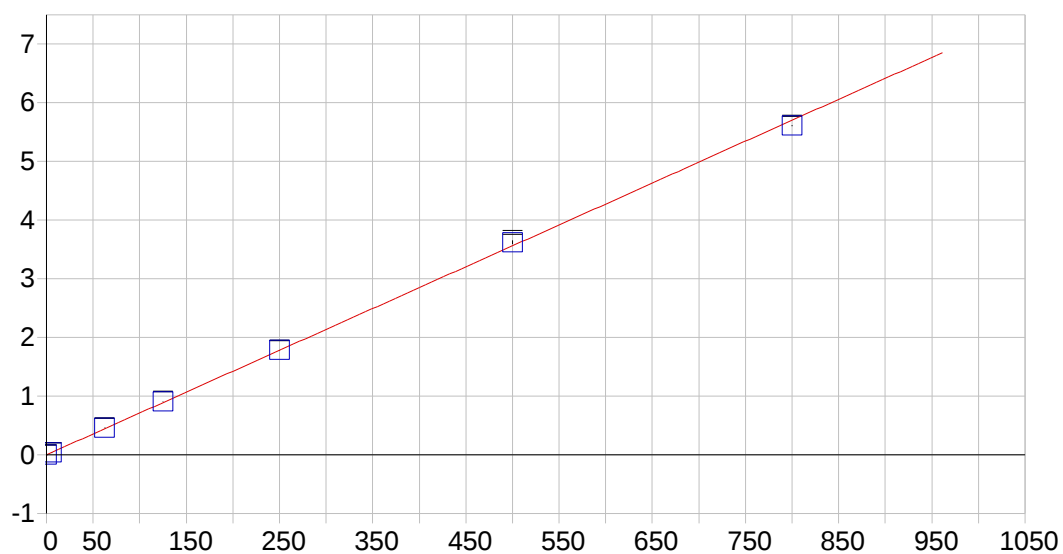
Status: OK.

Std Error of Est: 0.000365

Predicted MDL: 0.000429

Predicted MQL: 0.001430

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	-.00005	.000	1
S1	.01500	.01634	.001	8.95	.00519	.000	1
S2	3.7500	4.0597	.310	8.26	1.3002	.006	1
S3	7.5000	7.8940	.394	5.25	2.5283	.011	1
S4	15.000	14.821	-.179	-1.19	4.7469	.030	1
S5	30.000	29.474	-.526	-1.75	9.4401	.081	1



Mg 279.079 {121}

Date of Fit: 1/22/2018 17:40:48

Type of Fit: Linear

Weighting: 1/Conc

A0 (Offset): -0.000084

Re-Slope: 1.000000

A1 (Gain): 0.007128

Y-int: 0.000000

A2 (Curvature): 0.000000

n (Exponent): 1.000000

Correlation: 0.999870

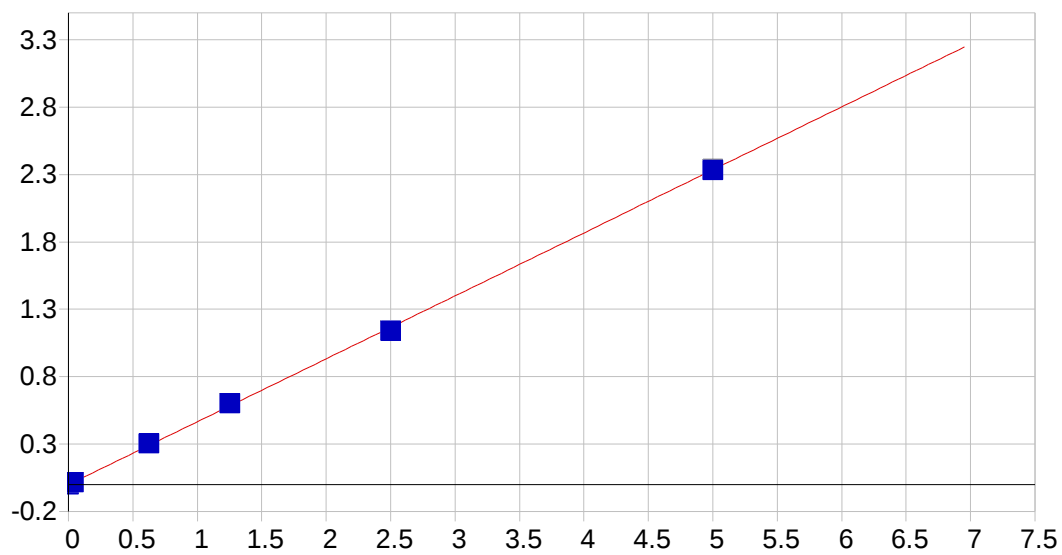
Status: OK.

Std Error of Est: 0.000401

Predicted MDL: 0.022331

Predicted MQL: 0.074437

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00015	.000	.000	-.00009	.000	1
S1	5.0000	4.8958	-.104	-2.08	.03481	.000	1
S2	62.500	64.288	1.79	2.86	.45814	.002	1
S3	125.00	127.58	2.58	2.06	.90926	.005	1
S4	250.00	250.35	.353	.141	1.7844	.007	1
S5	500.00	508.30	8.30	1.66	3.6229	.029	1
S6	800.00	787.08	-12.9	-1.61	5.6100	.008	1

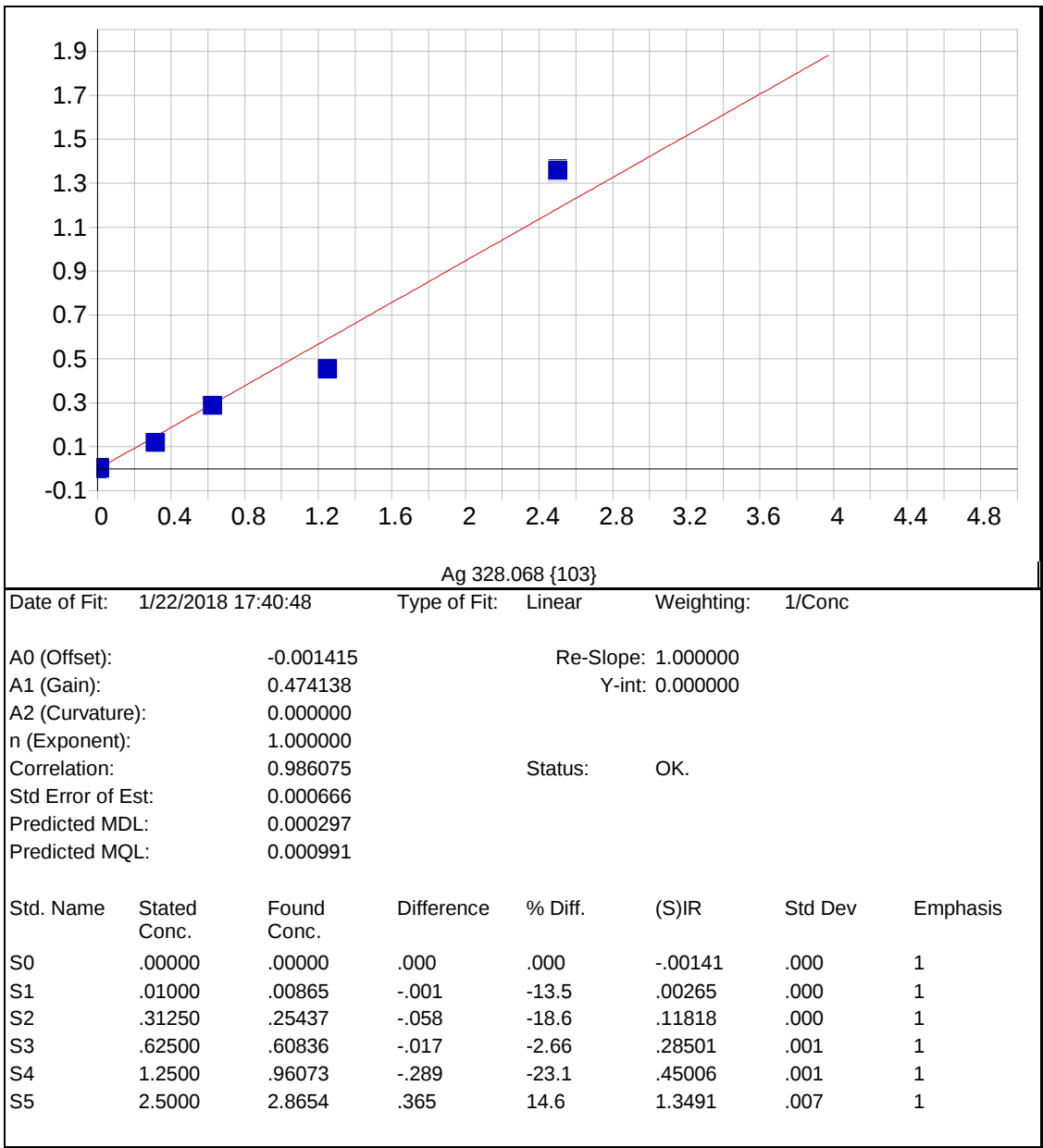


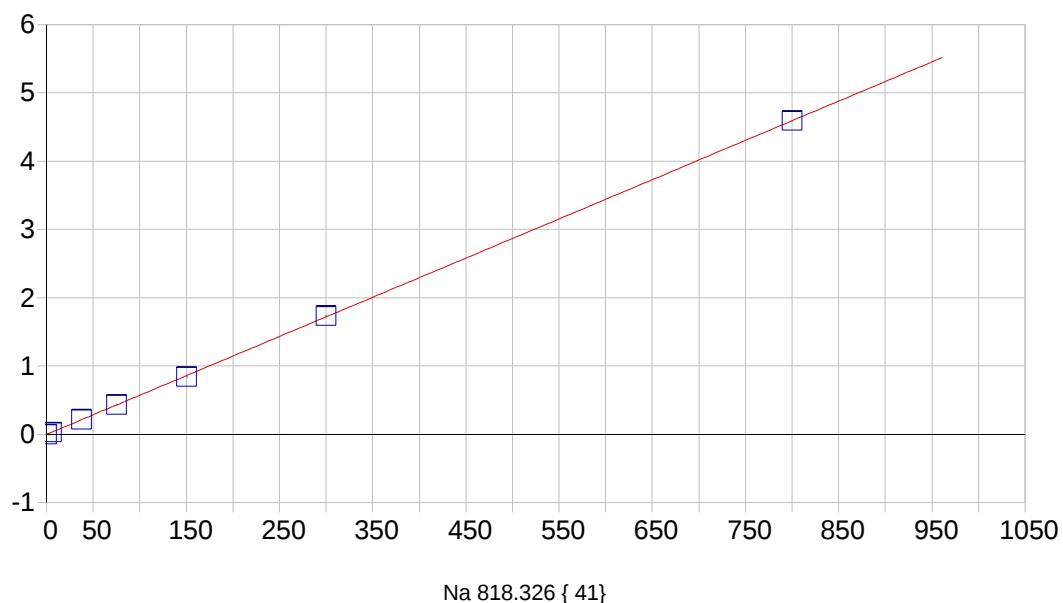
Ni 231.604 {446}

Date of Fit: 1/22/2018 17:40:48 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.000865 Re-Slope: 1.000000
 A1 (Gain): 0.467062 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999802 Status: OK.
 Std Error of Est: 0.000221
 Predicted MDL: 0.000404
 Predicted MQL: 0.001347

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	-.00086	.000	1
S1	.04000	.03787	-.002	-5.34	.01683	.000	1
S2	.62500	.65111	.026	4.18	.30384	.000	1
S3	1.2500	1.2887	.039	3.10	.60224	.001	1
S4	2.5000	2.4422	-.058	-2.31	1.1422	.002	1
S5	5.0000	4.9951	-.005	-.098	2.3370	.002	1





Date of Fit: 1/22/2018 17:40:48

Type of Fit: Linear

Weighting: 1/Conc

A0 (Offset): -0.003234

Re-Slope: 1.000000

A1 (Gain): 0.005743

Y-int: 0.000000

A2 (Curvature): 0.000000

n (Exponent): 1.000000

Correlation: 0.999956

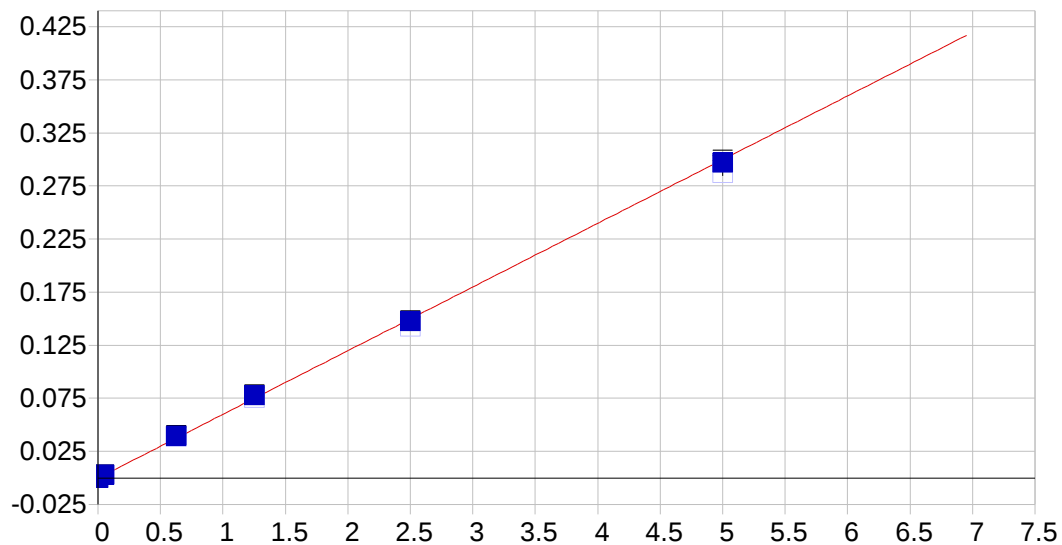
Status: OK.

Std Error of Est: 0.000167

Predicted MDL: 0.157163

Predicted MQL: 0.523878

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00001	.000	.000	-.00323	.001	1
S1	5.0000	4.9339	-.066	-1.32	.02510	.001	1
S2	37.500	38.228	.728	1.94	.21633	.001	1
S3	75.000	75.877	.877	1.17	.43256	.001	1
S4	150.00	146.56	-3.44	-2.29	.83855	.000	1
S5	300.00	302.21	2.21	.738	1.7325	.008	1
S6	800.00	799.68	-.317	-.040	4.5897	.007	1

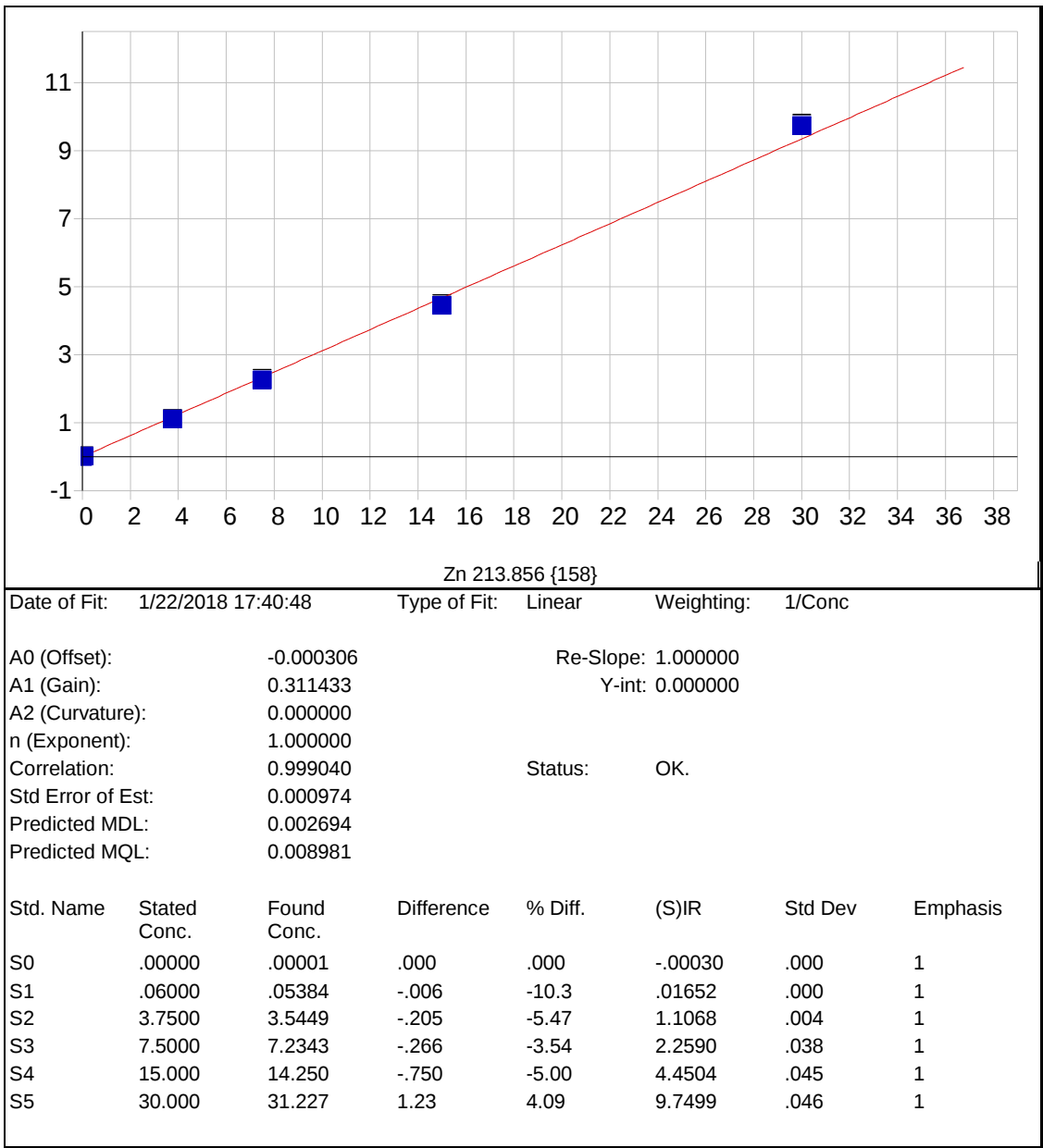


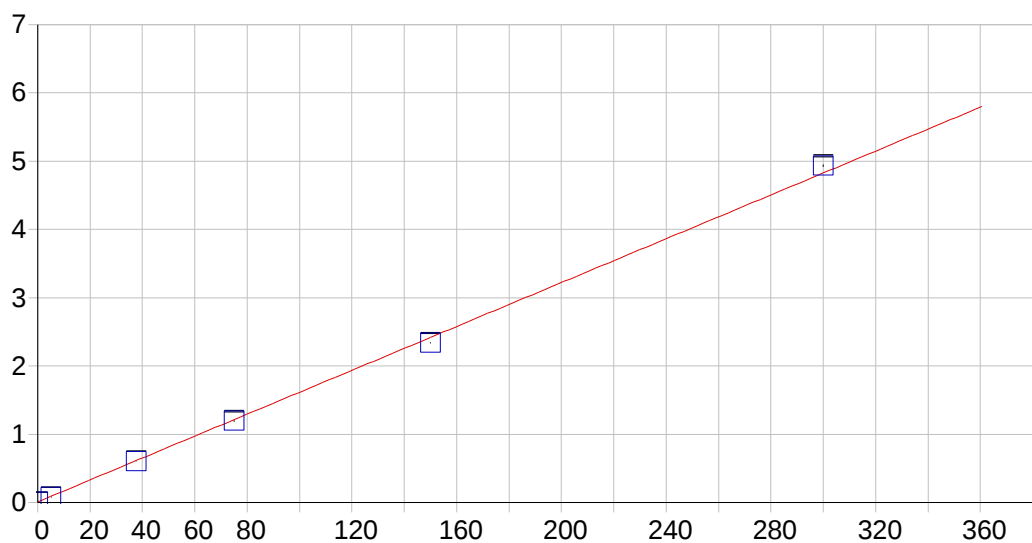
V 292.402 {115}

Date of Fit: 1/22/2018 17:40:48 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.000128 Re-Slope: 1.000000
 A1 (Gain): 0.059989 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999698 Status: OK.
 Std Error of Est: 0.000038
 Predicted MDL: 0.002630
 Predicted MQL: 0.008765

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00001	.000	.000	-.00013	.000	1
S1	.05000	.05199	.002	3.99	.00299	.000	1
S2	.62500	.66118	.036	5.79	.03830	.000	1
S3	1.2500	1.3005	.050	4.04	.07541	.000	1
S4	2.5000	2.4595	-.041	-1.62	.14247	.001	1
S5	5.0000	4.9518	-.048	-.964	.28703	.002	1



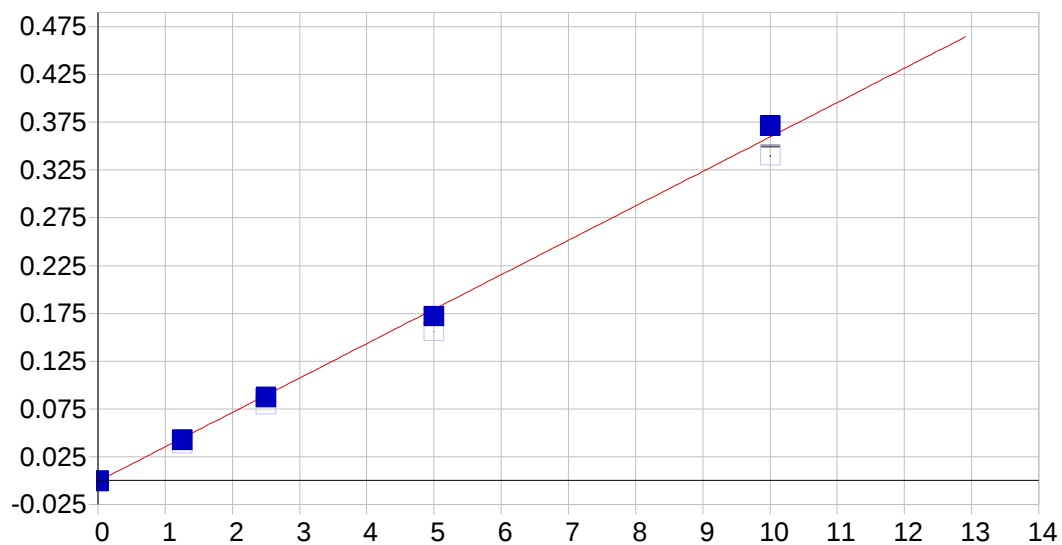


K 769.896 { 44}

Date of Fit: 1/22/2018 17:40:48 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset):	0.009276	Re-Slope: 1.000000
A1 (Gain):	0.016060	Y-int: 0.000000
A2 (Curvature):	0.000000	
n (Exponent):	1.000000	
Correlation:	0.999674	Status: OK.
Std Error of Est:	0.000846	
Predicted MDL:	0.048050	
Predicted MQL:	0.160168	

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00057	.001	.000	.00929	.001	1
S1	5.0000	4.6096	-.390	-7.81	.08331	.000	1
S2	37.500	37.042	-.458	-1.22	.60416	.004	1
S3	75.000	73.923	-1.08	-1.44	1.1965	.011	1
S4	150.00	145.07	-4.93	-3.29	2.3391	.007	1
S5	300.00	306.85	6.85	2.28	4.9373	.016	1



P 177.495 {490}

Date of Fit: 1/22/2018 17:40:48

Type of Fit: Linear

Weighting: 1/Conc

A0 (Offset): -0.000747

Re-Slope: 1.000000

A1 (Gain): 0.036033

Y-int: 0.000000

A2 (Curvature): 0.000000

n (Exponent): 1.000000

Correlation: 0.999279

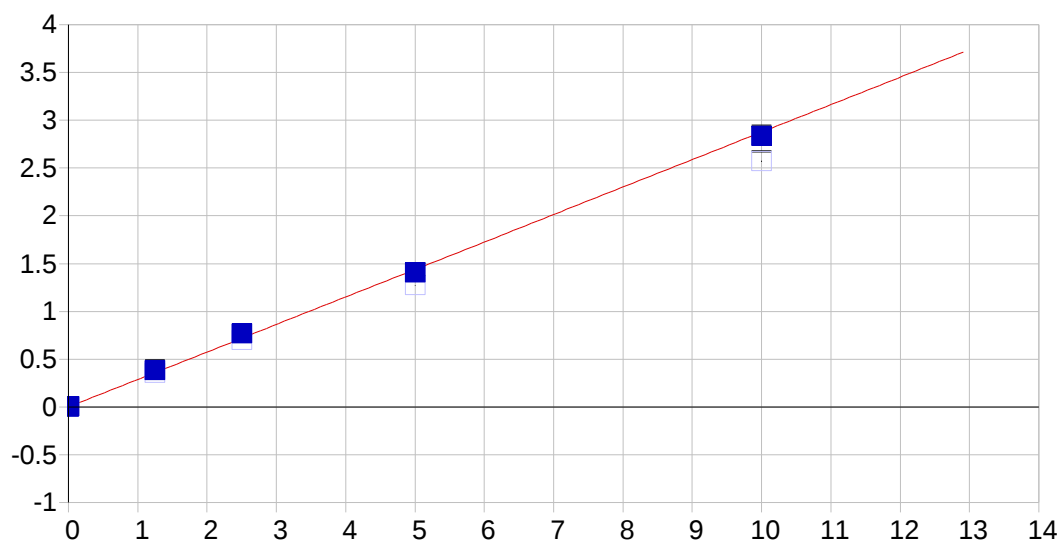
Status: OK.

Std Error of Est: 0.000021

Predicted MDL: 0.002384

Predicted MQL: 0.007947

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	-.00075	.000	1
S1	.01000	.01079	.001	7.89	-.00038	.000	1
S2	1.2500	1.1985	-.052	-4.12	.03855	.000	1
S3	2.5000	2.4412	-.059	-2.35	.07945	.001	1
S4	5.0000	4.7898	-.210	-4.20	.15631	.000	1
S5	10.000	10.320	.320	3.20	.34003	.001	1

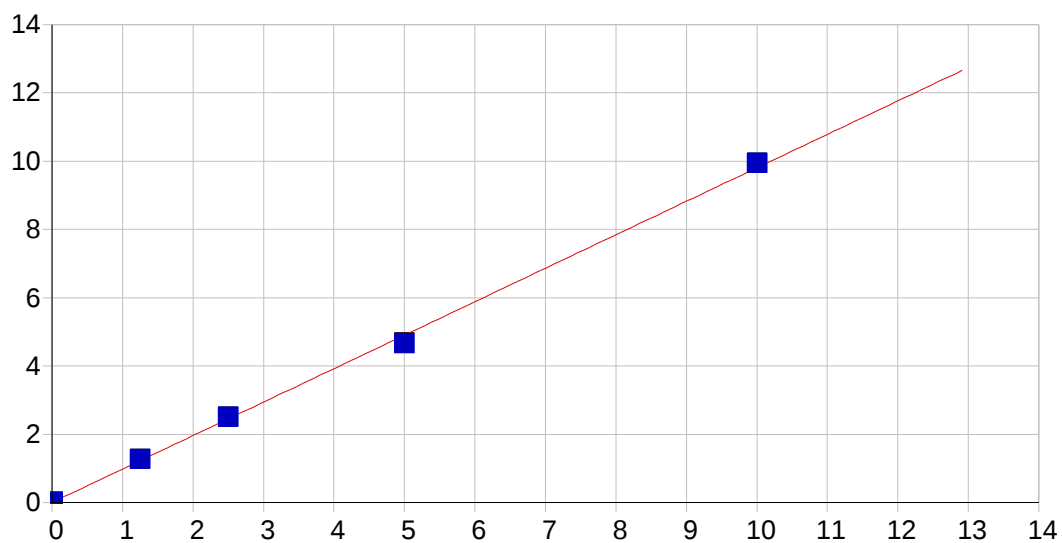


B 249.678 {135}

Date of Fit: 1/22/2018 17:40:48 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.000005 Re-Slope: 1.000000
 A1 (Gain): 0.287608 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999277 Status: OK.
 Std Error of Est: 0.000167
 Predicted MDL: 0.000865
 Predicted MQL: 0.002884

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	.00000	.000	1
S1	.01000	.01002	.000	.195	.00282	.000	1
S2	1.2500	1.3403	.090	7.23	.35238	.003	1
S3	2.5000	2.6664	.166	6.66	.70066	.002	1
S4	5.0000	4.8787	-.121	-2.43	1.2707	.004	1
S5	10.000	9.8645	-.136	-1.36	2.5722	.006	1

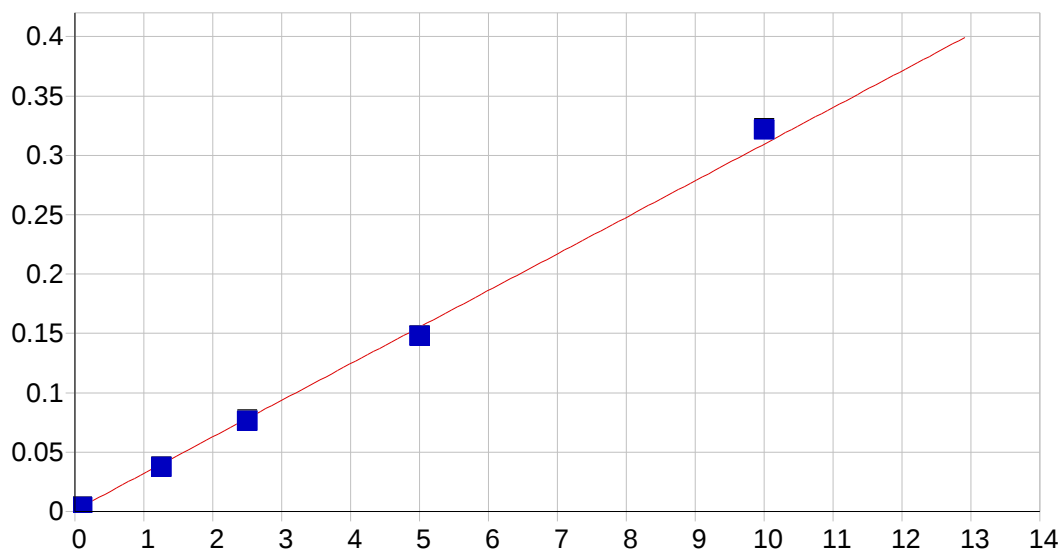


Mo 202.030 {467}

Date of Fit: 1/22/2018 17:40:48 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.000201 Re-Slope: 1.000000
 A1 (Gain): 0.980465 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999572 Status: OK.
 Std Error of Est: 0.000481
 Predicted MDL: 0.000235
 Predicted MQL: 0.000784

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	.00020	.000	1
S1	.01000	.00983	.000	-1.75	.00983	.000	1
S2	1.2500	1.2894	.039	3.15	1.2644	.003	1
S3	2.5000	2.5586	.059	2.35	2.5088	.006	1
S4	5.0000	4.7606	-.239	-4.79	4.6676	.016	1
S5	10.000	10.142	.142	1.42	9.9432	.010	1



S 182.034 {485}

Date of Fit: 1/22/2018 17:40:48

Type of Fit: Linear

Weighting: 1/Conc

A0 (Offset): 0.001182

Re-Slope: 1.000000

A1 (Gain): 0.030825

Y-int: 0.000000

A2 (Curvature): 0.000000

n (Exponent): 1.000000

Correlation: 0.999015

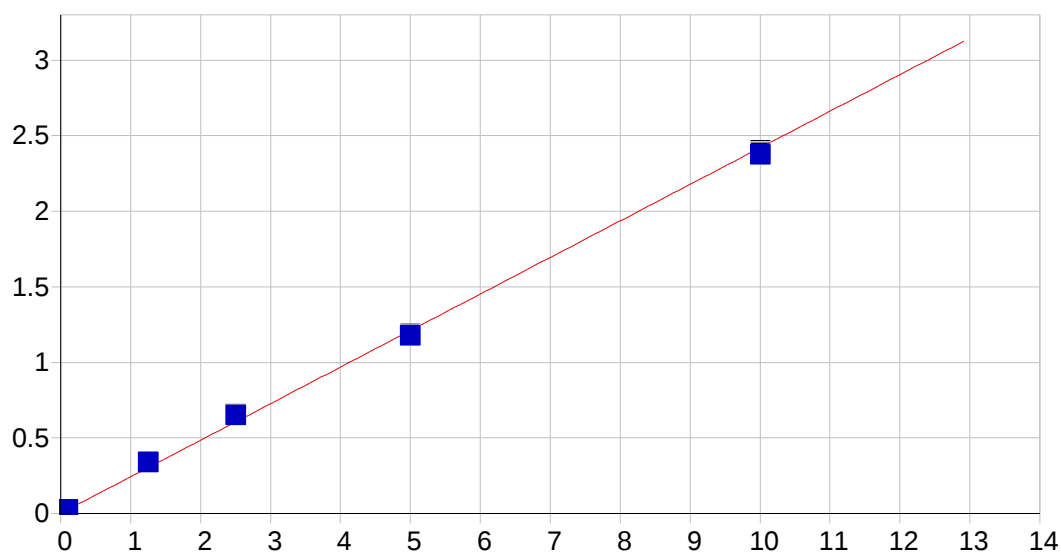
Status: OK.

Std Error of Est: 0.000073

Predicted MDL: 0.003338

Predicted MQL: 0.011126

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00003	.000	.000	.00118	.000	1
S1	.10000	.08130	-.019	-18.7	.00369	.000	1
S2	1.2500	1.1752	-.075	-5.99	.03742	.000	1
S3	2.5000	2.4393	-.061	-2.43	.07640	.001	1
S4	5.0000	4.7562	-.244	-4.88	.14785	.000	1
S5	10.000	10.398	.398	3.98	.32181	.001	1

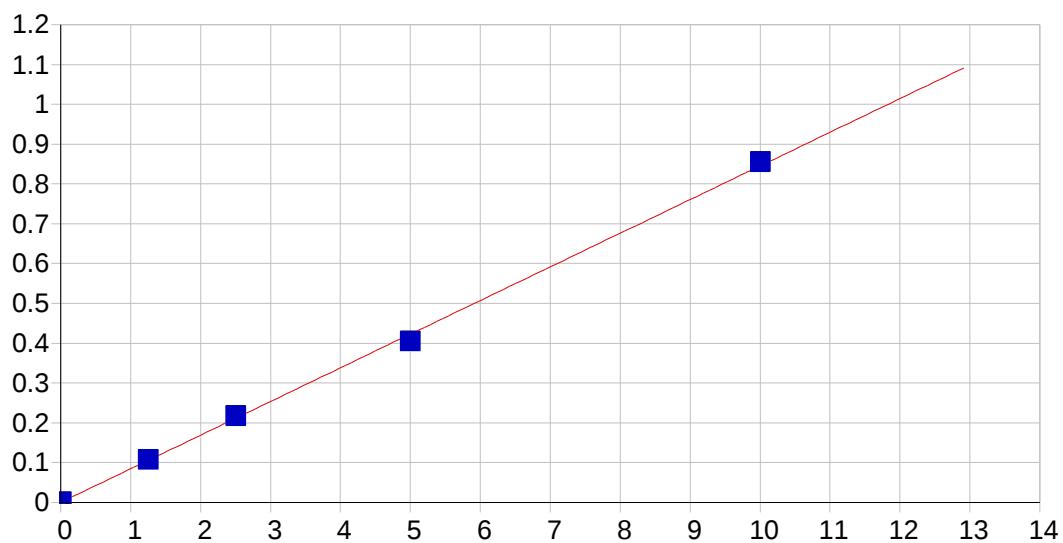


Si 251.611 {134}

Date of Fit: 1/22/2018 17:40:48 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.001143 Re-Slope: 1.000000
 A1 (Gain): 0.241930 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999033 Status: OK.
 Std Error of Est: 0.000570
 Predicted MDL: 0.001037
 Predicted MQL: 0.003458

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00001	.000	.000	.00114	.000	1
S1	.10000	.09942	-.001	-.576	.02528	.000	1
S2	1.2500	1.3930	.143	11.4	.34064	.002	1
S3	2.5000	2.6832	.183	7.33	.65524	.002	1
S4	5.0000	4.8629	-.137	-2.74	1.1875	.001	1
S5	10.000	9.8115	-.189	-1.89	2.3947	.010	1

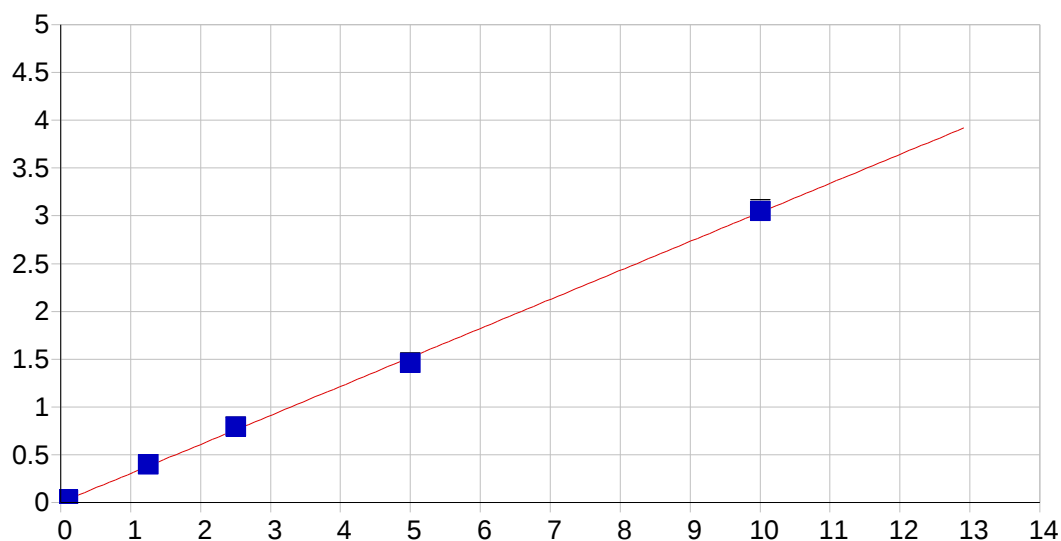


Sn 189.989 {478}

Date of Fit: 1/22/2018 17:40:48 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.000127 Re-Slope: 1.000000
 A1 (Gain): 0.084518 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999676 Status: OK.
 Std Error of Est: 0.000030
 Predicted MDL: 0.001102
 Predicted MQL: 0.003674

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	.00013	.000	1
S1	.00700	.00722	.000	3.14	.00071	.000	1
S2	1.2500	1.2651	.015	1.21	.10682	.001	1
S3	2.5000	2.5680	.068	2.72	.21670	.000	1
S4	5.0000	4.7933	-.207	-4.13	.40431	.000	1
S5	10.000	10.123	.123	1.23	.85386	.000	1



Ti 336.121 {100}

Date of Fit: 1/22/2018 17:40:48

Type of Fit: Linear

Weighting: 1/Conc

A0 (Offset): 0.000319

Re-Slope: 1.000000

A1 (Gain): 0.303520

Y-int: 0.000000

A2 (Curvature): 0.000000

n (Exponent): 1.000000

Correlation: 0.999619

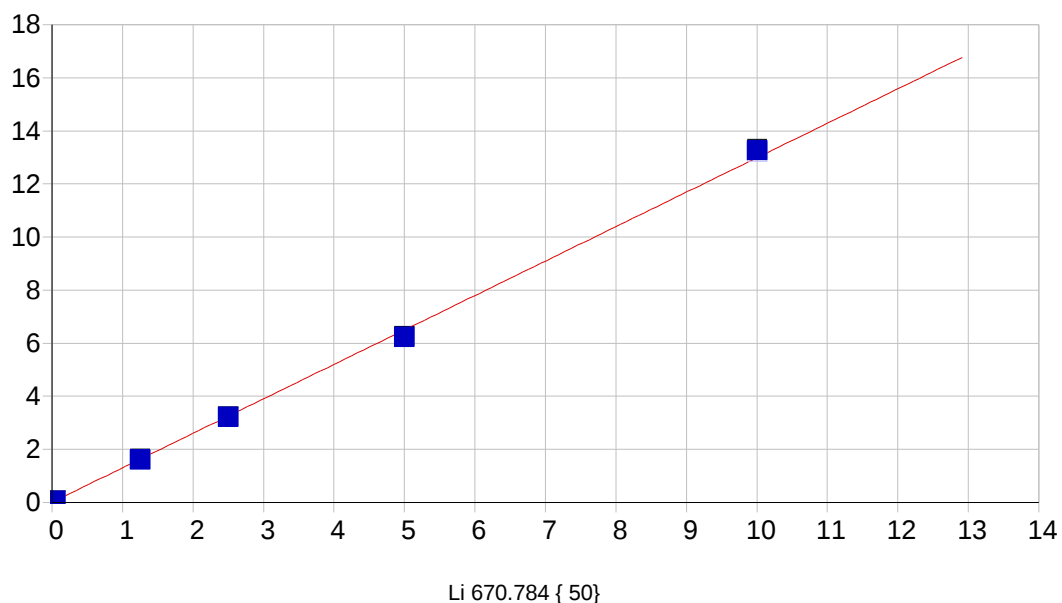
Status: OK.

Std Error of Est: 0.000445

Predicted MDL: 0.000863

Predicted MQL: 0.002876

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	.00032	.000	1
S1	.10000	.09585	-.004	-4.15	.02940	.000	1
S2	1.2500	1.3031	.053	4.25	.39571	.002	1
S3	2.5000	2.6014	.101	4.06	.78961	.003	1
S4	5.0000	4.8050	-.195	-3.90	1.4582	.007	1
S5	10.000	10.045	.045	.446	3.0479	.019	1



Date of Fit: 1/22/2018 17:40:48

Type of Fit: Linear

Weighting: 1/Conc

A0 (Offset): 0.010340

Re-Slope: 1.000000

A1 (Gain): 1.297758

Y-int: 0.000000

A2 (Curvature): 0.000000

n (Exponent): 1.000000

Correlation: 0.999656

Status: OK.

Std Error of Est: 0.001271

Predicted MDL: 0.000730

Predicted MQL: 0.002434

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00001	.000	.000	.01035	.000	1
S5	10.000	10.223	.223	2.23	13.205	.022	1
S4	5.0000	4.8085	-.191	-3.83	6.2141	.016	1
S3	2.5000	2.4824	-.018	-.702	3.2137	.003	1
S2	1.2500	1.2395	-.011	-.844	1.6097	.018	1
S1	.05000	.04629	-.004	-7.43	.07028	.001	1



Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
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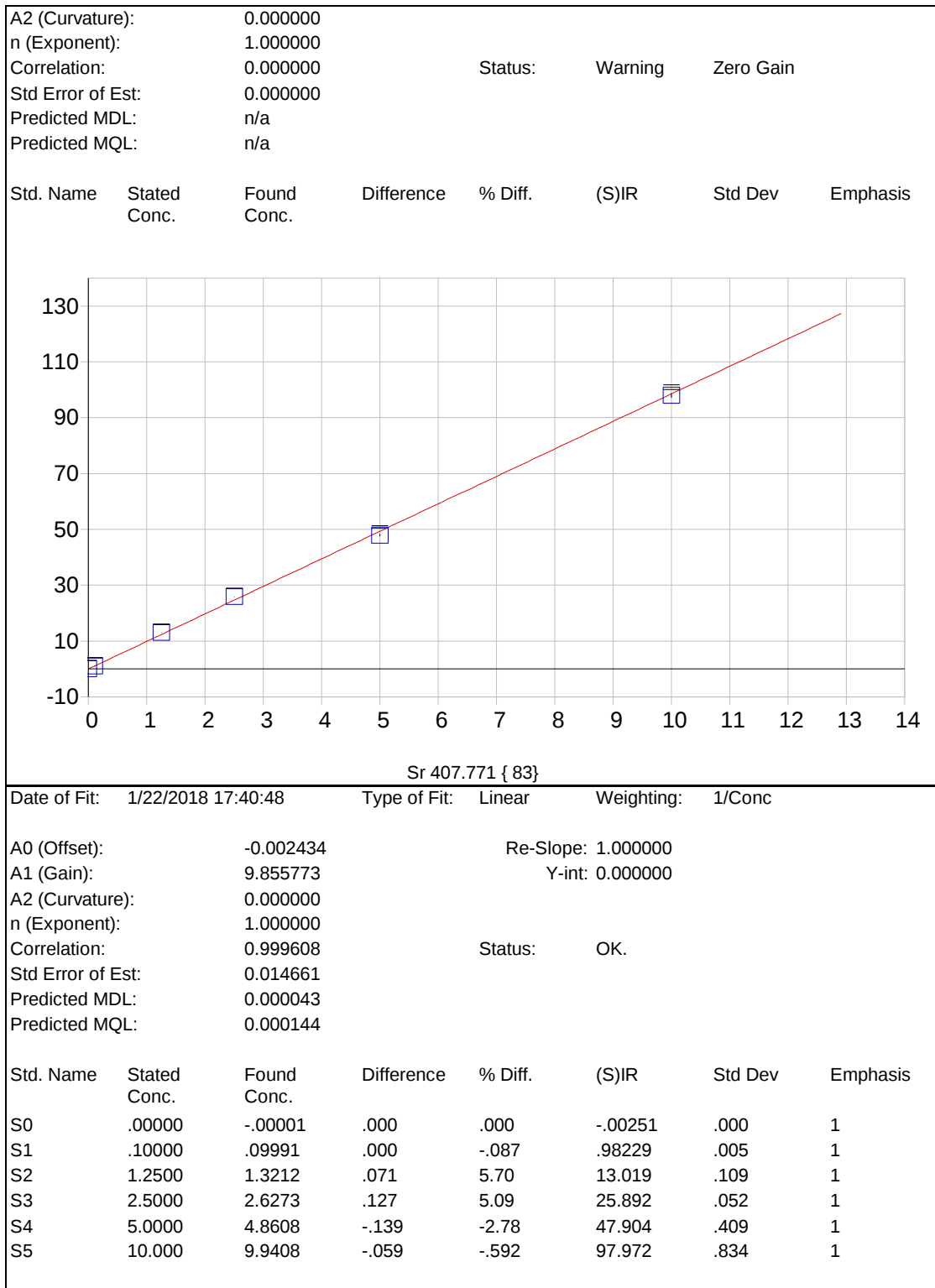


A0 (Offset):	0.000000	Re-Slope: 1.000000
A1 (Gain):	0.000000	Y-int: 0.000000
A2 (Curvature):	0.000000	
n (Exponent):	1.000000	
Correlation:	0.000000	Status: Warning Zero Gain
Std Error of Est:	0.000000	
Predicted MDL:	n/a	
Predicted MQL:	n/a	

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
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A0 (Offset):	0.000000	Re-Slope: 1.000000
A1 (Gain):	0.000000	Y-int: 0.000000



Sample Name: S0 Acquired: 1/22/2018 11:32:16 Type: Cal
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v395) Mode: IR Corr. Factor: 1.000000
User: JASWAL Custom ID1: S00 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	-.00006	-.00021	-.00030	.00036	.00003	-.00032	-.02035	-.00096
Stddev	.00005	.00007	.00009	.00020	.00007	.00027	.00112	.00012
%RSD	89.980	32.081	31.513	56.228	225.01	84.933	5.5058	12.344

#1	-.00008	-.00022	-.00021	.00018	-.00004	-.00021	-.02153	-.00083
#2	.00000	-.00014	-.00040	.00058	.00009	-.00013	-.02021	-.00105
#3	-.00011	-.00028	-.00028	.00032	.00003	-.00063	-.01931	-.00101

Elem	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598	Mn2576	Mg2790
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	-.00021	.00136	-.00004	-.00019	.00070	.00002	-.00005	-.00009
Stddev	.00008	.00041	.00003	.00004	.00011	.00011	.00008	.00004
%RSD	40.300	29.889	74.196	21.340	15.945	503.18	167.10	52.128

#1	-.00016	.00092	-.00004	-.00023	.00080	-.00002	-.00012	-.00007
#2	-.00015	.00142	-.00001	-.00018	.00072	.00015	-.00007	-.00005
#3	-.00030	.00173	-.00008	-.00015	.00058	-.00006	.00004	-.00014

Elem	Ni2316	Ag3280	Na8183	V_ 2924	Zn2138	K_ 7698	P_ 1774	B_ 2496
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	-.00086	-.00141	-.00323	-.00013	-.00030	.00929	-.00075	.00000
Stddev	.00014	.00003	.00083	.00023	.00041	.00074	.00001	.00015
%RSD	16.044	2.1148	25.793	176.09	136.01	8.0227	1.8874	3234.9

#1	-.00075	-.00145	-.00316	-.00034	.00004	.00847	-.00076	-.00012
#2	-.00082	-.00140	-.00410	.00011	-.00076	.00993	-.00075	.00017
#3	-.00102	-.00139	-.00244	-.00016	-.00018	.00946	-.00073	-.00003

Elem	Mo2020	S_ 1820	Si2516	Sn1899	Ti3361	Li6707	Sr4077	
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	
Avg	.00020	.00118	.00114	.00013	.00032	.01035	-.00251	
Stddev	.00015	.00007	.00011	.00002	.00015	.00045	.00016	
%RSD	73.594	5.8949	9.5734	12.482	47.148	4.3469	6.1994	

#1	.00016	.00126	.00113	.00013	.00031	.01022	-.00267	
#2	.00008	.00116	.00125	.00011	.00017	.00998	-.00249	
#3	.00036	.00113	.00104	.00014	.00047	.01085	-.00236	

Sample Name: S0 Acquired: 1/22/2018 11:32:16 Type: Cal
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v395) Mode: IR Corr. Factor: 1.000000
User: JASWAL Custom ID1: S00 Custom ID2: Custom ID3:
Comment:

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1088.1	2352.9	35471.	10260.	3715.8
Stddev	6.2	13.0	6.	55.	14.7
%RSD	.57008	.55116	.01753	.53508	.39554
#1	1093.4	2346.8	35477.	10290.	3709.9
#2	1081.3	2344.1	35465.	10196.	3705.0
#3	1089.7	2367.8	35469.	10293.	3732.6

Sample Name: S1 Acquired: 1/22/2018 11:36:27 Type: Cal
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v395) Mode: IR Corr. Factor: 1.000000
User: JASWAL Custom ID1: S01 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	.00046	.00126	.00153	.00296	.00899	.01418	.57025	.01151
Stddev	.00000	.00010	.00039	.00024	.00029	.00002	.00457	.00016
%RSD	1.0361	8.0886	25.340	7.9839	3.2491	.17488	.80150	1.3531

#1	.00047	.00132	.00141	.00275	.00883	.01419	.57470	.01153
#2	.00046	.00132	.00122	.00322	.00881	.01420	.57048	.01165
#3	.00046	.00114	.00196	.00290	.00933	.01415	.56557	.01134

Elem	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598	Mn2576	Mg2790
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	.01052	.19265	.00128	.03779	.00362	.00246	.00519	.03481
Stddev	.00013	.00091	.00007	.00017	.00008	.00019	.00004	.00025
%RSD	1.2140	.47316	5.3001	.44145	2.2505	7.7461	.78934	.71989

#1	.01049	.19304	.00126	.03783	.00371	.00267	.00522	.03453
#2	.01041	.19330	.00135	.03760	.00360	.00239	.00520	.03502
#3	.01066	.19161	.00122	.03793	.00356	.00231	.00514	.03488

Elem	Ni2316	Ag3280	Na8183	V_ 2924	Zn2138	K_ 7698	P_ 1774	B_ 2496
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	.01683	.00265	.02510	.00299	.01652	.08331	-.00038	.00282
Stddev	.00033	.00016	.00134	.00015	.00050	.00023	.00005	.00016
%RSD	1.9610	5.8903	5.3303	5.1281	3.0011	.27984	12.900	5.8318

#1	.01683	.00250	.02482	.00284	.01633	.08328	-.00038	.00291
#2	.01650	.00264	.02656	.00314	.01709	.08309	-.00033	.00263
#3	.01716	.00281	.02393	.00298	.01615	.08355	-.00043	.00291

Elem	Mo2020	S_ 1820	Si2516	Sn1899	Ti3361	Li6707	Sr4077	
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	
Avg	.00983	.00369	.02528	.00071	.02940	.07028	.98229	
Stddev	.00036	.00014	.00020	.00003	.00015	.00053	.00519	
%RSD	3.6840	3.7004	.80810	4.3867	.49741	.75971	.52856	

#1	.00981	.00373	.02525	.00071	.02933	.07049	.98716	
#2	.00948	.00380	.02510	.00075	.02957	.07068	.98287	
#3	.01020	.00353	.02550	.00068	.02931	.06967	.97683	

Sample Name: S1 Acquired: 1/22/2018 11:36:27 Type: Cal
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v395) Mode: IR Corr. Factor: 1.000000
User: JASWAL Custom ID1: S01 Custom ID2: Custom ID3:
Comment:

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1097.5	2359.2	35563.	10398.	3642.2
Stddev	11.6	15.0	34.	30.	16.5
%RSD	1.0608	.63653	.09694	.28854	.45177
#1	1108.8	2344.4	35590.	10408.	3628.2
#2	1085.6	2359.0	35524.	10364.	3638.0
#3	1098.2	2374.4	35575.	10421.	3660.3

Sample Name: S2 Acquired: 1/22/2018 11:40:36 Type: Cal
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v395) Mode: IR Corr. Factor: 1.000000
User: JASWAL Custom ID1: S02 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	.06151	.07369	1.1400	.10180	.20078	2.8351	7.7030	.30632
Stddev	.00031	.00026	.0023	.00072	.00063	.0154	.0507	.00159
%RSD	.49703	.34793	.20002	.70681	.31465	.54467	.65856	.52007

#1	.06118	.07392	1.1396	.10254	.20042	2.8434	7.7412	.30816
#2	.06157	.07373	1.1425	.10176	.20151	2.8173	7.6455	.30555
#3	.06179	.07341	1.1380	.10111	.20042	2.8445	7.7225	.30527

Elem	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598	Mn2576	Mg2790
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1.4409	2.4658	.51893	.53179	.46094	.84984	1.3002	.45814
Stddev	.0036	.0097	.00148	.00203	.00456	.00551	.0056	.00224
%RSD	.24777	.39519	.28480	.38176	.98823	.64823	.43449	.48914

#1	1.4387	2.4769	.51761	.53144	.46306	.85513	1.3059	.45862
#2	1.4450	2.4585	.51864	.53397	.45571	.84413	1.2946	.45570
#3	1.4389	2.4620	.52052	.52996	.46405	.85025	1.3001	.46010

Elem	Ni2316	Ag3280	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	.30384	.11818	.21633	.03830	1.1068	.60416	.03855	.35238
Stddev	.00024	.00042	.00145	.00040	.0041	.00368	.00022	.00301
%RSD	.08004	.35260	.66894	1.0570	.36856	.60925	.57629	.85316

#1	.30368	.11862	.21671	.03875	1.1115	.60625	.03849	.35580
#2	.30412	.11779	.21472	.03819	1.1041	.59991	.03880	.35015
#3	.30373	.11813	.21754	.03796	1.1049	.60633	.03837	.35120

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707	Sr4077	
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	
Avg	1.2644	.03742	.34064	.10682	.39571	1.6097	13.019	
Stddev	.0034	.00013	.00165	.00054	.00240	.0178	.109	
%RSD	.26839	.34510	.48467	.50517	.60732	1.1070	.83491	

#1	1.2611	.03736	.34248	.10677	.39655	1.6165	13.087	
#2	1.2678	.03733	.33928	.10738	.39300	1.5895	12.894	
#3	1.2642	.03757	.34017	.10631	.39758	1.6232	13.077	

Sample Name: S2 Acquired: 1/22/2018 11:40:36 Type: Cal
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v395) Mode: IR Corr. Factor: 1.000000
 User: JASWAL Custom ID1: S02 Custom ID2: Custom ID3:
 Comment:

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1023.2	2195.6	33289.	10269.	3117.7
Stddev	5.1	5.2	59.	62.	8.4
%RSD	.49870	.23812	.17670	.60064	.26944
#1	1018.7	2191.8	33221.	10198.	3113.2
#2	1022.1	2193.5	33328.	10305.	3112.6
#3	1028.7	2201.6	33318.	10305.	3127.4

Sample Name: S3 Acquired: 1/22/2018 11:44:30 Type: Cal
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v395) Mode: IR Corr. Factor: 1.000000
User: JASWAL Custom ID1: S03 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	.12365	.14354	2.2747	.20242	.39980	5.6554	15.270	.60629
Stddev	.00100	.00085	.0049	.00081	.00045	.0254	.028	.00270
%RSD	.80602	.59324	.21464	.40251	.11140	.44955	.18209	.44466

#1	.12319	.14451	2.2802	.20150	.40026	5.6404	15.260	.60340
#2	.12479	.14318	2.2708	.20275	.39976	5.6411	15.248	.60673
#3	.12296	.14292	2.2732	.20303	.39937	5.6848	15.301	.60874

Elem	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598	Mn2576	Mg2790
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2.8811	4.7863	1.0101	1.0608	.91502	1.6476	2.5283	.90926
Stddev	.0094	.0321	.0026	.0020	.00104	.0075	.0114	.00483
%RSD	.32717	.67100	.25859	.18843	.11349	.45253	.45019	.53085

#1	2.8902	4.7557	1.0075	1.0630	.91472	1.6402	2.5178	.90540
#2	2.8714	4.7836	1.0100	1.0592	.91617	1.6475	2.5267	.90772
#3	2.8818	4.8197	1.0127	1.0601	.91416	1.6551	2.5404	.91467

Elem	Ni2316	Ag3280	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	.60224	.28501	.43256	.07541	2.2590	1.1965	.07945	.70066
Stddev	.00102	.00131	.00100	.00039	.0376	.0114	.00052	.00173
%RSD	.17018	.46035	.23204	.51467	1.6653	.95170	.65988	.24729

#1	.60307	.28609	.43146	.07547	2.2871	1.2009	.07967	.69906
#2	.60109	.28539	.43279	.07500	2.2736	1.1835	.07983	.70042
#3	.60255	.28355	.43343	.07577	2.2163	1.2050	.07885	.70250

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707	Sr4077	
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	
Avg	2.5088	.07640	.65524	.21670	.78961	3.2137	25.892	
Stddev	.0061	.00066	.00192	.00040	.00283	.0034	.052	
%RSD	.24263	.86082	.29308	.18275	.35855	.10628	.19907	

#1	2.5018	.07669	.65303	.21716	.78635	3.2122	25.887	
#2	2.5133	.07686	.65650	.21643	.79110	3.2176	25.945	
#3	2.5111	.07565	.65618	.21652	.79138	3.2113	25.842	

Sample Name: S3 Acquired: 1/22/2018 11:44:30 Type: Cal
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v395) Mode: IR Corr. Factor: 1.000000
User: JASWAL Custom ID1: S03 Custom ID2: Custom ID3:
Comment:

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	961.75	2088.5	31942.	10018.	2880.3
Stddev	13.98	4.4	198.	26.	4.2
%RSD	1.4532	.20918	.61968	.25900	.14523
#1	950.20	2093.2	31773.	10042.	2875.5
#2	957.76	2084.5	31892.	10022.	2882.0
#3	977.29	2088.0	32160.	9990.7	2883.3

Sample Name: S4 Acquired: 1/22/2018 11:48:22 Type: Cal
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v395) Mode: IR Corr. Factor: 1.000000
User: JASWAL Custom ID1: S04 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	.23930	.26209	4.2459	.38482	.77538	11.062	28.610	1.1454
Stddev	.00079	.00015	.0058	.00126	.00208	.030	.086	.0021
%RSD	.33011	.05579	.13619	.32789	.26767	.26818	.29979	.18516

#1	.24015	.26226	4.2504	.38627	.77709	11.029	28.689	1.1435
#2	.23917	.26199	4.2480	.38396	.77597	11.085	28.519	1.1449
#3	.23859	.26203	4.2394	.38422	.77307	11.073	28.622	1.1477

Elem	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598	Mn2576	Mg2790
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	5.4755	9.2894	1.8768	2.0191	1.7304	3.0969	4.7469	1.7844
Stddev	.0081	.0496	.0053	.0026	.0035	.0078	.0302	.0066
%RSD	.14762	.53352	.28079	.12763	.20029	.25082	.63555	.36807

#1	5.4846	9.2460	1.8788	2.0220	1.7306	3.0881	4.7213	1.7768
#2	5.4727	9.2788	1.8709	2.0179	1.7268	3.0999	4.7393	1.7875
#3	5.4691	9.3434	1.8808	2.0172	1.7337	3.1028	4.7801	1.7888

Elem	Ni2316	Ag3280	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1.1422	.45006	.83855	.14247	4.4504	2.3391	.15631	1.2707
Stddev	.0020	.00109	.00047	.00064	.0451	.0071	.00020	.0045
%RSD	.17760	.24324	.05599	.44891	1.0135	.30397	.13050	.35153

#1	1.1443	.44886	.83875	.14175	4.4010	2.3318	.15633	1.2693
#2	1.1420	.45100	.83801	.14269	4.4607	2.3460	.15609	1.2757
#3	1.1403	.45032	.83889	.14297	4.4894	2.3395	.15650	1.2671

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707	Sr4077	
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	
Avg	4.6676	.14785	1.1875	.40431	1.4582	6.2141	47.904	
Stddev	.0156	.00025	.0012	.00049	.0071	.0159	.409	
%RSD	.33469	.16724	.09669	.12183	.48932	.25629	.85281	

#1	4.6855	.14798	1.1869	.40467	1.4615	6.2311	47.587	
#2	4.6567	.14756	1.1889	.40451	1.4500	6.1996	47.760	
#3	4.6606	.14800	1.1869	.40375	1.4630	6.2117	48.365	

Sample Name: S4 Acquired: 1/22/2018 11:48:22 Type: Cal
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v395) Mode: IR Corr. Factor: 1.000000
User: JASWAL Custom ID1: S04 Custom ID2: Custom ID3:
Comment:

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	939.65	2037.3	31849.	10200.	2746.6
Stddev	1.48	3.0	15.	18.	2.1
%RSD	.15731	.14863	.04695	.17595	.07752
#1	941.19	2034.3	31866.	10212.	2747.6
#2	938.24	2037.3	31837.	10179.	2744.2
#3	939.52	2040.4	31845.	10208.	2748.1

Sample Name: S5 Acquired: 1/22/2018 11:52:28 Type: Cal
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v395) Mode: IR Corr. Factor: 1.000000
User: JASWAL Custom ID1: S05 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	.52662	.52778	8.9005	.83447	1.6983	23.150	59.086	2.3587
Stddev	.00195	.00098	.0042	.00037	.0025	.103	.106	.0081
%RSD	.37114	.18514	.04738	.04483	.14765	.44611	.17911	.34290

#1	.52740	.52815	8.9010	.83453	1.7005	23.060	59.170	2.3581
#2	.52806	.52667	8.8961	.83481	1.6989	23.127	59.122	2.3670
#3	.52439	.52851	8.9045	.83407	1.6956	23.263	58.967	2.3508

Elem	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598	Mn2576	Mg2790
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	11.249	18.478	3.7611	4.1711	3.6402	6.1051	9.4401	3.6229
Stddev	.006	.167	.0084	.0022	.0083	.0459	.0814	.0294
%RSD	.05716	.90625	.22433	.05305	.22787	.75218	.86235	.81039

#1	11.251	18.301	3.7709	4.1735	3.6316	6.0566	9.3587	3.5920
#2	11.242	18.501	3.7558	4.1691	3.6410	6.1107	9.4402	3.6262
#3	11.254	18.634	3.7567	4.1707	3.6481	6.1480	9.5215	3.6505

Elem	Ni2316	Ag3280	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2.3370	1.3491	1.7325	.28703	9.7499	4.9373	.34003	2.5722
Stddev	.0023	.0072	.0082	.00238	.0462	.0159	.00083	.0062
%RSD	.09675	.53177	.47095	.82828	.47403	.32108	.24404	.24086

#1	2.3396	1.3544	1.7260	.28483	9.7059	4.9239	.33913	2.5685
#2	2.3358	1.3520	1.7299	.28671	9.7981	4.9333	.34019	2.5794
#3	2.3355	1.3409	1.7417	.28956	9.7458	4.9548	.34076	2.5687

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707	Sr4077	
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	
Avg	9.9432	.32181	2.3947	.85386	3.0479	13.205	97.972	
Stddev	.0098	.00065	.0096	.00036	.0185	.022	.834	
%RSD	.09848	.20224	.40068	.04255	.60763	.16583	.85148	

#1	9.9533	.32117	2.3921	.85415	3.0277	13.219	97.300	
#2	9.9338	.32179	2.4053	.85398	3.0522	13.180	97.711	
#3	9.9424	.32247	2.3866	.85345	3.0640	13.216	98.906	

Sample Name: S5 Acquired: 1/22/2018 11:52:28 Type: Cal
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v395) Mode: IR Corr. Factor: 1.000000
User: JASWAL Custom ID1: S05 Custom ID2: Custom ID3:
Comment:

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	813.37	1781.1	29252.	9661.0	2385.0
Stddev	5.81	1.8	111.	48.9	3.7
%RSD	.71373	.10266	.38091	.50588	.15366
#1	814.25	1779.2	29221.	9716.1	2382.3
#2	807.18	1782.8	29159.	9622.8	2389.2
#3	818.69	1781.4	29376.	9644.0	2383.5

Sample Name: S6 Acquired: 1/22/2018 11:56:35 Type: Cal
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v395) Mode: IR Corr. Factor: 1.000000
 User: JASWAL Custom ID1: S06 Custom ID2: Custom ID3:
 Comment:

Elem	Al3961	Ca3736	Fe2598	Mg2790	Na8183
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	57.941	28.661	15.632	5.6100	4.5897
Stddev	.848	.102	.011	.0081	.0071
%RSD	1.4630	.35685	.07055	.14509	.15552

#1	58.920	28.758	15.645	5.6185	4.5954
#2	57.428	28.672	15.628	5.6092	4.5920
#3	57.476	28.554	15.625	5.6023	4.5817

Int. Std.	Y_3710
Units	Cts/S
Avg	9618.7
Stddev	23.5
%RSD	.24405

#1	9591.7
#2	9630.6
#3	9633.9

Sample Name: ICV01 Acquired: 1/22/2018 12:09:44 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v395) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: ICV01 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.9524390	F 1.149755	1.008372	.9895478	.9450784	2.462998
Stddev	.0055683	.006872	.003532	.0022913	.0019194	.017092
%RSD	.5846311	.5976809	.3502190	.2315513	.2030958	.6939602

#1	.9588678	1.145340	1.008824	.9903690	.9437010	2.482249
#2	.9493185	1.157672	1.004636	.9913153	.9472708	2.449605
#3	.9491309	1.146251	1.011655	.9869590	.9442633	2.457139

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.5244269	.5100697	.4879779	10.74943	.5336363	.4926482
Stddev	.0025089	.0025998	.0006606	.03654	.0007635	.0006073
%RSD	.4783985	.5097037	.1353740	.3399702	.1430832	.1232836

#1	.5270231	.5078172	.4886916	10.72186	.5327973	.4931291
#2	.5220156	.5094772	.4873880	10.73555	.5338209	.4928498
#3	.5242421	.5129146	.4878541	10.79088	.5342906	.4919657

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.5153484	5.421037	.5485800	5.966521	.5080308	F .2935781
Stddev	.0030430	.032431	.0038524	.081023	.0006740	.0010383
%RSD	.5904802	.5982460	.7022456	1.357957	.1326701	.3536566

#1	.5119179	5.418263	.5475029	5.960809	.5081148	.2947770
#2	.5164051	5.390083	.5453807	5.888505	.5086588	.2929825
#3	.5177222	5.454767	.5528562	6.050248	.5073187	.2929749

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	10.12500	.5301416	F .9012299	9.508593	F .5885967	F 1.506538
Stddev	.04390	.0007506	.0069807	.070885	.0087851	.014263
%RSD	.4335803	.1415827	.7745729	.7454857	1.492557	.9467635

#1	10.11182	.5309316	.8988885	9.588083	.5953603	1.522568
#2	10.08920	.5300556	.9090803	9.485753	.5917623	1.501797
#3	10.17398	.5294378	.8957209	9.451944	.5786674	1.495248

Sample Name: ICV01 Acquired: 1/22/2018 12:09:44 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v395) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: ICV01 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F 1.372139	.6124836	1.450164	F 1.282386	1.529696	1.178880
Stddev	.024744	.0088196	.011912	.024825	.011395	.018253
%RSD	1.803316	1.439976	.8214180	1.935824	.7449379	1.548323
#1	1.397298	.6222029	1.463543	1.308606	1.538898	1.196592
#2	1.371285	.6102579	1.446240	1.279308	1.533240	1.179918
#3	1.347833	.6049901	1.440709	1.259244	1.516950	1.160131

Elem	Sr4077
Units	ppm
Avg	1.207485
Stddev	.015003
%RSD	1.242483
#1	1.220673
#2	1.210619
#3	1.191162

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1069.651	2287.364	34680.43	10289.35	3451.009
Stddev	7.552	2.790	164.41	12.10	10.240
%RSD	.7060565	.1219576	.4740759	.1176369	.2967359
#1	1073.111	2284.170	34572.03	10289.20	3439.351
#2	1060.988	2288.602	34599.65	10277.32	3455.126
#3	1074.853	2289.321	34869.60	10301.53	3458.550

Sample Name: ICB01 Acquired: 1/22/2018 12:13:41 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v395) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: ICB01 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000441	.0009732	-.000639	-.000421	.0012418	-.001394	-.000372
Stddev	.001355	.0008308	.000814	.002732	.0011753	.002159	.000277
%RSD	307.2181	85.36494	127.3125	648.7361	94.64272	154.8967	74.48720

#1	-.001983	.0001771	-.000288	.002576	.0011526	-.000847	-.000484
#2	.000101	.0009077	-.000060	-.002771	.0001137	.000439	-.000576
#3	.000559	.0018348	-.001569	-.001069	.0024592	-.003773	-.000056

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0000080	-.000005	-.005387	-.000019	.0001128	-.001207	.0054994
Stddev	.0000801	.000034	.007848	.000205	.0001700	.001499	.0024534
%RSD	1008.165	649.6988	145.6971	1050.267	150.6967	124.2359	44.61226

#1	.0000803	.000034	.000468	.000097	.0001856	-.000524	.0030778
#2	-.000078	-.000022	-.014305	-.000256	.0002343	-.000170	.0079835
#3	.000022	-.000028	-.002324	.000100	-.000081	-.002925	.0054370

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0004314	.0084627	-.000280	.0000675	.0435847	.0011369	-.002577
Stddev	.0002632	.0248546	.000162	.0001251	.0243669	.0011396	.001229
%RSD	61.02407	293.6969	57.82021	185.4457	55.90708	100.2437	47.69022

#1	.0001345	-.009568	-.000099	.0001886	.0590180	.0023416	-.001263
#2	.0005232	-.001859	-.000330	-.000061	.0154939	.0009930	-.003699
#3	.0006364	.036815	-.000412	.000075	.0562423	.0000760	-.002770

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.001629	-.000918	.0073547	.0001063	-.001140	.0013758	.0000008
Stddev	.058774	.001492	.0009766	.0000899	.002109	.0005431	.0004251
%RSD	3606.975	162.5863	13.27934	84.57616	185.0718	39.48039	53681.19

#1	.054915	.000215	.0084369	.0001976	-.002289	.0012751	-.000487
#2	-.062405	-.002609	.0070883	.0001033	.001294	.0008900	.000198
#3	.002601	-.000359	.0065389	.0000179	-.002424	.0019622	.000291

Sample Name: ICB01 Acquired: 1/22/2018 12:13:41 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v395) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: ICB01 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	-.000377	.0031533	.0000125
Stddev	.000355	.0004159	.0000135
%RSD	94.19112	13.18785	108.1294

#1	-.000020	.0035911	.0000239
#2	-.000729	.0031053	.0000160
#3	-.000381	.0027635	-.000002

Int. Std.	Y_ 2243	Y_ 2243	Y_ 3600	Y_ 3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1125.903	2395.732	36553.04	10516.54	3774.689
Stddev	10.771	2.601	103.54	11.77	7.424
%RSD	.9566564	.1085781	.2832697	.1118941	.1966757

#1	1115.590	2392.868	36433.60	10504.98	3769.461
#2	1125.039	2396.382	36608.05	10528.50	3783.186
#3	1137.080	2397.947	36617.47	10516.15	3771.418

Sample Name: ICSA01 Acquired: 1/22/2018 12:17:52 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v395) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: ICSA01 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0089561	-.009779	-.000465	-.003242	.0027762	235.0585
Stddev	.0057260	.000807	.000913	.004458	.0033604	1.0645
%RSD	63.93394	8.254114	196.3383	137.5145	121.0412	.4528807

#1	.0092580	-.009722	-.001443	-.003540	.0026427	233.8539
#2	.0145252	-.009002	-.000317	.001358	.0062014	235.4488
#3	.0030852	-.010613	.000365	-.007543	-.000515	235.8728

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0056563	.0010320	.0012248	247.4382	F .0649436	.0007830
Stddev	.0002184	.0001327	.0000859	1.0530	.0004032	.0001551
%RSD	3.861757	12.85555	7.016576	.4255730	.6207834	19.80589

#1	.0058587	.0010087	.0011786	246.6135	.0653445	.0009258
#2	.0054247	.0009126	.0011720	247.0768	.0649481	.0006180
#3	.0056855	.0011748	.0013240	248.6243	.0645382	.0008052

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.003087	96.02482	.0124133	251.2687	.0051260	-.005509
Stddev	.000775	.33883	.0001014	1.0471	.0004687	.000310
%RSD	25.11225	.3528571	.8166827	.4167111	9.143795	5.621228

#1	-.003637	95.65081	.0123520	250.0700	.0049469	-.005811
#2	-.002200	96.11237	.0123575	251.7318	.0056579	-.005192
#3	-.003423	96.31128	.0125303	252.0044	.0047733	-.005525

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.3158060	.0018281	.0022426	-.067199	-.005291	F .0130102
Stddev	.0364320	.0010301	.0027741	.050145	.001550	.0022596
%RSD	11.53619	56.34589	123.6969	74.62087	29.29506	17.36771

#1	.3152795	.0027915	-.000658	-.058724	-.006731	.0136715
#2	.2796402	.0019505	.002515	-.021833	-.003651	.0148654
#3	.3524984	.0007423	.004870	-.121042	-.005490	.0104938

Sample Name: ICSA01 Acquired: 1/22/2018 12:17:52 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v395) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: ICSA01 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0020387	.0228085	.0017164	-.003505	.0000590	.0048620
Stddev	.0001792	.0039321	.0010622	.001262	.0003885	.0002559
%RSD	8.790324	17.23963	61.88507	36.01789	657.9597	5.262917

#1	.0018512	.0214716	.0009234	-.004366	.0005066	.0049715
#2	.0022082	.0197192	.0029233	-.004092	-.000190	.0050449
#3	.0020567	.0272348	.0013027	-.002056	-.000139	.0045696

Elem	Sr4077
Units	ppm
Avg	.0989118
Stddev	.0002147
%RSD	.2170377

#1	.0989606
#2	.0986769
#3	.0990978

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1012.470	2148.173	32382.40	10404.22	2898.416
Stddev	6.280	2.884	202.39	33.91	4.787
%RSD	.6202364	.1342608	.6249946	.3258936	.1651500

#1	1019.254	2144.847	32601.70	10431.02	2893.417
#2	1006.860	2149.993	32202.80	10415.53	2898.873
#3	1011.296	2149.677	32342.72	10366.10	2902.958

Sample Name: ICSAB01 Acquired: 1/22/2018 12:21:59 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v395) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: ICSAB01 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1016224	.0939957	.0478567	.0453414	.5728882	242.3101
Stddev	.0039523	.0038448	.0019625	.0043300	.0048415	1.1528
%RSD	3.889169	4.090410	4.100834	9.549724	.8451056	.4757670

#1	.1044394	.0975100	.0482696	.0483602	.5783791	243.4268
#2	.0971044	.0898891	.0457205	.0403804	.5710528	242.3793
#3	.1033234	.0945880	.0495799	.0472837	.5692328	241.1242

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.5131283	.5020427	1.005220	253.4135	.5783918	.5011379
Stddev	.0025741	.0045560	.001789	1.0960	.0020135	.0002486
%RSD	.5016514	.9074902	.1780016	.4324951	.3481208	.0496111

#1	.5154806	.5057374	1.003568	254.2056	.5792351	.5011187
#2	.5135258	.4969521	1.007121	252.1626	.5760938	.5008994
#3	.5103786	.5034387	1.004973	253.8722	.5798466	.5013955

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.4986838	98.63051	.5297994	258.2491	1.009020	.1758563
Stddev	.0027127	.34070	.0004893	.6381	.001296	.0007164
%RSD	.5439818	.3454295	.0923509	.2471037	.1284489	.4073476

#1	.4956218	98.91572	.5293062	258.8815	1.008285	.1766622
#2	.4996428	98.25325	.5298074	257.6054	1.010516	.1752920
#3	.5007867	98.72258	.5302847	258.2602	1.008258	.1756148

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.2447472	.5050704	.9456670	-.100941	.0121189	F .4951302
Stddev	.0126073	.0029207	.0162529	.021209	.0029939	.0114182
%RSD	5.151138	.5782732	1.718670	21.01086	24.70467	2.306104

#1	.2302319	.5080753	.9477571	-.113107	.0137651	.5079208
#2	.2529654	.5048940	.9607737	-.113265	.0139286	.4915054
#3	.2510443	.5022420	.9284701	-.076452	.0086631	.4859644

Sample Name: ICSAB01 Acquired: 1/22/2018 12:21:59 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v395) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: ICSAB01 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F .4120103	.0192621	.4503859	F .4145701	.5194244	.0048585
Stddev	.0256198	.0050222	.0143517	.0256113	.0084909	.0005208
%RSD	6.218247	26.07298	3.186529	6.177802	1.634680	10.72012

#1	.4375845	.0210185	.4668824	.4382618	.5273917	.0042573
#2	.4121012	.0135976	.4435058	.4180529	.5203891	.0051457
#3	.3863451	.0231703	.4407697	.3873956	.5104923	.0051725

Elem	Sr4077
Units	ppm
Avg	.1017991
Stddev	.0000789
%RSD	.0774564

#1	.1017431
#2	.1018893
#3	.1017650

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	996.3321	2113.477	32120.94	10319.74	2858.825
Stddev	11.6739	6.474	154.50	54.33	4.458
%RSD	1.171688	.3063372	.4809808	.5264478	.1559415

#1	987.8089	2107.182	31973.75	10266.12	2854.359
#2	991.5495	2113.132	32107.24	10374.75	2858.841
#3	1009.638	2120.117	32281.83	10318.37	2863.275

Sample Name: CCV070 Acquired: 1/22/2018 12:25:59 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v395) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: CCV070 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.001395	4.859852	24.62352	4.982937	4.986388	401.3639
Stddev	.007703	.024147	.02182	.020273	.014410	1.0122
%RSD	.1540075	.4968686	.0886099	.4068424	.2889956	.2521872

#1	4.996748	4.832016	24.59840	4.964423	4.997145	401.7861
#2	4.997150	4.872375	24.63437	4.979786	4.970015	400.2089
#3	5.010286	4.875166	24.63778	5.004600	4.992003	402.0966

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	10.00767	.4982153	2.514343	398.8657	15.40986	2.499095
Stddev	.08494	.0005093	.004020	2.1774	.02953	.003654
%RSD	.8487052	.1022328	.1598647	.5459080	.1916127	.1462199

#1	9.92359	.4982476	2.510061	396.3581	15.37802	2.495613
#2	10.09344	.4976905	2.514931	399.9605	15.41521	2.502900
#3	10.00598	.4987076	2.518035	400.2785	15.43634	2.498771

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	15.13757	395.3539	14.76336	402.6765	2.489193	F 1.414933
Stddev	.03199	.7410	.07030	.3480	.000827	.001185
%RSD	.2113525	.1874228	.4761654	.0864192	.0332178	.0837642

#1	15.17350	394.7175	14.68223	402.3888	2.488244	1.415659
#2	15.11217	395.1768	14.80615	402.5775	2.489757	1.415575
#3	15.12703	396.1674	14.80171	403.0633	2.489579	1.413566

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	398.8993	2.470205	14.63551	151.0575	5.102766	4.890696
Stddev	.5721	.013572	.06019	.5771	.029846	.009648
%RSD	.1434108	.5494354	.4112615	.3820591	.5848913	.1972705

#1	398.2493	2.456453	14.56780	150.7511	5.069721	4.880778
#2	399.1221	2.470572	14.68295	150.6982	5.110817	4.891260
#3	399.3264	2.483590	14.65578	151.7232	5.127761	4.900049

Sample Name: CCV070 Acquired: 1/22/2018 12:25:59 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v395) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: CCV070 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.962294	5.108619	4.771971	5.014069	5.013864	5.078001
Stddev	.012722	.032123	.021589	.015202	.009380	.016781
%RSD	.2563733	.6287968	.4524161	.3031888	.1870794	.3304683

#1	4.960646	5.078713	4.747424	4.998316	5.003074	5.093770
#2	4.950476	5.104569	4.788012	5.015238	5.020069	5.060364
#3	4.975760	5.142575	4.780475	5.028652	5.018450	5.079869

Elem	Sr4077
Units	ppm
Avg	5.079866
Stddev	.026755
%RSD	.5266891

#1	5.072687
#2	5.057432
#3	5.109478

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	881.8818	1892.748	29955.34	9860.567	2479.684
Stddev	3.3194	5.468	84.11	8.736	4.092
%RSD	.3764051	.2888937	.2807968	.0885978	.1650110

#1	879.4034	1887.681	29924.13	9861.909	2475.015
#2	880.5888	1898.544	29891.30	9851.237	2481.393
#3	885.6531	1892.020	30050.60	9868.554	2482.644

Sample Name: CCB070 Acquired: 1/22/2018 12:30:03 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v395) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: CCB070 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.002405	.0009896	.0000314	-.001093	.0018246	.0168329
Stddev	.002462	.0009357	.0011248	.001140	.0018526	.0036171
%RSD	102.3849	94.54923	3587.022	104.3286	101.5304	21.48846

#1	-.004626	.0000042	-.001132	-.000687	.0030227	.0169968
#2	.000242	.0018659	.001113	-.000211	-.000309	.0203653
#3	-.002830	.0010986	.000112	-.002380	.002760	.0131366

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0000752	.0001268	.0001067	.0111296	.0006558	.0003164
Stddev	.0001320	.0000414	.0000531	.0031623	.0002618	.0001267
%RSD	175.6788	32.62391	49.74728	28.41313	39.92367	40.04165

#1	-.000070	.0001484	.0000890	.0081814	.0005717	.0002333
#2	.000188	.0000791	.0000647	.0144695	.0009493	.0002537
#3	.000108	.0001530	.0001663	.0107379	.0004463	.0004622

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000360	.0250792	.0009529	.0082962	.0000940	.0000474
Stddev	.001117	.0052642	.0001888	.0042268	.0003322	.0003590
%RSD	310.5463	20.99030	19.81208	50.94853	353.3089	757.2681

#1	-.000462	.0249609	.0008421	.0065246	-.000113	.0004255
#2	-.001422	.0304015	.0008457	.0131206	.000477	-.000289
#3	.000805	.0198751	.0011709	.0052435	-.000082	.000006

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0715062	.0012769	-.001285	.0263859	-.001963	F .0106891
Stddev	.1182816	.0014167	.000789	.0338458	.001052	.0004202
%RSD	165.4145	110.9487	61.39260	128.2724	53.59050	3.930959

#1	.1842903	.0023382	-.000790	.0528447	-.002010	.0106226
#2	-.051597	.0018242	-.002195	.0380660	-.002990	.0103061
#3	.081825	-.000332	-.000870	-.011753	-.000888	.0111386

Sample Name: CCB070 Acquired: 1/22/2018 12:30:03 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v395) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: CCB070 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0003007	.0003578	.0005793	.0015966	-.000310	.0072229
Stddev	.0000854	.0026956	.0005930	.0005999	.000101	.0009071
%RSD	28.40413	753.4268	102.3663	37.57438	32.42706	12.55881

#1	.0002158	.0034643	-.000086	.0015003	-.000382	.0081864
#2	.0003866	-.001364	.001053	.0022388	-.000195	.0070971
#3	.0002996	-.001027	.000770	.0010506	-.000352	.0063853

Elem	Sr4077
Units	ppm
Avg	.0001780
Stddev	.0000362
%RSD	20.35579

#1	.0002065
#2	.0001904
#3	.0001372

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1147.532	2421.630	37126.79	10654.03	3819.946
Stddev	5.530	4.442	27.00	39.32	3.807
%RSD	.4819334	.1834272	.0727231	.3691029	.0996725

#1	1142.797	2418.416	37119.13	10637.50	3817.002
#2	1153.610	2426.699	37156.79	10625.67	3824.245
#3	1146.188	2419.776	37104.45	10698.92	3818.590

Sample Name: J1175-06 Acquired: 1/22/2018 12:34:14 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v395) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MF6A56 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0800849	-.022242	.2082804	.0045864	.0066278	123.5799	2.295933
Stddev	.0015253	.001747	.0015117	.0020262	.0024291	.2589	.005393
%RSD	1.904582	7.854692	.7257918	44.17730	36.64997	.2095243	.2348951

#1	.0817297	-.020784	.2076055	.0069226	.0038249	123.8504	2.300866
#2	.0798080	-.021764	.2100119	.0033087	.0079378	123.3343	2.296759
#3	.0787170	-.024179	.2072237	.0035279	.0081206	123.5551	2.290175

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0134215	.0048007	74.62216	.1856119	.1288951	.2151634	213.8244
Stddev	.0000886	.0000825	.09686	.0000986	.0004067	.0028633	.1481
%RSD	.6603963	1.718966	.1297973	.0531213	.3155111	1.330769	.0692728

#1	.0134754	.0047073	74.51058	.1856920	.1284764	.2118703	213.7912
#2	.0134698	.0048311	74.67133	.1855018	.1292886	.2165546	213.9863
#3	.0133192	.0048636	74.68456	.1856420	.1289204	.2170652	213.6957

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.125868	88.09264	.3222838	-.010455	2.855267	.2842035	.5842671
Stddev	.008473	.12877	.0005933	.000142	.026115	.0033837	.0053978
%RSD	.3985772	.1461741	.1840807	1.357507	.9146102	1.190606	.9238572

#1	2.124931	87.94636	.3215988	-.010616	2.879935	.2877229	.5896959
#2	2.134771	88.14273	.3226177	-.010349	2.827914	.2809741	.5842046
#3	2.117903	88.18885	.3226348	-.010401	2.857951	.2839134	.5789009

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	20.33686	3.962441	.0732488	.0008157	.2429926	10.82631	.0901512
Stddev	.08423	.021143	.0008427	.0000859	.0054495	.00623	.0025201
%RSD	.4141878	.5335816	1.150490	10.53625	2.242650	.0575781	2.795451

#1	20.39923	3.954390	.0740877	.0008993	.2492579	10.81981	.0924462
#2	20.37031	3.986427	.0732562	.0007276	.2403663	10.82686	.0905532
#3	20.24104	3.946506	.0724023	.0008203	.2393535	10.83224	.0874542

Sample Name: J1175-06 Acquired: 1/22/2018 12:34:14 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v395) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MF6A56 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.4942484	.2033899	.3511893
Stddev	.0009493	.0007609	.0002629
%RSD	.1920665	.3741139	.0748569

#1	.4951675	.2036779	.3511655
#2	.4943060	.2039648	.3514633
#3	.4932716	.2025270	.3509391

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1213.352	2563.227	39461.40	12198.52	3048.809
Stddev	4.987	6.813	134.32	44.81	1.321
%RSD	.4109748	.2658102	.3403940	.3672994	.0433297

#1	1207.709	2570.571	39309.13	12217.26	3048.576
#2	1217.167	2557.111	39563.11	12147.39	3050.231
#3	1215.179	2561.998	39511.95	12230.91	3047.620

Sample Name: J1175-23 Acquired: 1/22/2018 12:38:15 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v395) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MF6A56D Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0787101	-.022206	.2062460	.0036786	.0058828	122.0372	2.276668
Stddev	.0003631	.001579	.0005428	.0011802	.0019501	.0645	.005893
%RSD	.4613309	7.108628	.2631886	32.08392	33.14977	.0528860	.2588466

#1	.0783184	-.023946	.2068691	.0028769	.0078562	122.1095	2.282047
#2	.0787764	-.021807	.2058750	.0050339	.0058355	121.9852	2.277588
#3	.0790355	-.020865	.2059941	.0031250	.0039568	122.0169	2.270369

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0131840	.0047678	73.25213	.1838278	.1271868	.2124980	210.2022
Stddev	.0001921	.0001339	.09927	.0003764	.0006800	.0016971	.4552
%RSD	1.456854	2.808867	.1355124	.2047655	.5346710	.7986669	.2165436

#1	.0130628	.0049175	73.23074	.1837754	.1267623	.2106889	209.6961
#2	.0130836	.0047263	73.36035	.1834804	.1268269	.2140550	210.5781
#3	.0134054	.0046595	73.16530	.1842277	.1279711	.2127503	210.3323

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.079522	86.48900	.3186409	-.010487	2.837999	.2776182	.5778133
Stddev	.004297	.26111	.0010248	.000404	.161253	.0017313	.0076707
%RSD	.2066388	.3019036	.3216298	3.848424	5.681939	.6236312	1.327531

#1	2.080140	86.20194	.3174594	-.010604	2.970814	.2756191	.5697319
#2	2.083476	86.71238	.3192893	-.010038	2.884608	.2786334	.5787145
#3	2.074949	86.55268	.3191740	-.010820	2.658575	.2786020	.5849936

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	19.96729	3.906597	.0700198	.0002887	.2370674	10.65650	.0875901
Stddev	.06313	.011175	.0006060	.0003360	.0014195	.01411	.0012210
%RSD	.3161672	.2860523	.8655301	116.4064	.5987888	.1324372	1.394006

#1	20.02986	3.898472	.0703912	.0002851	.2355071	10.64092	.0882603
#2	19.90361	3.919341	.0693204	.0006265	.2374127	10.66014	.0883292
#3	19.96839	3.901978	.0703477	-.000046	.2382825	10.66844	.0861807

Sample Name: J1175-23 Acquired: 1/22/2018 12:38:15 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v395) Mode: CONC Corr. Factor: 1.000000
 User: JASWAL Custom ID1: MF6A56D Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.4889407	.2021632	.3493730
Stddev	.0041460	.0005792	.0007881
%RSD	.8479471	.2864865	.2255761

#1	.4841809	.2028311	.3490798
#2	.4917646	.2018604	.3502656
#3	.4908766	.2017983	.3487734

Int. Std.	Y_ 2243	Y_ 2243	Y_ 3600	Y_ 3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1221.314	2564.469	39663.33	12347.94	3067.763
Stddev	2.505	3.302	143.49	8.65	2.308
%RSD	.2051143	.1287641	.3617694	.0700417	.0752315

#1	1223.049	2560.930	39747.26	12347.36	3065.520
#2	1222.451	2565.009	39745.08	12339.59	3070.131
#3	1218.442	2567.468	39497.64	12356.86	3067.639

Sample Name: J1175-24 Acquired: 1/22/2018 12:42:17 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v395) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MF6A56S Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1342487	.0666918	.2482711	.0822546	.1629189	125.7897	5.718979
Stddev	.0036185	.0057551	.0012973	.0064139	.0013308	.6787	.012901
%RSD	2.695398	8.629380	.5225417	7.797577	.8168450	.5395389	.2255790

#1	.1380589	.0732852	.2495429	.0750841	.1642074	125.1515	5.718965
#2	.1308584	.0641137	.2469497	.0842350	.1629997	126.5027	5.731888
#3	.1338288	.0626765	.2483207	.0874447	.1615495	125.7150	5.706086

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0945006	.1002888	71.64578	.5230798	1.086609	.6271141	211.7723
Stddev	.0001820	.0005055	.38115	.0004769	.001558	.0030354	1.1729
%RSD	.1925338	.5040624	.5319967	.0911664	.1434212	.4840279	.5538677

#1	.0946646	.1006423	71.21640	.5226869	1.087026	.6251435	210.4583
#2	.0945324	.0997098	71.77679	.5229421	1.084885	.6255891	212.7137
#3	.0943049	.1005144	71.94415	.5236104	1.087917	.6306096	212.1449

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.914085	85.46134	1.284640	.0577192	2.794633	1.128764	1.336445
Stddev	.013219	.50970	.003840	.0000697	.096802	.012026	.018395
%RSD	.4536176	.5964061	.2988815	.1206903	3.463863	1.065370	1.376404

#1	2.898923	84.87283	1.289067	.0576526	2.906216	1.117816	1.315263
#2	2.920142	85.74955	1.282634	.0577134	2.733136	1.141635	1.345671
#3	2.923190	85.76163	1.282220	.0577916	2.744546	1.126842	1.348400

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	19.95911	3.922397	.0746535	.0006617	.2364892	13.71097	.0845288
Stddev	.06848	.029145	.0038370	.0001405	.0073525	.09125	.0027159
%RSD	.3431090	.7430527	5.139721	21.23309	3.109015	.6655350	3.212941

#1	19.94223	3.904956	.0702357	.0008158	.2404668	13.67801	.0862700
#2	20.03446	3.906192	.0765715	.0006287	.2409959	13.81412	.0813994
#3	19.90066	3.956044	.0771533	.0005406	.2280048	13.64077	.0859168

Sample Name: J1175-24 Acquired: 1/22/2018 12:42:17 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v395) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MF6A56S Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.5090350	.2029509	.3478641
Stddev	.0027651	.0002840	.0005813
%RSD	.5432029	.1399452	.1671152

#1	.5121404	.2030239	.3484750
#2	.5068395	.2031913	.3473177
#3	.5081250	.2026375	.3477997

Int. Std.	Y_ 2243	Y_ 2243	Y_ 3600	Y_ 3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1190.683	2540.949	39218.61	12302.68	3050.136
Stddev	4.960	2.980	135.95	12.20	3.211
%RSD	.4165362	.1172646	.3466410	.0991259	.1052770

#1	1193.889	2538.752	39285.60	12316.76	3046.430
#2	1193.190	2539.755	39308.07	12295.38	3051.875
#3	1184.971	2544.341	39062.17	12295.90	3052.102

Sample Name: J1175-06LX5 Acquired: 1/22/2018 12:46:15 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v395) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MF6A56L Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0234540	-.003042	.0442688	.0012240	.0021191	26.85176	.5213425
Stddev	.0038054	.000382	.0017878	.0009009	.0018899	.04640	.0017690
%RSD	16.22490	12.55802	4.038534	73.60311	89.18632	.1727881	.3393136

#1	.0276847	-.002681	.0424485	.0014215	.0002475	26.89990	.5223987
#2	.0203107	-.003442	.0460223	.0002408	.0040269	26.84806	.5223285
#3	.0223666	-.003004	.0443357	.0020098	.0020828	26.80732	.5193002

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0032320	.0007114	16.12012	.0531886	.0247068	.0510297	48.84711
Stddev	.0000967	.0000772	.04725	.0004800	.0001276	.0008900	.07316
%RSD	2.990549	10.85861	.2931069	.9023734	.5163593	1.744076	.1497775

#1	.0031562	.0007538	16.08615	.0536051	.0245897	.0500137	48.90797
#2	.0031990	.0006223	16.10012	.0526637	.0246878	.0516714	48.76594
#3	.0033408	.0007583	16.17408	.0532970	.0248427	.0514041	48.86743

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.4785510	18.66595	.0695593	-.002123	.9068981	.0600583	.1313737
Stddev	.0014414	.12928	.0001853	.000246	.0676114	.0010627	.0054854
%RSD	.3012018	.6925812	.2663323	11.57392	7.455234	1.769397	4.175398

#1	.4775705	18.77943	.0697645	-.002338	.8303859	.0611510	.1324721
#2	.4778765	18.52522	.0695089	-.001855	.9317113	.0599956	.1362267
#3	.4802059	18.69319	.0694044	-.002177	.9585970	.0590284	.1254222

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.413411	.7767673	.0143060	.0010807	.0514935	2.372221	.0119667
Stddev	.024853	.0045064	.0006016	.0003894	.0005558	.005620	.0005394
%RSD	.5631260	.5801490	4.205520	36.02721	1.079390	.2368900	4.507243

#1	4.434404	.7761173	.0148348	.0015088	.0520428	2.368262	.0113510
#2	4.385969	.7726212	.0136514	.0009859	.0515065	2.378653	.0123556
#3	4.419861	.7815635	.0144318	.0007476	.0509314	2.369749	.0121936

Sample Name: J1175-06LX5 Acquired: 1/22/2018 12:46:15 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v395) Mode: CONC Corr. Factor: 1.000000
 User: JASWAL Custom ID1: MF6A56L Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.1003614	.0435403	.0796397
Stddev	.0003034	.0003729	.0001049
%RSD	.3022758	.8565422	.1317169

#1	.1007036	.0438404	.0796502
#2	.1002555	.0436578	.0797390
#3	.1001252	.0431228	.0795300

Int. Std.	Y_ 2243	Y_ 2243	Y_ 3600	Y_ 3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1147.804	2415.925	37170.43	10993.64	3479.755
Stddev	6.316	4.243	165.23	7.40	1.650
%RSD	.5502449	.1756118	.4445071	.0673246	.0474052

#1	1145.576	2411.948	37038.93	10993.03	3477.869
#2	1142.903	2420.391	37116.47	11001.32	3480.467
#3	1154.931	2415.435	37355.89	10986.56	3480.928

Sample Name: CCV071 Acquired: 1/22/2018 14:08:25 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v395) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: CCV071 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.002548	4.916774	24.52929	5.090976	5.094110	403.6560
Stddev	.021840	.015695	.01075	.017704	.017112	5.1116
%RSD	.4365686	.3192139	.0438207	.3477616	.3359149	1.266320

#1	4.978838	4.902018	24.53353	5.077274	5.090640	398.2849
#2	5.021842	4.933264	24.53728	5.084687	5.079000	404.2224
#3	5.006964	4.915042	24.51707	5.110966	5.112691	408.4608

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	9.923205	.5008814	2.533724	397.0277	15.55217	2.502582
Stddev	.114322	.0032984	.000623	5.8832	.02850	.000320
%RSD	1.152063	.6585198	.0246044	1.481818	.1832652	.0128060

#1	9.816761	.4971463	2.533195	390.3905	15.52403	2.502731
#2	9.908814	.5021036	2.533566	399.0919	15.55146	2.502800
#3	10.04404	.5033942	2.534412	401.6006	15.58102	2.502214

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	15.12098	396.0576	14.56029	404.7985	2.505672	F 1.412226
Stddev	.16380	5.4171	.22745	5.3885	.000864	.002345
%RSD	1.083260	1.367748	1.562146	1.331152	.0344846	.1660418

#1	14.93924	389.9943	14.29966	398.9360	2.504906	1.414739
#2	15.16650	397.7579	14.66254	405.9244	2.506609	1.411843
#3	15.25721	400.4205	14.71867	409.5351	2.505502	1.410096

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	397.0886	2.457743	13.90355	150.5267	5.178449	4.854497
Stddev	5.4025	.034976	.16015	2.3110	.013017	.041530
%RSD	1.360538	1.423095	1.151892	1.535294	.2513682	.8554935

#1	391.4815	2.418403	13.73700	148.0909	5.182349	4.807140
#2	397.5242	2.469499	14.05643	150.8005	5.163928	4.871638
#3	402.2602	2.485326	13.91721	152.6886	5.189070	4.884713

Sample Name: CCV071 Acquired: 1/22/2018 14:08:25 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v395) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: CCV071 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.085599	5.201384	4.716052	5.056402	4.985628	5.068423
Stddev	.008540	.011274	.027638	.007568	.053340	.050536
%RSD	.1679326	.2167522	.5860508	.1496670	1.069885	.9970669

#1	5.084361	5.196718	4.684872	5.047669	4.926203	5.019551
#2	5.077746	5.193191	4.725747	5.060506	5.001317	5.065244
#3	5.094691	5.214242	4.737536	5.061031	5.029365	5.120472

Elem	Sr4077
Units	ppm
Avg	5.015335
Stddev	.060329
%RSD	1.202888

#1	4.945951
#2	5.044640
#3	5.055413

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	885.5500	1871.869	29926.04	9918.696	2474.937
Stddev	5.4577	5.512	30.61	91.828	4.422
%RSD	.6163031	.2944906	.1022884	.9258048	.1786710

#1	883.4720	1875.117	29919.49	10021.16	2478.503
#2	881.4366	1874.986	29899.23	9891.08	2476.320
#3	891.7415	1865.504	29959.39	9843.84	2469.989

Sample Name: CCB071 Acquired: 1/22/2018 14:12:30 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v395) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: CCB071 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.001447	.0016333	.0005217	-.001954	.0003861	.0096958	.0000609
Stddev	.002695	.0022619	.0006419	.002395	.0008758	.0007811	.0000849
%RSD	186.3319	138.4905	123.0471	122.5601	226.8591	8.055781	139.2667

#1	.000153	.0036401	.0012159	-.003657	.0013304	.0090900	.0001287
#2	-.004558	.0020776	-.000050	-.002990	.0002273	.0094201	.0000884
#3	.000066	-.000818	.000399	.000784	-.000399	.0105773	-.000034

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0000603	.0001089	-.002111	.0000251	.0002683	-.000929	.0086462
Stddev	.0000267	.0000374	.007911	.0001565	.0000278	.000742	.0013719
%RSD	44.31702	34.32309	374.6770	624.3541	10.35930	79.92578	15.86726

#1	.0000642	.0001520	.004442	-.000128	.0002623	-.000178	.0089583
#2	.0000850	.0000889	-.010899	.000018	.0002987	-.000946	.0071451
#3	.0000319	.0000857	.000123	.000185	.0002441	-.001662	.0098352

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0004381	.0024249	-.000128	.0002455	.1050849	.0019394	-.000656
Stddev	.0001906	.0108949	.000493	.0001181	.1438427	.0023112	.002079
%RSD	43.50243	449.2944	385.3501	48.12320	136.8824	119.1726	316.7783

#1	.0005143	.0118002	-.000178	.0003251	-.035001	-.000217	-.001487
#2	.0005788	.0050020	.000388	.0003015	.252410	.001656	.001710
#3	.0002212	-.009528	-.000593	.0001098	.097846	.004379	-.002192

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.018945	-.004121	.0093883	.0001843	.0150999	.0001740	-.000235
Stddev	.015355	.001256	.0003182	.0000901	.0031386	.0006511	.000986
%RSD	81.04936	30.46944	3.389785	48.87416	20.78554	374.2561	420.1225

#1	-.036461	-.004907	.0090779	.0001147	.0175559	.0003863	-.001353
#2	-.012567	-.002673	.0093732	.0001522	.0161799	-.000557	.000511
#3	-.007807	-.004783	.0097138	.0002861	.0115639	.000692	.000138

Sample Name: CCB071 Acquired: 1/22/2018 14:12:30 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v395) Mode: CONC Corr. Factor: 1.000000
 User: JASWAL Custom ID1: CCB071 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.0002029	.0056351	.0000817
Stddev	.0007391	.0003389	.0000233
%RSD	364.2441	6.014540	28.46548

#1	-.000048	.0056881	.0000591
#2	.001035	.0059444	.0000805
#3	-.000378	.0052728	.0001056

Int. Std.	Y_ 2243	Y_ 2243	Y_ 3600	Y_ 3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1155.588	2445.769	37559.76	10852.30	3886.820
Stddev	13.784	4.847	97.43	16.77	4.250
%RSD	1.192774	.1981854	.2593955	.1545168	.1093355

#1	1170.672	2448.168	37618.99	10868.13	3887.660
#2	1143.649	2448.950	37447.31	10834.73	3890.588
#3	1152.442	2440.191	37612.97	10854.05	3882.214

Sample Name: PB105866BL Acquired: 1/22/2018 15:38:56 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v395) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: PBS002 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0006306	.0006312	.0002800	-.002809	.0009101	.0016937	-.000002
Stddev	.0016577	.0014664	.0005999	.000505	.0006782	.0033094	.000376
%RSD	262.8909	232.3114	214.2767	17.98939	74.51846	195.3892	18218.03

#1	.0014765	-.001062	.0004356	-.003201	.0007104	.0016596	-.000168
#2	-.001279	.001485	-.000382	-.002238	.0003541	.0050201	-.000266
#3	.001695	.001471	.000787	-.002987	.0016657	-.001598	.000428

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000032	.0000239	-.003962	.0005583	-.000099	-.001051	-.001270
Stddev	.000014	.0000632	.005788	.0003796	.000247	.001484	.006774
%RSD	43.20990	264.4736	146.0950	67.99108	248.9994	141.2472	533.5655

#1	-.000046	.0000962	-.002969	.0007360	-.000322	-.000012	.005114
#2	-.000032	-.000003	.001265	.0008165	.000166	-.002750	-.000546
#3	-.000018	-.000021	-.010182	.0001225	-.000141	-.000390	-.008376

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000087	-.015190	-.000106	.0000450	-.083335	.0027361	-.001370
Stddev	.000153	.024454	.000189	.0001829	.164098	.0018532	.000936
%RSD	176.2856	160.9889	179.4678	406.1664	196.9124	67.72997	68.29162

#1	-.000064	.012448	-.000228	.0000546	-.116228	.0047813	-.000354
#2	.000054	-.034023	.000113	-.000142	.094717	.0022584	-.002196
#3	-.000251	-.023996	-.000202	.000223	-.228496	.0011686	-.001561

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.111485	-.002907	.0005726	.0000706	.0301672	-.000071	.0005005
Stddev	.018537	.001225	.0007519	.0000881	.0020897	.000644	.0012346
%RSD	16.62736	42.14787	131.3131	124.8019	6.926903	904.4264	246.7080

#1	-.126291	-.003990	-.000072	.0001261	.0325801	-.000811	.0002352
#2	-.090695	-.003153	.000391	.0001167	.0289481	.000225	-.000580
#3	-.117470	-.001577	.001399	-.000031	.0289734	.000371	.001846

Sample Name: PB105866BL Acquired: 1/22/2018 15:38:56 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v395) Mode: CONC Corr. Factor: 1.000000
 User: JASWAL Custom ID1: PBS002 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	-.000481	-.001646	-.000021
Stddev	.000793	.000036	.000016
%RSD	164.9344	2.162310	77.64383

#1	-.000398	-.001607	-.000032
#2	.000267	-.001676	-.000029
#3	-.001311	-.001655	-.000002

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1193.445	2467.976	37929.88	10801.94	3886.353
Stddev	7.977	1.918	225.55	29.30	6.787
%RSD	.6683962	.0776999	.5946371	.2712636	.1746447

#1	1202.187	2469.843	38156.01	10834.75	3891.952
#2	1191.584	2466.011	37928.71	10792.70	3888.302
#3	1186.562	2468.074	37704.92	10778.38	3878.804

Sample Name: PB105866BS Acquired: 1/22/2018 15:43:04 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v395) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: LCS002 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0169918	.0549299	.0199887	.0693399	.1142193	.3947743
Stddev	.0019118	.0017118	.0004065	.0024328	.0033266	.0117639
%RSD	11.25147	3.116291	2.033614	3.508516	2.912491	2.979907

#1	.0190943	.0567098	.0201791	.0703909	.1168075	.4067914
#2	.0153577	.0547845	.0202650	.0710705	.1153833	.3832811
#3	.0165233	.0532955	.0195219	.0665582	.1104671	.3942504

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.4023739	.0107054	.0099459	10.52343	.0225788	.0951518
Stddev	.0034259	.0001041	.0000338	.04693	.0002161	.0002783
%RSD	.8514167	.9726667	.3401645	.4459840	.9572120	.2924345

#1	.4062461	.0108215	.0099493	10.57760	.0228181	.0949050
#2	.4011392	.0106747	.0099105	10.49782	.0223978	.0950972
#3	.3997366	.0106201	.0099779	10.49488	.0225206	.0954534

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0494593	.2185718	.0327012	9.828845	.0788015	.0175435
Stddev	.0020216	.0047111	.0005008	.023493	.0002039	.0002882
%RSD	4.087301	2.155396	1.531506	.2390231	.2587985	1.643025

#1	.0478541	.2223014	.0328170	9.847276	.0786340	.0178638
#2	.0517296	.2201365	.0331340	9.836867	.0790286	.0173051
#3	.0487941	.2132774	.0321526	9.802391	.0787418	.0174615

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	9.830779	.1027078	.0977917	8.998021	.0249165	F .0214659
Stddev	.197199	.0012179	.0012677	.092936	.0011871	.0007493
%RSD	2.005936	1.185816	1.296335	1.032850	4.764237	3.490910

#1	10.03836	.1024251	.0966745	9.101874	.0262409	.0206231
#2	9.80806	.1016561	.0991694	8.922686	.0245601	.0217176
#3	9.64593	.1040422	.0975311	8.969501	.0239485	.0220569

Sample Name: PB105866BS Acquired: 1/22/2018 15:43:04 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v395) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: LCS002 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0203219	.1873444	.2017188	F .0130450	.1977282	.0925219
Stddev	.0002356	.0010885	.0008645	.0014177	.0009535	.0002534
%RSD	1.159219	.5810187	.4285513	10.86782	.4822217	.2738336

#1	.0205519	.1861614	.2010729	.0142265	.1971061	.0928144
#2	.0200811	.1883037	.2027008	.0114730	.1988259	.0923813
#3	.0203327	.1875681	.2013826	.0134356	.1972525	.0923700

Elem	Sr4077
Units	ppm
Avg	.2041452
Stddev	.0002686
%RSD	.1315492

#1	.2040992
#2	.2044337
#3	.2039026

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1172.315	2442.939	37231.67	10822.44	3697.017
Stddev	5.990	8.242	84.57	82.56	9.031
%RSD	.5109694	.3373982	.2271441	.7628212	.2442915

#1	1175.478	2434.002	37179.70	10737.19	3687.153
#2	1165.407	2444.571	37186.05	10828.13	3699.019
#3	1176.062	2450.243	37329.25	10902.01	3704.880

Sample Name: PB105854BL Acquired: 1/22/2018 15:47:13 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v395) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: PBS002 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000071	.0005588	-.000781	.0006928	.0010097	-.000112	-.000350
Stddev	.000174	.0010532	.001558	.0016955	.0012032	.001823	.000116
%RSD	244.9185	188.4807	199.6019	244.7382	119.1662	1621.191	32.99171

#1	-.000099	.0012502	-.002391	-.000691	.0000478	-.001624	-.000401
#2	-.000229	.0010795	-.000671	.000185	.0006224	-.000625	-.000432
#3	.000115	-.000653	.000720	.002584	.0023589	.001912	-.000218

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0000351	.0000012	-.002982	-.000012	-.000067	-.000004	.0040737
Stddev	.0001280	.0000731	.004053	.000423	.000076	.000570	.0025221
%RSD	365.0622	6295.943	135.9204	3425.301	113.8954	14195.42	61.91147

#1	.0001379	.0000489	-.003447	.000048	-.000024	.000083	.0061450
#2	-.000108	.0000375	-.006782	-.000463	-.000155	-.000613	.0048108
#3	.000076	-.000083	.001284	.000378	-.000022	.000518	.0012652

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0002469	-.011036	-.000147	.0000018	-.114807	.0017552	-.001110
Stddev	.0001833	.008944	.000384	.0002123	.029637	.0028898	.001396
%RSD	74.25498	81.04747	261.6155	11726.10	25.81436	164.6393	125.7648

#1	.0003995	-.017619	-.000573	-.000227	-.119085	-.001099	.000135
#2	.0000436	-.014636	-.000037	.000039	-.083264	.001686	-.000847
#3	.0002975	-.000853	.000170	.000193	-.142073	.004679	-.002619

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.074297	-.002136	.0000913	-.000086	.0119233	-.000543	.0002470
Stddev	.033330	.001090	.0007287	.000114	.0021904	.000457	.0000828
%RSD	44.85973	51.02543	798.3161	133.0973	18.37031	84.17218	33.53497

#1	-.063032	-.001589	.0004424	-.000214	.0100431	-.001038	.0001871
#2	-.111800	-.003391	.0005780	.000004	.0143284	-.000137	.0003415
#3	-.048060	-.001428	-.000746	-.000047	.0113985	-.000453	.0002123

Sample Name: PB105854BL Acquired: 1/22/2018 15:47:13 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v395) Mode: CONC Corr. Factor: 1.000000
 User: JASWAL Custom ID1: PBS002 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	-.000029	-.001743	-.000011
Stddev	.000249	.000407	.000032
%RSD	863.4902	23.35081	293.9137

#1	-.000251	-.001722	.000021
#2	.000240	-.001347	-.000044
#3	-.000075	-.002160	-.000009

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1164.591	2443.319	37198.21	10586.28	3838.395
Stddev	8.761	3.019	158.95	45.37	7.552
%RSD	.7523054	.1235695	.4272942	.4285756	.1967414

#1	1174.703	2440.583	37380.68	10610.70	3836.479
#2	1159.256	2446.558	37124.07	10614.20	3846.720
#3	1159.815	2442.816	37089.88	10533.92	3831.986

Sample Name: PB105854BS Acquired: 1/22/2018 15:51:24 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v395) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: LCS002 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0180277	.0516397	.0186233	.0635116	.1127935	.3786168
Stddev	.0008028	.0025553	.0007273	.0025424	.0012653	.0051653
%RSD	4.453093	4.948269	3.905067	4.003007	1.121770	1.364245

#1	.0189170	.0506033	.0194057	.0663088	.1140667	.3842760
#2	.0178097	.0497653	.0179680	.0613412	.1127774	.3774179
#3	.0173564	.0545503	.0184962	.0628850	.1115363	.3741564

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.3919463	.0104047	.0096575	10.26528	.0214005	.0920452
Stddev	.0018999	.0000582	.0000700	.03226	.0002465	.0004217
%RSD	.4847299	.5594601	.7250171	.3143002	1.151622	.4581884

#1	.3941287	.0104691	.0095770	10.30023	.0215524	.0920526
#2	.3906615	.0103893	.0096913	10.25896	.0211162	.0916197
#3	.3910488	.0103557	.0097042	10.23664	.0215330	.0924631

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0492922	.2130157	.0315352	9.535088	.0763652	.0174478
Stddev	.0017298	.0063127	.0002518	.058276	.0000959	.0002843
%RSD	3.509355	2.963483	.7983938	.6111775	.1255895	1.629545

#1	.0500285	.2194411	.0312688	9.557339	.0764760	.0175928
#2	.0505320	.2127839	.0317692	9.468964	.0763099	.0171202
#3	.0473160	.2068221	.0315676	9.578961	.0763098	.0176305

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	9.523460	.1013889	.0946813	8.810169	.0235526	F .0214632
Stddev	.086419	.0019053	.0025774	.075250	.0017331	.0003837
%RSD	.9074321	1.879195	2.722163	.8541221	7.358356	1.787897

#1	9.436168	.1026346	.0968545	8.891953	.0245582	.0218765
#2	9.525234	.0991956	.0918338	8.743860	.0245482	.0213950
#3	9.608978	.1023365	.0953556	8.794694	.0215514	.0211181

Sample Name: PB105854BS Acquired: 1/22/2018 15:51:24 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v395) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: LCS002 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0197744	.1778118	.1998473	F .0138447	.1929178	.0886802
Stddev	.0002077	.0051172	.0021562	.0003508	.0004622	.0007136
%RSD	1.050072	2.877898	1.078906	2.533801	.2395702	.8046961

#1	.0195348	.1744837	.2014168	.0136379	.1930511	.0887644
#2	.0198860	.1752475	.2007363	.0136466	.1924036	.0879283
#3	.0199024	.1837042	.1973888	.0142498	.1932987	.0893480

Elem	Sr4077
Units	ppm
Avg	.1984786
Stddev	.0004557
%RSD	.2296131

#1	.1988313
#2	.1979641
#3	.1986405

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1144.879	2415.093	36538.03	10639.04	3664.349
Stddev	22.905	1.651	600.29	73.11	3.169
%RSD	2.000619	.0683805	1.642922	.6872300	.0864919

#1	1119.272	2413.202	35850.86	10557.32	3662.854
#2	1163.414	2415.825	36960.31	10661.53	3667.990
#3	1151.951	2416.253	36802.93	10698.27	3662.205

Sample Name: CCV072 Acquired: 1/22/2018 15:55:32 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v395) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: CCV072 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.848911	4.686447	23.98167	4.830980	4.834609	381.8519
Stddev	.015036	.012751	.05968	.014353	.017236	1.9030
%RSD	.3100938	.2720731	.2488464	.2971106	.3565136	.4983622

#1	4.839583	4.671857	23.99476	4.842621	4.848218	379.6743
#2	4.866257	4.692033	24.03372	4.814943	4.815228	382.6861
#3	4.840895	4.695451	23.91654	4.835377	4.840381	383.1954

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	9.581577	.4835385	2.449159	384.8609	15.02986	2.428361
Stddev	.107916	.0009388	.003553	3.1730	.05285	.004270
%RSD	1.126289	.1941535	.1450639	.8244601	.3516448	.1758237

#1	9.560813	.4828420	2.450160	381.2020	15.09035	2.428417
#2	9.485552	.4846062	2.452105	386.5244	15.00657	2.432602
#3	9.698367	.4831674	2.445214	386.8563	14.99265	2.424063

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	14.66861	377.5317	14.18715	385.9296	2.418682	1.354166
Stddev	.05840	2.7990	.13455	3.3500	.002143	.003196
%RSD	.3981359	.7413991	.9483670	.8680285	.0885873	.2360299

#1	14.60715	374.3738	14.03452	382.1257	2.416812	1.350757
#2	14.72337	378.5149	14.23835	387.2232	2.421020	1.354647
#3	14.67529	379.7065	14.28858	388.4399	2.418214	1.357095

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	381.0231	2.351643	F 13.08621	142.7556	4.938306	4.710457
Stddev	1.9110	.016561	.15412	1.2595	.009985	.021242
%RSD	.5015403	.7042122	1.177736	.8822469	.2021891	.4509446

#1	378.8815	2.332760	12.91058	141.3054	4.943970	4.685937
#2	382.5542	2.358475	13.14912	143.5751	4.926778	4.723247
#3	381.6337	2.363695	13.19892	143.3862	4.944171	4.722187

Sample Name: CCV072 Acquired: 1/22/2018 15:55:32 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v395) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: CCV072 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.812462	4.949247	4.606097	4.880624	4.882231	4.862752
Stddev	.011900	.021497	.014873	.004922	.036270	.018491
%RSD	.2472841	.4343538	.3228955	.1008472	.7428944	.3802655

#1	4.822167	4.959966	4.591388	4.883650	4.841248	4.844226
#2	4.799185	4.924498	4.605774	4.883278	4.895254	4.881208
#3	4.816035	4.963277	4.621129	4.874945	4.910192	4.862821

Elem	Sr4077
Units	ppm
Avg	4.934548
Stddev	.043180
%RSD	.8750628

#1	4.887731
#2	4.972811
#3	4.943101

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	937.4937	1970.213	31226.09	10189.39	2571.906
Stddev	6.1676	5.734	67.07	47.49	5.633
%RSD	.6578798	.2910200	.2147893	.4661141	.2190117

#1	944.3030	1963.787	31262.15	10244.22	2565.762
#2	932.2823	1974.808	31148.70	10160.83	2573.130
#3	935.8958	1972.042	31267.41	10163.13	2576.826

Sample Name: CCB072 Acquired: 1/22/2018 15:59:36 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v395) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: CCB072 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.001969	.0012892	.0001494	-.001419	.0008925	.0215178	.0004293
Stddev	.002314	.0024212	.0014600	.000581	.0003823	.0079253	.0005312
%RSD	117.5539	187.8109	977.3570	40.95042	42.84055	36.83110	123.7199

#1	-.000043	.0039636	-.001457	-.000795	.0005124	.0301576	.0006299
#2	-.001327	.0006576	.001396	-.001516	.0008879	.0198104	.0008310
#3	-.004536	-.000754	.000509	-.001945	.0012771	.0145855	-.000173

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0000699	.0000189	.0149769	.0006357	.0000542	-.000452	.0222614
Stddev	.0000397	.0000065	.0100533	.0002135	.0002840	.000855	.0069434
%RSD	56.77015	34.65727	67.12555	33.58493	524.2325	189.2447	31.19007

#1	.0000440	.0000199	.0255683	.0004930	-.000246	.000200	.0301880
#2	.0000501	.0000119	.0137967	.0005330	.000091	-.000135	.0172551
#3	.0001156	.0000248	.0055658	.0008812	.000318	-.001420	.0193414

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0006942	.0062092	.0001506	.0000781	.0165872	.0008123	-.000703
Stddev	.0002640	.0210995	.0002479	.0003249	.0481179	.0018374	.000919
%RSD	38.02283	339.8115	164.6188	416.1010	290.0907	226.2111	130.6944

#1	.0009910	-.016596	.0003922	-.000005	.0496640	.0029336	-.001020
#2	.0004855	.025037	-.000103	.000436	-.038614	-.000216	-.001422
#3	.0006063	.010186	.000163	-.000197	.038711	-.000281	.000332

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.043839	-.002325	.0069677	.0000082	.0074073	-.000590	.0004867
Stddev	.076568	.001218	.0007054	.0002589	.0015550	.000663	.0005423
%RSD	174.6556	52.40544	10.12328	3162.427	20.99249	112.3412	111.4359

#1	.028336	-.001223	.0076973	-.000120	.0070602	-.000840	-.000095
#2	-.035704	-.003633	.0069165	-.000161	.0091065	.000161	.000576
#3	-.124150	-.002119	.0062894	.000306	.0060552	-.001093	.000979

Sample Name: CCB072 Acquired: 1/22/2018 15:59:36 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v395) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: CCB072 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.0000847	.0035301	.0001726
Stddev	.0005071	.0005619	.0000661
%RSD	598.7978	15.91779	38.29779

#1	.0006553	.0041765	.0002363
#2	-.000087	.0032556	.0001772
#3	-.000314	.0031582	.0001043

Int. Std.	Y_ 2243	Y_ 2243	Y_ 3600	Y_ 3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1184.289	2509.744	38086.38	10865.10	3949.504
Stddev	9.122	7.361	168.41	4.14	5.268
%RSD	.7702785	.2933039	.4421900	.0381478	.1333766

#1	1173.755	2503.072	37892.07	10869.78	3945.596
#2	1189.541	2517.640	38190.31	10863.65	3955.495
#3	1189.570	2508.519	38176.75	10861.88	3947.421

Sample Name: J1224-01 Acquired: 1/22/2018 16:03:47 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v395) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MF6A02 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0345223	-.007086	.1796657	.0068092	.0032350	53.76077	2.382857
Stddev	.0016249	.002026	.0044538	.0025585	.0009211	.50933	.022110
%RSD	4.706864	28.58551	2.478958	37.57452	28.47257	.9473932	.9278663

#1	.0356614	-.009396	.1847094	.0081985	.0038820	53.27527	2.359041
#2	.0326615	-.005614	.1780139	.0038566	.0021804	53.71606	2.386801
#3	.0352439	-.006248	.1762737	.0083725	.0036425	54.29097	2.402730

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0052053	.0012203	22.07242	.0825702	.0332745	.0709003	70.48692
Stddev	.0000403	.0000384	.26506	.0009358	.0001574	.0005683	.82570
%RSD	.7745956	3.148524	1.200849	1.133323	.4729062	.8014973	1.171424

#1	.0052504	.0011801	21.78659	.0816781	.0332317	.0712822	69.70880
#2	.0051728	.0012566	22.12058	.0824883	.0331430	.0711713	70.39883
#3	.0051927	.0012243	22.31010	.0835443	.0334489	.0702472	71.35314

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	3.356014	6.436148	.0366353	-.003327	.6469491	.1460984	.1284404
Stddev	.050602	.085154	.0006514	.000155	.0206596	.0052364	.0050901
%RSD	1.507803	1.323064	1.777986	4.663533	3.193386	3.584166	3.962975

#1	3.305264	6.353781	.0362427	-.003505	.6705179	.1458351	.1229148
#2	3.356311	6.430823	.0362760	-.003223	.6319708	.1409986	.1294685
#3	3.406467	6.523840	.0373872	-.003253	.6383585	.1514615	.1329380

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.022688	1.621999	.0117600	.0029566	1.395507	4.306302	.0053110
Stddev	.061143	.011020	.0022564	.0001638	.003665	.054373	.0010084
%RSD	3.022863	.6794095	19.18680	5.539411	.2626453	1.262643	18.98715

#1	2.007780	1.625166	.0097163	.0029065	1.393686	4.324554	.0048193
#2	1.970378	1.609743	.0113822	.0031396	1.393110	4.245151	.0064709
#3	2.089907	1.631089	.0141814	.0028237	1.399727	4.349202	.0046427

Sample Name: J1224-01 Acquired: 1/22/2018 16:03:47 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v395) Mode: CONC Corr. Factor: 1.000000
 User: JASWAL Custom ID1: MF6A02 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.1702078	.0316277	.1372166
Stddev	.0149683	.0005964	.0015210
%RSD	8.794149	1.885777	1.108472

#1	.1641813	.0309775	.1355467
#2	.1872501	.0321494	.1375802
#3	.1591921	.0317564	.1385228

Int. Std.	Y_ 2243	Y_ 2243	Y_ 3600	Y_ 3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1212.585	2554.100	39453.15	11903.47	3522.495
Stddev	12.780	2.679	106.50	52.41	4.215
%RSD	1.053906	.1048946	.2699309	.4403285	.1196615

#1	1198.588	2553.977	39339.66	11863.97	3518.723
#2	1215.537	2551.485	39468.87	11962.93	3527.045
#3	1223.630	2556.839	39550.91	11883.51	3521.717

Sample Name: J1224-02 Acquired: 1/22/2018 16:07:52 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v395) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MF6A03 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0747167	-.005816	.3075821	.0078725	.0033773	66.19711	3.312648
Stddev	.0014281	.001756	.0012856	.0008189	.0001587	.38735	.014168
%RSD	1.911294	30.19009	.4179707	10.40150	4.698998	.5851431	.4277015

#1	.0734745	-.006657	.3061814	.0080707	.0032018	65.79946	3.296729
#2	.0762770	-.003798	.3078566	.0085741	.0035108	66.21860	3.317340
#3	.0743987	-.006994	.3087082	.0069727	.0034193	66.57326	3.323875

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0083956	.0032411	36.36910	.1001416	.0868377	.0698532	124.2096
Stddev	.0000806	.0001502	.17335	.0001034	.0002354	.0022039	.5231
%RSD	.9595548	4.634296	.4766330	.1032350	.2710534	3.155097	.4211439

#1	.0083580	.0031098	36.17981	.1001879	.0870097	.0678198	123.6134
#2	.0084881	.0034049	36.52011	.1000232	.0865695	.0721952	124.4236
#3	.0083408	.0032085	36.40737	.1002138	.0869340	.0695447	124.5917

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	10.41285	10.44980	.0765506	-.006038	.9259943	.2228993	.2220384
Stddev	.03509	.05772	.0005353	.000273	.0584670	.0030877	.0012315
%RSD	.3370088	.5523541	.6992131	4.526811	6.313972	1.385260	.5546250

#1	10.37952	10.40640	.0759822	-.005879	.9927363	.2193898	.2206181
#2	10.44947	10.42769	.0770451	-.006354	.8838186	.2251986	.2228085
#3	10.40955	10.51530	.0766245	-.005882	.9014281	.2241096	.2226887

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	3.616506	3.374666	.0176184	.0021763	3.033657	3.258457	.0060052
Stddev	.034396	.009621	.0028381	.0002934	.008315	.050126	.0006329
%RSD	.9510827	.2851036	16.10859	13.48110	.2740876	1.538320	10.53894

#1	3.581398	3.365982	.0146538	.0018390	3.024058	3.316205	.0066924
#2	3.617979	3.385009	.0203102	.0023722	3.038612	3.232965	.0054462
#3	3.650142	3.373006	.0178912	.0023177	3.038303	3.226201	.0058771

Sample Name: J1224-02 Acquired: 1/22/2018 16:07:52 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v395) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MF6A03 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.1495639	.0396719	.1748406
Stddev	.0027197	.0002885	.0002452
%RSD	1.818397	.7271639	.1402602

#1	.1526296	.0397949	.1747413
#2	.1474415	.0398785	.1746605
#3	.1486205	.0393423	.1751198

Int. Std.	Y_ 2243	Y_ 2243	Y_ 3600	Y_ 3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1245.925	2647.695	40461.84	12302.36	3482.314
Stddev	13.459	3.400	129.04	52.88	1.658
%RSD	1.080278	.1284268	.3189171	.4298643	.0476085

#1	1244.886	2651.052	40420.95	12246.60	3480.838
#2	1233.015	2647.780	40358.20	12308.69	3484.108
#3	1259.874	2644.253	40606.38	12351.80	3481.998

Sample Name: J1224-03 Acquired: 1/22/2018 16:11:56 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v395) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MF6A05 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0460931	-.008454	.3794563	.0140754	.0033581	69.46609	2.941997
Stddev	.0046928	.002511	.0004124	.0005273	.0012390	.12546	.005895
%RSD	10.18105	29.70413	.1086696	3.746342	36.89473	.1806109	.2003841

#1	.0434789	-.011354	.3794739	.0138547	.0027657	69.42220	2.943777
#2	.0515107	-.006980	.3798596	.0136942	.0047821	69.36847	2.935417
#3	.0432896	-.007029	.3790355	.0146772	.0025266	69.60760	2.946797

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0048662	.0009727	34.31918	.1007096	.0240348	.0466401	81.07854
Stddev	.0000526	.0001044	.14944	.0001387	.0001770	.0005572	.31074
%RSD	1.080404	10.72941	.4354352	.1377414	.7362483	1.194766	.3832609

#1	.0049215	.0010242	34.26325	.1007927	.0238307	.0472800	80.92915
#2	.0048604	.0010413	34.20577	.1007867	.0241275	.0462618	80.87070
#3	.0048169	.0008526	34.48851	.1005495	.0241461	.0463784	81.43576

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.528954	9.279211	.0395838	-.003826	.7053497	.1464900	.1409931
Stddev	.011434	.046783	.0003991	.000114	.0662659	.0017845	.0058233
%RSD	.4521208	.5041742	1.008288	2.973451	9.394756	1.218174	4.130187

#1	2.524910	9.232612	.0393546	-.003821	.6330814	.1472354	.1364817
#2	2.520092	9.278846	.0400447	-.003714	.7632585	.1477810	.1475669
#3	2.541861	9.326176	.0393521	-.003941	.7197092	.1444537	.1389306

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	3.931850	2.750147	.0156750	.0023642	2.637347	5.865883	.0056769
Stddev	.044965	.006263	.0011372	.0001989	.007626	.050021	.0011206
%RSD	1.143620	.2277322	7.254732	8.414838	.2891353	.8527431	19.73944

#1	3.972124	2.750703	.0145302	.0024264	2.637200	5.923224	.0051575
#2	3.883333	2.743625	.0156904	.0021416	2.629796	5.831203	.0069629
#3	3.940093	2.756113	.0168044	.0025246	2.645045	5.843222	.0049102

Sample Name: J1224-03 Acquired: 1/22/2018 16:11:56 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v395) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MF6A05 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.1868059	.0381871	.2154610
Stddev	.0098046	.0006143	.0003481
%RSD	5.248524	1.608738	.1615726

#1	.1825458	.0375585	.2152871
#2	.1798520	.0382166	.2152341
#3	.1980199	.0387861	.2158618

Int. Std.	Y_ 2243	Y_ 2243	Y_ 3600	Y_ 3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1179.622	2494.600	38580.35	11774.70	3499.030
Stddev	5.722	5.819	45.65	64.86	5.380
%RSD	.4850639	.2332606	.1183121	.5508118	.1537501

#1	1176.510	2490.117	38631.23	11709.53	3499.038
#2	1176.130	2492.506	38543.01	11839.24	3493.647
#3	1186.225	2501.176	38566.80	11775.32	3504.406

Sample Name: J1224-04 Acquired: 1/22/2018 16:16:03 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v395) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MF6A06 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0390497	-.006229	.1817130	.0153741	.0037733	36.34711	1.743218
Stddev	.0033680	.000832	.0018772	.0010361	.0010211	.11565	.013010
%RSD	8.624794	13.35482	1.033076	6.739038	27.06190	.3181713	.7463346

#1	.0359609	-.006837	.1796671	.0142023	.0033784	36.43641	1.750182
#2	.0385477	-.006568	.1833563	.0157511	.0049329	36.21648	1.728208
#3	.0426404	-.005281	.1821157	.0161688	.0030086	36.38844	1.751265

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0048199	.0012593	22.72755	.0648134	.0311108	.0469001	74.74252
Stddev	.0000773	.0001096	.05366	.0005983	.0003612	.0008968	.11228
%RSD	1.602989	8.698805	.2361177	.9230433	1.160874	1.912063	.1502275

#1	.0048641	.0012763	22.78695	.0648494	.0307457	.0458762	74.87049
#2	.0048649	.0013594	22.71313	.0653928	.0311189	.0472783	74.69657
#3	.0047307	.0011423	22.68256	.0641979	.0314678	.0475458	74.66049

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.411598	6.562157	.0378732	-.003602	.6878290	.1673059	.1344433
Stddev	.009000	.033934	.0002836	.000222	.0483263	.0021383	.0012682
%RSD	.2040013	.5171142	.7488418	6.153410	7.025914	1.278095	.9432948

#1	4.421492	6.601321	.0376411	-.003839	.6343764	.1677693	.1358545
#2	4.409403	6.543634	.0377892	-.003400	.7284314	.1649739	.1340765
#3	4.403898	6.541516	.0381893	-.003567	.7006792	.1691746	.1333989

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.207191	2.395923	.0112628	.0019561	2.683430	3.056880	.0042994
Stddev	.034678	.016557	.0004573	.0002506	.029810	.034211	.0005567
%RSD	1.571128	.6910456	4.060646	12.81374	1.110883	1.119159	12.94921

#1	2.171005	2.381713	.0115569	.0017007	2.651574	3.082420	.0046074
#2	2.210437	2.391951	.0107359	.0022017	2.688065	3.070208	.0046341
#3	2.240132	2.414105	.0114956	.0019660	2.710650	3.018010	.0036567

Sample Name: J1224-04 Acquired: 1/22/2018 16:16:03 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v395) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MF6A06 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.1558392	.0127208	.1499364
Stddev	.0099312	.0002113	.0014655
%RSD	6.372731	1.661174	.9774032

#1	.1460440	.0125081	.1496934
#2	.1555725	.0127236	.1486075
#3	.1659010	.0129307	.1515081

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1207.014	2551.122	39293.27	11820.49	3603.460
Stddev	10.100	4.753	153.08	35.54	8.240
%RSD	.8367391	.1863034	.3895732	.3006794	.2286795

#1	1209.703	2547.459	39155.60	11779.84	3604.030
#2	1215.497	2556.492	39458.12	11835.95	3611.400
#3	1195.843	2549.413	39266.10	11845.69	3594.949

Sample Name: J1224-05 Acquired: 1/22/2018 16:20:10 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v395) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MF6A07 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0356711	-.003564	.2136089	.0063665	.0030023	60.90100	1.394596
Stddev	.0031684	.002174	.0014756	.0012970	.0026216	.24511	.002543
%RSD	8.882280	61.00051	.6907904	20.37289	87.31976	.4024809	.1823295

#1	.0322420	-.001803	.2119082	.0074300	.0060231	60.61925	1.397492
#2	.0384901	-.002895	.2143698	.0067479	.0013209	61.06519	1.392726
#3	.0362810	-.005994	.2145488	.0049215	.0016630	61.01856	1.393571

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0053305	.0015654	14.82320	.0735465	.0555710	.0398360	81.34408
Stddev	.0000219	.0001005	.02304	.0008614	.0001645	.0010767	.44774
%RSD	.4102203	6.416978	.1554049	1.171181	.2959464	2.702926	.5504329

#1	.0053556	.0016126	14.80710	.0739913	.0554592	.0399309	80.82709
#2	.0053201	.0016336	14.84959	.0740944	.0554939	.0408621	81.60662
#3	.0053157	.0014501	14.81291	.0725536	.0557598	.0387149	81.59852

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.618295	8.586907	.0467599	-.003912	.7300871	.1448056	.1840105
Stddev	.023348	.048854	.0005861	.000209	.1277517	.0014808	.0010779
%RSD	.4155755	.5689377	1.253491	5.330855	17.49815	1.022612	.5857708

#1	5.591344	8.532139	.0463023	-.004058	.6272838	.1454401	.1830696
#2	5.632383	8.602583	.0474206	-.003673	.6898694	.1458635	.1851865
#3	5.631158	8.625999	.0465568	-.004006	.8731081	.1431133	.1837754

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	3.182860	2.327781	.0122587	.0018172	1.463644	5.009312	.0031143
Stddev	.040632	.007019	.0015557	.0001830	.003652	.046212	.0007845
%RSD	1.276574	.3015287	12.69045	10.07181	.2494997	.9225241	25.19159

#1	3.158227	2.321462	.0117846	.0017812	1.459488	5.059772	.0023019
#2	3.229758	2.326545	.0139962	.0016548	1.466340	4.999112	.0038677
#3	3.160596	2.335336	.0109952	.0020155	1.465103	4.969052	.0031732

Sample Name: J1224-05 Acquired: 1/22/2018 16:20:10 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v395) Mode: CONC Corr. Factor: 1.000000
 User: JASWAL Custom ID1: MF6A07 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.1873187	.0385625	.1262089
Stddev	.0019517	.0003370	.0001190
%RSD	1.041897	.8737957	.0943296

#1	.1895599	.0383070	.1261830
#2	.1859943	.0389444	.1263388
#3	.1864017	.0384362	.1261049

Int. Std.	Y_ 2243	Y_ 2243	Y_ 3600	Y_ 3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1256.860	2637.799	40634.78	12241.94	3555.230
Stddev	6.493	10.736	90.56	27.78	11.292
%RSD	.5166311	.4069917	.2228659	.2268930	.3176092

#1	1251.288	2649.415	40734.19	12252.32	3567.126
#2	1263.991	2635.741	40613.18	12210.47	3553.905
#3	1255.301	2628.242	40556.97	12263.04	3544.660

Sample Name: J1224-06 Acquired: 1/22/2018 16:24:17 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v395) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MF6A08 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0331467	-.005305	.2116877	.0049943	.0026828	67.57096	1.442219
Stddev	.0013827	.001122	.0028230	.0027070	.0006644	.29302	.005208
%RSD	4.171488	21.14580	1.333548	54.20236	24.76455	.4336441	.3610790

#1	.0328750	-.006570	.2086985	.0080633	.0022448	67.87412	1.446678
#2	.0319200	-.004911	.2120564	.0039732	.0034473	67.28926	1.436495
#3	.0346450	-.004433	.2143081	.0029463	.0023563	67.54950	1.443482

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0059809	.0015642	14.75411	.0837760	.0543787	.0428263	79.06122
Stddev	.0000652	.0000515	.07050	.0002848	.0004019	.0005699	.20417
%RSD	1.089545	3.295872	.4778491	.3399022	.7391078	1.330631	.2582384

#1	.0059426	.0015732	14.80309	.0839403	.0540686	.0423645	79.01691
#2	.0059440	.0015087	14.67331	.0839405	.0548328	.0426513	78.88284
#3	.0060562	.0016106	14.78594	.0834472	.0542348	.0434632	79.28390

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.252345	9.189972	.0507003	-.003117	.8468680	.1467815	.2070010
Stddev	.007152	.038454	.0007102	.000172	.0401489	.0042432	.0007204
%RSD	.1361593	.4184304	1.400845	5.527903	4.740872	2.890864	.3480242

#1	5.260432	9.181322	.0510477	-.003029	.8336881	.1492871	.2063508
#2	5.249745	9.156581	.0511700	-.003316	.8919502	.1491751	.2068769
#3	5.246857	9.232015	.0498833	-.003006	.8149657	.1418822	.2077754

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	3.395391	2.336701	.0081985	.0020275	1.617255	5.678120	.0090249
Stddev	.030536	.007679	.0001606	.0000470	.014265	.050352	.0017137
%RSD	.8993459	.3286076	1.959169	2.320715	.8820605	.8867696	18.98809

#1	3.422549	2.333190	.0080614	.0020560	1.624381	5.654510	.0100801
#2	3.362336	2.345507	.0083752	.0020533	1.626553	5.735938	.0099470
#3	3.401288	2.331406	.0081590	.0019732	1.600831	5.643911	.0070476

Sample Name: J1224-06 Acquired: 1/22/2018 16:24:17 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v395) Mode: CONC Corr. Factor: 1.000000
 User: JASWAL Custom ID1: MF6A08 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.2040098	.0431235	.1226355
Stddev	.0171065	.0005122	.0009439
%RSD	8.385134	1.187800	.7696793

#1	.1960810	.0432937	.1223987
#2	.1923063	.0425478	.1218326
#3	.2236421	.0435289	.1236753

Int. Std.	Y_ 2243	Y_ 2243	Y_ 3600	Y_ 3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1276.219	2690.489	41091.43	12402.62	3552.770
Stddev	8.690	11.000	89.83	50.79	4.147
%RSD	.6809171	.4088652	.2186112	.4095070	.1167303

#1	1271.706	2678.279	41008.45	12406.97	3548.068
#2	1286.237	2699.627	41079.04	12451.09	3555.907
#3	1270.714	2693.561	41186.82	12349.79	3554.335

Sample Name: J1224-07 Acquired: 1/22/2018 16:28:23 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v395) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MF6A09 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0128654	-.003604	.1379657	.0055202	.0020781	55.43483	1.480754
Stddev	.0034543	.001378	.0013370	.0018649	.0006984	.37860	.005807
%RSD	26.84973	38.22801	.9690949	33.78386	33.60972	.6829710	.3921850

#1	.0165528	-.002054	.1388571	.0034457	.0028793	55.30246	1.482746
#2	.0123386	-.004068	.1386115	.0070577	.0017578	55.86185	1.485303
#3	.0097047	-.004691	.1364283	.0060571	.0015973	55.14019	1.474213

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0048633	.0023916	18.11026	.0676792	.0259013	.0591072	38.38780
Stddev	.0000676	.0000947	.13736	.0005015	.0000701	.0003412	.33477
%RSD	1.390445	3.960975	.7584910	.7410063	.2705937	.5772524	.8720631

#1	.0048796	.0023194	17.98229	.0679688	.0258314	.0593285	38.22248
#2	.0047890	.0024988	18.25540	.0671002	.0259716	.0587142	38.77306
#3	.0049212	.0023565	18.09308	.0679688	.0259010	.0592787	38.16785

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.931624	6.383661	.0478616	-.001577	.8815612	.1203540	.2242739
Stddev	.016771	.021623	.0003526	.000082	.1081506	.0006390	.0011370
%RSD	.8682397	.3387318	.7366415	5.207052	12.26807	.5309704	.5069888

#1	1.918955	6.364336	.0482011	-.001485	.7784851	.1209980	.2255638
#2	1.950643	6.407016	.0474973	-.001600	.8720418	.1203439	.2234169
#3	1.925274	6.379631	.0478864	-.001644	.9941568	.1197201	.2238411

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	3.309465	2.274058	.0114061	.0020187	4.280323	5.083350	.0063473
Stddev	.015948	.011131	.0008332	.0001347	.029384	.079274	.0008574
%RSD	.4818952	.4894893	7.304511	6.673145	.6864984	1.559487	13.50792

#1	3.305376	2.262352	.0105062	.0019855	4.248733	5.100924	.0072584
#2	3.327059	2.284509	.0115614	.0021669	4.285394	5.152363	.0055563
#3	3.295959	2.275313	.0121507	.0019037	4.306842	4.996764	.0062273

Sample Name: J1224-07 Acquired: 1/22/2018 16:28:23 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v395) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MF6A09 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.1659008	.0318834	.1261340
Stddev	.0048368	.0003286	.0002556
%RSD	2.915499	1.030798	.2026638

#1	.1710772	.0316299	.1262667
#2	.1614964	.0322547	.1262960
#3	.1651287	.0317655	.1258393

Int. Std.	Y_ 2243	Y_ 2243	Y_ 3600	Y_ 3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1261.864	2647.435	40945.06	12342.57	3598.119
Stddev	10.382	14.700	111.79	71.64	18.272
%RSD	.8227734	.5552642	.2730265	.5804464	.5078225

#1	1251.147	2630.909	40837.59	12366.08	3577.225
#2	1271.876	2659.056	41060.72	12262.12	3611.105
#3	1262.568	2652.338	40936.87	12399.50	3606.027

Sample Name: PB105865BL Acquired: 1/22/2018 16:32:29 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v395) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: PBW001 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.002525	.0009421	.0009436	-.002578	.0012159	.0080116	-.000315
Stddev	.002015	.0019520	.0008616	.002187	.0016666	.0025304	.000404
%RSD	79.81804	207.2008	91.30832	84.84498	137.0641	31.58381	128.2858

#1	-.003631	.0030324	.0001422	-.003051	.0017040	.0105367	-.000731
#2	-.000199	.0006271	.0018548	-.004490	-.000640	.0080222	.000076
#3	-.003744	-.000833	.0008338	-.000193	.002584	.0054760	-.000291

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0000218	-.000005	-.010114	.0003971	.0000278	-.002178	.0075407
Stddev	.0000471	.000068	.003673	.0001081	.0000572	.000361	.0044740
%RSD	215.8303	1337.442	36.31214	27.22818	205.5173	16.58069	59.33126

#1	-.000004	-.000076	-.008554	.0005182	-.000001	-.002246	.0033049
#2	.000076	.000060	-.014309	.0003628	.000094	-.001788	.0070973
#3	-.000007	.000001	-.007480	.0003102	-.000009	-.002501	.0122199

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0005342	-.006986	.0001183	.0000955	.0517941	.0004482	.0000715
Stddev	.0002032	.002356	.0001324	.0000972	.0295609	.0005542	.0027665
%RSD	38.04731	33.72884	111.9337	101.7577	57.07377	123.6641	3871.873

#1	.0006096	-.008288	-.000035	.0001433	.0734339	.0001876	.0020980
#2	.0006889	-.008404	.000198	-.000016	.0638354	.0000723	.0011967
#3	.0003040	-.004266	.000191	.000159	.0181130	.0010847	-.003080

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.086027	-.001095	.0004812	.0000936	.0093611	.0010610	.0003830
Stddev	.020470	.001771	.0009311	.0000892	.0029748	.0007843	.0001445
%RSD	23.79502	161.7301	193.4984	95.33426	31.77852	73.91839	37.72565

#1	-.109620	.000824	-.000520	.0001912	.0079365	.0019025	.0005297
#2	-.075481	-.002667	.001320	.0000163	.0073664	.0009302	.0002408
#3	-.072981	-.001443	.000644	.0000732	.0127803	.0003503	.0003786

Sample Name: PB105865BL Acquired: 1/22/2018 16:32:29 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v395) Mode: CONC Corr. Factor: 1.000000
 User: JASWAL Custom ID1: PBW001 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	-.000140	-.002727	-.000014
Stddev	.000755	.000291	.000023
%RSD	538.7412	10.68077	161.7992

#1	.000616	-.002400	-.000006
#2	-.000142	-.002959	-.000041
#3	-.000894	-.002822	.000003

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1189.774	2509.361	37927.80	10703.78	3926.274
Stddev	7.485	11.368	84.06	56.58	15.608
%RSD	.6291407	.4530367	.2216358	.5285652	.3975367

#1	1181.155	2499.054	37875.59	10650.70	3915.420
#2	1194.643	2507.476	38024.77	10763.30	3919.241
#3	1193.525	2521.555	37883.05	10697.33	3944.162

Sample Name: J1224-08 Acquired: 1/22/2018 16:40:49 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v395) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MF6A10 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0289976	-.009571	.2913464	.0081451	.0046208	133.8545	2.721852
Stddev	.0017595	.004272	.0007162	.0005607	.0002384	1.1803	.008805
%RSD	6.067667	44.63235	.2458338	6.883450	5.158466	.8817519	.3234850

#1	.0272343	-.014503	.2909407	.0075465	.0044976	133.7757	2.711822
#2	.0307533	-.007041	.2921734	.0082308	.0048955	132.7155	2.725427
#3	.0290053	-.007170	.2909251	.0086580	.0044692	135.0721	2.728308

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0094026	.0040178	31.71255	.1419405	.0505162	.1348566	84.17212
Stddev	.0001202	.0000838	.25602	.0008445	.0002630	.0024403	.77897
%RSD	1.278584	2.084713	.8073003	.5949510	.5206578	1.809514	.9254453

#1	.0094616	.0040447	31.45708	.1419080	.0504244	.1376118	83.72791
#2	.0092643	.0039239	31.71147	.1428008	.0508127	.1329676	83.71689
#3	.0094819	.0040848	31.96911	.1411128	.0503113	.1339903	85.07157

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	3.230736	14.17617	.0949142	-.003906	1.343032	.2387342	.4240969
Stddev	.023600	.12690	.0003163	.000280	.081741	.0031155	.0023783
%RSD	.7304807	.8951606	.3332235	7.175391	6.086310	1.304987	.5607855

#1	3.204030	14.11954	.0946481	-.003726	1.305553	.2359766	.4213584
#2	3.239394	14.08744	.0948305	-.003764	1.286751	.2381122	.4256449
#3	3.248784	14.32152	.0952639	-.004229	1.436792	.2421137	.4252872

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	8.001052	5.019653	.0179651	.0038766	8.489250	3.570792	.0076406
Stddev	.127692	.024292	.0005774	.0001217	.052108	.035159	.0006961
%RSD	1.595942	.4839340	3.214080	3.139976	.6138092	.9846342	9.110054

#1	7.886042	5.025021	.0184831	.0038747	8.486162	3.573176	.0068531
#2	7.978653	4.993126	.0180696	.0039992	8.438756	3.534501	.0078950
#3	8.138462	5.040812	.0173425	.0037558	8.542834	3.604698	.0081736

Sample Name: J1224-08 Acquired: 1/22/2018 16:40:49 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v395) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MF6A10 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.1721568	.0799952	.2390946
Stddev	.0040144	.0001466	.0004722
%RSD	2.331823	.1832056	.1974847

#1	.1766153	.0799720	.2385584
#2	.1710259	.0801521	.2392770
#3	.1688292	.0798617	.2394484

Int. Std.	Y_ 2243	Y_ 2243	Y_ 3600	Y_ 3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1334.227	2809.230	43058.39	13322.10	3394.088
Stddev	6.044	12.221	159.89	132.90	11.480
%RSD	.4530224	.4350450	.3713369	.9975745	.3382462

#1	1340.514	2795.523	42986.46	13417.77	3380.842
#2	1328.459	2813.177	42947.10	13378.17	3400.268
#3	1333.708	2818.991	43241.62	13170.36	3401.155

Sample Name: J1224-09 Acquired: 1/22/2018 16:44:51 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v395) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MF6A11 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0238983	-.005906	.2123595	.0032451	.0021318	73.56081	1.467328
Stddev	.0019836	.001944	.0034766	.0015404	.0001826	.19434	.001051
%RSD	8.300009	32.92374	1.637120	47.46971	8.564717	.2641855	.0716508

#1	.0237864	-.007919	.2114440	.0016044	.0021959	73.37493	1.466447
#2	.0259354	-.005760	.2094323	.0046604	.0019258	73.54488	1.467044
#3	.0219730	-.004039	.2162023	.0034705	.0022737	73.76263	1.468492

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0061501	.0021595	14.10292	.0833634	.0352967	.0613374	66.45028
Stddev	.0000727	.0000583	.09045	.0006621	.0001962	.0001381	.43416
%RSD	1.182722	2.700905	.6413583	.7942842	.5558199	.2250934	.6533629

#1	.0061668	.0021075	14.02457	.0830478	.0350980	.0614955	66.10430
#2	.0060705	.0021484	14.08230	.0841243	.0353017	.0612757	66.30907
#3	.0062131	.0022226	14.20191	.0829181	.0354903	.0612409	66.93746

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.187975	8.048416	.0533990	-.003189	.8154478	.1489219	.2103750
Stddev	.014189	.066012	.0001690	.000218	.0625074	.0021261	.0031558
%RSD	.6484778	.8201903	.3165258	6.819946	7.665412	1.427694	1.500065

#1	2.176523	7.999686	.0535571	-.002958	.7452797	.1467990	.2088591
#2	2.183554	8.022019	.0534191	-.003390	.8651781	.1489154	.2082632
#3	2.203848	8.123542	.0532209	-.003220	.8358855	.1510513	.2140027

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	3.394921	2.829205	.0120096	.0015332	2.849023	6.174224	.0062622
Stddev	.014590	.008874	.0011458	.0001131	.012990	.080604	.0016459
%RSD	.4297741	.3136479	9.540712	7.378801	.4559399	1.305493	26.28298

#1	3.378156	2.826241	.0114932	.0016523	2.834027	6.142302	.0065801
#2	3.404750	2.839181	.0133227	.0015199	2.856248	6.114470	.0077259
#3	3.401855	2.822193	.0112128	.0014272	2.856794	6.265900	.0044805

Sample Name: J1224-09 Acquired: 1/22/2018 16:44:51 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v395) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MF6A11 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.2059481	.0410987	.1216099
Stddev	.0071255	.0002822	.0002888
%RSD	3.459827	.6866437	.2374524

#1	.2110182	.0410073	.1215701
#2	.2090248	.0414152	.1219165
#3	.1978012	.0408735	.1213431

Int. Std.	Y_ 2243	Y_ 2243	Y_ 3600	Y_ 3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1290.081	2708.525	41572.60	12601.06	3552.719
Stddev	6.867	5.679	61.25	21.72	4.977
%RSD	.5322847	.2096770	.1473344	.1723740	.1400889

#1	1296.083	2705.703	41569.39	12602.02	3548.841
#2	1291.566	2704.809	41513.01	12622.28	3558.331
#3	1282.593	2715.062	41635.39	12578.87	3550.986

Sample Name: J1224-10 Acquired: 1/22/2018 16:48:57 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v395) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MF6A12 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0354892	-.002019	.2655573	.0064174	.0026957	78.86129	1.731856
Stddev	.0022908	.003288	.0035514	.0015252	.0022360	.47483	.005201
%RSD	6.454974	162.8562	1.337322	23.76620	82.94602	.6021101	.3003340

#1	.0350694	-.000638	.2616559	.0081554	.0020099	78.51859	1.732249
#2	.0334374	-.005773	.2664141	.0053020	.0051944	78.66199	1.726469
#3	.0379609	.000354	.2686019	.0057947	.0008830	79.40329	1.736849

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0075096	.0023073	17.22555	.0876567	.0919751	.1302020	98.06953
Stddev	.0000942	.0000484	.11057	.0003538	.0005120	.0010532	.76112
%RSD	1.254886	2.097240	.6418835	.4036226	.5567013	.8088853	.7760985

#1	.0074031	.0022516	17.17567	.0873781	.0919531	.1298192	97.57773
#2	.0075436	.0023316	17.14871	.0875371	.0914743	.1293938	97.68464
#3	.0075821	.0023388	17.35227	.0880548	.0924977	.1313931	98.94622

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	11.20956	10.10496	.0623111	-.004948	.8308093	.1666431	.2519918
Stddev	.08595	.09590	.0004859	.000074	.1064869	.0027767	.0026155
%RSD	.7667491	.9490184	.7797766	1.497344	12.81725	1.666256	1.037941

#1	11.17965	10.04094	.0619824	-.005034	.8234196	.1645078	.2541664
#2	11.14256	10.05873	.0620817	-.004911	.7282097	.1656394	.2527195
#3	11.30647	10.21522	.0628692	-.004900	.9407986	.1697821	.2490895

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	3.306486	3.135714	.0104557	.0021017	1.913341	5.363996	.0057260
Stddev	.052214	.008999	.0016899	.0002475	.007927	.108598	.0012454
%RSD	1.579145	.2869882	16.16214	11.77739	.4142910	2.024568	21.75000

#1	3.288660	3.141206	.0085337	.0018165	1.913236	5.291171	.0065303
#2	3.265520	3.125329	.0111250	.0022605	1.905467	5.312000	.0063563
#3	3.365279	3.140608	.0117083	.0022281	1.921320	5.488816	.0042915

Sample Name: J1224-10 Acquired: 1/22/2018 16:48:57 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v395) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MF6A12 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.1928752	.0506602	.1261984
Stddev	.0015602	.0005340	.0001838
%RSD	.8089145	1.054125	.1456174

#1	.1946696	.0500446	.1260148
#2	.1921167	.0509372	.1261981
#3	.1918393	.0509987	.1263823

Int. Std.	Y_ 2243	Y_ 2243	Y_ 3600	Y_ 3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1323.805	2750.851	42199.99	12625.15	3539.921
Stddev	6.701	1.718	142.80	60.89	2.674
%RSD	.5061684	.0624534	.3383895	.4823007	.0755364

#1	1316.087	2752.397	42077.76	12610.31	3540.907
#2	1328.145	2749.002	42165.26	12692.10	3541.962
#3	1327.181	2751.154	42356.95	12573.06	3536.894

Sample Name: J1224-11 Acquired: 1/22/2018 16:53:02 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v395) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MF6A16 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0115599	-.005646	.1433246	.0037098	.0020305	59.54780	1.608270
Stddev	.0005431	.000640	.0019970	.0005155	.0018635	.55804	.006880
%RSD	4.698116	11.34267	1.393320	13.89629	91.77369	.9371374	.4277917

#1	.0113628	-.004916	.1426091	.0032416	.0014361	59.23054	1.604719
#2	.0121740	-.005907	.1417839	.0042623	.0005367	59.22071	1.603890
#3	.0111428	-.006115	.1455808	.0036256	.0041186	60.19215	1.616200

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0048794	.0013811	59.76045	.0895901	.0195365	.0355462	33.01217
Stddev	.0000870	.0000427	.38848	.0010230	.0001878	.0004267	.32172
%RSD	1.783114	3.088740	.6500600	1.141853	.9612784	1.200548	.9745608

#1	.0047906	.0014303	59.43817	.0886529	.0196454	.0357775	32.75079
#2	.0049645	.0013549	59.65136	.0894361	.0196445	.0358074	32.91424
#3	.0048832	.0013581	60.19180	.0906814	.0193197	.0350537	33.37148

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.159409	6.657353	.0447176	-.001364	.6909325	.0863212	.1682253
Stddev	.008724	.045657	.0003380	.000063	.1271310	.0016369	.0033847
%RSD	.7524870	.6858182	.7559224	4.637211	18.39992	1.896297	2.012022

#1	1.154714	6.617269	.0446360	-.001416	.7740547	.0846188	.1713398
#2	1.154037	6.647738	.0444279	-.001382	.5445844	.0878837	.1687130
#3	1.169475	6.707052	.0450890	-.001293	.7541585	.0864612	.1646232

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	3.639989	2.511998	.0089213	.0016544	2.866567	6.397050	.0033201
Stddev	.064857	.007579	.0004290	.0003978	.005997	.022231	.0010570
%RSD	1.781799	.3017207	4.808566	24.04464	.2091912	.3475141	31.83803

#1	3.619406	2.520065	.0090399	.0016391	2.872838	6.400920	.0021613
#2	3.587921	2.510901	.0084455	.0012645	2.860888	6.373138	.0035672
#3	3.712640	2.505026	.0092785	.0020596	2.865977	6.417091	.0042316

Sample Name: J1224-11 Acquired: 1/22/2018 16:53:02 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v395) Mode: CONC Corr. Factor: 1.000000
 User: JASWAL Custom ID1: MF6A16 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.2059559	.0384756	.1595636
Stddev	.0031803	.0009814	.0004321
%RSD	1.544178	2.550685	.2707817

#1	.2053252	.0385625	.1590692
#2	.2094043	.0374536	.1597529
#3	.2031381	.0394106	.1598688

Int. Std.	Y_ 2243	Y_ 2243	Y_ 3600	Y_ 3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1234.594	2585.726	39985.25	12068.81	3481.335
Stddev	8.794	5.403	110.50	39.36	10.115
%RSD	.7122732	.2089582	.2763615	.3261528	.2905367

#1	1225.165	2585.887	39862.67	12112.69	3474.876
#2	1242.572	2591.046	40077.22	12057.11	3492.991
#3	1236.045	2580.244	40015.86	12036.62	3476.137

Sample Name: J1224-12 Acquired: 1/22/2018 16:57:08 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v395) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MF6A16D Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0131658	-.001785	.1416448	.0027717	.0012903	59.22533	1.598571
Stddev	.0008918	.000542	.0020358	.0044241	.0014041	.53689	.009733
%RSD	6.773368	30.38343	1.437288	159.6150	108.8139	.9065265	.6088736

#1	.0126234	-.001186	.1396282	-.002080	.0003441	58.63309	1.587338
#2	.0141950	-.002243	.1416069	.003814	.0029036	59.36274	1.604496
#3	.0126790	-.001926	.1436994	.006582	.0006233	59.68017	1.603879

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0048395	.0013128	59.07446	.0888345	.0190138	.0354560	32.83041
Stddev	.0000533	.0000559	.35990	.0002786	.0000901	.0011370	.25973
%RSD	1.101757	4.255151	.6092350	.3136198	.4739415	3.206780	.7911377

#1	.0048927	.0013717	58.71619	.0886378	.0190816	.0366137	32.54875
#2	.0048398	.0013060	59.07124	.0891533	.0190483	.0354134	32.88204
#3	.0047861	.0012606	59.43597	.0887125	.0189116	.0343409	33.06046

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.149415	6.570423	.0449540	-.001590	.5976058	.0847034	.1637393
Stddev	.011244	.060554	.0004543	.000232	.0651988	.0014897	.0031686
%RSD	.9782779	.9216175	1.010469	14.62125	10.91000	1.758751	1.935176

#1	1.136943	6.520094	.0445378	-.001323	.6019841	.0840383	.1665358
#2	1.152528	6.553552	.0448858	-.001700	.5303282	.0836620	.1602978
#3	1.158776	6.637624	.0454385	-.001747	.6605050	.0864098	.1643841

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	3.625222	2.513082	.0092987	.0015767	2.853940	6.409439	.0029857
Stddev	.094476	.010162	.0005705	.0002658	.006890	.132979	.0015474
%RSD	2.606084	.4043495	6.135612	16.85729	.2414127	2.074738	51.82565

#1	3.518037	2.524417	.0099396	.0014200	2.846876	6.347593	.0025299
#2	3.661230	2.504787	.0088461	.0018836	2.854302	6.562077	.0047098
#3	3.696400	2.510042	.0091105	.0014266	2.860641	6.318645	.0017175

Sample Name: J1224-12 Acquired: 1/22/2018 16:57:08 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v395) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MF6A16D Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.2039936	.0379804	.1582916
Stddev	.0049884	.0002499	.0008360
%RSD	2.445368	.6579413	.5281382

#1	.2096369	.0377007	.1575472
#2	.2021713	.0380590	.1591960
#3	.2001726	.0381816	.1581315

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1229.442	2589.703	40040.12	12127.01	3488.540
Stddev	4.074	2.392	73.18	46.19	3.144
%RSD	.3314015	.0923625	.1827706	.3808523	.0901210

#1	1224.843	2589.265	40013.67	12161.15	3491.135
#2	1230.884	2592.284	39983.84	12145.43	3489.440
#3	1232.599	2587.560	40122.85	12074.46	3485.044

Sample Name: J1224-13 Acquired: 1/22/2018 17:01:14 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v395) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MF6A16S Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0790566	.0920383	.1754518	.0880384	.1715086	60.70177	5.224969
Stddev	.0015502	.0018346	.0024162	.0010026	.0016685	.21306	.013293
%RSD	1.960838	1.993317	1.377135	1.138784	.9728129	.3509955	.2544111

#1	.0807596	.0912356	.1738923	.0888008	.1697856	60.48682	5.228051
#2	.0786824	.0941375	.1742282	.0869027	.1716236	60.91289	5.236451
#3	.0777278	.0907419	.1782351	.0884116	.1731166	60.70560	5.210406

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0918850	.0924865	52.75537	.4512818	.9563022	.4818756	33.65388
Stddev	.0002394	.0005360	.20925	.0030002	.0033778	.0010068	.19941
%RSD	.2605417	.5795569	.3966445	.6648261	.3532183	.2089362	.5925429

#1	.0919967	.0918678	52.73296	.4486820	.9532533	.4821142	33.44928
#2	.0916102	.0927808	52.97493	.4545647	.9557201	.4807709	33.84767
#3	.0920482	.0928109	52.55823	.4505987	.9599333	.4827417	33.66468

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.049230	6.377634	.9910354	.0696695	.5941657	.9859402	.8872190
Stddev	.009499	.047196	.0018251	.0003957	.0253056	.0024167	.0081739
%RSD	.4635614	.7400194	.1841580	.5680173	4.259007	.2451192	.9212908

#1	2.045220	6.346270	.9893996	.0700566	.5705345	.9833263	.8817766
#2	2.060077	6.431912	.9907025	.0696862	.6208658	.9880936	.8832621
#3	2.042393	6.354719	.9930040	.0692656	.5910968	.9864006	.8966183

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	3.469326	2.466589	.0080312	.0015823	2.842850	6.113050	.0023699
Stddev	.060955	.013158	.0017486	.0003817	.023544	.092453	.0019065
%RSD	1.756963	.5334430	21.77225	24.12581	.8281783	1.512387	80.44644

#1	3.427396	2.455488	.0068164	.0020225	2.817677	6.213647	.0043059
#2	3.539249	2.481123	.0100353	.0013422	2.864328	6.093697	.0004942
#3	3.441332	2.463156	.0072419	.0013822	2.846545	6.031805	.0023097

Sample Name: J1224-13 Acquired: 1/22/2018 17:01:14 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v395) Mode: CONC Corr. Factor: 1.000000
 User: JASWAL Custom ID1: MF6A16S Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.1953590	.0377927	.1498281
Stddev	.0001160	.0005202	.0003839
%RSD	.0593855	1.376415	.2562111

#1	.1952334	.0373691	.1494484
#2	.1953816	.0376356	.1502160
#3	.1954621	.0383733	.1498199

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1235.109	2588.614	40080.40	12093.71	3504.707
Stddev	9.797	3.043	21.67	55.92	8.718
%RSD	.7932054	.1175449	.0540768	.4623575	.2487441

#1	1230.061	2589.687	40066.12	12054.49	3509.148
#2	1246.400	2590.976	40069.74	12068.90	3510.309
#3	1228.865	2585.181	40105.34	12157.74	3494.663

Sample Name: J1224-11LX5 Acquired: 1/22/2018 17:05:15 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v395) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MF6A16 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0022387	-.002242	.0281635	.0005544	.0005344	12.71275	.3465148
Stddev	.0015175	.001037	.0002123	.0013094	.0014334	.09507	.0017445
%RSD	67.78722	46.26788	.7538548	236.1978	268.2410	.7478663	.5034262

#1	.0028448	-.001843	.0280107	.0008024	.0021883	12.79221	.3467490
#2	.0033594	-.001463	.0280739	-.000861	-.000238	12.73863	.3481303
#3	.0005117	-.003420	.0284060	.001722	-.000348	12.60742	.3446651

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0011809	.0001739	11.93788	.0197768	.0034828	.0068459	7.276791
Stddev	.0000689	.0000575	.06802	.0002523	.0002068	.0011413	.047793
%RSD	5.831357	33.07959	.5697871	1.275746	5.936856	16.67082	.6567857

#1	.0011049	.0002137	11.95178	.0198381	.0034441	.0072079	7.296022
#2	.0011985	.0001079	11.99788	.0199929	.0037062	.0055676	7.311973
#3	.0012392	.0002001	11.86399	.0194996	.0032982	.0077623	7.222378

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.2561087	1.441246	.0086086	-.000366	.1617595	.0201413	.0346810
Stddev	.0004826	.006266	.0000869	.000140	.0220454	.0007903	.0003364
%RSD	.1884355	.4347808	1.008992	38.34944	13.62852	3.923770	.9700612

#1	.2562891	1.446942	.0086316	-.000506	.1461221	.0199457	.0342927
#2	.2564752	1.434534	.0085126	-.000365	.1521826	.0210111	.0348850
#3	.2555619	1.442263	.0086817	-.000226	.1869737	.0194672	.0348653

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.6371966	.4912763	.0019226	.0004640	.5778118	1.384604	.0003796
Stddev	.0456174	.0029980	.0011525	.0001318	.0053781	.031148	.0008694
%RSD	7.159079	.6102406	59.94563	28.40568	.9307631	2.249576	229.0234

#1	.6631707	.4878906	.0005919	.0003306	.5827533	1.409912	-.000144
#2	.6638953	.4923445	.0026040	.0004671	.5785982	1.394080	-.000100
#3	.5845238	.4935939	.0025718	.0005942	.5720838	1.349818	.001383

Sample Name: J1224-11LX5 Acquired: 1/22/2018 17:05:15 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v395) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MF6A16 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.0417747	.0059418	.0332690
Stddev	.0027856	.0006392	.0000138
%RSD	6.668048	10.75701	.0415346

#1	.0403996	.0052378	.0332659
#2	.0449805	.0061020	.0332571
#3	.0399441	.0064856	.0332842

Int. Std.	Y_ 2243	Y_ 2243	Y_ 3600	Y_ 3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1194.747	2514.238	38205.16	11136.97	3764.955
Stddev	12.386	3.609	167.53	133.32	5.149
%RSD	1.036713	.1435265	.4384915	1.197121	.1367595

#1	1199.974	2510.096	38148.86	10983.99	3759.296
#2	1180.605	2516.702	38073.03	11198.49	3769.363
#3	1203.663	2515.916	38393.58	11228.42	3766.206

Sample Name: J1224-14 Acquired: 1/22/2018 17:09:23 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v395) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MF6A17 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0750084	-.009716	.2448760	.0310242	.0052044	59.01722	1.689883
Stddev	.0015584	.001640	.0013186	.0047411	.0011753	.22544	.006447
%RSD	2.077670	16.87454	.5384946	15.28189	22.58276	.3819829	.3815333

#1	.0750322	-.011512	.2463351	.0309643	.0047870	58.96159	1.687394
#2	.0734382	-.008300	.2437694	.0357949	.0065314	58.82481	1.685051
#3	.0765548	-.009337	.2445236	.0263134	.0042947	59.26526	1.697204

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0056821	.0019157	28.15230	.1009857	.0342328	.0517783	132.5567
Stddev	.0000272	.0001452	.00750	.0003037	.0004062	.0003050	.2661
%RSD	.4789306	7.576956	.0266321	.3007770	1.186671	.5890071	.2007550

#1	.0057134	.0020807	28.16086	.1008825	.0338186	.0520839	132.5045
#2	.0056643	.0018077	28.14687	.1007470	.0346306	.0517772	132.3205
#3	.0056686	.0018587	28.14918	.1013276	.0342493	.0514739	132.8450

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	3.892364	7.492824	.0456089	-.005903	.7977793	.2756652	.1342216
Stddev	.013904	.025024	.0003429	.000207	.0547745	.0027704	.0031134
%RSD	.3572166	.3339779	.7519097	3.512629	6.865873	1.005003	2.319624

#1	3.896429	7.484862	.0452142	-.005664	.8134031	.2724727	.1373337
#2	3.876880	7.472750	.0458342	-.006004	.7368904	.2774382	.1311068
#3	3.903782	7.520861	.0457782	-.006040	.8430445	.2770847	.1342243

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	3.451070	2.357873	.0204829	.0053092	2.140880	6.088608	.0044425
Stddev	.010243	.018010	.0032799	.0001112	.020302	.020110	.0023300
%RSD	.2968025	.7638043	16.01290	2.094918	.9482848	.3302930	52.44747

#1	3.460043	2.371488	.0184757	.0054035	2.142575	6.076786	.0067266
#2	3.453257	2.337452	.0187052	.0051866	2.119784	6.077210	.0045317
#3	3.439910	2.364678	.0242679	.0053375	2.160281	6.111828	.0020692

Sample Name: J1224-14 Acquired: 1/22/2018 17:09:23 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v395) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MF6A17 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.2144793	.0359016	.1605200
Stddev	.0028639	.0002058	.0007950
%RSD	1.335298	.5732801	.4952610

#1	.2113211	.0357391	.1596029
#2	.2152092	.0358326	.1609421
#3	.2169077	.0361330	.1610149

Int. Std.	Y_ 2243	Y_ 2243	Y_ 3600	Y_ 3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1194.461	2507.295	38650.30	11757.75	3516.965
Stddev	13.541	4.874	185.97	69.94	3.303
%RSD	1.133682	.1944126	.4811623	.5948461	.0939097

#1	1178.825	2501.692	38509.07	11720.07	3513.155
#2	1202.146	2510.559	38580.84	11714.72	3519.022
#3	1202.411	2509.635	38861.01	11838.45	3518.717

Sample Name: J1224-15 Acquired: 1/22/2018 17:13:30 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v395) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MF6A24 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0310328	-.006857	.7796680	.0060362	.0040842	88.85325	1.235327
Stddev	.0028521	.001505	.0046035	.0016761	.0012360	.18792	.002512
%RSD	9.190497	21.95122	.5904391	27.76785	30.26382	.2114894	.2033647

#1	.0342987	-.006936	.7849828	.0064456	.0047836	88.65349	1.232539
#2	.0297673	-.005313	.7770900	.0041933	.0026571	89.02651	1.236027
#3	.0290325	-.008320	.7769311	.0074697	.0048120	88.87976	1.237414

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0060107	.0011686	8.284076	.1013413	.0573680	.0459787	90.46460
Stddev	.0000733	.0000524	.018763	.0008793	.0004086	.0014345	.25957
%RSD	1.219668	4.487708	.2264930	.8676467	.7122888	3.119863	.2869307

#1	.0060944	.0011928	8.262463	.1008201	.0574952	.0466847	90.25182
#2	.0059804	.0011085	8.293575	.1023565	.0576979	.0443281	90.75380
#3	.0059575	.0012047	8.296189	.1008472	.0569109	.0469234	90.38818

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.784391	9.950062	.0561434	-.003857	.9264231	.1743911	.2013427
Stddev	.009562	.008376	.0007050	.000151	.0704633	.0003509	.0025435
%RSD	.3434096	.0841836	1.255655	3.923563	7.605956	.2012067	1.263274

#1	2.774834	9.959386	.0553343	-.003966	.8647990	.1740492	.2000292
#2	2.793957	9.947630	.0564707	-.003922	.9112248	.1747503	.1997246
#3	2.784381	9.943172	.0566252	-.003684	1.003245	.1743739	.2042745

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	3.757946	2.860624	.0120196	.0023117	2.237241	8.268005	.0067105
Stddev	.039615	.011883	.0014834	.0001132	.003730	.057427	.0025095
%RSD	1.054161	.4153981	12.34142	4.896402	.1667314	.6945747	37.39607

#1	3.792538	2.863136	.0103327	.0021961	2.238946	8.328731	.0088797
#2	3.714729	2.847685	.0131203	.0023166	2.232963	8.214573	.0072897
#3	3.766569	2.871049	.0126058	.0024223	2.239814	8.260710	.0039621

Sample Name: J1224-15 Acquired: 1/22/2018 17:13:30 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v395) Mode: CONC Corr. Factor: 1.000000
 User: JASWAL Custom ID1: MF6A24 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.2656929	.0513829	.1064472
Stddev	.0086699	.0007156	.0002045
%RSD	3.263122	1.392773	.1920922

#1	.2620587	.0506155	.1063089
#2	.2755884	.0515011	.1066821
#3	.2594315	.0520320	.1063506

Int. Std.	Y_ 2243	Y_ 2243	Y_ 3600	Y_ 3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1257.004	2670.125	40560.08	12274.76	3537.334
Stddev	2.735	2.997	202.43	98.49	6.168
%RSD	.2175750	.1122456	.4990866	.8023471	.1743594

#1	1257.321	2671.583	40346.27	12161.90	3535.220
#2	1254.124	2672.114	40585.19	12319.05	3532.501
#3	1259.567	2666.678	40748.78	12343.31	3544.281

Sample Name: J1224-16 Acquired: 1/22/2018 17:17:36 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v395) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MF6A13 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0172921	-.004606	.1322185	.0027281	.0023767	69.87232	1.342471
Stddev	.0022538	.001878	.0010411	.0024597	.0015605	.52105	.008996
%RSD	13.03373	40.78057	.7874039	90.16134	65.65917	.7457130	.6701121

#1	.0180864	-.002451	.1322171	.0049425	.0029933	69.74481	1.340640
#2	.0147487	-.005471	.1311781	.0000806	.0006021	70.44529	1.352241
#3	.0190412	-.005895	.1332603	.0031614	.0035346	69.42687	1.334531

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0049861	.0016997	14.36756	.0730593	.0300641	.0543668	48.86723
Stddev	.0000277	.0001229	.11144	.0005841	.0001501	.0008259	.23530
%RSD	.5554111	7.231069	.7756103	.7994278	.4991913	1.519063	.4815028

#1	.0049984	.0017088	14.24181	.0725531	.0301121	.0540998	48.69352
#2	.0049544	.0015725	14.45406	.0729265	.0298959	.0537074	49.13501
#3	.0050056	.0018179	14.40682	.0736984	.0301842	.0552931	48.77316

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.086472	7.312962	.0454114	-.002079	.5676785	.1289981	.2168778
Stddev	.022343	.057955	.0003901	.000009	.0472079	.0029743	.0051379
%RSD	1.070871	.7925013	.8590903	.4243524	8.315950	2.305661	2.369029

#1	2.069020	7.269573	.0455726	-.002089	.6134767	.1255901	.2116103
#2	2.111654	7.378780	.0449665	-.002074	.5703816	.1310696	.2218755
#3	2.078742	7.290532	.0456951	-.002073	.5191772	.1303347	.2171476

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	3.891240	1.984841	.0096040	.0014326	2.305778	6.015863	.0043873
Stddev	.059434	.013663	.0004433	.0001831	.026276	.132820	.0012297
%RSD	1.527388	.6883847	4.616191	12.78140	1.139593	2.207835	28.02835

#1	3.859950	1.969163	.0092693	.0016218	2.277752	6.144680	.0030958
#2	3.959782	1.991153	.0094358	.0012562	2.309723	6.023536	.0055441
#3	3.853987	1.994208	.0101068	.0014197	2.329859	5.879372	.0045221

Sample Name: J1224-16 Acquired: 1/22/2018 17:17:36 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v395) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MF6A13 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.1937526	.0388781	.1028721
Stddev	.0087026	.0001753	.0002468
%RSD	4.491620	.4509542	.2398716

#1	.1872926	.0390627	.1028317
#2	.1903164	.0388578	.1026480
#3	.2036487	.0387138	.1031365

Int. Std.	Y_ 2243	Y_ 2243	Y_ 3600	Y_ 3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1233.248	2598.637	39991.00	12081.42	3548.028
Stddev	2.309	7.205	66.93	19.60	2.925
%RSD	.1872099	.2772490	.1673504	.1622521	.0824352

#1	1231.619	2593.152	39923.53	12094.73	3544.651
#2	1235.890	2595.963	40057.37	12090.63	3549.661
#3	1232.235	2606.796	39992.11	12058.91	3549.772

Sample Name: J1224-17 Acquired: 1/22/2018 17:21:43 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v395) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MF6A14 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0149370	-.006331	.1323719	.0025820	.0015683	61.52332	1.727592
Stddev	.0019444	.004342	.0008213	.0014568	.0013854	.16796	.002973
%RSD	13.01735	68.58581	.6204135	56.41989	88.33582	.2730065	.1720790

#1	.0136908	-.007596	.1321098	.0022560	-.000022	61.36772	1.725312
#2	.0171775	-.001497	.1317138	.0041742	.002513	61.50087	1.726509
#3	.0139428	-.009900	.1332923	.0013159	.002214	61.70138	1.730954

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0046824	.0018597	19.58393	.0919858	.0160202	.0615578	33.33715
Stddev	.0000814	.0000825	.16829	.0001938	.0001930	.0011748	.28420
%RSD	1.738110	4.438071	.8593447	.2106446	1.204675	1.908404	.8524940

#1	.0046833	.0018525	19.43852	.0920323	.0162430	.0625596	33.09038
#2	.0047634	.0019457	19.54499	.0917730	.0159052	.0602648	33.27318
#3	.0046006	.0017811	19.76828	.0921521	.0159124	.0618489	33.64787

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.417401	6.887079	.0403512	-.001378	.5326180	.0879356	.2064277
Stddev	.017805	.051137	.0005004	.000118	.1144609	.0030914	.0085963
%RSD	1.256188	.7425127	1.240106	8.534332	21.49024	3.515515	4.164327

#1	1.400077	6.834991	.0398028	-.001513	.6563431	.0855305	.1970138
#2	1.416474	6.889035	.0404680	-.001324	.4305018	.0868537	.2084089
#3	1.435652	6.937210	.0407829	-.001298	.5110090	.0914225	.2138605

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	3.799393	1.953756	.0110796	.0017244	3.668175	5.164075	.0059891
Stddev	.016290	.009997	.0014175	.0002142	.014102	.032751	.0003078
%RSD	.4287469	.5117019	12.79372	12.41894	.3844389	.6342013	5.139839

#1	3.789786	1.943880	.0096840	.0016782	3.660052	5.200503	.0057854
#2	3.818202	1.953519	.0125180	.0015371	3.660014	5.137065	.0058386
#3	3.790192	1.963870	.0110367	.0019579	3.684458	5.154657	.0063432

Sample Name: J1224-17 Acquired: 1/22/2018 17:21:43 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v395) Mode: CONC Corr. Factor: 1.000000
 User: JASWAL Custom ID1: MF6A14 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.1786026	.0390049	.1354837
Stddev	.0051667	.0006130	.0001823
%RSD	2.892857	1.571461	.1345849

#1	.1745425	.0394796	.1356589
#2	.1768468	.0383129	.1354972
#3	.1844184	.0392221	.1352949

Int. Std.	Y_ 2243	Y_ 2243	Y_ 3600	Y_ 3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1236.763	2609.194	40213.78	12229.46	3595.391
Stddev	5.964	13.454	49.96	45.89	18.375
%RSD	.4822564	.5156234	.1242247	.3752526	.5110790

#1	1229.950	2617.232	40158.20	12186.96	3611.463
#2	1239.296	2616.687	40254.92	12278.12	3599.351
#3	1241.042	2593.662	40228.23	12223.30	3575.358

Sample Name: CCV073 Acquired: 1/22/2018 17:28:10 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v395) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: CCV073 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.985082	4.893102	24.58422	4.989290	4.960553	377.4953
Stddev	.023518	.019153	.04158	.007274	.018717	1.7017
%RSD	.4717603	.3914304	.1691169	.1457969	.3773137	.4507949

#1	4.959122	4.882565	24.54078	4.982480	4.940376	375.6580
#2	4.991159	4.881530	24.58825	4.988438	4.963934	379.0173
#3	5.004964	4.915210	24.62363	4.996953	4.977349	377.8107

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	9.794214	.5045571	2.517612	387.0780	15.43549	2.486450
Stddev	.045499	.0037196	.009410	4.7023	.04629	.005685
%RSD	.4645455	.7372035	.3737720	1.214820	.2998625	.2286411

#1	9.756426	.5002702	2.509343	381.6970	15.38758	2.481431
#2	9.781499	.5069298	2.515641	390.3973	15.47996	2.485296
#3	9.844718	.5064712	2.527851	389.1395	15.43894	2.492624

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	14.91437	374.8558	14.55931	387.6207	2.477393	F 1.404381
Stddev	.03374	3.6248	.15782	3.4813	.011082	.002753
%RSD	.2262527	.9669876	1.083949	.8981105	.4473266	.1960637

#1	14.87556	370.7206	14.38796	383.6266	2.471834	1.402211
#2	14.93677	377.4843	14.69870	390.0105	2.470191	1.403453
#3	14.93077	376.3624	14.59127	389.2251	2.490154	1.407478

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	377.2382	2.431745	13.53665	146.0164	5.174154	4.884855
Stddev	2.3097	.031638	.07006	.5341	.015041	.035797
%RSD	.6122537	1.301022	.5175694	.3657747	.2906907	.7328080

#1	374.8090	2.398386	13.45576	145.4165	5.184519	4.843530
#2	379.4061	2.461320	13.57635	146.4404	5.156903	4.904776
#3	377.4996	2.435529	13.57785	146.1923	5.181039	4.906260

Sample Name: CCV073 Acquired: 1/22/2018 17:28:10 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v395) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: CCV073 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.973701	5.140263	4.809867	5.037927	4.981283	4.941453
Stddev	.021416	.012531	.036555	.017127	.027634	.003756
%RSD	.4305823	.2437902	.7599984	.3399537	.5547650	.0760102

#1	4.959243	5.137656	4.769627	5.018713	4.952243	4.937383
#2	4.963557	5.129240	4.818951	5.043478	4.984351	4.942191
#3	4.998304	5.153893	4.841024	5.051590	5.007256	4.944786

Elem	Sr4077
Units	ppm
Avg	4.991633
Stddev	.063853
%RSD	1.279193

#1	4.942442
#2	5.063792
#3	4.968664

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	920.0922	1974.720	30847.40	10115.18	2579.872
Stddev	3.4860	3.130	108.66	45.88	1.632
%RSD	.3788708	.1585199	.3522486	.4535684	.0632540

#1	917.2508	1977.181	30751.26	10166.63	2578.103
#2	923.9820	1975.782	30965.29	10100.42	2580.197
#3	919.0436	1971.197	30825.65	10078.50	2581.317

Sample Name: CCB073 Acquired: 1/22/2018 17:32:14 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v395) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: CCB073 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0008521	.0014755	.0002870	-.000115	.0008547	.0163139	.0003283
Stddev	.0015766	.0004701	.0005931	.002511	.0009053	.0057907	.0003683
%RSD	185.0174	31.86262	206.6821	2185.478	105.9194	35.49542	112.1867

#1	.0006415	.0009858	.0009688	.002709	.0004516	.0217022	.0007536
#2	-.000609	.0019232	-.000110	-.002095	.0002209	.0170485	.0001156
#3	.002523	.0015175	.000002	-.000958	.0018914	.0101910	.0001158

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0000287	-.000024	.0171839	.0004487	-.000089	-.000637	.0196220
Stddev	.0000273	.000033	.0024550	.0003980	.000036	.000567	.0100932
%RSD	95.27308	138.5945	14.28666	88.71348	40.63937	88.98007	51.43796

#1	.0000406	.000008	.0170349	.0008669	-.000079	-.000040	.0284288
#2	.0000480	-.000022	.0148068	.0004046	-.000130	-.001167	.0218295
#3	-.000003	-.000058	.0197101	.0000745	-.000059	-.000704	.0086078

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0009027	.0081385	-.000273	.0001125	.0651309	.0003434	-.000190
Stddev	.0004494	.0043168	.000267	.0001858	.0976685	.0034924	.002564
%RSD	49.78924	53.04120	97.53624	165.1423	149.9574	1016.908	1347.074

#1	.0011088	.0060257	-.000551	.0002627	.1774969	.0008774	-.003123
#2	.0012121	.0131047	-.000251	.0001700	.0006085	-.003385	.001625
#3	.0003871	.0052852	-.000018	-.000095	.0172872	.003538	.000927

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.051672	-.000218	.0072511	.0002518	.0059375	.0016472	.0005138
Stddev	.042790	.000554	.0007294	.0002927	.0037503	.0003876	.0009385
%RSD	82.81128	253.5061	10.05916	116.2379	63.16183	23.53245	182.6538

#1	-.091868	-.000116	.0080926	.0005070	.0075785	.0012169	-.000269
#2	-.056458	-.000816	.0068605	.0003160	.0016465	.0019690	.001554
#3	-.006690	.000277	.0068001	-.000068	.0085876	.0017558	.000256

Sample Name: CCB073 Acquired: 1/22/2018 17:32:14 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v395) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: CCB073 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	-.000208	.0030794	.0001723
Stddev	.000544	.0004023	.0001064
%RSD	260.8697	13.06287	61.72270

#1	.000214	.0035156	.0002864
#2	-.000822	.0029995	.0001545
#3	-.000017	.0027231	.0000760

Int. Std.	Y_ 2243	Y_ 2243	Y_ 3600	Y_ 3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1191.623	2505.919	37942.78	10818.33	3923.464
Stddev	8.945	10.729	214.62	99.75	7.889
%RSD	.7506698	.4281278	.5656519	.9220342	.2010652

#1	1181.422	2493.532	37696.61	10933.28	3917.733
#2	1198.127	2512.216	38090.68	10754.45	3920.198
#3	1195.321	2512.010	38041.04	10767.28	3932.461

Sample Name: J1224-18 Acquired: 1/22/2018 17:36:25 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v395) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MF6A15 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0250451	-.007118	.3595945	.0079527	.0023324	69.42513	1.909982
Stddev	.0031236	.002704	.0017107	.0030669	.0005770	.37655	.012445
%RSD	12.47177	37.98600	.4757403	38.56404	24.73925	.5423823	.6515857

#1	.0225722	-.007665	.3604814	.0049790	.0016721	69.04371	1.895820
#2	.0240077	-.009506	.3606798	.0077740	.0025857	69.43508	1.919174
#3	.0285554	-.004182	.3576225	.0111050	.0027395	69.79661	1.914953

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0059288	.0028475	38.13427	.0786181	.0336254	.0616524	68.56162
Stddev	.0000695	.0001486	.28799	.0002341	.0000715	.0012301	.42182
%RSD	1.171917	5.217321	.7551914	.2978155	.2126499	1.995163	.6152414

#1	.0058609	.0029342	37.81626	.0783501	.0337070	.0613473	68.17751
#2	.0059257	.0029325	38.20906	.0787826	.0335959	.0630063	68.49430
#3	.0059998	.0026760	38.37748	.0787217	.0335734	.0606036	69.01305

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	3.879796	7.639395	.0576072	-.002937	.6900554	.1267007	.1852687
Stddev	.027509	.021223	.0006550	.000322	.1570655	.0006910	.0046831
%RSD	.7090232	.2778067	1.137026	10.98020	22.76129	.5453715	2.527755

#1	3.850139	7.614994	.0570904	-.002766	.5422522	.1264290	.1841324
#2	3.884773	7.649628	.0573873	-.003309	.6729339	.1274862	.1812583
#3	3.904477	7.653562	.0583439	-.002735	.8549802	.1261868	.1904155

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	3.060164	3.752997	.0119152	.0015876	2.957557	4.366947	.0039899
Stddev	.028226	.027935	.0020887	.0001595	.015751	.090854	.0002783
%RSD	.9223659	.7443510	17.52955	10.04947	.5325673	2.080501	6.976292

#1	3.030869	3.782146	.0103951	.0014095	2.974563	4.336538	.0037777
#2	3.062440	3.726458	.0110537	.0016359	2.943470	4.469105	.0043050
#3	3.087182	3.750389	.0142969	.0017174	2.954638	4.295197	.0038868

Sample Name: J1224-18 Acquired: 1/22/2018 17:36:25 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v395) Mode: CONC Corr. Factor: 1.000000
 User: JASWAL Custom ID1: MF6A15 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.1506287	.0446023	.1880503
Stddev	.0020805	.0006713	.0004976
%RSD	1.381228	1.505084	.2646213

#1	.1526751	.0438607	.1875079
#2	.1485157	.0451685	.1881573
#3	.1506952	.0447778	.1884858

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1257.009	2632.266	40457.29	12282.10	3511.210
Stddev	7.683	2.777	11.75	15.09	4.391
%RSD	.6112228	.1054864	.0290310	.1228987	.1250446

#1	1262.721	2633.462	40458.80	12283.42	3506.998
#2	1260.031	2629.092	40468.21	12266.38	3510.873
#3	1248.274	2634.245	40444.87	12296.49	3515.760

Sample Name: J1224-19 Acquired: 1/22/2018 17:40:30 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v395) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MF6A18 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0103791	-.002593	.0864000	.0033391	.0020831	37.79600	1.200869
Stddev	.0027888	.000903	.0024293	.0007992	.0011515	.55767	.013604
%RSD	26.86947	34.81493	2.811736	23.93446	55.27758	1.475470	1.132836

#1	.0087745	-.003060	.0870369	.0042358	.0019597	37.27947	1.189952
#2	.0135993	-.003166	.0884475	.0030797	.0009984	37.72127	1.196547
#3	.0087634	-.001552	.0837157	.0027019	.0032914	38.38727	1.216109

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0036165	.0014906	15.92232	.0417544	.0125213	.0337307	25.87806
Stddev	.0000296	.0000239	.24433	.0002091	.0002693	.0023947	.46389
%RSD	.8179974	1.600815	1.534509	.5006699	2.150637	7.099566	1.792617

#1	.0036487	.0015135	15.65724	.0418458	.0126852	.0313832	25.39374
#2	.0036102	.0014659	15.97122	.0415152	.0126682	.0336388	25.92204
#3	.0035906	.0014925	16.13850	.0419021	.0122105	.0361700	26.31840

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.9480420	4.817689	.0301839	-.001113	.6090690	.0626476	.1176343
Stddev	.0160287	.121554	.0003245	.000018	.1632894	.0022225	.0049174
%RSD	1.690717	2.523070	1.075201	1.630441	26.80967	3.547607	4.180250

#1	.9326087	4.693917	.0300640	-.001092	.7850845	.0632256	.1155953
#2	.9469111	4.822254	.0299364	-.001121	.4625177	.0601932	.1140643
#3	.9646062	4.936896	.0305513	-.001126	.5796050	.0645239	.1232432

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.049611	2.059470	.0079287	.0012802	3.129024	6.911121	.0041538
Stddev	.036796	.004159	.0006714	.0001595	.002835	.134741	.0008327
%RSD	1.795274	.2019440	8.467582	12.45686	.0906160	1.949625	20.04649

#1	2.007497	2.054668	.0073219	.0011320	3.127331	6.764420	.0032417
#2	2.065799	2.061958	.0078143	.0014489	3.127444	7.029352	.0048733
#3	2.075538	2.061782	.0086499	.0012596	3.132298	6.939591	.0043466

Sample Name: J1224-19 Acquired: 1/22/2018 17:40:30 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v395) Mode: CONC Corr. Factor: 1.000000
 User: JASWAL Custom ID1: MF6A18 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.1964134	.0195021	.1044948
Stddev	.0118847	.0008079	.0006893
%RSD	6.050876	4.142523	.6596230

#1	.1835502	.0186310	.1039936
#2	.1987040	.0202267	.1042098
#3	.2069862	.0196487	.1052808

Int. Std.	Y_ 2243	Y_ 2243	Y_ 3600	Y_ 3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1215.681	2583.332	39449.66	11842.61	3682.641
Stddev	9.596	7.164	197.07	132.34	3.305
%RSD	.7893808	.2773037	.4995607	1.117501	.0897383

#1	1207.386	2586.822	39323.14	11989.91	3680.524
#2	1226.191	2588.083	39676.73	11804.18	3686.449
#3	1213.465	2575.093	39349.11	11733.73	3680.950

Sample Name: J1224-20 Acquired: 1/22/2018 17:44:40 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v395) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MF6A19 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0301288	-.005598	.1404987	.0035189	.0033841	53.64868	1.430190
Stddev	.0026012	.000971	.0013566	.0029403	.0005536	.69574	.017589
%RSD	8.633566	17.34609	.9655303	83.55704	16.35876	1.296847	1.229861

#1	.0330557	-.004891	.1407243	.0061560	.0036467	53.12623	1.416944
#2	.0280812	-.005197	.1390435	.0003484	.0037576	53.38138	1.423478
#3	.0292497	-.006705	.1417283	.0040522	.0027481	54.43843	1.450147

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0048482	.0017511	17.03103	.0625118	.0183213	.0353724	62.64721
Stddev	.0000759	.0000169	.24159	.0008099	.0001695	.0009230	.80709
%RSD	1.565822	.9677773	1.418541	1.295548	.9251244	2.609490	1.288315

#1	.0048191	.0017596	16.87696	.0616026	.0184102	.0347286	62.12731
#2	.0047911	.0017316	16.90665	.0631560	.0184279	.0349586	62.23732
#3	.0049343	.0017621	17.30946	.0627767	.0181259	.0364299	63.57699

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.436116	6.640551	.0384934	-.002388	.6308914	.1083550	.1362285
Stddev	.016913	.064366	.0004969	.000257	.0911500	.0007961	.0031857
%RSD	1.177661	.9692937	1.290788	10.76455	14.44782	.7346772	2.338503

#1	1.429252	6.588464	.0383165	-.002429	.6157045	.1074947	.1393731
#2	1.423715	6.620678	.0390545	-.002622	.5482886	.1085047	.1330032
#3	1.455382	6.712510	.0381092	-.002113	.7286810	.1090656	.1363093

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.607364	2.279914	.0178963	.0011339	2.569853	7.234842	.0055820
Stddev	.034058	.011696	.0009341	.0000752	.018427	.088900	.0015018
%RSD	1.306206	.5130018	5.219740	6.634866	.7170525	1.228775	26.90490

#1	2.603216	2.266679	.0173519	.0011851	2.550985	7.255713	.0041873
#2	2.575571	2.288860	.0189750	.0010475	2.570770	7.137364	.0053869
#3	2.643306	2.284203	.0173621	.0011691	2.587805	7.311450	.0071719

Sample Name: J1224-20 Acquired: 1/22/2018 17:44:40 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v395) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MF6A19 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.2080967	.0313376	.1176612
Stddev	.0025315	.0003779	.0017725
%RSD	1.216502	1.205973	1.506458

#1	.2084035	.0310688	.1165933
#2	.2054258	.0311743	.1166830
#3	.2104608	.0317698	.1197073

Int. Std.	Y_ 2243	Y_ 2243	Y_ 3600	Y_ 3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1223.711	2562.617	39490.60	11808.77	3581.303
Stddev	7.686	3.430	55.69	139.57	7.505
%RSD	.6281005	.1338622	.1410193	1.181944	.2095633

#1	1215.302	2563.376	39426.30	11863.71	3585.361
#2	1225.459	2565.605	39522.77	11912.52	3585.906
#3	1230.373	2558.871	39522.74	11650.09	3572.643

Sample Name: PB105865BS Acquired: 1/22/2018 17:48:46 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v395) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: LCS001 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0154361	.0540269	.0187020	.0647533	.1092371	.3711695
Stddev	.0026021	.0003613	.0011075	.0024912	.0017651	.0009822
%RSD	16.85743	.6687673	5.921946	3.847213	1.615853	.2646333

#1	.0145833	.0543360	.0188097	.0620418	.1076392	.3718488
#2	.0133674	.0541150	.0175446	.0652772	.1089403	.3700433
#3	.0183576	.0536297	.0197518	.0669408	.1111318	.3716164

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.3817585	.0102808	.0096290	9.984027	.0209285	.0912649
Stddev	.0003676	.0000434	.0001487	.052689	.0004151	.0007231
%RSD	.0962825	.4226212	1.544373	.5277349	1.983508	.7923071

#1	.3821413	.0102576	.0094887	9.927359	.0204501	.0906264
#2	.3814084	.0103310	.0096135	10.03154	.0211411	.0911182
#3	.3817258	.0102540	.0097849	9.99318	.0211942	.0920501

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0493298	.2202219	.0303944	9.329267	.0759852	.0170280
Stddev	.0003036	.0067411	.0007720	.032076	.0007337	.0001970
%RSD	.6154337	3.061041	2.539931	.3438260	.9655387	1.157132

#1	.0496664	.2135063	.0295930	9.328421	.0751481	.0169318
#2	.0490765	.2269882	.0311332	9.361758	.0762909	.0172546
#3	.0492466	.2201713	.0304570	9.297622	.0765166	.0168975

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	9.231267	.0980801	.0941845	8.528757	.0219179	F .0222618
Stddev	.106954	.0018868	.0015560	.040792	.0009060	.0009007
%RSD	1.158608	1.923760	1.652050	.4782854	4.133445	4.046021

#1	9.354612	.0962318	.0924752	8.526841	.0213537	.0218865
#2	9.164243	.0980051	.0945595	8.570473	.0229629	.0216095
#3	9.174945	.1000033	.0955186	8.488957	.0214371	.0232895

Sample Name: PB105865BS Acquired: 1/22/2018 17:48:46 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v395) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: LCS001 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0196330	.1736001	.1977906	F .0129889	.1870675	.0857858
Stddev	.0002475	.0023755	.0027029	.0010530	.0008274	.0007137
%RSD	1.260387	1.368386	1.366535	8.106694	.4422813	.8320107

#1	.0198963	.1755092	.1947715	.0117732	.1862569	.0865119
#2	.0195975	.1709398	.1999853	.0136152	.1870349	.0850851
#3	.0194052	.1743514	.1986151	.0135783	.1879107	.0857605

Elem	Sr4077
Units	ppm
Avg	.1931672
Stddev	.0002581
%RSD	.1336376

#1	.1934428
#2	.1929310
#3	.1931277

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1163.683	2460.294	36881.80	10758.08	3724.508
Stddev	7.523	16.550	268.64	77.27	18.194
%RSD	.6464921	.6726899	.7283835	.7182833	.4885066

#1	1160.718	2441.455	36605.51	10717.16	3703.500
#2	1158.094	2472.492	36897.81	10709.88	3735.229
#3	1172.237	2466.935	37142.07	10847.21	3734.795

Sample Name: J1224-21 Acquired: 1/22/2018 17:52:53 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v395) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MF6A20 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0525970	-.003723	.3047282	.0124129	.0043403	70.76454	1.751065
Stddev	.0029503	.000998	.0026074	.0039731	.0002335	.13698	.002287
%RSD	5.609182	26.81312	.8556316	32.00791	5.379914	.1935699	.1306203

#1	.0502958	-.004855	.3074301	.0131295	.0043695	70.92111	1.753371
#2	.0515722	-.002968	.3022269	.0081303	.0040935	70.66678	1.751026
#3	.0559230	-.003346	.3045277	.0159790	.0045578	70.70574	1.748797

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0066314	.0020459	18.17479	.0913120	.0559558	.0698706	116.9765
Stddev	.0001381	.0001255	.07597	.0008719	.0001585	.0004605	.3852
%RSD	2.083065	6.134855	.4179763	.9549049	.2832506	.6590840	.3292695

#1	.0067905	.0021831	18.16910	.0903065	.0561174	.0694242	116.7723
#2	.0065419	.0019367	18.10182	.0917709	.0558006	.0698434	116.7364
#3	.0065618	.0020181	18.25344	.0918587	.0559494	.0703440	117.4208

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	7.827440	8.934241	.0514358	-.004612	.8071021	.2068252	.1986720
Stddev	.031796	.001970	.0003173	.000126	.0359937	.0010136	.0031713
%RSD	.4062180	.0220537	.6168385	2.735994	4.459623	.4900748	1.596250

#1	7.825976	8.932852	.0516272	-.004634	.7708623	.2068699	.2019831
#2	7.796400	8.933376	.0516107	-.004726	.8075995	.2057900	.1956620
#3	7.859943	8.936496	.0510696	-.004476	.8428446	.2078157	.1983710

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	3.301409	2.844339	.0317207	.0029571	2.553665	6.712398	.0061607
Stddev	.060640	.005014	.0015673	.0000855	.008240	.074082	.0004023
%RSD	1.836804	.1762897	4.940878	2.891714	.3226680	1.103652	6.529527

#1	3.249736	2.850127	.0317406	.0028592	2.558791	6.642034	.0057099
#2	3.286322	2.841307	.0332780	.0030172	2.558043	6.789707	.0062891
#3	3.368168	2.841584	.0301436	.0029948	2.544160	6.705452	.0064830

Sample Name: J1224-21 Acquired: 1/22/2018 17:52:53 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v395) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MF6A20 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.2250977	.0371567	.1231996
Stddev	.0022977	.0002170	.0002019
%RSD	1.020757	.5839522	.1638646

#1	.2276970	.0369734	.1229703
#2	.2233377	.0373963	.1232775
#3	.2242582	.0371006	.1233509

Int. Std.	Y_ 2243	Y_ 2243	Y_ 3600	Y_ 3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1236.529	2610.784	40165.89	12077.73	3548.209
Stddev	9.811	5.504	128.06	76.58	8.837
%RSD	.7934039	.2108257	.3188389	.6340425	.2490674

#1	1226.445	2604.762	40019.01	12106.91	3538.005
#2	1237.102	2612.034	40224.48	12135.42	3553.220
#3	1246.041	2615.555	40254.18	11990.85	3553.403

Sample Name: J1224-22 Acquired: 1/22/2018 17:56:58 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v395) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MF6A21 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0414020	-.007451	.1886319	.0085553	.0019473	54.35919	1.129342
Stddev	.0015625	.001444	.0019342	.0003002	.0022056	.08536	.004588
%RSD	3.773885	19.38636	1.025366	3.508911	113.2660	.1570265	.4062919

#1	.0428157	-.009098	.1885638	.0086999	.0007638	54.44208	1.133748
#2	.0397244	-.006402	.1905992	.0082101	.0044920	54.27156	1.129688
#3	.0416659	-.006853	.1867327	.0087558	.0005860	54.36394	1.124591

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0039381	.0008209	13.86613	.0860296	.0224610	.0331351	93.39235
Stddev	.0001403	.0000725	.05361	.0011299	.0003713	.0011836	.13354
%RSD	3.562036	8.826399	.3866117	1.313399	1.653024	3.572134	.1429870

#1	.0037965	.0008792	13.83722	.0870319	.0221827	.0331914	93.41149
#2	.0039406	.0008437	13.83319	.0848051	.0228826	.0342896	93.25028
#3	.0040770	.0007398	13.92799	.0862518	.0223177	.0319243	93.51529

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.546841	7.367716	.0401417	-.003523	.5650120	.1854272	.1270599
Stddev	.006970	.021152	.0007352	.000125	.0403095	.0007118	.0032222
%RSD	.4506010	.2870935	1.831602	3.540588	7.134273	.3838415	2.536005

#1	1.554861	7.345849	.0406588	-.003531	.5189574	.1852275	.1238858
#2	1.542244	7.369228	.0404662	-.003643	.5822010	.1848366	.1269656
#3	1.543419	7.388073	.0393000	-.003394	.5938775	.1862174	.1303282

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.029984	1.569507	.0249591	.0038006	1.428263	4.998184	.0044606
Stddev	.031816	.010216	.0014699	.0003692	.006141	.061476	.0002420
%RSD	1.567307	.6509344	5.889231	9.714650	.4299364	1.229969	5.425884

#1	2.058382	1.574821	.0266293	.0037530	1.427685	5.066126	.0041886
#2	2.035969	1.575971	.0243858	.0034575	1.434672	4.982023	.0045407
#3	1.995600	1.557729	.0238622	.0041913	1.422432	4.946402	.0046523

Sample Name: J1224-22 Acquired: 1/22/2018 17:56:58 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v395) Mode: CONC Corr. Factor: 1.000000
 User: JASWAL Custom ID1: MF6A21 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.2202652	.0360971	.1083333
Stddev	.0029568	.0003423	.0004924
%RSD	1.342391	.9483515	.4544842

#1	.2194176	.0361258	.1078804
#2	.2178248	.0357413	.1088573
#3	.2235533	.0364242	.1082621

Int. Std.	Y_ 2243	Y_ 2243	Y_ 3600	Y_ 3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1186.207	2512.001	38613.28	11681.06	3595.991
Stddev	9.770	17.298	63.73	27.75	13.272
%RSD	.8236611	.6886288	.1650508	.2375855	.3690699

#1	1184.602	2499.252	38632.07	11709.72	3592.190
#2	1196.680	2505.058	38665.51	11679.13	3585.035
#3	1177.338	2531.692	38542.27	11654.32	3610.749

Sample Name: J1226-11 Acquired: 1/22/2018 18:01:06 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v395) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MF6D42 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000562	.0021672	.0008002	-.002279	.0002639	.0059280	.0004578
Stddev	.002720	.0014672	.0010522	.001289	.0002215	.0043397	.0002705
%RSD	484.0055	67.70164	131.4966	56.55435	83.94830	73.20672	59.09466

#1	.001545	.0019813	.0014523	-.000795	.0000788	.0097811	.0005215
#2	.000402	.0037184	-.000414	-.002929	.0005093	.0067761	.0006908
#3	-.003632	.0008017	.001362	-.003114	.0002035	.0012269	.0001611

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000025	.0000151	.0076130	-.000091	.0001574	-.002376	.0137552
Stddev	.000037	.0000328	.0046053	.000056	.0001252	.000803	.0062621
%RSD	148.7022	216.8222	60.49253	62.20961	79.53849	33.79476	45.52571

#1	-.000004	.0000394	.0088654	-.000152	.0001009	-.001684	.0173544
#2	-.000068	-.000022	.0025110	-.000042	.0000704	-.003257	.0065243
#3	-.000003	.000028	.0114625	-.000077	.0003008	-.002189	.0173868

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0002008	-.019633	.0001817	-.000111	.0217813	.0013927	.0003156
Stddev	.0002416	.018494	.0002325	.000211	.0882426	.0002753	.0010596
%RSD	120.2904	94.19829	128.0211	189.8596	405.1304	19.76980	335.7768

#1	.0000439	-.024618	.0000347	-.000161	-.017008	.0012421	.0011872
#2	.0004790	-.035123	.0000605	.000120	.122774	.0012255	-.000864
#3	.0000795	.000843	.0004498	-.000292	-.040423	.0017105	.000623

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.466317	-.002832	.0015348	.0000539	-.008867	.0058503	-.000382
Stddev	.013755	.001196	.0004545	.0001384	.001693	.0000866	.000840
%RSD	2.949605	42.25110	29.61432	256.5822	19.09051	1.479507	220.1917

#1	-.464196	-.003326	.0020545	-.000033	-.006913	.0058837	.000355
#2	-.481009	-.001467	.0013381	-.000019	-.009800	.0059151	-.000202
#3	-.453746	-.003702	.0012117	.000213	-.009888	.0057520	-.001297

Sample Name: J1226-11 Acquired: 1/22/2018 18:01:06 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v395) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MF6D42 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	-.000540	-.007146	.0000202
Stddev	.000141	.000340	.0000300
%RSD	26.01217	4.756749	148.1680

#1	-.000680	-.006923	.0000217
#2	-.000399	-.006978	.0000494
#3	-.000542	-.007537	-.000010

Int. Std.	Y_ 2243	Y_ 2243	Y_ 3600	Y_ 3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1258.712	2602.557	39609.32	11277.81	4100.997
Stddev	10.598	10.774	77.61	79.71	23.423
%RSD	.8419844	.4139901	.1959290	.7068213	.5711601

#1	1247.479	2614.774	39526.67	11268.30	4127.803
#2	1268.533	2598.487	39680.64	11361.85	4090.711
#3	1260.124	2594.411	39620.63	11203.28	4084.476

Sample Name: J1226-12 Acquired: 1/22/2018 18:05:17 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v395) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MF6D43 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000917	.0021996	.0008739	-.003286	.0002532	.0031397	.0008180
Stddev	.002196	.0009407	.0001914	.000933	.0004153	.0011113	.0002336
%RSD	239.5789	42.76754	21.90477	28.38573	164.0442	35.39465	28.55591

#1	.000540	.0018781	.0008471	-.004066	-.000199	.0019135	.0010502
#2	.000153	.0014617	.0010773	-.003538	.000342	.0034254	.0005831
#3	-.003443	.0032588	.0006973	-.002253	.000617	.0040804	.0008207

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0001152	.0000971	.0202875	-.000156	.0002087	-.001410	.0051106
Stddev	.0000597	.0000136	.0031450	.000232	.0001801	.000445	.0009642
%RSD	51.78983	14.04565	15.50228	148.9384	86.29492	31.59094	18.86647

#1	.0001777	.0000995	.0191545	.000040	.0004109	-.001061	.0062128
#2	.0000588	.0000824	.0178659	-.000412	.0001495	-.001912	.0044238
#3	.0001091	.0001093	.0238420	-.000095	.0000656	-.001257	.0046950

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0001968	-.000324	-.000140	.0000379	.0474275	.0027584	-.000620
Stddev	.0001264	.010333	.000202	.0001720	.1127866	.0020829	.001945
%RSD	64.23577	3186.453	144.4089	453.5680	237.8084	75.50981	313.4516

#1	.0000667	-.003331	-.000250	.0001572	.1667764	.0025125	-.002726
#2	.0003192	-.008820	-.000262	.0001158	-.057388	.0008094	-.000244
#3	.0002046	.011179	.000093	-.000159	.032894	.0049533	.001108

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.507391	-.002150	-.000356	.0000231	-.006175	.0050763	-.000861
Stddev	.023847	.000809	.000253	.0001203	.000993	.0011262	.000576
%RSD	4.699972	37.64731	71.27796	521.6404	16.07359	22.18459	66.83370

#1	-.498314	-.002109	-.000106	-.000085	-.005085	.0045921	-.000741
#2	-.489416	-.001362	-.000613	.000001	-.006414	.0063636	-.001488
#3	-.534444	-.002979	-.000348	.000153	-.007027	.0042733	-.000356

Sample Name: J1226-12 Acquired: 1/22/2018 18:05:17 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v395) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MF6D43 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	-.000356	-.007174	.0000249
Stddev	.000166	.000128	.0000460
%RSD	46.65323	1.789323	184.9309

#1	-.000547	-.007240	-.000020
#2	-.000251	-.007256	.000072
#3	-.000269	-.007026	.000022

Int. Std.	Y_ 2243	Y_ 2243	Y_ 3600	Y_ 3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1267.757	2635.189	39424.59	11347.47	4143.999
Stddev	13.118	3.433	203.01	55.06	4.318
%RSD	1.034746	.1302763	.5149396	.4852130	.1041876

#1	1281.437	2637.767	39658.96	11358.07	4147.997
#2	1255.284	2631.292	39303.27	11396.45	4144.582
#3	1266.551	2636.507	39311.54	11287.88	4139.421

Sample Name: J1226-21 Acquired: 1/22/2018 18:09:28 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v395) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MF6D44 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.002006	.0016511	.0005883	-.002696	-.000379	-.001541	.0002203
Stddev	.002300	.0009938	.0018240	.002067	.002009	.003762	.0002482
%RSD	114.6696	60.19098	310.0487	76.67518	529.6000	244.0623	112.6908

#1	-.003579	.0026401	.0007478	-.001454	.001469	-.005607	.0004174
#2	-.003072	.0016607	-.001310	-.005083	-.000089	-.000832	.0003019
#3	.000634	.0006525	.002327	-.001553	-.002518	.001815	-.000058

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0000919	.0000645	-.003010	.0001376	.0000576	-.001472	.0015068
Stddev	.0000354	.0000252	.000847	.0002018	.0001770	.000596	.0037473
%RSD	38.58034	39.01205	28.14839	146.6785	307.4211	40.48515	248.6966

#1	.0001252	.0000892	-.002097	.0001858	.0000011	-.002115	.0025527
#2	.0000957	.0000654	-.003162	.0003109	.0002559	-.000939	.0046200
#3	.0000547	.0000389	-.003771	-.000084	-.000084	-.001362	-.002652

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000000	-.011790	.0002607	-.000144	-.016322	.0000953	.0005252
Stddev	.000348	.020788	.0003971	.000139	.131494	.0008673	.0015999
%RSD	706146.8	176.3206	152.3315	95.96086	805.6358	910.0695	304.6598

#1	.000121	.012113	.0001978	-.000025	-.086049	-.000625	-.001305
#2	.000271	-.021838	.0006854	-.000112	-.098267	.001058	.001661
#3	-.000392	-.025646	-.000101	-.000296	.135351	-.000147	.001219

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.505423	-.002318	.0003986	.0001654	-.011488	.0028588	-.001024
Stddev	.027182	.000814	.0003277	.0000675	.000492	.0012092	.000239
%RSD	5.378147	35.10928	82.22903	40.82075	4.284184	42.29616	23.37438

#1	-.499218	-.001468	.0006805	.0002350	-.011517	.0040720	-.000865
#2	-.481879	-.003090	.0004762	.0001002	-.011965	.0028508	-.000907
#3	-.535171	-.002396	.0000390	.0001611	-.010982	.0016537	-.001299

Sample Name: J1226-21 Acquired: 1/22/2018 18:09:28 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v395) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MF6D44 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	-.000112	-.007269	-.000021
Stddev	.000669	.000416	.000039
%RSD	598.4402	5.724813	182.0035

#1	-.000557	-.007296	-.000023
#2	.000657	-.006839	-.000059
#3	-.000435	-.007670	.000018

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1223.794	2549.639	38519.86	11071.16	4019.229
Stddev	2.281	8.145	45.37	122.35	9.978
%RSD	.1863934	.3194579	.1177832	1.105138	.2482584

#1	1221.492	2558.862	38533.67	11201.70	4030.246
#2	1223.837	2543.430	38556.72	11052.68	4016.641
#3	1226.054	2546.626	38469.19	10959.10	4010.801

Sample Name: J1225-01 Acquired: 1/22/2018 18:13:40 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v395) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MF6A63 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1646421	-.013992	.2692584	.0083644	.0048269	136.2222	3.980690
Stddev	.0029399	.000776	.0005241	.0025297	.0007514	.3350	.008637
%RSD	1.785608	5.546879	.1946617	30.24290	15.56796	.2459048	.2169632

#1	.1619979	-.013605	.2693977	.0112757	.0042761	135.9395	3.990660
#2	.1641208	-.013486	.2686787	.0071154	.0056829	136.1350	3.975903
#3	.1678078	-.014886	.2696988	.0067022	.0045216	136.5922	3.975507

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0123371	.0039663	113.9383	.2350255	.1554033	.1401202	246.9221
Stddev	.0002203	.0000389	.9153	.0007250	.0011808	.0013536	1.3725
%RSD	1.785968	.9797389	.8033047	.3084813	.7598508	.9660267	.5558326

#1	.0120840	.0039267	112.9623	.2343849	.1545342	.1416585	245.4221
#2	.0124411	.0039676	114.0751	.2348792	.1549280	.1391113	247.2293
#3	.0124862	.0040044	114.7775	.2358126	.1567477	.1395908	248.1149

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	16.79712	20.57836	.1231926	-.011704	2.324031	.3908243	.3237820
Stddev	.09072	.07139	.0007800	.000121	.118781	.0015798	.0033878
%RSD	.5400721	.3469170	.6331344	1.032147	5.110988	.4042154	1.046306

#1	16.69249	20.49620	.1235023	-.011602	2.324289	.3890148	.3228738
#2	16.84501	20.61360	.1237701	-.011672	2.442683	.3915288	.3209409
#3	16.85386	20.62528	.1223053	-.011837	2.205121	.3919293	.3275313

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.693505	.3101113	.0541716	.0004401	1.295441	2.222385	.0051524
Stddev	.001826	.0040133	.0030503	.0004004	.015189	.009304	.0007903
%RSD	.0389077	1.294134	5.630901	90.97206	1.172506	.4186483	15.33927

#1	4.695205	.3055302	.0509395	.0008897	1.307103	2.213994	.0054415
#2	4.691575	.3117961	.0545752	.0003085	1.278265	2.220770	.0042582
#3	4.693735	.3130075	.0570000	.0001221	1.300954	2.232390	.0057576

Sample Name: J1225-01 Acquired: 1/22/2018 18:13:40 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v395) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MF6A63 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.1622005	.0606965	.3374574
Stddev	.0016135	.0003364	.0003098
%RSD	.9947482	.5541802	.0917995

#1	.1625871	.0607792	.3374527
#2	.1604289	.0603265	.3371500
#3	.1635856	.0609838	.3377695

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1218.035	2565.607	38949.97	12150.01	3192.329
Stddev	4.422	9.489	124.98	40.84	5.409
%RSD	.3630617	.3698471	.3208809	.3361564	.1694345

#1	1219.015	2560.372	38868.79	12190.42	3186.776
#2	1221.886	2559.889	39093.90	12150.87	3197.581
#3	1213.206	2576.561	38887.24	12108.75	3192.630

Sample Name: J1225-02 Acquired: 1/22/2018 18:17:45 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v395) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MF6A64 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1309374	-.023927	.1504012	.0050391	.0056435	98.09718	4.186415
Stddev	.0022948	.001311	.0019131	.0012679	.0005088	.33223	.020121
%RSD	1.752624	5.479571	1.271987	25.16142	9.015580	.3386787	.4806333

#1	.1312173	-.022421	.1525829	.0038023	.0062217	98.16015	4.182721
#2	.1330794	-.024546	.1496103	.0049791	.0054442	98.39343	4.208128
#3	.1285154	-.024814	.1490104	.0063360	.0052645	97.73797	4.168397

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0138666	.0061497	41.42514	.1247247	.1685317	.1361599	210.1928
Stddev	.0002093	.0000775	.15627	.0005181	.0005326	.0003726	.3766
%RSD	1.509394	1.260770	.3772363	.4153705	.3159913	.2736574	.1791597

#1	.0136271	.0062392	41.28773	.1242103	.1687358	.1365838	210.0439
#2	.0139586	.0061033	41.59513	.1247174	.1679273	.1360121	210.6211
#3	.0140142	.0061065	41.39255	.1252463	.1689320	.1358839	209.9134

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	6.627267	36.93301	.3460089	-.009491	2.638374	.2576745	.2976922
Stddev	.027947	.14901	.0014307	.000195	.071164	.0030289	.0003432
%RSD	.4217020	.4034621	.4135011	2.052660	2.697285	1.175493	.1152965

#1	6.620494	36.79233	.3474722	-.009315	2.573753	.2610649	.2973028
#2	6.657978	37.08915	.3446130	-.009458	2.626725	.2567230	.2979509
#3	6.603328	36.91754	.3459414	-.009701	2.714644	.2552355	.2978229

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	7.371721	1.605143	.0538906	.0104100	.8533744	2.880335	.0060031
Stddev	.015352	.005053	.0038364	.0002424	.0053719	.005035	.0021931
%RSD	.2082517	.3147967	7.118846	2.328900	.6294900	.1748146	36.53211

#1	7.357645	1.610263	.0582966	.0106255	.8582715	2.875712	.0056094
#2	7.388090	1.600160	.0520851	.0104569	.8542231	2.885700	.0040336
#3	7.369427	1.605005	.0512901	.0101475	.8476287	2.879594	.0083664

Sample Name: J1225-02 Acquired: 1/22/2018 18:17:45 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v395) Mode: CONC Corr. Factor: 1.000000
 User: JASWAL Custom ID1: MF6A64 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.2597050	.0950237	.2535135
Stddev	.0035321	.0003876	.0003470
%RSD	1.360037	.4078655	.1368855

#1	.2571844	.0954499	.2531827
#2	.2581886	.0949288	.2538748
#3	.2637421	.0946924	.2534831

Int. Std.	Y_ 2243	Y_ 2243	Y_ 3600	Y_ 3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1528.045	3226.249	48792.96	14878.93	3351.603
Stddev	11.193	4.169	149.62	51.32	4.413
%RSD	.7325044	.1292090	.3066461	.3449263	.1316560

#1	1515.572	3230.213	48620.88	14934.41	3346.516
#2	1537.215	3226.631	48865.64	14833.15	3354.398
#3	1531.348	3221.902	48892.36	14869.24	3353.895

Sample Name: J1225-03 Acquired: 1/22/2018 18:21:48 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v395) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MF6A65 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.2007956	-.027114	.2511103	.0037560	.0078840	130.3321	3.909956
Stddev	.0018128	.001241	.0026421	.0015011	.0018714	.7411	.010167
%RSD	.9028123	4.577428	1.052183	39.96425	23.73710	.5685936	.2600379

#1	.2006301	-.027599	.2541529	.0021207	.0067129	129.6646	3.898573
#2	.2026854	-.025704	.2497824	.0050713	.0100424	131.1296	3.918136
#3	.1990712	-.028039	.2493954	.0040760	.0068968	130.2022	3.913160

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0155122	.0078104	118.5727	.2804249	.1568217	.2768392	236.3974
Stddev	.0001869	.0002170	.6271	.0013442	.0002026	.0005058	1.2256
%RSD	1.204851	2.778498	.5288618	.4793527	.1291778	.1827173	.5184550

#1	.0157270	.0076052	118.1610	.2799796	.1570485	.2764626	235.4227
#2	.0153865	.0080376	119.2944	.2819353	.1566586	.2774142	237.7733
#3	.0154231	.0077885	118.2626	.2793599	.1567580	.2766410	235.9961

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.045069	73.25250	.4056373	-.011113	3.935160	.3124520	.8187808
Stddev	.025613	.35783	.0007542	.000393	.040760	.0025131	.0062639
%RSD	.6332028	.4884909	.1859300	3.534536	1.035800	.8043242	.7650314

#1	4.023600	72.95955	.4064994	-.011532	3.890283	.3130778	.8118606
#2	4.073420	73.65132	.4053132	-.011054	3.945312	.3145930	.8204188
#3	4.038185	73.14663	.4050993	-.010754	3.969884	.3096851	.8240629

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	15.60775	4.265004	.0647081	.0034282	.4476009	2.078046	.0068589
Stddev	.06149	.025594	.0039820	.0003010	.0051136	.024706	.0009551
%RSD	.3939502	.6000973	6.153782	8.780616	1.142440	1.188921	13.92578

#1	15.53904	4.241245	.0612820	.0036877	.4423179	2.106031	.0067857
#2	15.65759	4.261662	.0690769	.0030982	.4525262	2.059256	.0059425
#3	15.62663	4.292105	.0637654	.0034987	.4479588	2.068851	.0078486

Sample Name: J1225-03 Acquired: 1/22/2018 18:21:48 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v395) Mode: CONC Corr. Factor: 1.000000
 User: JASWAL Custom ID1: MF6A65 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.2872225	.1811910	.3955151
Stddev	.0015058	.0003304	.0006665
%RSD	.5242779	.1823368	.1685059

#1	.2865738	.1808805	.3947552
#2	.2861498	.1811543	.3957896
#3	.2889440	.1815382	.3960005

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1345.129	2836.900	43262.60	13460.78	3136.296
Stddev	5.100	8.627	205.34	38.37	6.339
%RSD	.3791813	.3040824	.4746411	.2850246	.2021316

#1	1342.944	2844.098	43165.77	13421.73	3138.111
#2	1350.958	2839.263	43498.46	13462.19	3141.531
#3	1341.485	2827.338	43123.59	13498.43	3129.247

Sample Name: J1225-04 Acquired: 1/22/2018 18:25:51 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v395) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MF6A66 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0371431	-.014476	.1330346	.0004214	.0045080	104.1136	2.522836
Stddev	.0056046	.001624	.0012024	.0033697	.0025276	.0695	.004834
%RSD	15.08929	11.21508	.9038218	799.6458	56.06892	.0667489	.1916279

#1	.0307914	-.013795	.1326531	-.000807	.0071019	104.0334	2.518079
#2	.0413933	-.016330	.1320693	.004233	.0020525	104.1510	2.522686
#3	.0392446	-.013305	.1343815	-.002162	.0043695	104.1563	2.527744

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0102835	.0047640	470.7587	.1483712	.0837723	.1515720	112.0504
Stddev	.0001125	.0000146	2.7972	.0015227	.0002378	.0015369	.4946
%RSD	1.093959	.3068845	.5941833	1.026280	.2838025	1.013983	.4413896

#1	.0102038	.0047610	468.1010	.1467240	.0837727	.1525097	111.7371
#2	.0102345	.0047510	470.4982	.1497273	.0840099	.1497983	111.7935
#3	.0104121	.0047798	473.6771	.1486624	.0835344	.1524080	112.6205

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.861826	55.86362	.2131609	-.005522	3.135909	.1587952	.4710220
Stddev	.016412	.30529	.0004876	.000196	.115226	.0007590	.0040712
%RSD	.8814822	.5464876	.2287536	3.545476	3.674411	.4779905	.8643253

#1	1.847148	55.60954	.2126906	-.005323	3.036660	.1581761	.4753999
#2	1.858785	55.77904	.2131280	-.005714	3.262275	.1585674	.4703161
#3	1.879546	56.20228	.2136641	-.005529	3.108792	.1596420	.4673499

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	14.49153	3.045816	.0367437	.0002278	.5747476	2.175780	.0023253
Stddev	.01259	.009945	.0017146	.0001486	.0057822	.002621	.0004730
%RSD	.0868814	.3265279	4.666352	65.23553	1.006035	.1204708	20.33993

#1	14.49388	3.042719	.0364304	.0002149	.5680930	2.178802	.0026498
#2	14.47793	3.037788	.0352074	.0003825	.5785445	2.174406	.0025436
#3	14.50278	3.056942	.0385934	.0000861	.5776053	2.174132	.0017827

Sample Name: J1225-04 Acquired: 1/22/2018 18:25:51 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v395) Mode: CONC Corr. Factor: 1.000000
 User: JASWAL Custom ID1: MF6A66 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.1956457	.1288762	.5388309
Stddev	.0027705	.0008400	.0013757
%RSD	1.416063	.6517881	.2553071

#1	.1932925	.1286874	.5374855
#2	.1986991	.1281467	.5387723
#3	.1949455	.1297945	.5402349

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1216.506	2540.535	38388.82	12156.48	3031.805
Stddev	4.937	2.736	88.61	34.84	.712
%RSD	.4058046	.1076837	.2308347	.2865737	.0234689

#1	1211.798	2537.678	38423.39	12184.56	3031.480
#2	1216.076	2543.130	38288.13	12167.38	3032.621
#3	1221.643	2540.797	38454.93	12117.49	3031.315

Sample Name: J1225-05 Acquired: 1/22/2018 18:29:58 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v395) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MF6A67 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0427214	-.013233	.1672787	.0041615	.0056177	114.4148	2.659426
Stddev	.0038222	.001665	.0006856	.0020995	.0022906	.5623	.003853
%RSD	8.946841	12.58106	.4098675	50.45189	40.77478	.4914754	.1448899

#1	.0383359	-.014707	.1668987	.0062829	.0042366	113.7727	2.663493
#2	.0444843	-.013567	.1680702	.0041170	.0082618	114.6523	2.655830
#3	.0453440	-.011427	.1668672	.0020846	.0043547	114.8194	2.658954

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0131010	.0026436	117.6529	.1658421	.0929029	.1499963	147.7565
Stddev	.0001978	.0001397	.2989	.0013895	.0003905	.0016104	.8938
%RSD	1.509895	5.283320	.2540646	.8378684	.4203388	1.073591	.6048861

#1	.0130426	.0025611	117.3285	.1655067	.0933444	.1488552	146.7483
#2	.0129389	.0025648	117.9172	.1646509	.0927616	.1492955	148.0701
#3	.0133214	.0028048	117.7132	.1673686	.0926027	.1518383	148.4513

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.831979	69.15271	.2611923	-.006841	3.164341	.1566291	.5084978
Stddev	.010949	.44933	.0012483	.000047	.023996	.0004157	.0016448
%RSD	.3866063	.6497711	.4779109	.6805022	.7583204	.2654021	.3234668

#1	2.819379	68.63395	.2621867	-.006895	3.188865	.1570713	.5103919
#2	2.837380	69.40393	.2615988	-.006816	3.163246	.1565697	.5074292
#3	2.839177	69.42025	.2597914	-.006813	3.140911	.1562463	.5076724

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	16.79143	2.338754	.0506378	.0005089	.1713849	3.119975	.0044366
Stddev	.10782	.014816	.0008756	.0001537	.0072746	.024821	.0011388
%RSD	.6421254	.6334831	1.729145	30.19743	4.244587	.7955584	25.66759

#1	16.67416	2.331365	.0496556	.0004509	.1773343	3.101003	.0057507
#2	16.88629	2.329087	.0513366	.0003927	.1632748	3.148066	.0037382
#3	16.81383	2.355811	.0509211	.0006832	.1735458	3.110856	.0038210

Sample Name: J1225-05 Acquired: 1/22/2018 18:29:58 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v395) Mode: CONC Corr. Factor: 1.000000
 User: JASWAL Custom ID1: MF6A67 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.2253692	.1585700	.3955306
Stddev	.0034456	.0011025	.0006346
%RSD	1.528878	.6952584	.1604487

#1	.2291697	.1582210	.3948564
#2	.2244884	.1576843	.3956191
#3	.2224495	.1598048	.3961164

Int. Std.	Y_ 2243	Y_ 2243	Y_ 3600	Y_ 3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1232.129	2579.085	39072.77	12077.76	3234.402
Stddev	11.125	5.133	95.51	36.81	2.948
%RSD	.9028941	.1990297	.2444385	.3048157	.0911586

#1	1221.250	2584.099	38963.17	12094.56	3232.542
#2	1243.485	2579.313	39138.18	12035.54	3232.862
#3	1231.652	2573.841	39116.96	12103.18	3237.802

Sample Name: J1225-06 Acquired: 1/22/2018 18:34:20 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v395) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MF6A68 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.5876969	-.012777	.2190614	.0065930	.0031443	82.57321	2.129225
Stddev	.0058670	.003114	.0030297	.0025690	.0001093	.50013	.014774
%RSD	.9982997	24.36769	1.383024	38.96574	3.475586	.6056795	.6938729

#1	.5886491	-.013114	.2221423	.0095558	.0032399	82.16091	2.116733
#2	.5930295	-.009509	.2160856	.0052381	.0031679	82.42917	2.125408
#3	.5814120	-.015709	.2189563	.0049850	.0030252	83.12955	2.145533

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0077366	.0041100	289.7183	.6895440	.0701570	.3364969	125.7569
Stddev	.0000665	.0002315	2.9376	.0018320	.0003345	.0027403	.9607
%RSD	.8592515	5.632407	1.013965	.2656880	.4768165	.8143543	.7639357

#1	.0078090	.0041854	286.6639	.6876135	.0701394	.3334847	124.7720
#2	.0076783	.0042945	289.9678	.6912584	.0698317	.3371638	125.8073
#3	.0077225	.0038503	292.5232	.6897601	.0705000	.3388422	126.6914

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.475245	48.31077	.1605426	-.006073	2.199408	.1461475	1.508431
Stddev	.019953	.53316	.0000827	.000230	.103564	.0013368	.014822
%RSD	.8060859	1.103613	.0515197	3.785794	4.708713	.9146730	.9826050

#1	2.456721	47.69759	.1606175	-.006251	2.188019	.1475751	1.491609
#2	2.472643	48.56971	.1605566	-.006156	2.102009	.1449253	1.519572
#3	2.496371	48.66501	.1604538	-.005814	2.308196	.1459420	1.514113

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	9.825157	2.658705	.0451843	.0014065	.9166715	2.791231	.0034872
Stddev	.073954	.006660	.0046984	.0001753	.0076892	.032394	.0008806
%RSD	.7527008	.2505143	10.39837	12.46193	.8388163	1.160571	25.25226

#1	9.899279	2.663824	.0398375	.0015710	.9235748	2.827355	.0031543
#2	9.751372	2.661117	.0470611	.0012221	.9083844	2.781578	.0028216
#3	9.824819	2.651175	.0486542	.0014263	.9180552	2.764761	.0044857

Sample Name: J1225-06 Acquired: 1/22/2018 18:34:20 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v395) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MF6A68 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.2766213	.1027380	.4628820
Stddev	.0047991	.0008490	.0030602
%RSD	1.734887	.8264088	.6611124

#1	.2732206	.1020757	.4595320
#2	.2745326	.1024431	.4635835
#3	.2821108	.1036951	.4655304

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1208.345	2549.488	38717.23	12257.26	3136.702
Stddev	4.516	3.825	130.11	26.34	.824
%RSD	.3736967	.1500127	.3360610	.2149056	.0262685

#1	1203.535	2553.065	38590.75	12255.26	3137.357
#2	1209.009	2545.457	38710.26	12284.55	3135.777
#3	1212.493	2549.944	38850.69	12231.98	3136.973

Sample Name: J1225-07 Acquired: 1/22/2018 18:38:40 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v395) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MF6A69 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0310973	-.012120	.0658827	.0031418	.0029793	62.66980	1.600038
Stddev	.0042075	.001278	.0023580	.0033941	.0012075	.20913	.004755
%RSD	13.53022	10.54754	3.579071	108.0307	40.52929	.3337044	.2971713

#1	.0266295	-.011068	.0666683	.0043284	.0040119	62.43246	1.594568
#2	.0349842	-.013543	.0632321	-.000686	.0032744	62.82705	1.602358
#3	.0316782	-.011750	.0677475	.005783	.0016516	62.74988	1.603187

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0062640	.0015765	126.7964	.1043691	.0554012	.1018740	119.1974
Stddev	.0000678	.0001607	.7051	.0006944	.0000985	.0014316	.4102
%RSD	1.082933	10.19617	.5561083	.6653656	.1777205	1.405295	.3440948

#1	.0062729	.0017585	125.9904	.1044917	.0553333	.1034856	118.7297
#2	.0063270	.0014541	127.0995	.1036216	.0553561	.1013869	119.4956
#3	.0061922	.0015168	127.2993	.1049941	.0555141	.1007495	119.3669

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.248793	60.25070	.1406244	-.005100	1.898164	.1239062	.2630411
Stddev	.005988	.23935	.0002936	.000166	.076310	.0010342	.0068458
%RSD	.2662699	.3972618	.2087895	3.251444	4.020213	.8346265	2.602546

#1	2.243237	59.98535	.1403677	-.004954	1.985998	.1235498	.2611812
#2	2.248006	60.31646	.1405610	-.005280	1.848147	.1230973	.2706246
#3	2.255135	60.45031	.1409446	-.005066	1.860347	.1250714	.2573175

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	8.889777	3.158095	.0457244	.0007231	.2952949	3.428090	.0017498
Stddev	.077608	.023099	.0029886	.0001295	.0036952	.013531	.0021288
%RSD	.8730042	.7314375	6.536155	17.91346	1.251369	.3947050	121.6616

#1	8.873705	3.168215	.0422944	.0005808	.2968771	3.435294	-.000350
#2	8.974163	3.131663	.0471108	.0007543	.2910720	3.412482	.001693
#3	8.821464	3.174408	.0477680	.0008342	.2979355	3.436495	.003906

Sample Name: J1225-07 Acquired: 1/22/2018 18:38:40 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v395) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MF6A69 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.4536774	.0955371	.2658877
Stddev	.0044522	.0007599	.0010741
%RSD	.9813694	.7953770	.4039565

#1	.4492804	.0946889	.2647335
#2	.4535688	.0961557	.2660719
#3	.4581829	.0957666	.2668579

Int. Std.	Y_ 2243	Y_ 2243	Y_ 3600	Y_ 3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1194.822	2501.719	38268.78	11691.82	3286.125
Stddev	14.295	4.814	272.65	22.78	6.937
%RSD	1.196377	.1924339	.7124637	.1948279	.2110999

#1	1204.635	2496.378	38565.10	11713.01	3286.972
#2	1178.422	2505.723	38028.51	11694.73	3292.600
#3	1201.410	2503.057	38212.73	11667.73	3278.804

Sample Name: J1225-08 Acquired: 1/22/2018 18:43:05 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v395) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MF6A70 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0535967	-.010612	.1026753	.0040244	.0060872	70.99424	2.019826
Stddev	.0042091	.000172	.0023574	.0048644	.0001630	.20450	.004595
%RSD	7.853306	1.619921	2.295978	120.8748	2.677747	.2880534	.2274804

#1	.0488036	-.010800	.1053974	-.000220	.0059941	70.77537	2.014531
#2	.0566902	-.010464	.1013153	.002960	.0062755	71.18044	2.022762
#3	.0552965	-.010571	.1013131	.009333	.0059922	71.02692	2.022185

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0082477	.0027433	97.81619	.1216992	.0723499	.1284139	176.8417
Stddev	.0001385	.0001551	.30600	.0002516	.0003337	.0007566	.6372
%RSD	1.678923	5.654429	.3128316	.2067144	.4612802	.5892281	.3603166

#1	.0080881	.0027992	97.48688	.1219823	.0725285	.1289999	176.1062
#2	.0083188	.0028628	97.86994	.1215011	.0725563	.1286822	177.2263
#3	.0083361	.0025680	98.09176	.1216142	.0719649	.1275597	177.1926

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.513723	61.65096	.1804294	-.007880	2.143979	.1851071	.3244390
Stddev	.012388	.16197	.0013175	.000272	.185621	.0020480	.0057467
%RSD	.2246757	.2627261	.7302002	3.452794	8.657784	1.106358	1.771280

#1	5.500509	61.48209	.1819059	-.007580	2.357459	.1836822	.3289762
#2	5.515587	61.80502	.1793737	-.007951	2.020655	.1841851	.3179769
#3	5.525074	61.66578	.1800085	-.008110	2.053824	.1874540	.3263639

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	10.93716	3.781099	.0604606	.0020397	.2593331	3.576570	.0033765
Stddev	.01983	.015225	.0017274	.0003332	.0034269	.055989	.0009795
%RSD	.1812641	.4026672	2.857133	16.33602	1.321420	1.565435	29.00992

#1	10.95960	3.797113	.0620059	.0016672	.2584553	3.590489	.0022485
#2	10.92989	3.779374	.0607803	.0023094	.2564305	3.514935	.0040120
#3	10.92200	3.766809	.0585957	.0021424	.2631135	3.624287	.0038690

Sample Name: J1225-08 Acquired: 1/22/2018 18:43:05 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v395) Mode: CONC Corr. Factor: 1.000000
 User: JASWAL Custom ID1: MF6A70 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.4794364	.1104059	.2910327
Stddev	.0033931	.0003049	.0004151
%RSD	.7077308	.2761589	.1426216

#1	.4757996	.1100597	.2905661
#2	.4799925	.1106345	.2911707
#3	.4825172	.1105235	.2913611

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1227.745	2571.109	39222.87	11973.75	3309.357
Stddev	2.435	6.720	37.59	48.78	5.548
%RSD	.1983107	.2613765	.0958281	.4074228	.1676448

#1	1225.490	2578.792	39192.62	11995.14	3303.832
#2	1227.418	2566.326	39264.95	12008.19	3309.313
#3	1230.327	2568.208	39211.03	11917.93	3314.928

Sample Name: J1225-09 Acquired: 1/22/2018 18:49:35 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v395) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MF6A71 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0654162	-.009707	.1706272	.0033143	.0039902	122.3302	2.195214
Stddev	.0021477	.000923	.0025423	.0021816	.0017351	.7199	.005550
%RSD	3.283110	9.513442	1.489969	65.82376	43.48283	.5884815	.2528414

#1	.0674746	-.009191	.1702191	.0058093	.0058706	122.9030	2.197175
#2	.0631891	-.009156	.1733488	.0023673	.0036488	122.5656	2.199518
#3	.0655848	-.010773	.1683136	.0017662	.0024513	121.5221	2.188950

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0114208	.0049840	218.1833	.2048685	.1426193	.2197378	172.2984
Stddev	.0000571	.0001118	.6659	.0010500	.0003850	.0004754	.7529
%RSD	.5002790	2.244118	.3051983	.5125326	.2699138	.2163290	.4369465

#1	.0114079	.0048565	218.7484	.2036613	.1422070	.2195391	173.0604
#2	.0114833	.0050299	217.4492	.2055698	.1429692	.2193941	172.2800
#3	.0113713	.0050655	218.3525	.2053744	.1426818	.2202803	171.5550

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	10.15105	77.71383	.2795276	-.008022	2.716188	.2108548	.5678007
Stddev	.03284	.35017	.0011189	.000091	.091207	.0017526	.0028641
%RSD	.3235005	.4505948	.4002810	1.129183	3.357912	.8311817	.5044129

#1	10.18139	78.02533	.2805589	-.007978	2.615093	.2115114	.5666533
#2	10.11618	77.78135	.2796859	-.007962	2.792302	.2088687	.5710605
#3	10.15558	77.33482	.2783380	-.008127	2.741168	.2121842	.5656881

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	20.34730	4.121119	.0518977	.0020017	.5503369	3.925063	.0063417
Stddev	.12652	.010879	.0033329	.0000562	.0069205	.089166	.0007139
%RSD	.6217810	.2639788	6.421973	2.805210	1.257499	2.271712	11.25729

#1	20.49338	4.127892	.0483534	.0020366	.5481136	4.028006	.0059953
#2	20.27335	4.126895	.0523715	.0019369	.5580958	3.871949	.0071628
#3	20.27516	4.108571	.0549684	.0020316	.5448013	3.875234	.0058672

Sample Name: J1225-09 Acquired: 1/22/2018 18:49:35 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v395) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MF6A71 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.3269855	.1689615	.5951974
Stddev	.0031682	.0002533	.0005635
%RSD	.9689093	.1499105	.0946723

#1	.3234079	.1689174	.5947872
#2	.3281127	.1687331	.5958399
#3	.3294361	.1692339	.5949652

Int. Std.	Y_ 2243	Y_ 2243	Y_ 3600	Y_ 3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1265.962	2638.328	40139.80	12512.54	3089.333
Stddev	3.601	8.857	53.82	74.43	1.570
%RSD	.2844216	.3357024	.1340930	.5948471	.0508234

#1	1262.668	2648.555	40130.74	12444.67	3089.086
#2	1269.806	2633.300	40197.57	12592.14	3087.901
#3	1265.413	2633.130	40091.07	12500.80	3091.012

Sample Name: J1225-10 Acquired: 1/22/2018 18:53:37 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v395) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MF6A72 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1255958	-.022052	.1799316	.0051692	.0056050	109.6810	1.649578
Stddev	.0032533	.003988	.0028600	.0055344	.0008809	.4014	.008334
%RSD	2.590294	18.08584	1.589496	107.0660	15.71588	.3659473	.5052014

#1	.1293434	-.020386	.1824981	.0103434	.0048040	109.3583	1.655289
#2	.1234968	-.019166	.1804481	.0058301	.0054625	110.1304	1.653431
#3	.1239473	-.026603	.1768485	-.000666	.0065484	109.5541	1.640016

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0120410	.0036670	54.27773	.1698728	.1168681	.1764409	192.1254
Stddev	.0001300	.0000805	.06169	.0001762	.0001825	.0020301	.5920
%RSD	1.079930	2.196100	.1136572	.1037403	.1561319	1.150606	.3081461

#1	.0119591	.0037596	54.34896	.1700571	.1166893	.1744865	191.4418
#2	.0121909	.0036274	54.24148	.1698554	.1170540	.1785391	192.4628
#3	.0119729	.0036139	54.24275	.1697060	.1168610	.1762970	192.4715

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.763617	71.35368	.2845774	-.008507	2.326392	.2481472	.5149283
Stddev	.006446	.40699	.0001817	.000040	.075673	.0025882	.0072200
%RSD	.2332425	.5703859	.0638366	.4700123	3.252805	1.043001	1.402127

#1	2.768127	70.88715	.2845650	-.008522	2.280781	.2507706	.5220516
#2	2.766489	71.63598	.2844022	-.008536	2.284652	.2455957	.5076154
#3	2.756234	71.53792	.2847649	-.008461	2.413743	.2480752	.5151180

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	18.56676	4.566681	.0677568	.0014529	.2748780	2.536963	.0076727
Stddev	.13056	.040631	.0008060	.0000528	.0052375	.014682	.0012510
%RSD	.7032012	.8897348	1.189572	3.631402	1.905402	.5787037	16.30439

#1	18.52713	4.542078	.0686575	.0014248	.2701607	2.546119	.0086233
#2	18.71255	4.544387	.0671034	.0015138	.2805142	2.520029	.0062555
#3	18.46061	4.613579	.0675094	.0014202	.2739592	2.544741	.0081394

Sample Name: J1225-10 Acquired: 1/22/2018 18:53:37 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v395) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MF6A72 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.4360950	.1756953	.3160983
Stddev	.0021966	.0009171	.0009314
%RSD	.5037014	.5219960	.2946613

#1	.4371589	.1752026	.3157469
#2	.4335690	.1767534	.3171543
#3	.4375571	.1751298	.3153937

Int. Std.	Y_ 2243	Y_ 2243	Y_ 3600	Y_ 3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1365.541	2864.939	43638.05	13363.93	3287.034
Stddev	13.793	4.773	130.03	59.46	9.098
%RSD	1.010056	.1666105	.2979701	.4448938	.2767979

#1	1352.795	2860.627	43514.81	13425.31	3293.462
#2	1380.184	2870.068	43773.94	13359.85	3291.016
#3	1363.642	2864.123	43625.41	13306.61	3276.623

Sample Name: J1225-11 Acquired: 1/22/2018 18:57:39 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v395) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MF6A73 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1005784	-.019460	.1614278	.0043658	.0067864	115.6197	1.878625
Stddev	.0016730	.002275	.0011034	.0040028	.0017410	.4927	.005095
%RSD	1.663419	11.69023	.6835209	91.68603	25.65481	.4261157	.2712028

#1	.0986517	-.017818	.1601819	.0015106	.0062346	116.1587	1.881906
#2	.1016644	-.022056	.1618197	.0089412	.0053881	115.5079	1.881213
#3	.1014189	-.018504	.1622817	.0026457	.0087364	115.1926	1.872755

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0116724	.0051566	171.5279	.2166232	.1213636	.1866006	190.8403
Stddev	.0000979	.0001226	.5552	.0005166	.0002440	.0002585	.6595
%RSD	.8386045	2.376802	.3236742	.2384842	.2010366	.1385268	.3455620

#1	.0115595	.0051033	171.5307	.2172065	.1216421	.1864591	191.3697
#2	.0117337	.0050697	172.0817	.2164399	.1212609	.1868990	191.0497
#3	.0117241	.0052968	170.9714	.2162233	.1211877	.1864437	190.1016

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.103229	88.43652	.2902691	-.008786	2.540304	.2014142	.5637501
Stddev	.006806	.12686	.0009851	.000300	.041714	.0024313	.0023093
%RSD	.1658577	.1434432	.3393738	3.412410	1.642104	1.207111	.4096246

#1	4.108592	88.53447	.2899411	-.009132	2.550247	.1991171	.5648288
#2	4.105523	88.29322	.2894899	-.008625	2.494517	.2039605	.5653226
#3	4.095573	88.48187	.2913764	-.008601	2.576149	.2011651	.5610989

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	18.03321	3.548443	.0693103	.0014992	.5473110	3.652092	.0053311
Stddev	.10424	.021626	.0038637	.0002818	.0016256	.046542	.0013934
%RSD	.5780437	.6094407	5.574473	18.79409	.2970181	1.274389	26.13762

#1	18.14414	3.525056	.0697570	.0011851	.5454366	3.704990	.0058539
#2	18.01822	3.552556	.0652427	.0017296	.5483345	3.633858	.0063876
#3	17.93728	3.567717	.0729312	.0015831	.5481621	3.617428	.0037519

Sample Name: J1225-11 Acquired: 1/22/2018 18:57:39 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v395) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MF6A73 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.4442573	.1916254	.4384220
Stddev	.0056055	.0011014	.0011713
%RSD	1.261780	.5747936	.2671660

#1	.4381620	.1907700	.4379188
#2	.4491910	.1928682	.4397609
#3	.4454191	.1912380	.4375864

Int. Std.	Y_ 2243	Y_ 2243	Y_ 3600	Y_ 3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1257.183	2653.513	40256.52	12428.14	3168.292
Stddev	12.154	6.647	159.86	85.76	3.441
%RSD	.9667281	.2505166	.3970953	.6900824	.1085929

#1	1248.814	2655.014	40264.41	12399.74	3170.126
#2	1251.611	2646.243	40092.87	12360.18	3164.323
#3	1271.123	2659.281	40412.29	12524.50	3170.427

Sample Name: J1225-12 Acquired: 1/22/2018 19:01:47 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v395) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MF6A74 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1996394	-.014552	.1628545	.0053498	.0047336	93.05035	1.811048
Stddev	.0015969	.002767	.0017401	.0025754	.0016236	.28702	.006367
%RSD	.7998892	19.01143	1.068507	48.13961	34.29851	.3084546	.3515674

#1	.1977954	-.011560	.1644232	.0073601	.0049801	93.04905	1.818253
#2	.2005601	-.017018	.1631575	.0062425	.0062197	92.76398	1.806180
#3	.2005626	-.015079	.1609828	.0024469	.0030009	93.33801	1.808710

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0095314	.0029051	108.0289	.3331160	.0900653	.2500469	158.7051
Stddev	.0001456	.0000753	.1999	.0015964	.0003390	.0008702	.5674
%RSD	1.528140	2.591090	.1850624	.4792333	.3764192	.3480237	.3575253

#1	.0093949	.0028806	108.2178	.3320501	.0901446	.2510108	158.4164
#2	.0095146	.0029896	107.8195	.3349514	.0903576	.2498106	158.3400
#3	.0096847	.0028451	108.0495	.3323464	.0896936	.2493192	159.3588

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	3.281012	69.67448	.2193351	-.006871	2.168468	.1839414	.7023844
Stddev	.010233	.19917	.0006104	.000260	.084791	.0028362	.0024894
%RSD	.3118798	.2858549	.2782771	3.778394	3.910163	1.541881	.3544154

#1	3.289095	69.50293	.2200274	-.006903	2.265790	.1870047	.7003565
#2	3.269507	69.62762	.2188746	-.007113	2.110547	.1814067	.7051626
#3	3.284434	69.89290	.2191032	-.006596	2.129067	.1834127	.7016340

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	14.21807	3.153429	.0591301	.0022881	.4202275	3.372536	.0052138
Stddev	.08026	.011608	.0008613	.0000867	.0045984	.067353	.0010759
%RSD	.5644800	.3680960	1.456682	3.788467	1.094253	1.997093	20.63592

#1	14.31027	3.158270	.0599468	.0021924	.4211816	3.307603	.0063234
#2	14.16385	3.161832	.0582302	.0023614	.4242739	3.442072	.0051427
#3	14.18009	3.140184	.0592133	.0023105	.4152269	3.367932	.0041751

Sample Name: J1225-12 Acquired: 1/22/2018 19:01:47 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v395) Mode: CONC Corr. Factor: 1.000000
 User: JASWAL Custom ID1: MF6A74 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.4534869	.1429331	.3430525
Stddev	.0030654	.0006580	.0002433
%RSD	.6759732	.4603522	.0709218

#1	.4554831	.1432514	.3427794
#2	.4550202	.1421765	.3432462
#3	.4499573	.1433715	.3431318

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1250.698	2617.599	39895.02	12200.27	3276.174
Stddev	10.778	8.874	188.54	46.19	4.613
%RSD	.8617300	.3390004	.4725947	.3786153	.1408009

#1	1245.695	2611.313	39786.78	12161.91	3272.129
#2	1243.331	2613.734	39785.54	12187.36	3275.194
#3	1263.068	2627.750	40112.72	12251.55	3281.198

Sample Name: CCV074 Acquired: 1/22/2018 19:06:09 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v395) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: CCV074 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.944210	4.852895	24.65038	4.903957	4.890883	393.2398
Stddev	.021459	.028211	.01622	.019392	.005496	2.7064
%RSD	.4340269	.5813222	.0657921	.3954394	.1123775	.6882278

#1	4.946491	4.870992	24.66561	4.911952	4.894747	394.2513
#2	4.921701	4.820390	24.65220	4.881846	4.884591	395.2948
#3	4.964438	4.867303	24.63333	4.918074	4.893310	390.1734

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	9.857848	.5157510	2.525132	409.5389	15.53445	2.491264
Stddev	.068805	.0020939	.002163	1.8270	.01376	.003302
%RSD	.6979696	.4059886	.0856481	.4461194	.0885453	.1325527

#1	9.936514	.5156619	2.526266	409.5016	15.54174	2.494700
#2	9.828151	.5178880	2.522638	407.7308	15.51859	2.488114
#3	9.808879	.5137031	2.526491	411.3843	15.54304	2.490977

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	14.91901	402.3188	14.73782	409.4318	2.475808	F 1.412962
Stddev	.02145	1.9240	.08621	2.3959	.002301	.007189
%RSD	.1437891	.4782221	.5849802	.5851763	.0929267	.5088229

#1	14.93784	401.6087	14.72864	408.6920	2.478101	1.404714
#2	14.92353	400.8507	14.65657	407.4930	2.473500	1.416265
#3	14.89566	404.4968	14.82826	412.1103	2.475824	1.417906

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	395.4522	2.451112	F 13.03416	146.7231	5.147845	4.974204
Stddev	1.4640	.018956	.21939	.2444	.016378	.007835
%RSD	.3702045	.7733488	1.683226	.1666056	.3181487	.1575176

#1	394.6001	2.441426	12.87064	146.4813	5.160482	4.969404
#2	394.6139	2.438957	12.94835	146.9701	5.129342	4.983245
#3	397.1426	2.472954	13.28349	146.7178	5.153712	4.969962

Sample Name: CCV074 Acquired: 1/22/2018 19:06:09 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v395) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: CCV074 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.910179	5.120487	4.903463	5.038354	5.004240	4.913032
Stddev	.018382	.029856	.028278	.016552	.013271	.003993
%RSD	.3743672	.5830692	.5766989	.3285108	.2652002	.0812794

#1	4.921487	5.130874	4.911206	5.040481	5.016429	4.912720
#2	4.888969	5.086825	4.927063	5.020842	5.006189	4.917172
#3	4.920082	5.143762	4.872120	5.053740	4.990102	4.909204

Elem	Sr4077
Units	ppm
Avg	4.998292
Stddev	.014705
%RSD	.2941952

#1	4.982120
#2	5.001898
#3	5.010859

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	945.6615	2002.505	31109.24	10074.67	2589.074
Stddev	4.5874	4.260	149.88	46.12	1.050
%RSD	.4850992	.2127555	.4817734	.4578301	.0405435

#1	949.8970	2000.132	31164.97	10023.14	2587.879
#2	946.2985	2007.423	31223.27	10088.79	2589.846
#3	940.7888	1999.959	30939.49	10112.09	2589.497

Sample Name: CCB074 Acquired: 1/22/2018 19:10:34 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v395) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: CCB074 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0021893	.0029212	.0052083	-.000475	.0021544	.1036759
Stddev	.0022946	.0009095	.0006057	.003591	.0009094	.0365675
%RSD	104.8102	31.13300	11.63037	756.5509	42.20999	35.27099

#1	.0014648	.0027245	.0048334	.001236	.0029436	.1439689
#2	.0047588	.0039130	.0059071	.001941	.0011599	.0944627
#3	.0003444	.0021262	.0048842	-.004601	.0023596	.0725960

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0027901	.0001076	.0005655	.1277386	.0029051	.0003356
Stddev	.0007347	.0000082	.0000570	.0656880	.0006733	.0000693
%RSD	26.33128	7.613515	10.07131	51.42374	23.17756	20.66122

#1	.0036010	.0001043	.0005785	.2033538	.0022835	.0003650
#2	.0021689	.0001016	.0006149	.0950956	.0028115	.0003853
#3	.0026003	.0001169	.0005032	.0847665	.0036203	.0002564

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0012687	F .1577163	.0049150	.0879712	.0002176	.0002542
Stddev	.0010501	.0671578	.0019382	.0264659	.0002924	.0002773
%RSD	82.77707	42.58138	39.43355	30.08479	134.3836	109.0912

#1	.0018377	.2308202	.0069836	.1183621	.0005551	.0003328
#2	.0000568	.1435705	.0046206	.0755581	.0000500	.0004837
#3	.0019114	.0987583	.0031409	.0699934	.0000475	-.000054

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1770780	.0014660	.0021032	.0136816	-.001128	F .0101172
Stddev	.0876992	.0010639	.0028716	.0330177	.000702	.0005857
%RSD	49.52573	72.57262	136.5325	241.3304	62.20968	5.788851

#1	.2467775	.0024148	.0040766	.0330654	-.001477	.0107472
#2	.2058492	.0003158	-.001191	-.024442	-.001587	.0100151
#3	.0786073	.0016675	.003424	.032422	-.000320	.0095893

Sample Name: CCB074 Acquired: 1/22/2018 19:10:34 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v395) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: CCB074 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0012911	.0080251	.0026396	.0011105	.0009795	.0042138
Stddev	.0002064	.0031231	.0006483	.0003085	.0004532	.0006395
%RSD	15.98755	38.91718	24.55964	27.77591	46.26890	15.17618

#1	.0013204	.0053134	.0030382	.0008379	.0006011	.0049116
#2	.0014813	.0114398	.0029890	.0014454	.0014817	.0040741
#3	.0010716	.0073220	.0018915	.0010482	.0008557	.0036557

Elem	Sr4077
Units	ppm
Avg	.0010363
Stddev	.0001934
%RSD	18.66174

#1	.0012592
#2	.0009375
#3	.0009123

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1216.220	2548.792	38288.43	10779.92	3969.666
Stddev	12.762	6.526	120.17	50.26	7.984
%RSD	1.049301	.2560567	.3138476	.4662036	.2011251

#1	1214.273	2552.526	38210.97	10828.93	3967.000
#2	1204.543	2552.593	38227.46	10782.35	3978.642
#3	1229.843	2541.256	38426.86	10728.50	3963.356

Sample Name: J1225-13 Acquired: 1/22/2018 19:14:56 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v395) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MF6A75 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0352567	-.012159	.1132834	.0027809	.0056034	74.22254	1.549098
Stddev	.0010195	.003564	.0020900	.0007367	.0023923	.36852	.001419
%RSD	2.891649	29.31013	1.844967	26.48966	42.69299	.4965063	.0915786

#1	.0340808	-.008318	.1111931	.0026307	.0033885	74.35707	1.547526
#2	.0357966	-.012799	.1153731	.0021309	.0081404	74.50490	1.549485
#3	.0358927	-.015359	.1132839	.0035811	.0052814	73.80566	1.550282

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0078630	.0032306	215.2371	.1278944	.0799122	.1519263	131.2018
Stddev	.0000579	.0000711	.2619	.0014393	.0005136	.0005149	.4182
%RSD	.7358882	2.201854	.1216814	1.125388	.6427586	.3388887	.3187830

#1	.0079177	.0032531	215.2543	.1295563	.0793680	.1524813	131.2288
#2	.0078689	.0032877	215.4900	.1270572	.0803886	.1518333	131.6059
#3	.0078024	.0031509	214.9670	.1270696	.0799800	.1514643	130.7707

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	3.095327	70.47774	.1953794	-.005779	2.002330	.1469246	.4198058
Stddev	.007500	.17276	.0005621	.000136	.027940	.0007237	.0044925
%RSD	.2423019	.2451204	.2876798	2.355924	1.395350	.4925340	1.070149

#1	3.089910	70.51642	.1960275	-.005718	1.971695	.1476132	.4207755
#2	3.103887	70.62788	.1950259	-.005935	2.026407	.1461704	.4149076
#3	3.092184	70.28893	.1950848	-.005684	2.008889	.1469902	.4237343

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	12.80561	4.099300	.0457417	-.000128	.4865153	4.210133	.0015780
Stddev	.07560	.010958	.0017925	.000299	.0023429	.019616	.0017285
%RSD	.5903905	.2673100	3.918728	233.5087	.4815678	.4659228	109.5407

#1	12.85503	4.100580	.0456355	.000045	.4861934	4.194222	.0005267
#2	12.84323	4.109562	.0475850	.000044	.4890025	4.204128	.0035729
#3	12.71858	4.087759	.0440047	-.000473	.4843500	4.232050	.0006343

Sample Name: J1225-13 Acquired: 1/22/2018 19:14:56 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v395) Mode: CONC Corr. Factor: 1.000000
 User: JASWAL Custom ID1: MF6A75 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.4491934	.1010197	.5011387
Stddev	.0013836	.0011215	.0023359
%RSD	.3080096	1.110149	.4661220

#1	.4484414	.1001684	.4988870
#2	.4507901	.1006003	.5009784
#3	.4483488	.1022905	.5035506

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1267.737	2643.478	39975.30	12262.67	3195.919
Stddev	10.141	8.485	208.52	36.57	9.240
%RSD	.7998921	.3209743	.5216218	.2982265	.2891227

#1	1271.552	2653.052	40169.73	12304.71	3206.368
#2	1275.417	2636.887	40001.08	12238.20	3192.563
#3	1256.242	2640.496	39755.09	12245.09	3188.825

Sample Name: J1225-14 Acquired: 1/22/2018 19:19:19 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v395) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MF6A76 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0634245	-.011148	.0911899	.0046694	.0033637	54.39251	1.423429
Stddev	.0015448	.000716	.0005364	.0009184	.0004580	.11441	.006049
%RSD	2.435623	6.424131	.5882763	19.66856	13.61458	.2103376	.4249342

#1	.0632774	-.010363	.0905888	.0036745	.0038391	54.27367	1.418866
#2	.0619585	-.011317	.0913607	.0054848	.0029254	54.40196	1.421132
#3	.0650375	-.011765	.0916201	.0048490	.0033266	54.50190	1.430290

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0055712	.0018923	171.9384	.1624522	.0563388	.1200783	100.9271
Stddev	.0000496	.0001450	.1355	.0008136	.0003694	.0024544	.1419
%RSD	.8900893	7.659815	.0788346	.5008090	.6557048	2.044007	.1405839

#1	.0055189	.0020119	171.8003	.1631922	.0560259	.1228646	100.7633
#2	.0055772	.0019340	172.0712	.1615810	.0562442	.1182365	101.0061
#3	.0056175	.0017311	171.9436	.1625834	.0567463	.1191337	101.0119

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.128850	64.01168	.1420540	-.004414	1.523380	.1345305	.3675929
Stddev	.005227	.03318	.0001855	.000262	.049451	.0010218	.0066560
%RSD	.2455464	.0518401	.1306079	5.929501	3.246154	.7595462	1.810706

#1	2.124472	63.97351	.1419201	-.004703	1.477884	.1357084	.3641545
#2	2.127440	64.03363	.1422658	-.004346	1.576011	.1340013	.3752649
#3	2.134637	64.02790	.1419760	-.004192	1.516245	.1338818	.3633593

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	9.375118	3.841147	.0431562	.0009401	.6877326	2.344946	.0055602
Stddev	.108731	.010191	.0005420	.0000474	.0064703	.028191	.0011016
%RSD	1.159783	.2653205	1.255805	5.043253	.9408213	1.202222	19.81285

#1	9.299739	3.833937	.0431071	.0009040	.6821224	2.315443	.0064121
#2	9.325854	3.852807	.0437210	.0009226	.6862647	2.347784	.0059523
#3	9.499762	3.836699	.0426404	.0009938	.6948108	2.371611	.0043161

Sample Name: J1225-14 Acquired: 1/22/2018 19:19:19 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v395) Mode: CONC Corr. Factor: 1.000000
 User: JASWAL Custom ID1: MF6A76 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.6386566	.0847784	.3454512
Stddev	.0044601	.0008686	.0011615
%RSD	.6983601	1.024590	.3362238

#1	.6428423	.0839934	.3450078
#2	.6339651	.0846302	.3445767
#3	.6391623	.0857116	.3467691

Int. Std.	Y_ 2243	Y_ 2243	Y_ 3600	Y_ 3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1224.639	2568.809	39063.65	12117.52	3282.343
Stddev	9.108	5.097	13.04	22.36	6.943
%RSD	.7436928	.1984035	.0333911	.1844872	.2115126

#1	1234.280	2562.928	39075.72	12093.04	3276.392
#2	1216.180	2571.560	39049.81	12136.86	3289.970
#3	1223.457	2571.938	39065.42	12122.66	3280.666

Sample Name: J1225-15 Acquired: 1/22/2018 19:23:21 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v395) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MF6A76D Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0610266	-.009756	.0916392	.0031823	.0033266	54.25383	1.422057
Stddev	.0029112	.004877	.0014134	.0027854	.0016405	.23993	.007522
%RSD	4.770437	49.99018	1.542327	87.52879	49.31419	.4422445	.5289542

#1	.0586945	-.004646	.0917211	.0060314	.0045454	54.39212	1.426301
#2	.0642893	-.014361	.0930099	.0004653	.0014614	54.39259	1.426498
#3	.0600959	-.010262	.0901867	.0030502	.0039731	53.97678	1.413372

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0055452	.0020570	171.2644	.1611411	.0566023	.1205603	100.7182
Stddev	.0001028	.0000671	.5368	.0005709	.0003294	.0027009	.2399
%RSD	1.853728	3.263608	.3134155	.3542865	.5819727	2.240301	.2381694

#1	.0054413	.0020464	171.7983	.1617935	.0569543	.1224995	100.9318
#2	.0056469	.0021289	171.2703	.1608966	.0563015	.1217061	100.7641
#3	.0055474	.0019959	170.7248	.1607331	.0565509	.1174754	100.4587

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.120728	63.93710	.1426278	-.004723	1.594822	.1366580	.3680053
Stddev	.006588	.25656	.0009992	.000216	.066079	.0025531	.0035277
%RSD	.3106690	.4012745	.7005887	4.574411	4.143345	1.868222	.9585892

#1	2.127967	64.00773	.1436986	-.004717	1.543839	.1362059	.3648509
#2	2.119133	64.15094	.1424645	-.004509	1.669476	.1343611	.3718145
#3	2.115083	63.65261	.1417202	-.004941	1.571150	.1394069	.3673505

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	9.287709	3.861944	.0429966	.0007548	.6923278	2.311813	.0058626
Stddev	.041767	.035784	.0007404	.0001655	.0061235	.012368	.0030467
%RSD	.4497006	.9265740	1.721916	21.92601	.8844831	.5349870	51.96853

#1	9.329353	3.897395	.0437060	.0008512	.6991159	2.301487	.0025134
#2	9.245820	3.862603	.0430552	.0005637	.6872195	2.308432	.0066045
#3	9.287953	3.825836	.0422287	.0008496	.6906482	2.325520	.0084697

Sample Name: J1225-15 Acquired: 1/22/2018 19:23:21 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v395) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MF6A76D Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.6424349	.0840586	.3446806
Stddev	.0050059	.0008428	.0008032
%RSD	.7791997	1.002635	.2330296

#1	.6482132	.0848982	.3451453
#2	.6394164	.0840649	.3451435
#3	.6396749	.0832126	.3437532

Int. Std.	Y_ 2243	Y_ 2243	Y_ 3600	Y_ 3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1218.170	2563.627	39038.72	12176.49	3275.301
Stddev	6.248	1.265	113.57	17.80	1.410
%RSD	.5129413	.0493500	.2909045	.1461859	.0430344

#1	1216.931	2562.330	38912.59	12162.20	3273.748
#2	1212.634	2564.858	39132.87	12196.43	3276.499
#3	1224.945	2563.694	39070.68	12170.83	3275.657

Sample Name: J1225-16 Acquired: 1/22/2018 19:27:24 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v395) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MF6A76S Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1260710	.0818348	.1255005	.0833494	.1636173	57.68649	4.979989
Stddev	.0047802	.0030817	.0013662	.0016366	.0008101	.29116	.017921
%RSD	3.791713	3.765792	1.088627	1.963561	.4951318	.5047304	.3598602

#1	.1210070	.0802451	.1262759	.0852031	.1630360	57.60342	4.959804
#2	.1305050	.0853868	.1263026	.0821043	.1632732	57.44589	4.986133
#3	.1267011	.0798726	.1239230	.0827406	.1645426	58.01016	4.994030

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0932231	.0918536	172.1726	.5243035	.9732614	.5532114	102.7335
Stddev	.0004875	.0003115	.6030	.0008467	.0030524	.0019541	.4375
%RSD	.5229080	.3390757	.3502524	.1614847	.3136298	.3532206	.4258174

#1	.0934790	.0921578	171.7294	.5246382	.9767697	.5510607	102.6487
#2	.0926610	.0918677	171.9291	.5249317	.9718001	.5536956	102.3446
#3	.0935294	.0915354	172.8593	.5233407	.9712143	.5548778	103.2072

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	3.036466	64.07658	1.057716	.0671648	1.630099	1.031788	1.076334
Stddev	.009752	.23659	.002034	.0008739	.103270	.005112	.008170
%RSD	.3211565	.3692358	.1923220	1.301091	6.335174	.4954913	.7590189

#1	3.028615	64.05499	1.059198	.0673572	1.749197	1.032960	1.082294
#2	3.033400	63.85152	1.058553	.0679264	1.565412	1.026191	1.079687
#3	3.047382	64.32323	1.055397	.0662107	1.575689	1.036212	1.067021

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	9.324205	3.757260	.0436583	.0009986	.6761964	2.425795	.0057194
Stddev	.047577	.020634	.0009245	.0003195	.0060737	.012910	.0014423
%RSD	.5102572	.5491700	2.117633	31.99299	.8982149	.5321883	25.21708

#1	9.275748	3.778817	.0432099	.0013568	.6826222	2.436542	.0041527
#2	9.326016	3.737693	.0447215	.0007430	.6705501	2.429367	.0069918
#3	9.370852	3.755272	.0430435	.0008961	.6754169	2.411475	.0060136

Sample Name: J1225-16 Acquired: 1/22/2018 19:27:24 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v395) Mode: CONC Corr. Factor: 1.000000
 User: JASWAL Custom ID1: MF6A76S Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.6392484	.0855118	.3439205
Stddev	.0047302	.0007583	.0008730
%RSD	.7399652	.8867188	.2538375

#1	.6346772	.0847969	.3430309
#2	.6389450	.0854314	.3447759
#3	.6441230	.0863070	.3439547

Int. Std.	Y_ 2243	Y_ 2243	Y_ 3600	Y_ 3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1215.107	2579.149	38564.15	11920.28	3302.523
Stddev	15.261	.994	320.64	63.39	5.175
%RSD	1.255941	.0385302	.8314552	.5317479	.1566846

#1	1200.277	2579.111	38393.29	11902.00	3297.851
#2	1214.278	2580.161	38365.12	11990.79	3301.634
#3	1230.766	2578.175	38934.04	11868.04	3308.085

Sample Name: J1225-14LX5 Acquired: 1/22/2018 19:31:23 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v395) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MF6A76L Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0140751	-.002368	.0192240	-.000915	.0007422	11.67325	.3107270
Stddev	.0003465	.001465	.0009379	.000748	.0003837	.05522	.0019379
%RSD	2.461597	61.87019	4.878835	81.76245	51.70117	.4730452	.6236591

#1	.0136844	-.002851	.0182043	-.001775	.0011799	11.72327	.3123156
#2	.0141959	-.000723	.0200497	-.000420	.0004635	11.68249	.3112976
#3	.0143449	-.003532	.0194182	-.000549	.0005833	11.61399	.3085679

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0013310	.0002522	37.98193	.0366970	.0109369	.0252978	22.82585
Stddev	.0000298	.0000247	.10275	.0004453	.0002882	.0026418	.10119
%RSD	2.236563	9.779749	.2705319	1.213316	2.635521	10.44274	.4433301

#1	.0013644	.0002719	38.03820	.0361829	.0109043	.0272230	22.87673
#2	.0013072	.0002601	38.04426	.0369459	.0106664	.0263843	22.89151
#3	.0013213	.0002245	37.86333	.0369621	.0112401	.0222860	22.70931

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.4839414	13.90002	.0286291	-.001054	.3799323	.0330665	.0757667
Stddev	.0014142	.09197	.0003295	.000132	.0425579	.0006385	.0025635
%RSD	.2922318	.6616180	1.150842	12.55494	11.20145	1.930824	3.383424

#1	.4847488	14.00619	.0284905	-.000906	.3966352	.0326026	.0752032
#2	.4847670	13.84883	.0283917	-.001161	.4116051	.0328022	.0735317
#3	.4823085	13.84504	.0290053	-.001094	.3315567	.0337947	.0785650

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.916128	.7433619	.0092798	.0002326	.1450575	.5536190	.0002007
Stddev	.052497	.0074653	.0011654	.0002795	.0028437	.0061889	.0008574
%RSD	2.739761	1.004260	12.55869	120.1711	1.960378	1.117896	427.1043

#1	1.971832	.7362416	.0082799	.0003266	.1417763	.5546109	.0010386
#2	1.867568	.7427142	.0105597	-.000082	.1468063	.5592520	-.000675
#3	1.908984	.7511300	.0089998	.000453	.1465900	.5469940	.000239

Sample Name: J1225-14LX5 Acquired: 1/22/2018 19:31:23 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v395) Mode: CONC Corr. Factor: 1.000000
 User: JASWAL Custom ID1: MF6A76L Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.1408580	.0164581	.0759506
Stddev	.0016435	.0002292	.0000426
%RSD	1.166772	1.392829	.0561112

#1	.1400424	.0164664	.0759671
#2	.1427498	.0162248	.0759023
#3	.1397819	.0166831	.0759826

Int. Std.	Y_ 2243	Y_ 2243	Y_ 3600	Y_ 3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1199.052	2519.356	37786.13	10926.64	3634.439
Stddev	4.236	9.721	58.17	31.59	7.774
%RSD	.3532446	.3858457	.1539345	.2891197	.2138943

#1	1194.719	2509.015	37840.25	10910.48	3626.893
#2	1199.256	2520.745	37793.52	10906.39	3634.003
#3	1203.183	2528.307	37724.62	10963.04	3642.422

Sample Name: J1225-17 Acquired: 1/22/2018 19:35:31 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v395) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MF6A77 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0331352	-.006482	.0752752	.0041198	.0023427	42.37956	1.587552
Stddev	.0011781	.004218	.0007379	.0039369	.0006785	.29932	.016732
%RSD	3.555474	65.07058	.9802823	95.56271	28.96457	.7062776	1.053972

#1	.0344319	-.011204	.0756915	.0059077	.0017819	42.09329	1.569215
#2	.0321308	-.003088	.0744232	-.000394	.0021493	42.69041	1.601993
#3	.0328428	-.005155	.0757108	.006845	.0030969	42.35499	1.591446

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0047926	.0016060	164.6514	.0829988	.0446599	.0729553	88.57511
Stddev	.0000149	.0000333	1.3259	.0010049	.0004044	.0020636	.54317
%RSD	.3097971	2.071477	.8052781	1.210800	.9054823	2.828597	.6132354

#1	.0047781	.0016133	163.2613	.0826523	.0446310	.0728742	88.05900
#2	.0048078	.0015697	165.9021	.0841311	.0450781	.0750582	89.14180
#3	.0047919	.0016350	164.7907	.0822129	.0442708	.0709334	88.52452

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.480394	60.41430	.1157665	-.004063	1.566470	.1176101	.2394205
Stddev	.016837	.27314	.0004271	.000084	.127215	.0033293	.0029678
%RSD	1.137353	.4521150	.3689588	2.061424	8.121108	2.830821	1.239574

#1	1.464088	60.20218	.1155281	-.004160	1.502966	.1140487	.2373744
#2	1.497716	60.72250	.1162596	-.004014	1.712935	.1206445	.2428243
#3	1.479378	60.31823	.1155118	-.004015	1.483510	.1181370	.2380628

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	9.004139	4.015697	.0369364	.0005093	1.328141	2.264959	.0004182
Stddev	.158095	.009619	.0028263	.0001661	.004406	.030953	.0011211
%RSD	1.755802	.2395363	7.651669	32.61217	.3317461	1.366602	268.0613

#1	8.826482	4.016305	.0375806	.0006690	1.332216	2.229336	-.000594
#2	9.129334	4.024997	.0393849	.0003375	1.323465	2.280251	.000225
#3	9.056600	4.005788	.0338436	.0005213	1.328742	2.285289	.001623

Sample Name: J1225-17 Acquired: 1/22/2018 19:35:31 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v395) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MF6A77 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.7834858	.0649980	.3372123
Stddev	.0065736	.0006800	.0014223
%RSD	.8390136	1.046174	.4217894

#1	.7780452	.0642692	.3356913
#2	.7816222	.0656155	.3385093
#3	.7907899	.0651092	.3374363

Int. Std.	Y_ 2243	Y_ 2243	Y_ 3600	Y_ 3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1251.004	2630.772	39759.64	11966.46	3336.523
Stddev	5.249	8.007	122.70	34.00	8.064
%RSD	.4196114	.3043501	.3086034	.2841633	.2416828

#1	1245.551	2636.687	39624.51	12005.64	3344.562
#2	1251.437	2633.969	39790.30	11949.11	3336.573
#3	1256.023	2621.661	39864.10	11944.62	3328.434

Sample Name: J1225-18 Acquired: 1/22/2018 19:39:36 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v395) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MF6A79 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1039422	-.008128	30.12154	.0030483	.0068927	47.96491	2.913965
Stddev	.0019526	.002632	.37180	.0028475	.0002672	.10370	.011789
%RSD	1.878518	32.38187	1.234349	93.41355	3.875922	.2162093	.4045639

#1	.1061851	-.011015	29.93302	.0061874	.0069339	47.87680	2.902433
#2	.1030205	-.007507	30.54984	.0006316	.0071368	48.07920	2.925995
#3	.1026212	-.005862	29.88176	.0023259	.0066073	47.93873	2.913466

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0043779	.0149189	333.3132	.5703637	.0431665	.8110490	94.46548
Stddev	.0001103	.0001970	.8197	.0013849	.0007221	.0011144	.02893
%RSD	2.519974	1.320563	.2459321	.2428049	1.672877	.1374009	.0306276

#1	.0044907	.0148632	332.5671	.5708439	.0427982	.8123231	94.49268
#2	.0042702	.0151378	334.1906	.5714447	.0439985	.8105678	94.46868
#3	.0043729	.0147558	333.1818	.5688027	.0427028	.8102561	94.43508

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.112304	8.174643	.0971899	-.003843	3.769595	.1275301	1.475857
Stddev	.005383	.043067	.0013702	.000030	.072900	.0029207	.015207
%RSD	.4839623	.5268403	1.409814	.7903951	1.933906	2.290218	1.030393

#1	1.108647	8.172028	.0963750	-.003817	3.853581	.1254679	1.468945
#2	1.118485	8.132942	.0987718	-.003876	3.722679	.1308723	1.465334
#3	1.109779	8.218958	.0964229	-.003836	3.732525	.1262500	1.493293

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.142225	1.217101	.0416416	.0059118	25.46161	2.076821	.0859415
Stddev	.058353	.007384	.0019766	.0001896	.29636	.024045	.0021417
%RSD	1.134773	.6066795	4.746593	3.207376	1.163957	1.157787	2.492023

#1	5.151666	1.219861	.0397772	.0059845	25.53244	2.097224	.0852149
#2	5.195282	1.222707	.0414337	.0060543	25.71615	2.082928	.0883520
#3	5.079728	1.208734	.0437139	.0056966	25.13626	2.050312	.0842576

Sample Name: J1225-18 Acquired: 1/22/2018 19:39:36 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v395) Mode: CONC Corr. Factor: 1.000000
 User: JASWAL Custom ID1: MF6A79 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.3098692	.0326914	1.302817
Stddev	.0011499	.0003005	.000664
%RSD	.3710823	.9190983	.0509451

#1	.3108844	.0324154	1.302247
#2	.3101027	.0330114	1.303546
#3	.3086205	.0326472	1.302659

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1143.359	2411.118	37177.07	11527.10	3170.821
Stddev	6.272	24.095	172.46	67.74	33.235
%RSD	.5485495	.9993454	.4638975	.5876531	1.048155

#1	1136.697	2416.586	36991.00	11469.51	3181.347
#2	1149.150	2384.758	37208.68	11510.06	3133.597
#3	1144.230	2432.009	37331.55	11601.73	3197.518

Sample Name: J1225-19 Acquired: 1/22/2018 19:43:39 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v395) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MF6A80 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0664768	-.013691	.1902755	.0077074	.0054250	140.5856	2.331858
Stddev	.0021309	.001888	.0013870	.0012854	.0023028	.7498	.010993
%RSD	3.205482	13.79233	.7289534	16.67783	42.44739	.5333667	.4714440

#1	.0669814	-.015260	.1918553	.0091917	.0042787	139.8087	2.323076
#2	.0641389	-.014217	.1897136	.0069583	.0039203	140.6431	2.328312
#3	.0683101	-.011595	.1892576	.0069723	.0080759	141.3051	2.344187

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0046878	.0010279	46.37321	.2694762	.0239333	.1929084	163.4233
Stddev	.0000227	.0000909	.26583	.0006734	.0003263	.0023493	.7880
%RSD	.4837532	8.840898	.5732385	.2498867	1.363332	1.217807	.4821976

#1	.0047096	.0010246	46.68008	.2688680	.0241702	.1937072	162.5771
#2	.0046644	.0011203	46.21346	.2693608	.0235611	.1902639	163.5568
#3	.0046893	.0009386	46.22610	.2701999	.0240685	.1947541	164.1361

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.5732539	12.58499	.0933390	-.007074	4.210979	.4627958	.3608437
Stddev	.0011471	.04012	.0008864	.000378	.074117	.0061799	.0058628
%RSD	.2001098	.3187887	.9496871	5.342192	1.760098	1.335344	1.624759

#1	.5725236	12.56240	.0933654	-.007396	4.180008	.4580022	.3676115
#2	.5726620	12.56127	.0924397	-.007168	4.295559	.4606146	.3573165
#3	.5745761	12.63132	.0942120	-.006658	4.157371	.4697705	.3576031

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.539322	.2208504	.0390448	.0011650	19.49917	3.861941	.0047450
Stddev	.059697	.0016632	.0062323	.0001324	.08879	.134359	.0006672
%RSD	1.077691	.7530670	15.96203	11.36517	.4553554	3.479055	14.06205

#1	5.514075	.2214204	.0357478	.0010126	19.55406	3.718310	.0040146
#2	5.496397	.2189772	.0351534	.0012314	19.39674	3.984550	.0048976
#3	5.607494	.2221535	.0462331	.0012511	19.54673	3.882962	.0053227

Sample Name: J1225-19 Acquired: 1/22/2018 19:43:39 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v395) Mode: CONC Corr. Factor: 1.000000
 User: JASWAL Custom ID1: MF6A80 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.2231923	.0627299	.5398303
Stddev	.0023282	.0006222	.0004897
%RSD	1.043151	.9918026	.0907058

#1	.2251460	.0621335	.5394559
#2	.2238149	.0626813	.5396505
#3	.2206161	.0633750	.5403844

Int. Std.	Y_ 2243	Y_ 2243	Y_ 3600	Y_ 3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1218.482	2554.337	38009.99	11506.33	3502.722
Stddev	9.077	5.912	58.00	30.42	2.885
%RSD	.7449359	.2314583	.1525928	.2643355	.0823515

#1	1215.658	2548.733	38051.61	11540.76	3502.118
#2	1211.152	2553.762	38034.61	11483.13	3505.860
#3	1228.635	2560.516	37943.74	11495.09	3500.187

Sample Name: CCV075 Acquired: 1/22/2018 19:47:44 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v395) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: CCV075 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.980883	4.858650	25.05142	4.833559	4.838237	390.2623
Stddev	.019176	.009897	.02894	.010599	.005723	3.1030
%RSD	.3849963	.2036905	.1155357	.2192888	.1182835	.7951175

#1	4.990358	4.853255	25.06140	4.822248	4.842942	392.6998
#2	4.993478	4.870071	25.07405	4.843263	4.839904	391.3180
#3	4.958813	4.852623	25.01880	4.835165	4.831866	386.7692

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	9.961491	.5224043	2.533878	420.4853	15.74466	2.516427
Stddev	.077203	.0031252	.006381	1.9392	.01913	.001404
%RSD	.7750141	.5982380	.2518372	.4611831	.1214811	.0558009

#1	9.872346	.5227654	2.533638	419.3442	15.76622	2.517003
#2	10.00656	.5253334	2.540377	422.7244	15.72971	2.517451
#3	10.00556	.5191143	2.527621	419.3873	15.73806	2.514826

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	15.17678	404.7635	15.17095	412.1852	2.482083	F 1.419360
Stddev	.03762	.9667	.10527	.7261	.005550	.003363
%RSD	.2478659	.2388339	.6938704	.1761501	.2236066	.2369266

#1	15.19185	404.2761	15.11576	411.4112	2.481783	1.423053
#2	15.20453	405.8769	15.29234	412.8512	2.487777	1.418553
#3	15.13397	404.1376	15.10476	412.2933	2.476689	1.416474

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	399.5656	2.472887	F 12.95239	146.4056	5.188101	5.050159
Stddev	1.9908	.022770	.04224	1.8664	.003521	.032922
%RSD	.4982374	.9207663	.3261114	1.274792	.0678764	.6519029

#1	397.7705	2.454140	12.90725	144.7637	5.184091	5.054834
#2	401.7067	2.498225	12.99096	148.4355	5.189519	5.080493
#3	399.2195	2.466297	12.95895	146.0177	5.190692	5.015149

Sample Name: CCV075 Acquired: 1/22/2018 19:47:44 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v395) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: CCV075 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.839646	5.152643	5.009276	5.079502	5.175587	4.967675
Stddev	.011671	.013555	.033065	.009621	.018822	.000755
%RSD	.2411626	.2630745	.6600699	.1893986	.3636750	.0152069

#1	4.849211	5.137226	5.013479	5.074057	5.188816	4.967328
#2	4.843087	5.158005	5.040039	5.090610	5.183905	4.968542
#3	4.826641	5.162696	4.974311	5.073839	5.154038	4.967155

Elem	Sr4077
Units	ppm
Avg	5.126364
Stddev	.026693
%RSD	.5207063

#1	5.117223
#2	5.105442
#3	5.156427

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	954.4620	2034.041	31173.25	9918.094	2595.936
Stddev	2.6021	1.518	30.72	22.797	3.767
%RSD	.2726254	.0746227	.0985478	.2298541	.1451020

#1	953.7281	2034.628	31157.26	9925.369	2600.193
#2	957.3523	2032.317	31208.67	9892.547	2593.036
#3	952.3057	2035.178	31153.82	9936.366	2594.579

Sample Name: CCB075 Acquired: 1/22/2018 19:51:54 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v395) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: CCB075 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.001110	.0044703	.0063010	.0004187	.0024930	F .3386071
Stddev	.001752	.0020314	.0005345	.0011772	.0006376	.2157175
%RSD	157.8956	45.44230	8.481882	281.1605	25.57500	63.70730

#1	.000422	.0066940	.0064466	.0016315	.0029489	.5780816
#2	-.003020	.0027120	.0067476	-.000719	.0017644	.2782247
#3	-.000730	.0040048	.0057089	.000344	.0027657	.1595151

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0084877	.0001533	.0005382	.3727295	.0050224	.0006715
Stddev	.0059004	.0001015	.0000945	.2548264	.0003903	.0001972
%RSD	69.51679	66.20771	17.56324	68.36765	7.771703	29.36396

#1	.0151375	.0001858	.0006031	.6563190	.0054722	.0008113
#2	.0064474	.0002347	.0005818	.2988995	.0048229	.0004460
#3	.0038783	.0000396	.0004298	.1629699	.0047721	.0007573

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0108332	F .4244224	.0144651	.3155874	.0005567	.0003977
Stddev	.0079566	.2628251	.0088974	.1998193	.0000846	.0000570
%RSD	73.44670	61.92537	61.50960	63.31661	15.19421	14.32562

#1	.0196215	.7163008	.0242958	.5358627	.0005148	.0003343
#2	.0087588	.3504712	.0121350	.2649214	.0006541	.0004141
#3	.0041192	.2064951	.0069646	.1459783	.0005013	.0004446

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.4310100	.0026981	.0052087	.0862887	-.000828	F .0115518
Stddev	.1951324	.0016040	.0071551	.0614037	.000864	.0011114
%RSD	45.27330	59.44878	137.3683	71.16075	104.3224	9.621492

#1	.6562716	.0045321	.0125951	.1186446	-.000771	.0127126
#2	.3228055	.0020052	.0047209	.1247480	.000006	.0114453
#3	.3139529	.0015570	-.001690	.0154735	-.001719	.0104973

Sample Name: CCB075 Acquired: 1/22/2018 19:51:54 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v395) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: CCB075 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0014434	.0085506	.0029847	.0013700	.0050562	.0080269
Stddev	.0000503	.0009193	.0007751	.0005956	.0032491	.0027057
%RSD	3.484578	10.75185	25.96996	43.47775	64.25955	33.70833

#1	.0014863	.0080667	.0038508	.0019214	.0083143	.0111286
#2	.0014558	.0096108	.0023562	.0014504	.0050380	.0068005
#3	.0013881	.0079741	.0027470	.0007382	.0018162	.0061515

Elem	Sr4077
Units	ppm
Avg	.0041384
Stddev	.0028086
%RSD	67.86669

#1	.0072875
#2	.0032354
#3	.0018924

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1245.914	2604.672	38889.86	10738.84	3990.507
Stddev	5.002	6.422	261.81	39.21	5.667
%RSD	.4014603	.2465402	.6732172	.3651162	.1420244

#1	1240.293	2611.948	38600.96	10775.42	3995.276
#2	1247.578	2602.272	39111.43	10697.45	3992.003
#3	1249.872	2599.796	38957.20	10743.65	3984.241