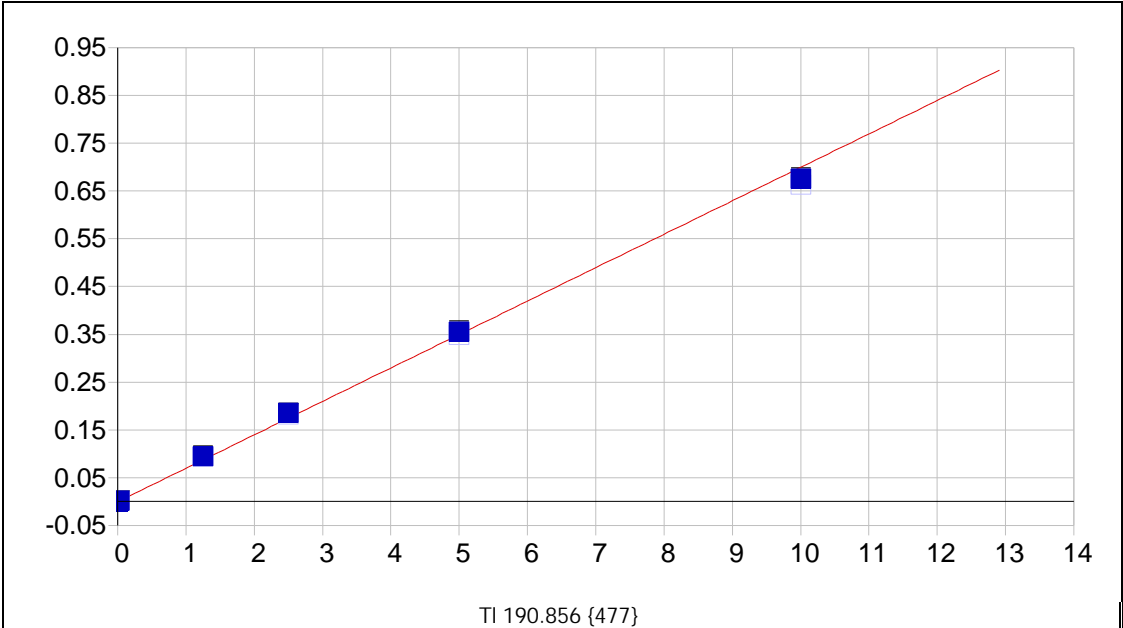


As 189.042 {479}

Date of Fit: 8/16/2017 11:30:15 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.000227 Re-Slope: 1.000000
 A1 (Gain): 0.054025 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999784 Status: OK.
 Std Error of Est: 0.000019
 Predicted MDL: 0.003133
 Predicted MQL: 0.010444

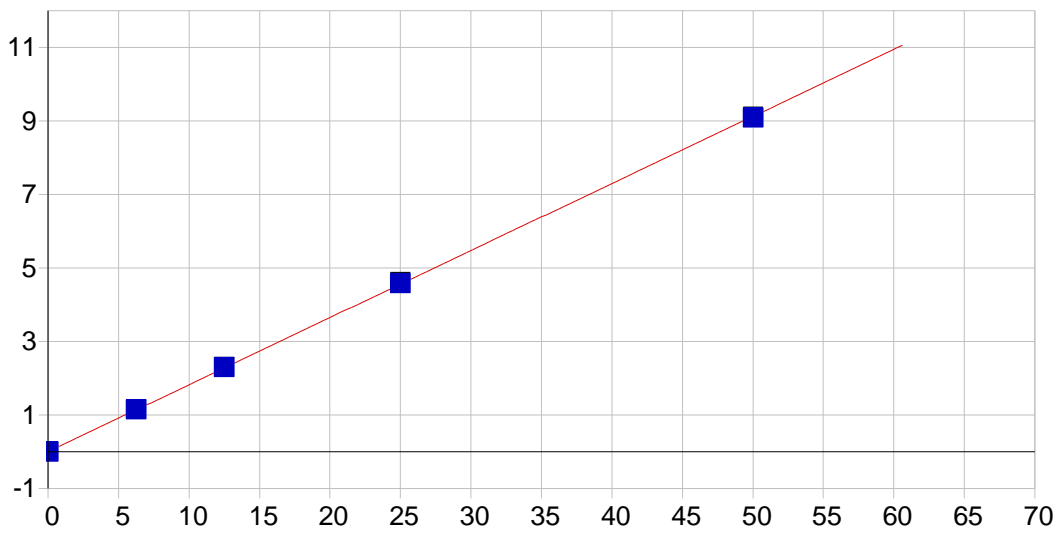
Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	-.00023	.000	1
S1	.01000	.01098	.001	9.79	.00037	.000	1
S2	1.2500	1.1996	-.050	-4.03	.06456	.000	1
S3	2.5000	2.4214	-.079	-3.14	.13055	.001	1
S4	5.0000	4.9533	-.047	-.934	.26730	.001	1
S5	10.000	10.175	.175	1.75	.54931	.002	1



Date of Fit: 8/16/2017 11:30:15 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.000209 Re-Slope: 1.000000
 A1 (Gain): 0.069975 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999116 Status: OK.
 Std Error of Est: 0.000077
 Predicted MDL: 0.001709
 Predicted MQL: 0.005697

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00001	.000	.000	-.00021	.000	1
S1	.02500	.03112	.006	24.5	.00182	.000	1
S2	1.2500	1.3587	.109	8.69	.09328	.001	1
S3	2.5000	2.6481	.148	5.93	.18192	.001	1
S4	5.0000	5.0728	.073	1.46	.34840	.002	1
S5	10.000	9.6647	-.335	-3.35	.66337	.002	1

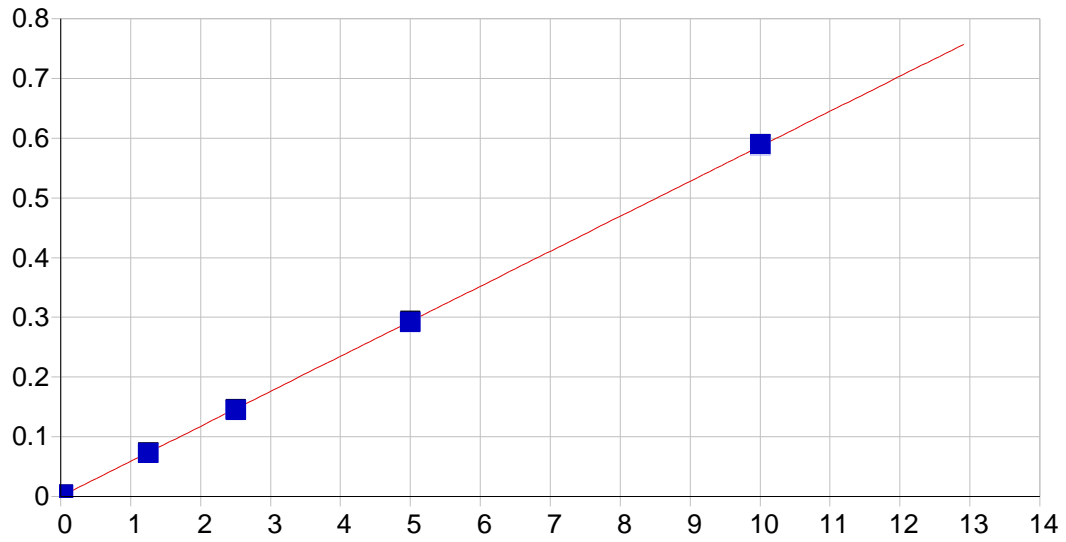


Pb 220.353 {453}

Date of Fit: 8/16/2017 11:30:15 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.000122 Re-Slope: 1.000000
 A1 (Gain): 0.182449 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999989 Status: OK.
 Std Error of Est: 0.000032
 Predicted MDL: 0.001361
 Predicted MQL: 0.004537

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	.00012	.000	1
S1	.01000	.01224	.002	22.4	.00235	.000	1
S2	6.2500	6.2868	.037	.589	1.1475	.002	1
S3	12.500	12.561	.061	.492	2.2926	.004	1
S4	25.000	25.092	.092	.368	4.5795	.026	1
S5	50.000	49.807	-.193	-.385	9.0901	.010	1

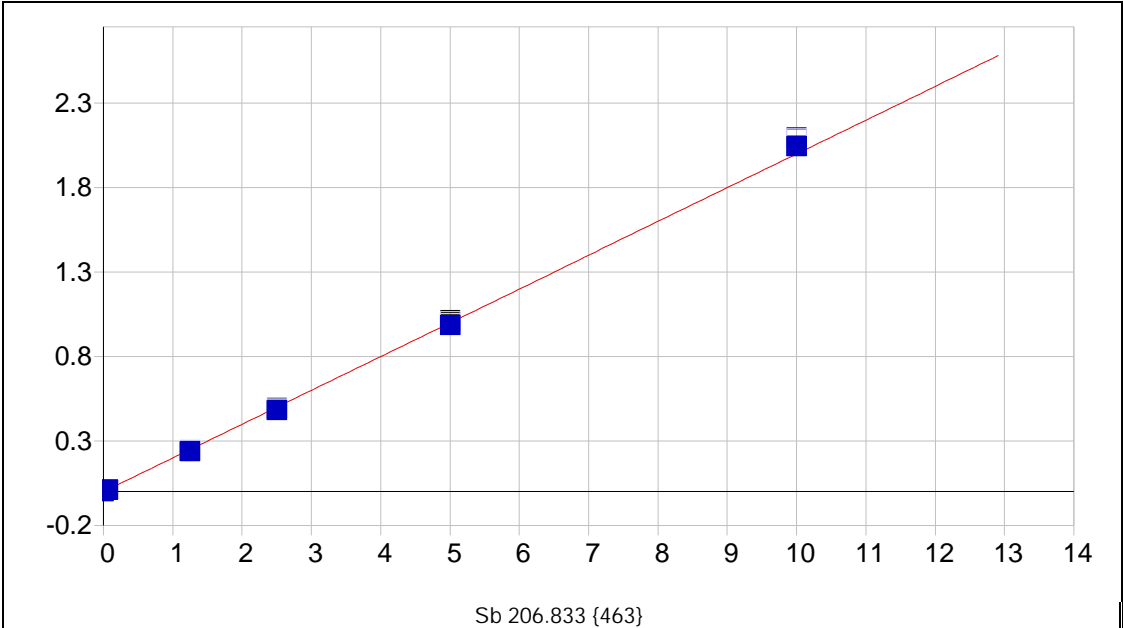


Se 196.090 {472}

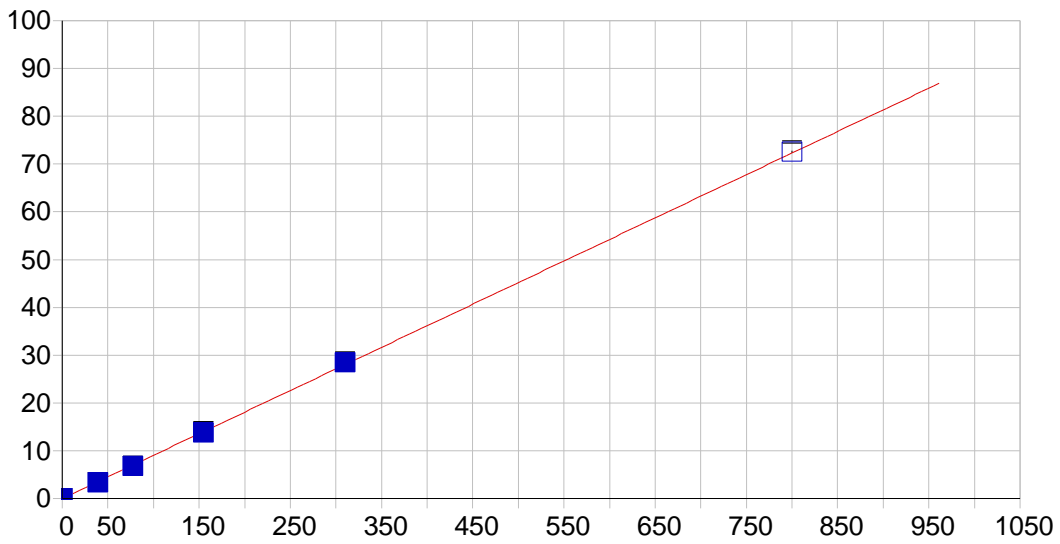
Date of Fit: 8/16/2017 11:30:15 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.000267 Re-Slope: 1.000000
 A1 (Gain): 0.058612 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999981 Status: OK.
 Std Error of Est: 0.000011
 Predicted MDL: 0.003164
 Predicted MQL: 0.010545

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	.00027	.000	1
S1	.03500	.03658	.002	4.52	.00241	.000	1
S2	1.2500	1.2409	-.009	-.726	.07273	.000	1
S3	2.5000	2.4728	-.027	-1.09	.14466	.001	1
S4	5.0000	4.9854	-.015	-.292	.29139	.002	1
S5	10.000	10.049	.049	.493	.58710	.001	1



Date of Fit:	8/16/2017 11:30:15	Type of Fit:	Linear	Weighting:	1/Conc		
A0 (Offset):	-0.000230	Re-Slope:	1.000000				
A1 (Gain):	0.199848	Y-int:	0.000000				
A2 (Curvature):	0.000000						
n (Exponent):	1.000000						
Correlation:	0.999690	Status:	OK.				
Std Error of Est:	0.000210						
Predicted MDL:	0.001281						
Predicted MQL:	0.004270						
Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	-.00023	.000	1
S1	.06000	.06157	.002	2.62	.01207	.000	1
S2	1.2500	1.1967	-.053	-4.26	.24494	.000	1
S3	2.5000	2.4060	-.094	-3.76	.49261	.001	1
S4	5.0000	4.9198	-.080	-1.60	1.0070	.006	1
S5	10.000	10.226	.226	2.26	2.0914	.003	1

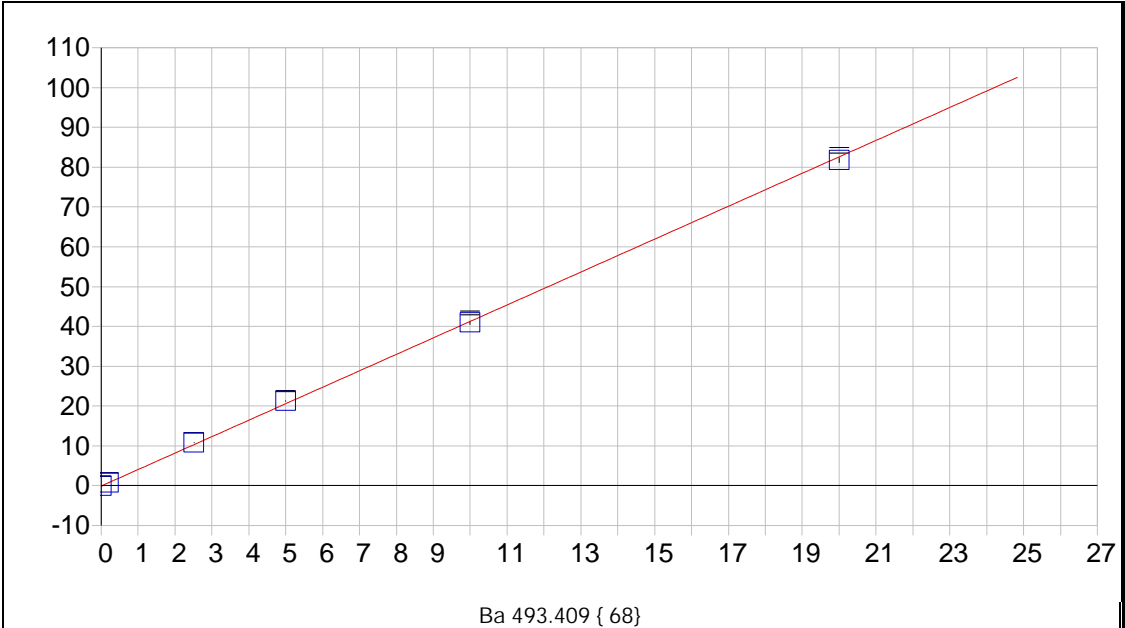


AI 396.152 { 85}

Date of Fit: 8/16/2017 11:30:15 Type of Fit: Linear Weighting: 1/Conc

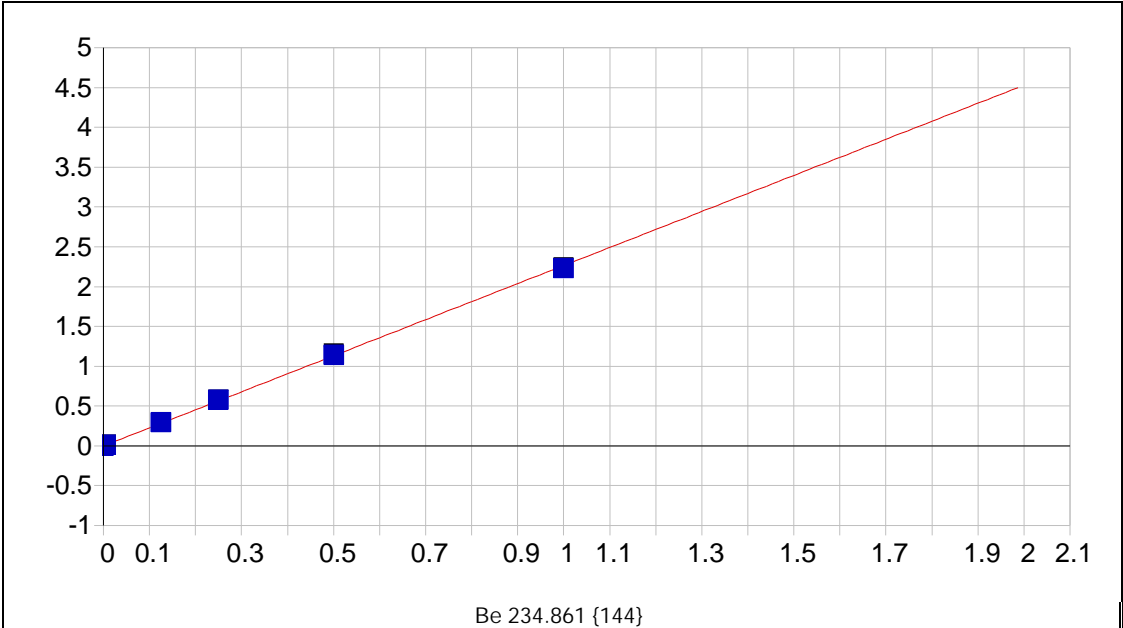
A0 (Offset): 0.000210 Re-Slope: 1.000000
 A1 (Gain): 0.090370 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999870 Status: OK.
 Std Error of Est: 0.000905
 Predicted MDL: 0.004609
 Predicted MQL: 0.015364

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00002	.000	.000	.00021	.000	1
S1	.20000	.20040	.000	.202	.01835	.000	1
S2	38.750	36.681	-2.07	-5.34	3.3193	.005	1
S3	77.500	74.347	-3.15	-4.07	6.7274	.023	1
S4	155.00	152.48	-2.52	-1.63	13.796	.198	1
S5	310.00	314.51	4.51	1.45	28.456	.117	1
S6	800.00	803.24	3.24	.405	72.589	.223	1

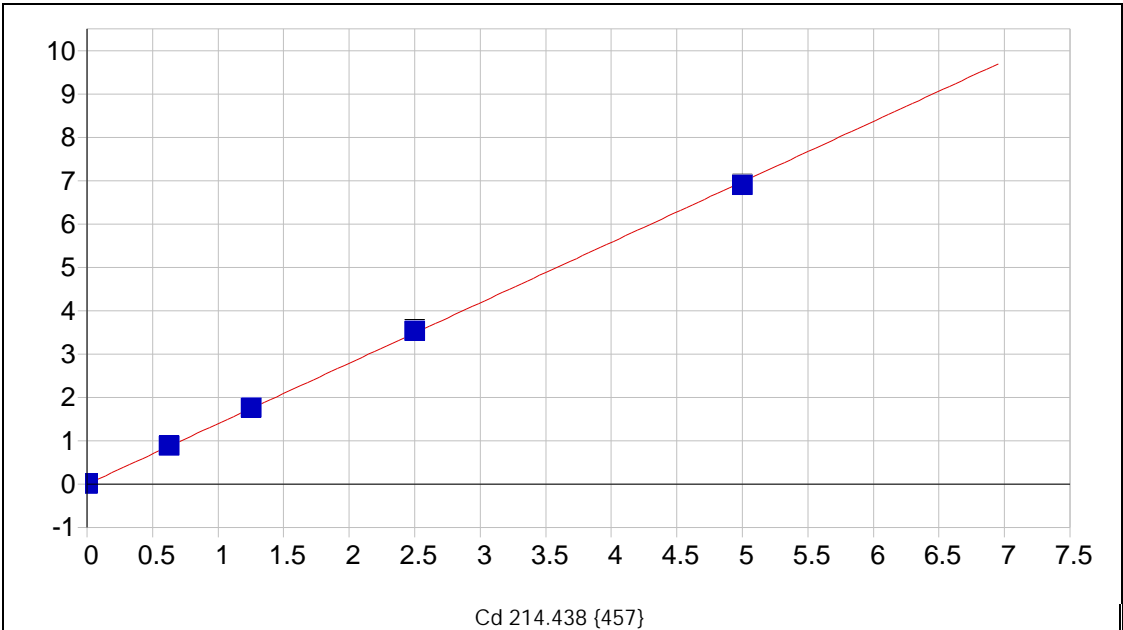


Date of Fit:	8/16/2017 11:30:15	Type of Fit:	Linear	Weighting:	1/Conc
A0 (Offset):	-0.075339	Re-Slope:	1.000000		
A1 (Gain):	4.133080	Y-int:	0.000000		
A2 (Curvature):	0.000000				
n (Exponent):	1.000000				
Correlation:	0.999786	Status:	OK.		
Std Error of Est:	0.009089				
Predicted MDL:	0.000409				
Predicted MQL:	0.001363				

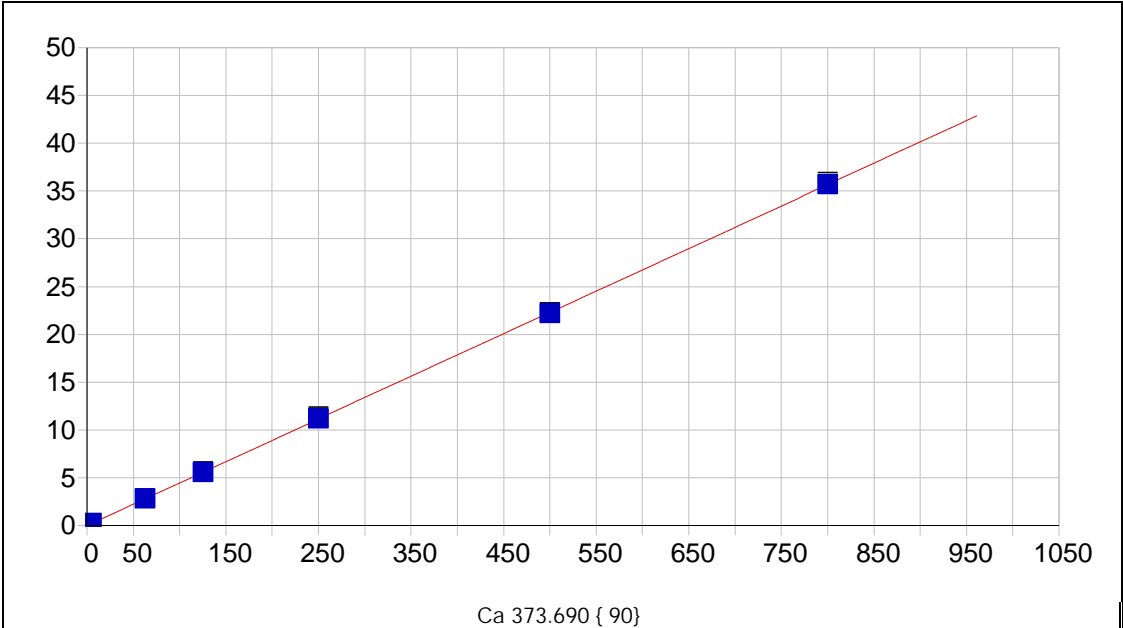
Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	-.07534	.002	1
S1	.20000	.18705	-.013	-6.47	.69777	.004	1
S2	2.5000	2.6290	.129	5.16	10.791	.012	1
S3	5.0000	5.1713	.171	3.43	21.298	.124	1
S4	10.000	9.9157	-.084	-.843	40.907	.466	1
S5	20.000	19.797	-.203	-1.02	81.747	.736	1



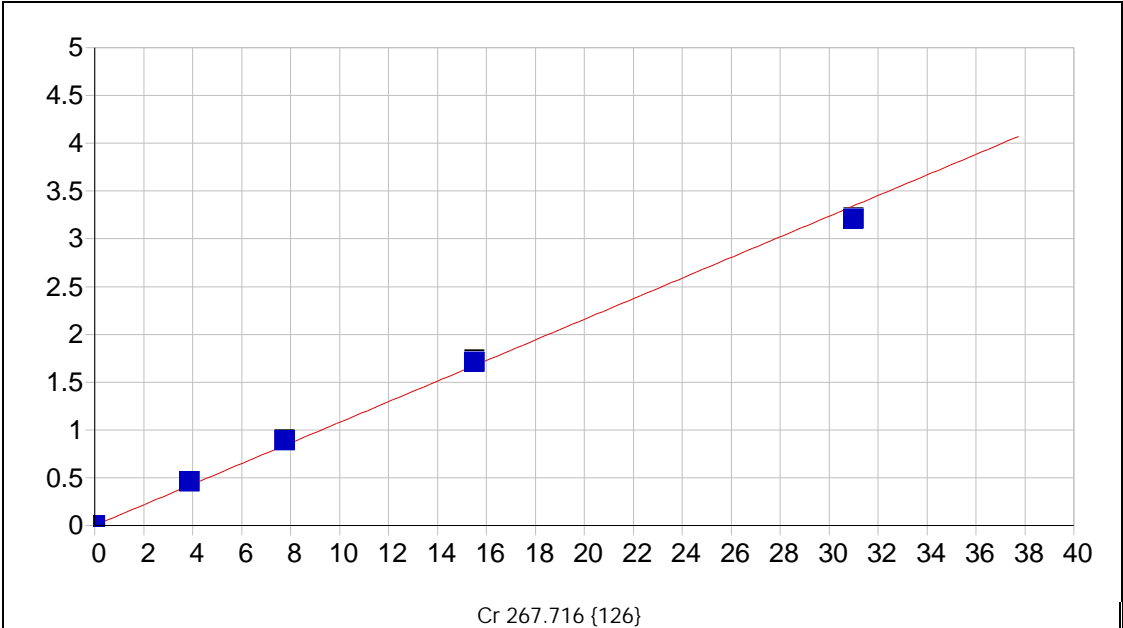
Date of Fit:	8/16/2017 11:30:15	Type of Fit:	Linear	Weighting:	1/Conc		
A0 (Offset):	-0.001172	Re-Slope:	1.000000				
A1 (Gain):	2.265106	Y-int:	0.000000				
A2 (Curvature):	0.000000						
n (Exponent):	1.000000						
Correlation:	0.999790	Status:	OK.				
Std Error of Est:	0.000173						
Predicted MDL:	0.000091						
Predicted MQL:	0.000303						
Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	-.00117	.000	1
S1	.00500	.00600	.001	20.0	.01241	.000	1
S2	.12500	.13057	.006	4.46	.29364	.001	1
S3	.25000	.25480	.005	1.92	.57408	.003	1
S4	.50000	.50340	.003	.680	1.1353	.016	1
S5	1.0000	.98522	-.015	-1.48	2.2228	.005	1



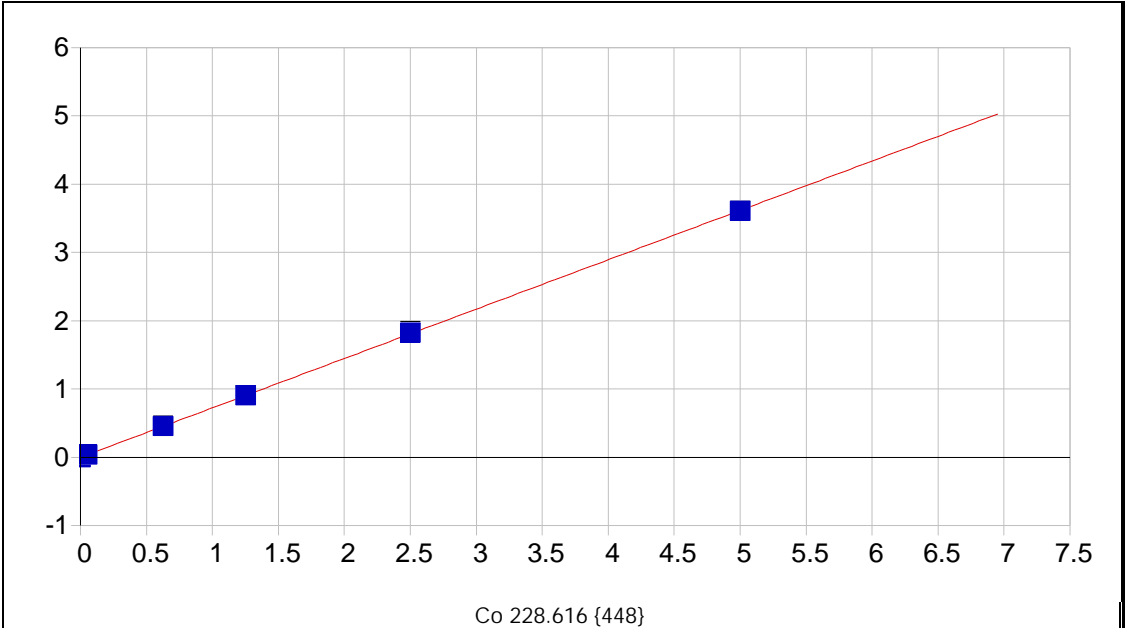
Date of Fit:	8/16/2017 11:30:15	Type of Fit:	Linear	Weighting:	1/Conc		
A0 (Offset):	0.000042	Re-Slope:	1.000000				
A1 (Gain):	1.394011	Y-int:	0.000000				
A2 (Curvature):	0.000000						
n (Exponent):	1.000000						
Correlation:	0.999927	Status:	OK.				
Std Error of Est:	0.000141						
Predicted MDL:	0.000112						
Predicted MQL:	0.000374						
Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	.00004	.000	1
S1	.00500	.00543	.000	8.66	.00762	.000	1
S2	.62500	.63088	.006	.940	.88154	.004	1
S3	1.2500	1.2645	.015	1.16	1.7669	.004	1
S4	2.5000	2.5349	.035	1.40	3.5419	.030	1
S5	5.0000	4.9443	-.056	-1.11	6.9088	.014	1



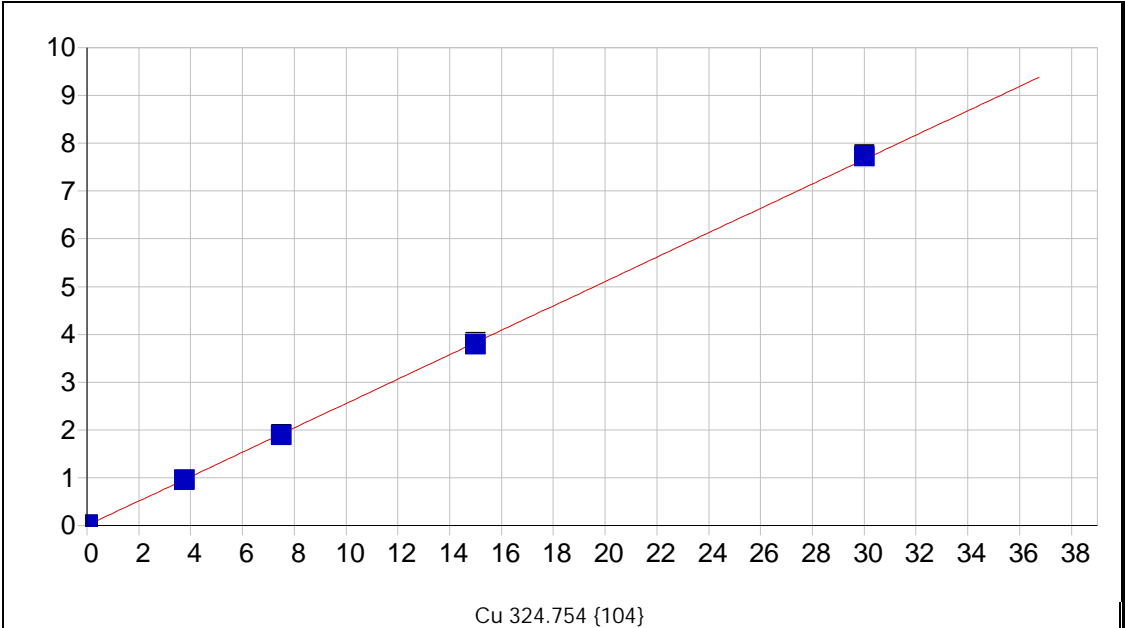
Date of Fit:	8/16/2017 11:30:15	Type of Fit:	Linear	Weighting:	1/Conc		
A0 (Offset):	0.001635	Re-Slope:	1.000000	Y-int:	0.000000		
A1 (Gain):	0.044587						
A2 (Curvature):	0.000000						
n (Exponent):	1.000000						
Correlation:	0.999995	Status:	OK.				
Std Error of Est:	0.000491						
Predicted MDL:	0.008865						
Predicted MQL:	0.029549						
Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00016	.000	.000	.00163	.000	1
S1	5.0000	5.1409	.141	2.82	.23084	.002	1
S2	62.500	62.717	.217	.347	2.7946	.005	1
S3	125.00	125.07	.073	.058	5.5715	.048	1
S4	250.00	250.39	.386	.154	11.152	.191	1
S5	500.00	497.81	-2.19	-.438	22.170	.086	1
S6	800.00	801.38	1.38	.172	35.660	.195	1



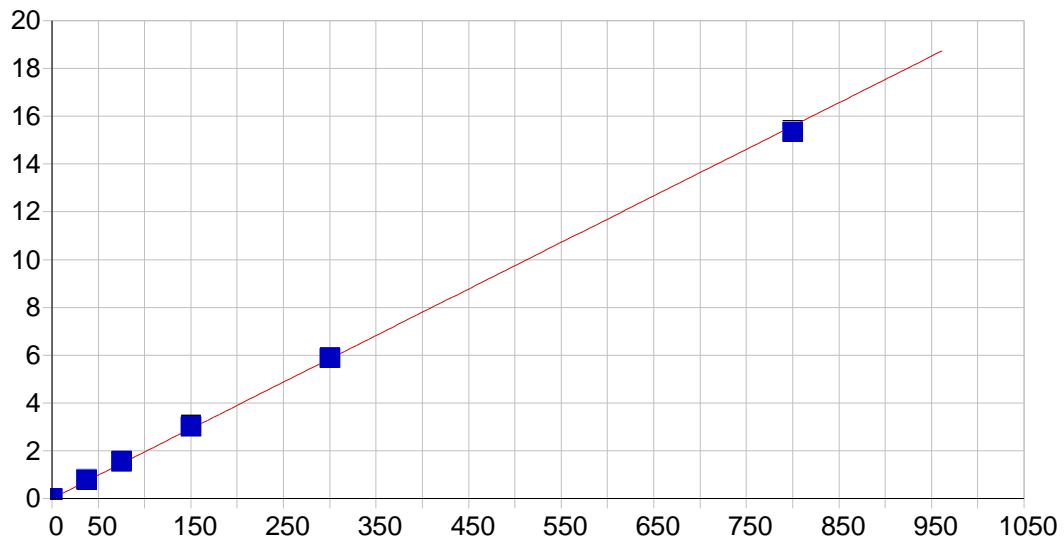
Date of Fit:	8/16/2017 11:30:15	Type of Fit:	Linear	Weighting:	1/Conc		
A0 (Offset):	0.000151	Re-Slope:	1.000000				
A1 (Gain):	0.107863	Y-int:	0.000000				
A2 (Curvature):	0.000000						
n (Exponent):	1.000000						
Correlation:	0.998904	Status:	OK.				
Std Error of Est:	0.000150						
Predicted MDL:	0.000511						
Predicted MQL:	0.001705						
Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	.00015	.000	1
S1	.01000	.01205	.002	20.5	.00147	.000	1
S2	3.8750	4.2440	.369	9.52	.45900	.001	1
S3	7.7500	8.2513	.501	6.47	.89233	.005	1
S4	15.500	15.883	.383	2.47	1.7177	.013	1
S5	31.000	29.745	-1.26	-4.05	3.2172	.004	1



Date of Fit:	8/16/2017 11:30:15	Type of Fit:	Linear	Weighting:	1/Conc		
A0 (Offset):	-0.000156	Re-Slope:	1.000000				
A1 (Gain):	0.723303	Y-int:	0.000000				
A2 (Curvature):	0.000000						
n (Exponent):	1.000000						
Correlation:	0.999982	Status:	OK.				
Std Error of Est:	0.000117						
Predicted MDL:	0.000238						
Predicted MQL:	0.000792						
Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	-.00015	.000	1
S1	.05000	.04788	-.002	-4.23	.03461	.000	1
S2	.62500	.62447	-.001	-.084	.45247	.001	1
S3	1.2500	1.2468	-.003	-.256	.90354	.001	1
S4	2.5000	2.5222	.022	.888	1.8279	.014	1
S5	5.0000	4.9837	-.016	-.327	3.6121	.004	1



Date of Fit:	8/16/2017 11:30:15	Type of Fit:	Linear	Weighting:	1/Conc		
A0 (Offset):	0.001339	Re-Slope:	1.000000				
A1 (Gain):	0.255267	Y-int:	0.000000				
A2 (Curvature):	0.000000						
n (Exponent):	1.000000						
Correlation:	0.999945	Status:	OK.				
Std Error of Est:	0.000122						
Predicted MDL:	0.001069						
Predicted MQL:	0.003562						
Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	.00134	.000	1
S1	.02500	.02844	.003	13.8	.00856	.000	1
S2	3.7500	3.7175	-.033	-.868	.94755	.000	1
S3	7.5000	7.4091	-.091	-1.21	1.8872	.008	1
S4	15.000	14.842	-.158	-1.06	3.7790	.042	1
S5	30.000	30.279	.279	.928	7.7086	.036	1

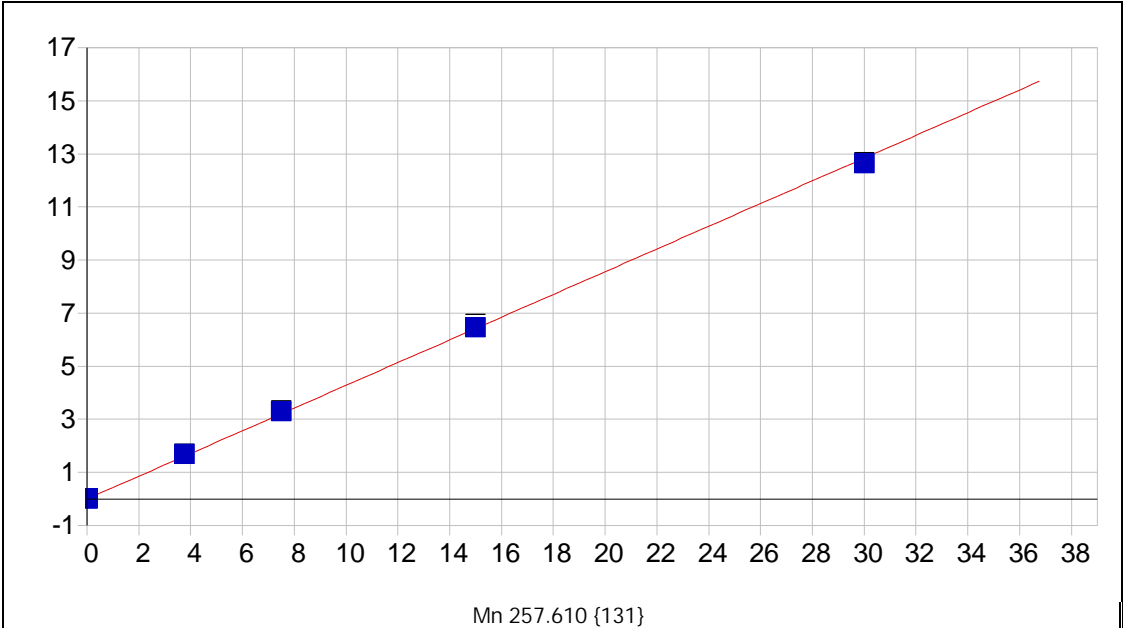


Fe 259.837 {130}

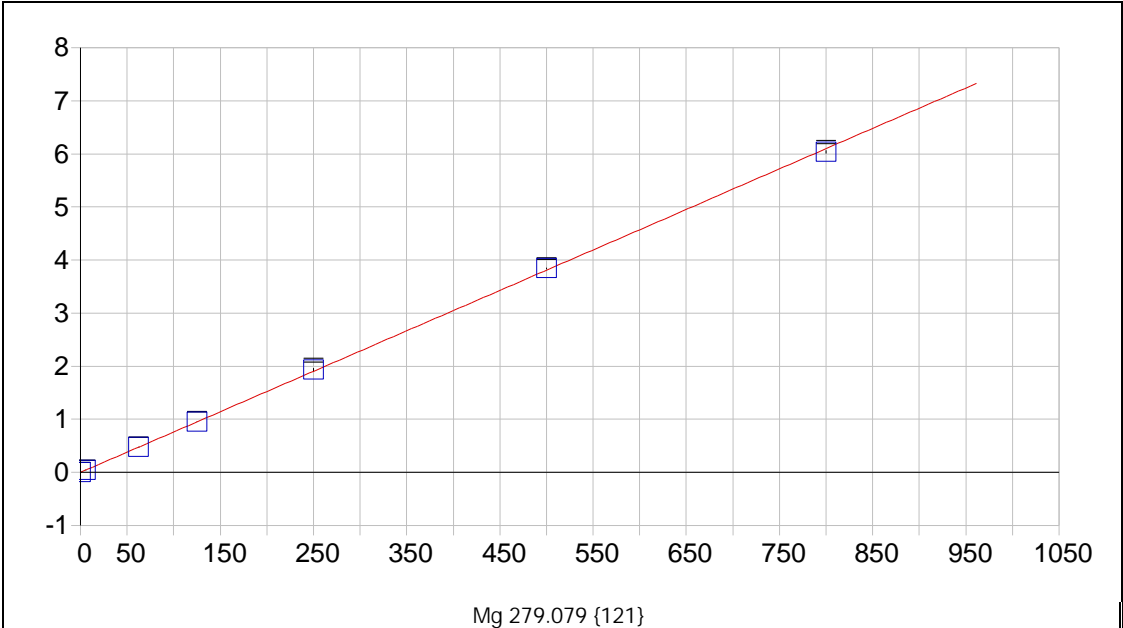
Date of Fit: 8/16/2017 11:30:15 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.000129 Re-Slope: 1.000000
 A1 (Gain): 0.019489 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999679 Status: OK.
 Std Error of Est: 0.000216
 Predicted MDL: 0.006816
 Predicted MQL: 0.022721

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00004	.000	.000	.00013	.000	1
S1	.10000	.12046	.020	20.5	.00249	.000	1
S2	37.500	40.623	3.12	8.33	.79270	.003	1
S3	75.000	79.223	4.22	5.63	1.5458	.006	1
S4	150.00	154.55	4.55	3.04	3.0157	.051	1
S5	300.00	301.58	1.58	.528	5.8846	.018	1
S6	800.00	786.49	-13.5	-1.69	15.336	.075	1



Date of Fit:	8/16/2017 11:30:15	Type of Fit:	Linear	Weighting:	1/Conc		
A0 (Offset):	-0.000029	Re-Slope:	1.000000				
A1 (Gain):	0.428035	Y-int:	0.000000				
A2 (Curvature):	0.000000						
n (Exponent):	1.000000						
Correlation:	0.999786	Status:	OK.				
Std Error of Est:	0.000315						
Predicted MDL:	0.000344						
Predicted MQL:	0.001148						
Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	-.00003	.000	1
S1	.01500	.01732	.002	15.4	.00739	.000	1
S2	3.7500	3.9474	.197	5.26	1.6899	.005	1
S3	7.5000	7.6826	.183	2.44	3.2891	.023	1
S4	15.000	15.111	.111	.742	6.4696	.112	1
S5	30.000	29.506	-.494	-1.65	12.633	.039	1

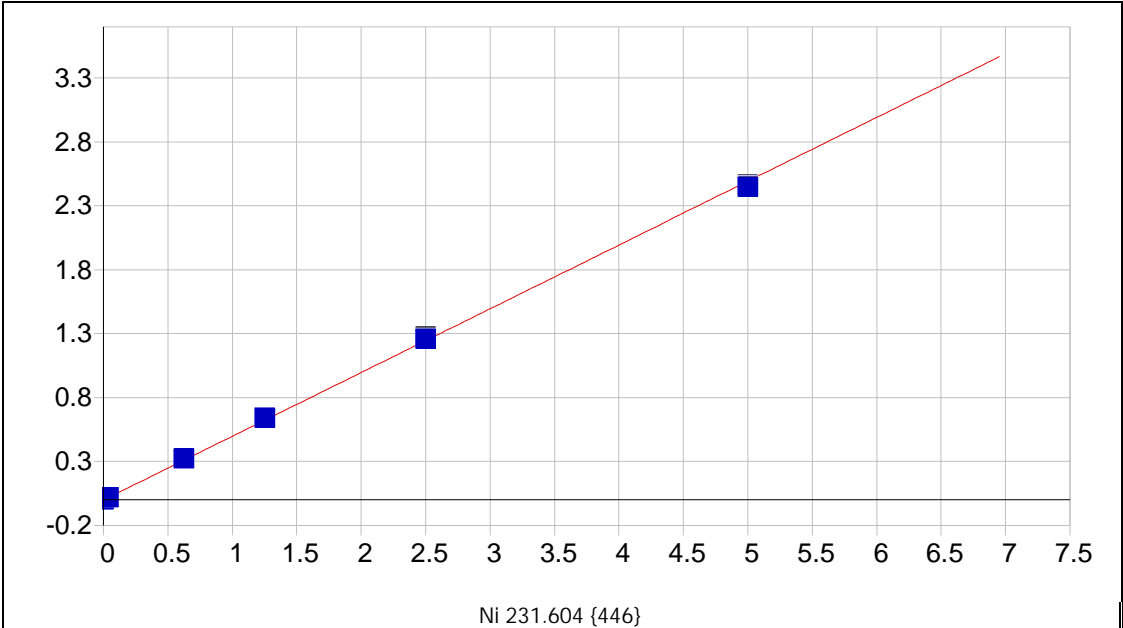


Mg 279.079 {121}

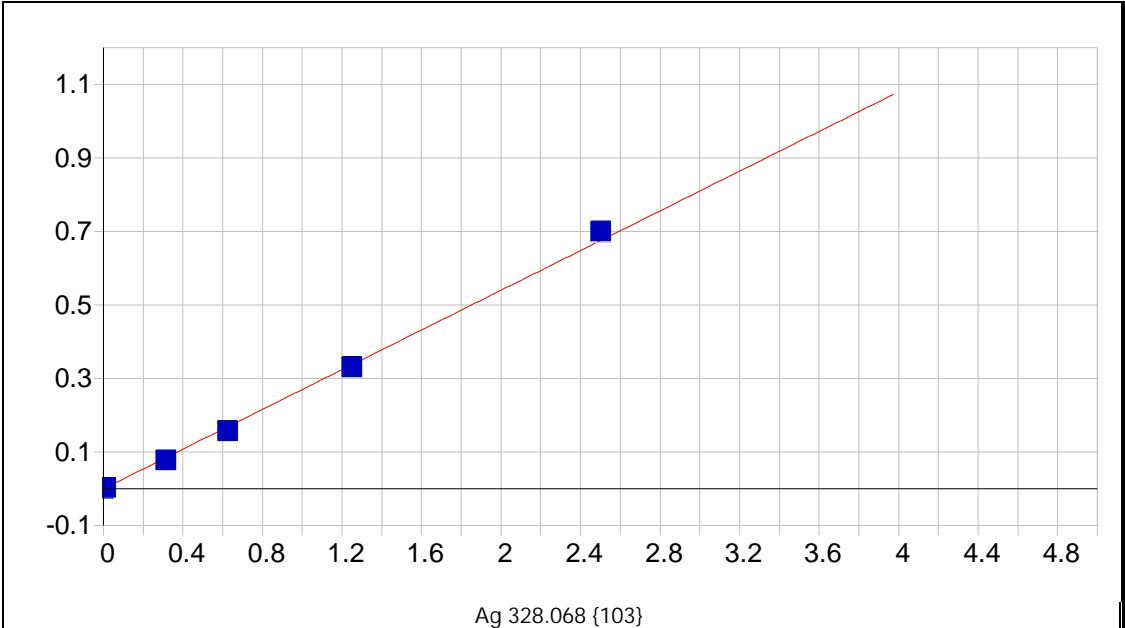
Date of Fit: 8/16/2017 11:30:15 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.000164 Re-Slope: 1.000000
 A1 (Gain): 0.007621 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999954 Status: OK.
 Std Error of Est: 0.000256
 Predicted MDL: 0.020350
 Predicted MQL: 0.067833

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00021	.000	.000	-.00017	.000	1
S1	5.0000	5.1264	.126	2.53	.03891	.000	1
S2	62.500	62.587	.087	.139	.47684	.002	1
S3	125.00	125.46	.459	.367	.95601	.003	1
S4	250.00	253.30	3.30	1.32	1.9304	.032	1
S5	500.00	504.04	4.04	.808	3.8413	.014	1
S6	800.00	791.98	-8.02	-1.00	6.0359	.028	1

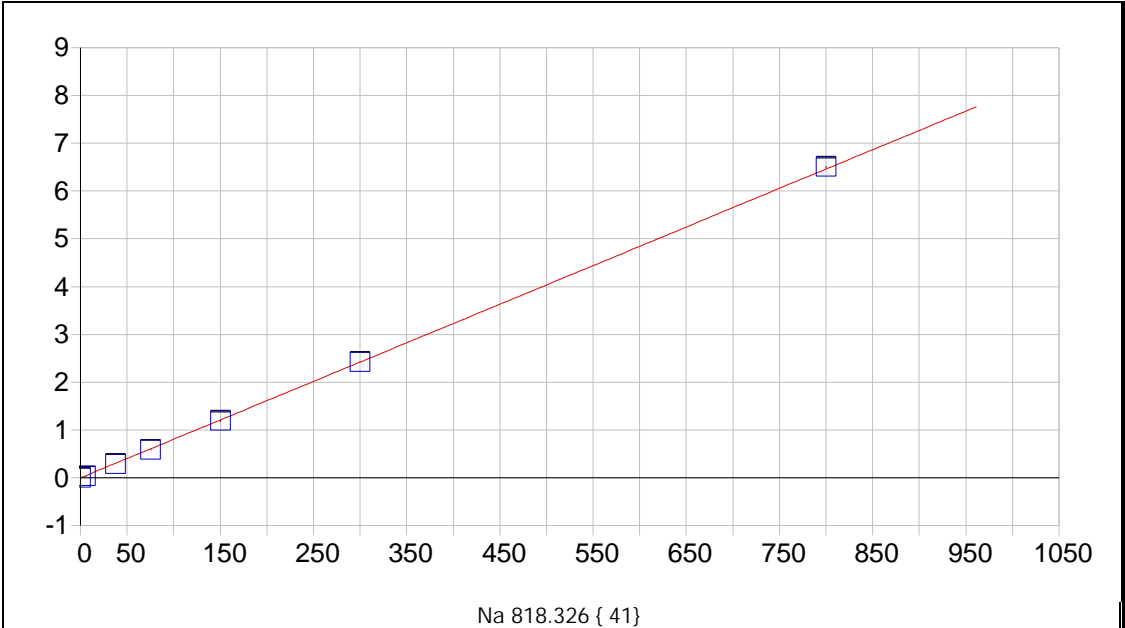


Date of Fit:	8/16/2017 11:30:15	Type of Fit:	Linear	Weighting:	1/Conc		
A0 (Offset):	-0.000319	Re-Slope:	1.000000				
A1 (Gain):	0.498537	Y-int:	0.000000				
A2 (Curvature):	0.000000						
n (Exponent):	1.000000						
Correlation:	0.999791	Status:	OK.				
Std Error of Est:	0.000244						
Predicted MDL:	0.000399						
Predicted MQL:	0.001331						
Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	-.00032	.000	1
S1	.04000	.04145	.001	3.62	.02037	.000	1
S2	.62500	.64971	.025	3.95	.32522	.000	1
S3	1.2500	1.2852	.035	2.82	.64369	.003	1
S4	2.5000	2.5288	.029	1.15	1.2670	.010	1
S5	5.0000	4.9098	-.090	-1.80	2.4605	.002	1

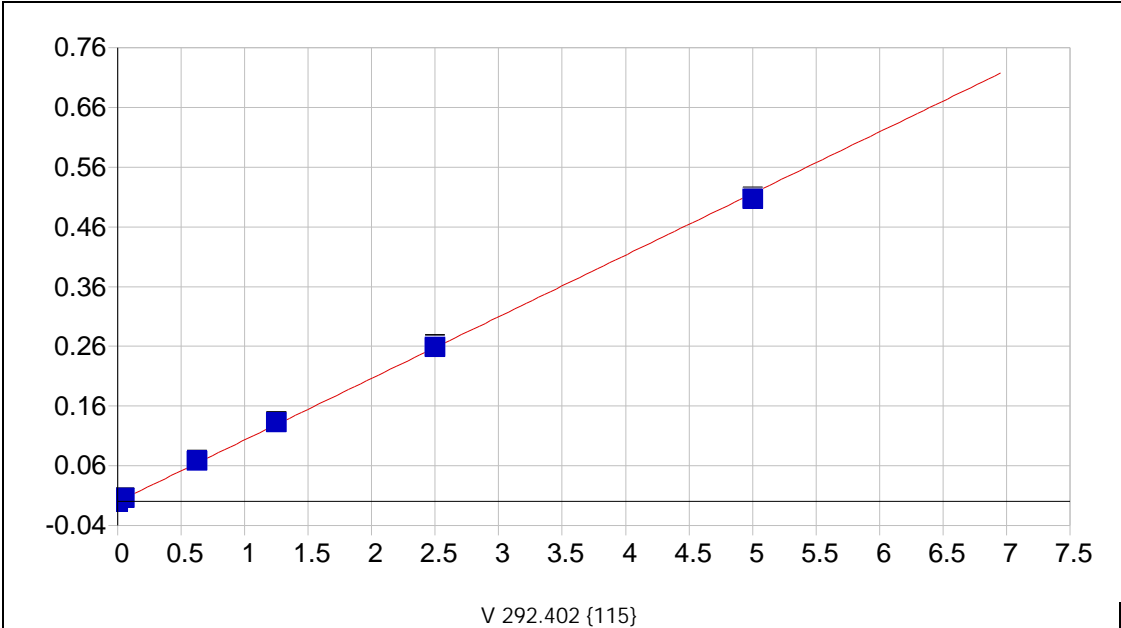


Ag 328.068 {103}

Date of Fit:	8/16/2017 11:30:15	Type of Fit:	Linear	Weighting:	1/Conc		
A0 (Offset):	-0.000160	Re-Slope:	1.000000				
A1 (Gain):	0.270016	Y-int:	0.000000				
A2 (Curvature):	0.000000						
n (Exponent):	1.000000						
Correlation:	0.999026	Status:	OK.				
Std Error of Est:	0.000099						
Predicted MDL:	0.000308						
Predicted MQL:	0.001027						
Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	-.00016	.000	1
S1	.01000	.00982	.000	-1.77	.00249	.000	1
S2	.31250	.28700	-.026	-8.16	.07676	.000	1
S3	.62500	.58103	-.044	-7.04	.15558	.001	1
S4	1.2500	1.2270	-.023	-1.84	.32884	.002	1
S5	2.5000	2.5927	.093	3.71	.69530	.002	1



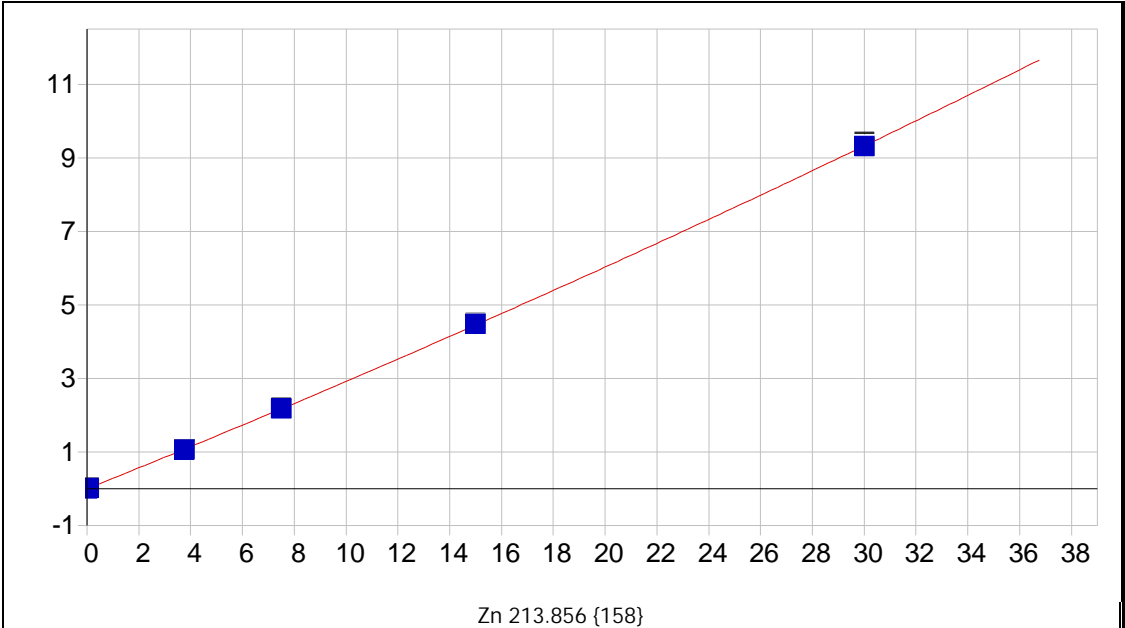
Date of Fit:	8/16/2017 11:30:15	Type of Fit:	Linear	Weighting:	1/Conc		
A0 (Offset):	-0.002278	Re-Slope:	1.000000				
A1 (Gain):	0.008077	Y-int:	0.000000				
A2 (Curvature):	0.000000						
n (Exponent):	1.000000						
Correlation:	0.999930	Status:	OK.				
Std Error of Est:	0.000296						
Predicted MDL:	0.110254						
Predicted MQL:	0.367512						
Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00036	.000	.000	-.00228	.001	1
S1	5.0000	4.9937	-.006	-.126	.03805	.000	1
S2	37.500	36.262	-1.24	-3.30	.29060	.001	1
S3	75.000	72.820	-2.18	-2.91	.58587	.004	1
S4	150.00	147.35	-2.65	-1.77	1.1878	.017	1
S5	300.00	300.33	.333	.111	2.4234	.007	1
S6	800.00	805.74	5.74	.717	6.5055	.015	1



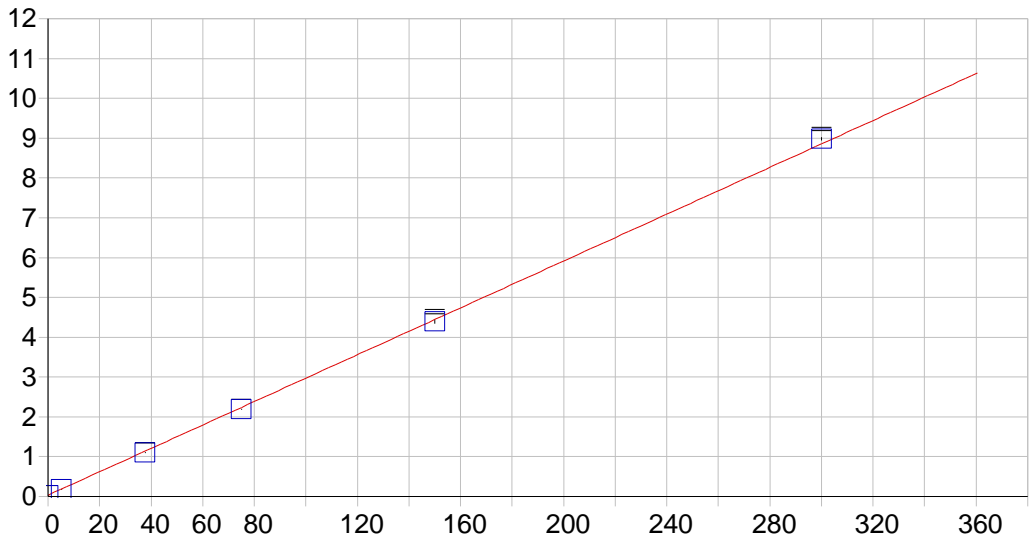
V 292.402 {115}

Date of Fit:	8/16/2017 11:30:15	Type of Fit:	Linear	Weighting:	1/Conc
A0 (Offset):	-0.000110	Re-Slope:	1.000000		
A1 (Gain):	0.103189	Y-int:	0.000000		
A2 (Curvature):	0.000000				
n (Exponent):	1.000000				
Correlation:	0.999681	Status:	OK.		
Std Error of Est:	0.000070				
Predicted MDL:	0.001985				
Predicted MQL:	0.006615				

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00001	.000	.000	-.00011	.000	1
S1	.05000	.05702	.007	14.0	.00579	.000	1
S2	.62500	.66389	.039	6.22	.06866	.001	1
S3	1.2500	1.2848	.035	2.79	.13300	.001	1
S4	2.5000	2.5100	.010	.402	.25996	.003	1
S5	5.0000	4.9092	-.091	-1.82	.50860	.002	1



Date of Fit:	8/16/2017 11:30:15	Type of Fit:	Curvilinear	Weighting:	1/Conc		
A0 (Offset):	-0.000007	Re-Slope:	1.000000				
A1 (Gain):	0.282595	Y-int:	0.000000				
A2 (Curvature):	0.000939						
n (Exponent):	1.000000						
Correlation:	0.999986	Status:	Warning	Positive Curvature			
Std Error of Est:	0.000133						
Predicted MDL:	0.002366						
Predicted MQL:	0.007888						
Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	-.00001	.000	1
S1	.06000	.05617	-.004	-6.39	.01593	.001	1
S2	3.7500	3.6909	-.059	-1.58	1.0584	.005	1
S3	7.5000	7.5149	.015	.199	2.1818	.013	1
S4	15.000	15.082	.082	.546	4.4858	.013	1
S5	30.000	29.965	-.035	-.115	9.3315	.089	1

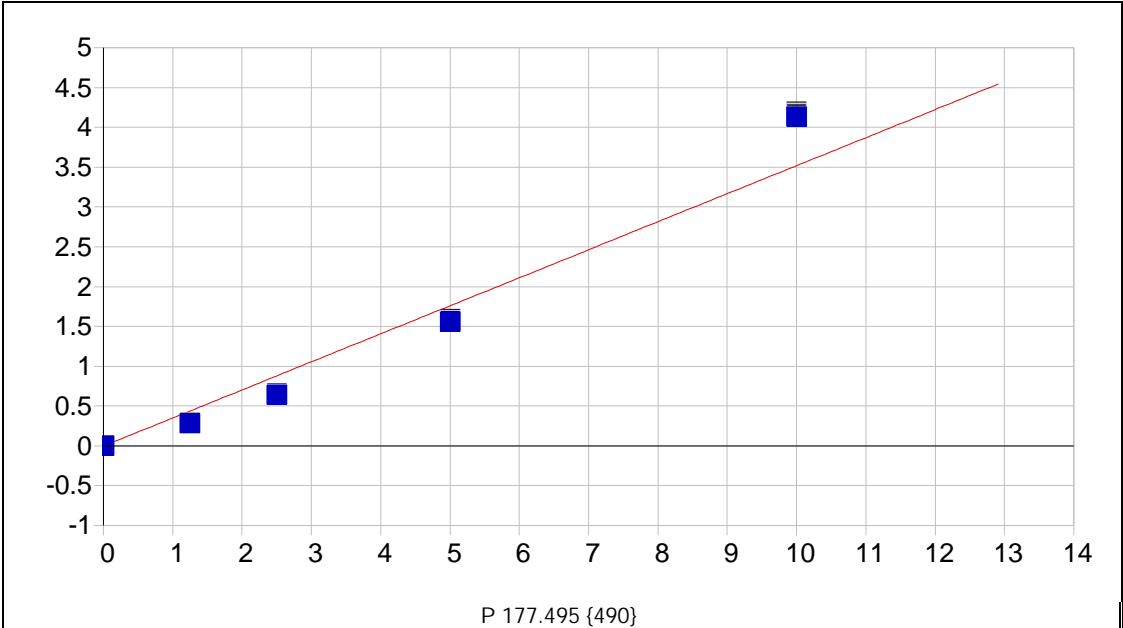


K 769.896 { 44}

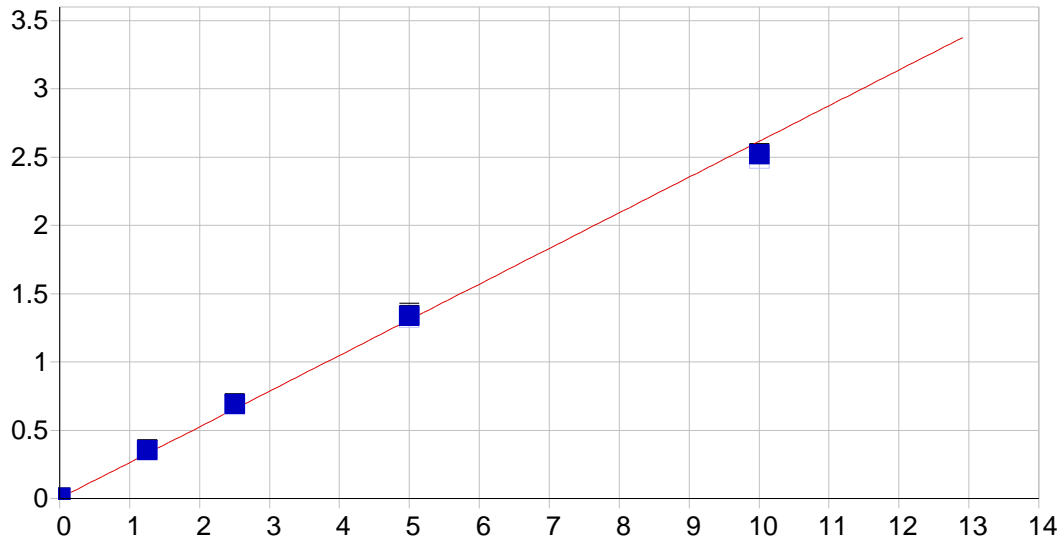
Date of Fit: 8/16/2017 11:30:15 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.032313 Re-Slope: 1.000000
 A1 (Gain): 0.029408 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999875 Status: OK.
 Std Error of Est: 0.000958
 Predicted MDL: 0.028087
 Predicted MQL: 0.093623

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00020	.000	.000	.03232	.001	1
S1	5.0000	5.0315	.032	.630	.18028	.001	1
S2	37.500	36.452	-1.05	-2.79	1.1043	.001	1
S3	75.000	73.337	-1.66	-2.22	2.1890	.004	1
S4	150.00	148.45	-1.55	-1.03	4.3980	.055	1
S5	300.00	304.22	4.22	1.41	8.9789	.039	1



Date of Fit:	8/16/2017 11:30:15	Type of Fit:	Linear	Weighting:	1/Conc		
A0 (Offset):	-0.000889	Re-Slope:	1.000000				
A1 (Gain):	0.351976	Y-int:	0.000000				
A2 (Curvature):	0.000000						
n (Exponent):	1.000000						
Correlation:	0.981547	Status:	OK.				
Std Error of Est:	0.001165						
Predicted MDL:	0.000290						
Predicted MQL:	0.000967						
Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00001	.000	.000	-.00088	.000	1
S1	.01000	.00166	-.008	-83.4	-.00024	.000	1
S2	1.2500	.79669	-.453	-36.3	.28522	.001	1
S3	2.5000	1.8119	-.688	-27.5	.64824	.003	1
S4	5.0000	4.4144	-.586	-11.7	1.5756	.012	1
S5	10.000	11.735	1.74	17.4	4.1752	.016	1

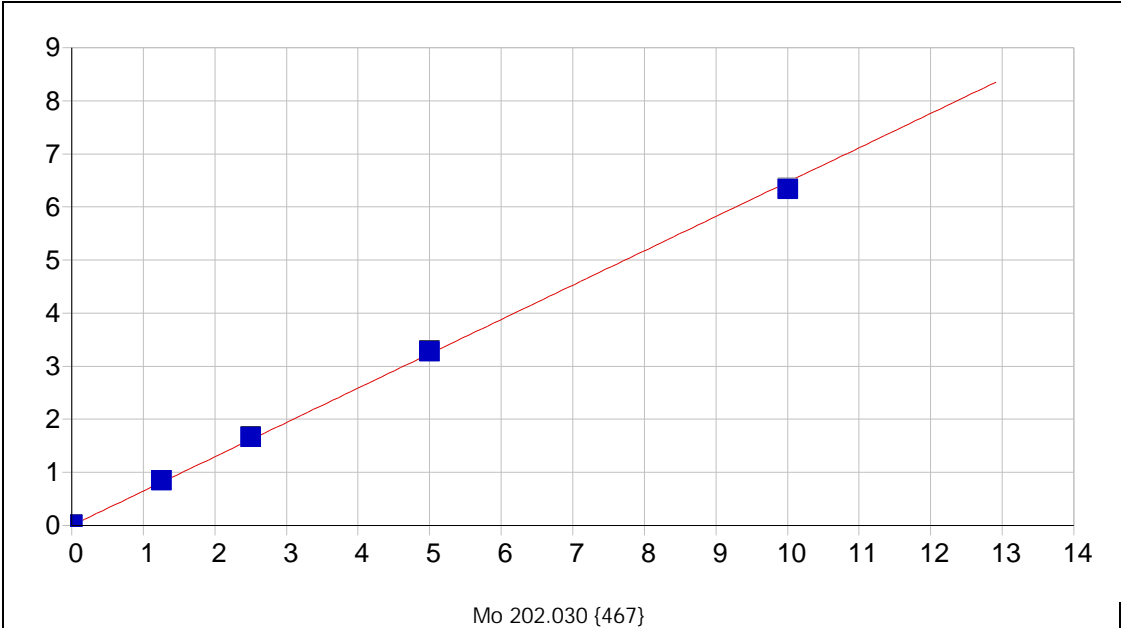


B 249.678 {135}

Date of Fit: 8/16/2017 11:30:15 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.001912 Re-Slope: 1.000000
 A1 (Gain): 0.261348 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999106 Status: OK.
 Std Error of Est: 0.000183
 Predicted MDL: 0.000924
 Predicted MQL: 0.003080

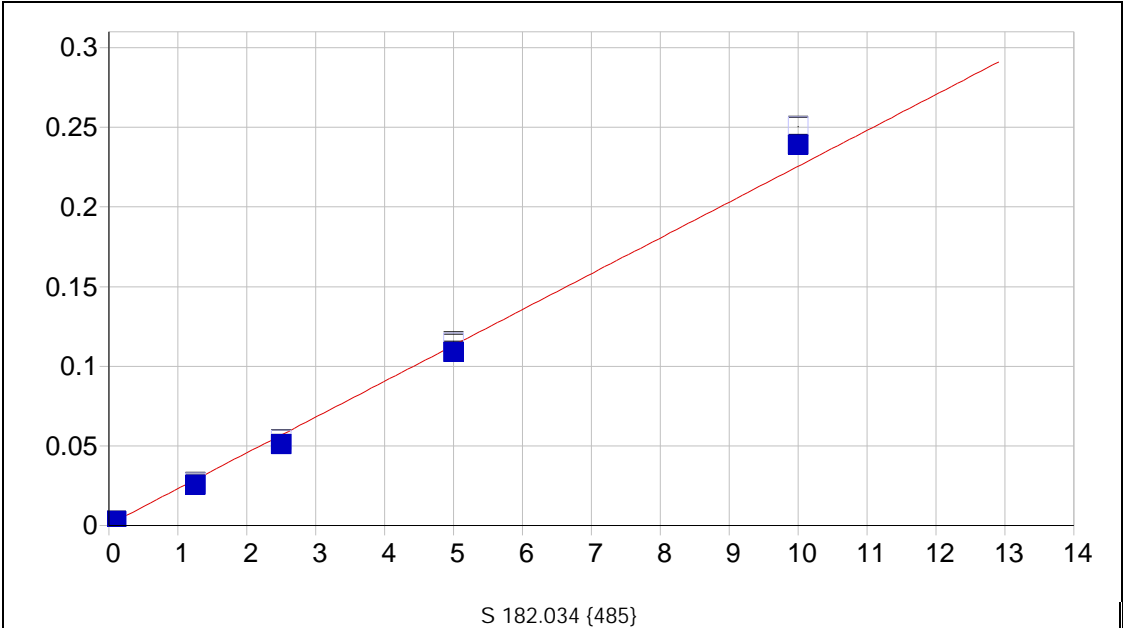
Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	.00191	.000	1
S1	.01000	.01099	.001	9.88	.00479	.000	1
S2	1.2500	1.3524	.102	8.19	.35127	.002	1
S3	2.5000	2.6429	.143	5.72	.68446	.004	1
S4	5.0000	5.1183	.118	2.37	1.3232	.019	1
S5	10.000	9.6354	-.365	-3.65	2.4874	.006	1



Date of Fit: 8/16/2017 11:30:15 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.000500 Re-Slope: 1.000000
A1 (Gain): 0.646703 Y-int: 0.000000
A2 (Curvature): 0.000000
n (Exponent): 1.000000
Correlation: 0.999718 Status: OK.
Std Error of Est: 0.000258
Predicted MDL: 0.000316
Predicted MQL: 0.001053

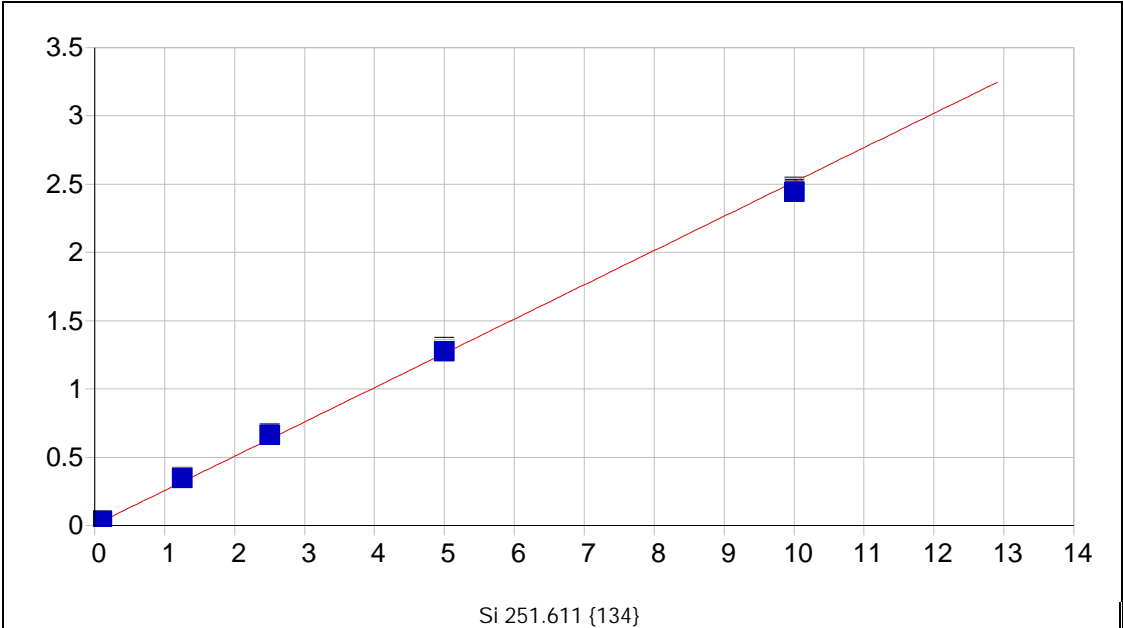
Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	.00050	.000	1
S1	.01000	.01191	.002	19.1	.00822	.000	1
S2	1.2500	1.3097	.060	4.78	.84823	.001	1
S3	2.5000	2.5748	.075	2.99	1.6671	.002	1
S4	5.0000	5.0685	.069	1.37	3.2813	.015	1
S5	10.000	9.7950	-.205	-2.05	6.3408	.010	1



Date of Fit: 8/16/2017 11:30:15 Type of Fit: Linear Weighting: 1/Conc

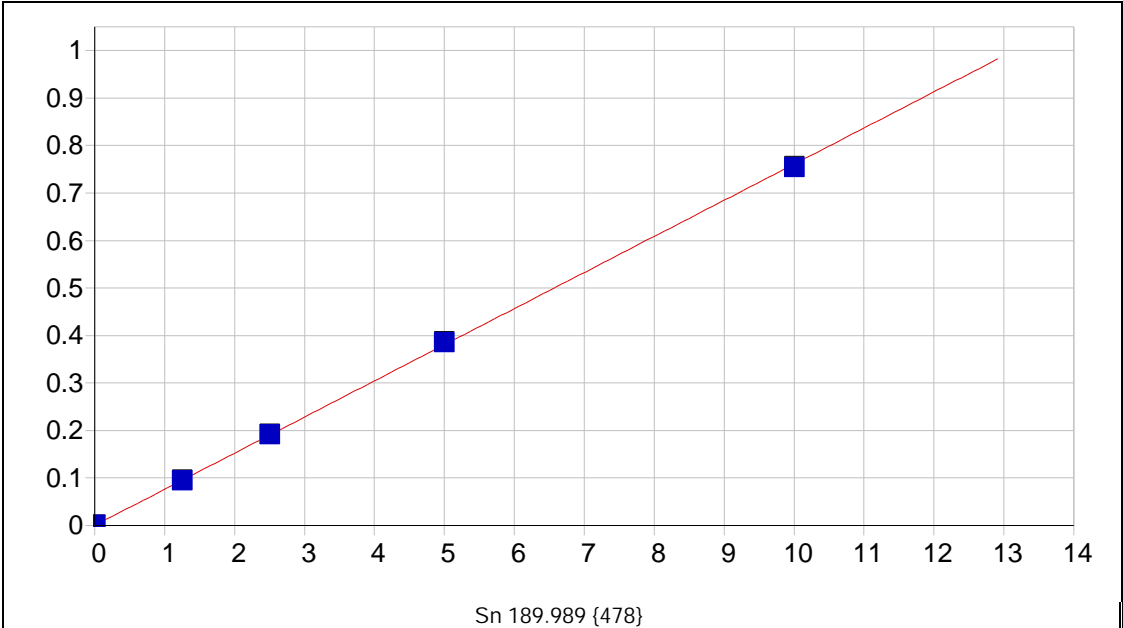
A0 (Offset): 0.000563 Re-Slope: 1.000000
 A1 (Gain): 0.022500 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.997927 Status: OK.
 Std Error of Est: 0.000081
 Predicted MDL: 0.004156
 Predicted MQL: 0.013855

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00003	.000	.000	.00056	.000	1
S1	.10000	.08979	-.010	-10.2	.00259	.000	1
S2	1.2500	1.1062	-.144	-11.5	.02688	.000	1
S3	2.5000	2.2411	-.259	-10.4	.05385	.000	1
S4	5.0000	4.8172	-.183	-3.66	.11467	.001	1
S5	10.000	10.595	.595	5.95	.25039	.000	1

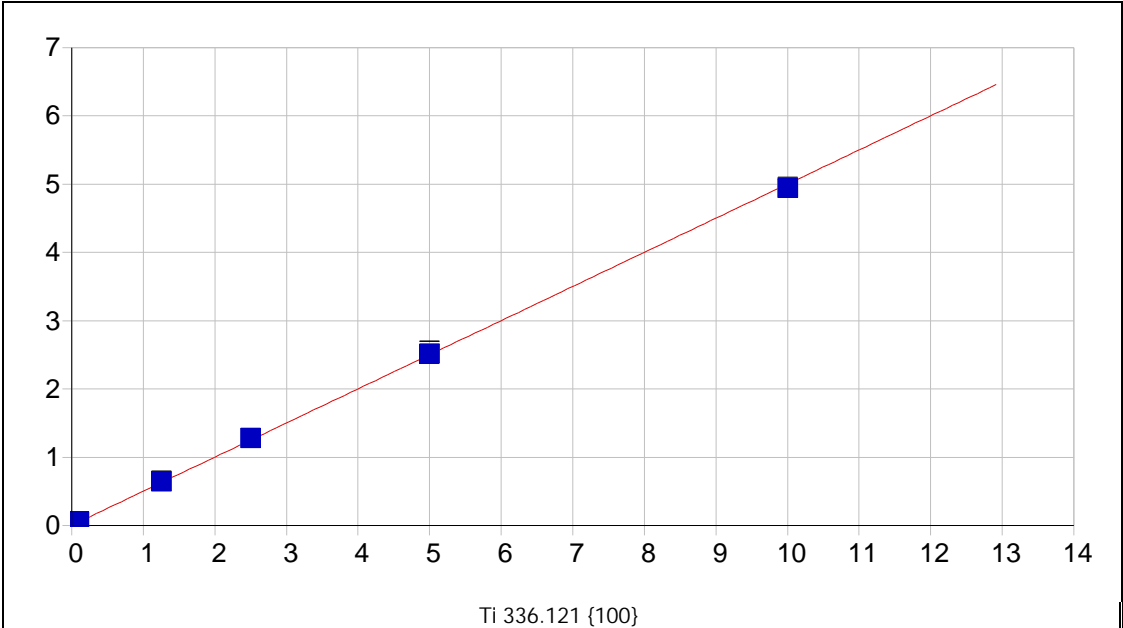


Date of Fit:	8/16/2017 11:30:15	Type of Fit:	Linear	Weighting:	1/Conc
A0 (Offset):	0.004806	Re-Slope:	1.000000		
A1 (Gain):	0.251180	Y-int:	0.000000		
A2 (Curvature):	0.000000				
n (Exponent):	1.000000				
Correlation:	0.999311	Status:	OK.		
Std Error of Est:	0.000501				
Predicted MDL:	0.000998				
Predicted MQL:	0.003328				

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00002	.000	.000	.00480	.000	1
S1	.10000	.11179	.012	11.8	.03298	.000	1
S2	1.2500	1.3606	.111	8.85	.35026	.002	1
S3	2.5000	2.6231	.123	4.92	.67106	.004	1
S4	5.0000	5.0517	.052	1.03	1.2885	.016	1
S5	10.000	9.7030	-.297	-2.97	2.4716	.008	1



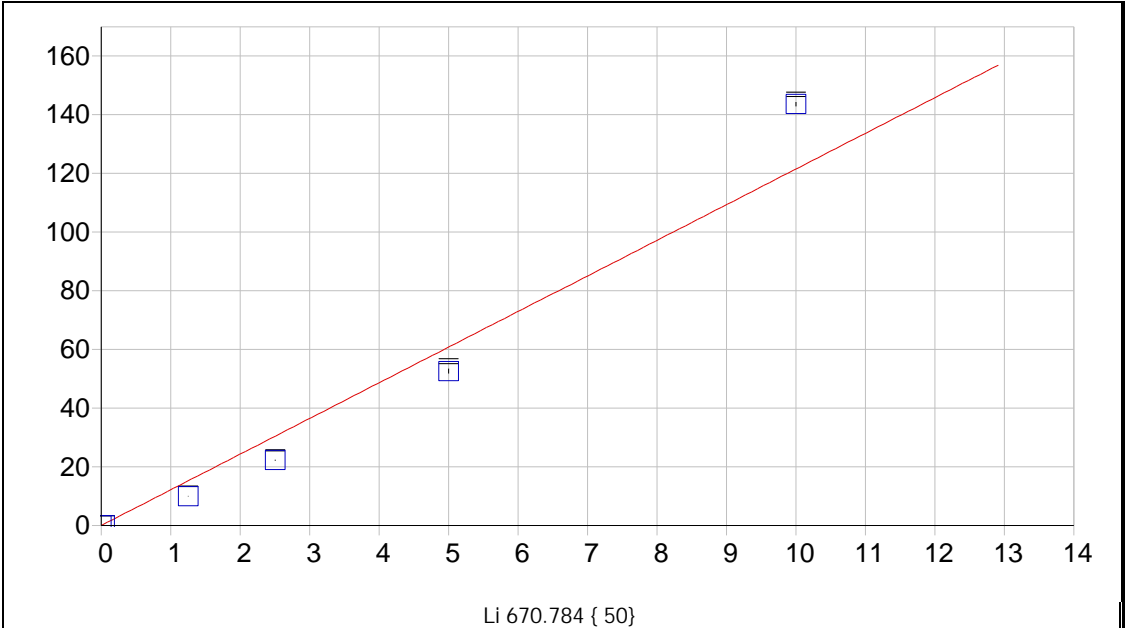
Date of Fit:	8/16/2017 11:30:15	Type of Fit:	Linear	Weighting:	1/Conc		
A0 (Offset):	0.000121	Re-Slope:	1.000000				
A1 (Gain):	0.076079	Y-int:	0.000000				
A2 (Curvature):	0.000000						
n (Exponent):	1.000000						
Correlation:	0.999953	Status:	OK.				
Std Error of Est:	0.000010						
Predicted MDL:	0.001214						
Predicted MQL:	0.004048						
Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	.00012	.000	1
S1	.00700	.00727	.000	3.81	.00067	.000	1
S2	1.2500	1.2488	-.001	-.093	.09506	.000	1
S3	2.5000	2.5238	.024	.952	.19198	.000	1
S4	5.0000	5.0623	.062	1.25	.38496	.002	1
S5	10.000	9.9148	-.085	-.852	.75383	.002	1



Date of Fit: 8/16/2017 11:30:15 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.001850 Re-Slope: 1.000000
 A1 (Gain): 0.500004 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999890 Status: OK.
 Std Error of Est: 0.000394
 Predicted MDL: 0.000599
 Predicted MQL: 0.001996

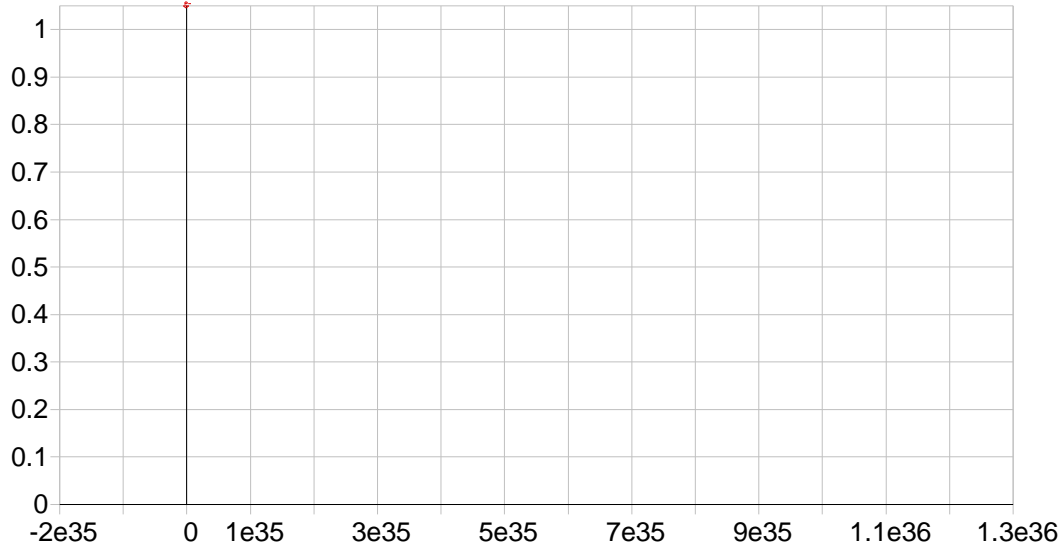
Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00001	.000	.000	.00185	.000	1
S1	.10000	.10634	.006	6.34	.05501	.001	1
S2	1.2500	1.2885	.038	3.08	.64588	.001	1
S3	2.5000	2.5478	.048	1.91	1.2753	.004	1
S4	5.0000	5.0288	.029	.577	2.5154	.038	1
S5	10.000	9.8786	-.121	-1.21	4.9395	.014	1



Date of Fit: 8/16/2017 11:30:15 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.006679 Re-Slope: 1.000000
 A1 (Gain): 12.155257 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.979793 Status: OK.
 Std Error of Est: 0.093123
 Predicted MDL: 0.000069
 Predicted MQL: 0.000231

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00007	.000	.000	.00755	.000	1
S5	10.000	11.813	1.81	18.1	143.60	.734	1
S4	5.0000	4.3290	-.671	-13.4	52.626	.798	1
S3	2.5000	1.8296	-.670	-26.8	22.245	.142	1
S2	1.2500	.82221	-.428	-34.2	10.001	.028	1
S1	.05000	.00622	-.044	-87.6	.08224	.001	1

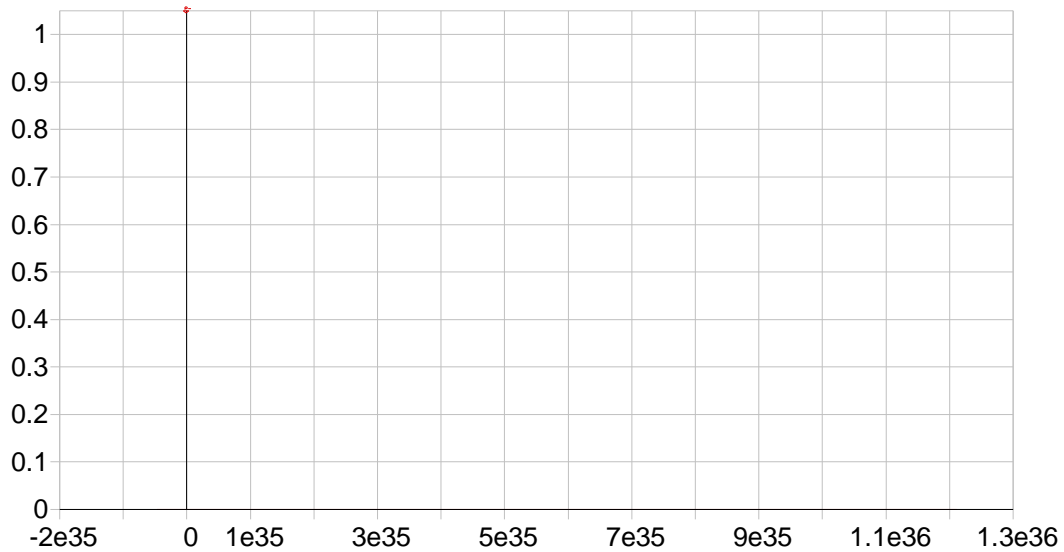


Y 224.306 {150}*

Date of Fit: <not fit> Type of Fit: Linear Weighting: 1/Conc

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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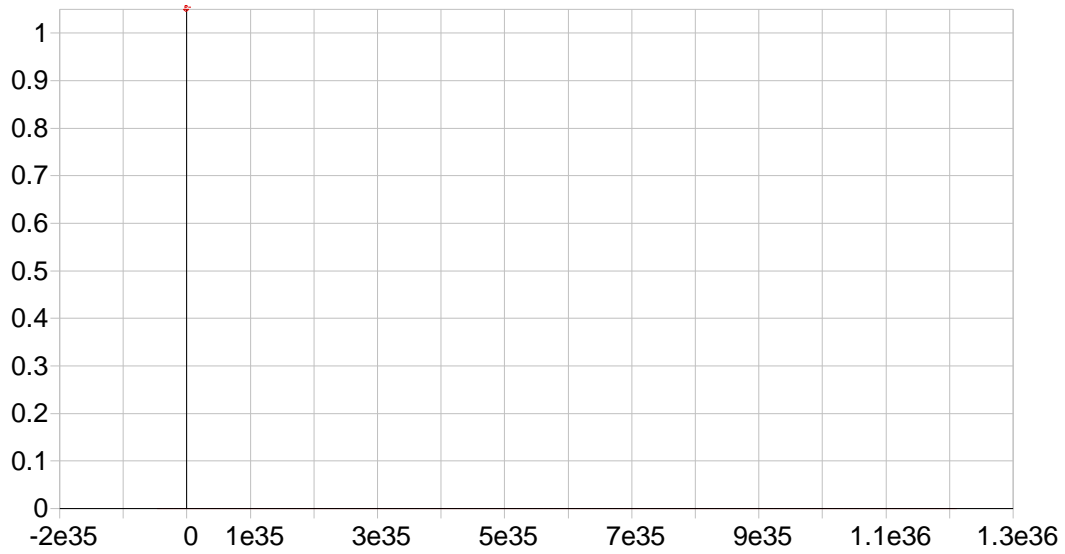
Y 224.306 {450}*

Date of Fit: <not fit> Type of Fit: Linear Weighting: 1/Conc

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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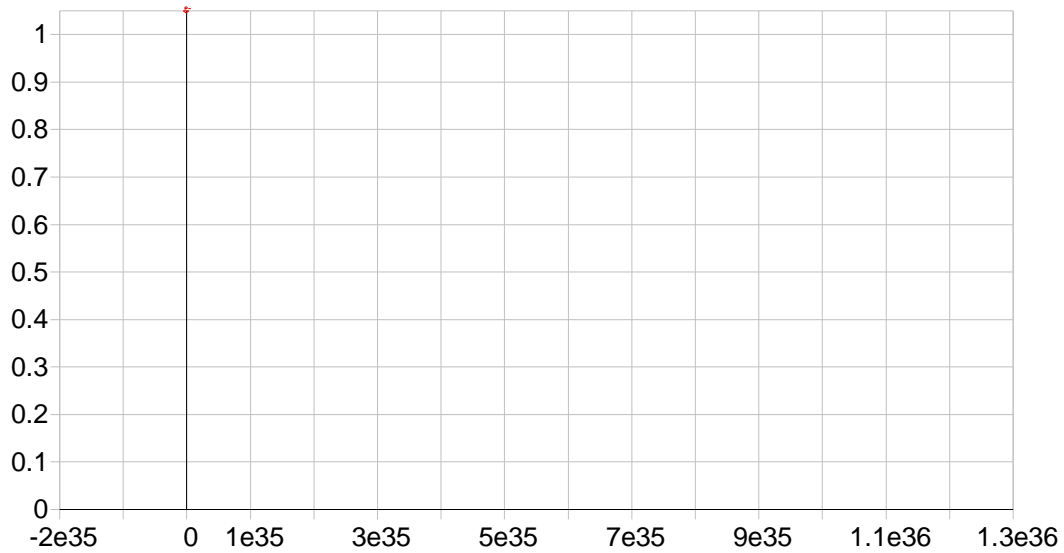


Y 360.073 { 94}*

Date of Fit: <not fit> Type of Fit: Linear Weighting: 1/Conc

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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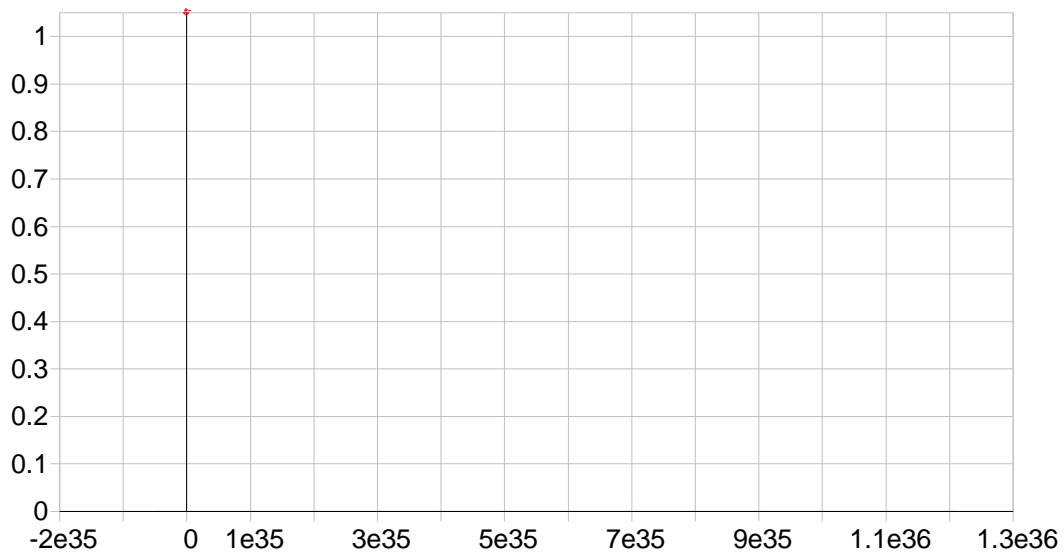


Y 371.030 { 91}*

Date of Fit: <not fit> Type of Fit: Linear Weighting: 1/Conc

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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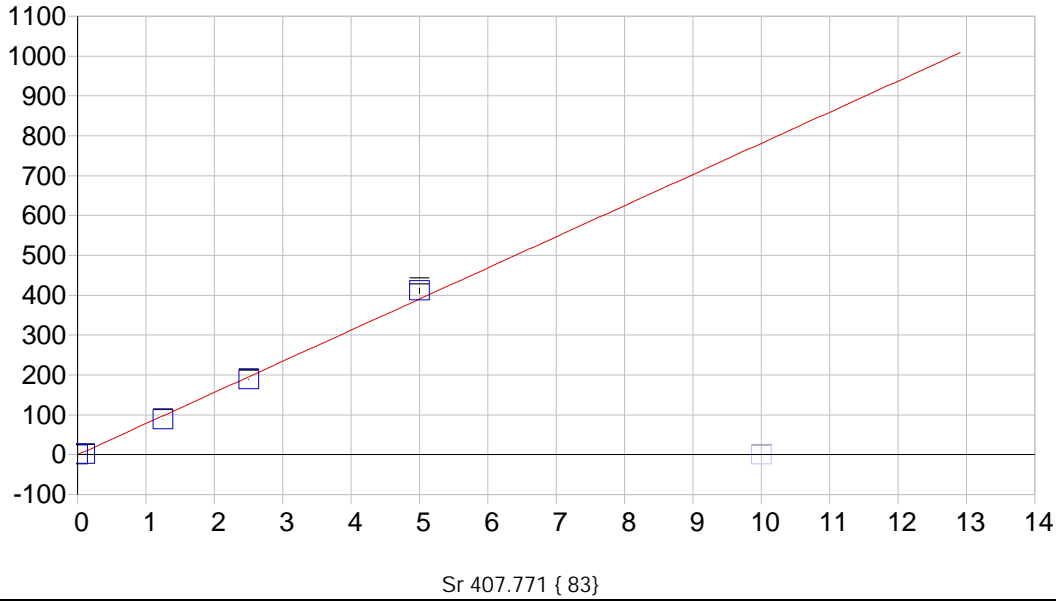
In 230.606 {446}*

Date of Fit: <not fit> Type of Fit: Linear Weighting: 1/Conc

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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Date of Fit: 8/16/2017 11:30:15 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.008502 Re-Slope: 1.000000
 A1 (Gain): 78.106725 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.994828 Status: OK.
 Std Error of Est: 0.306080
 Predicted MDL: 0.000006
 Predicted MQL: 0.000019

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00009	.000	.000	-.00167	.000	1
S1	.10000	.01908	-.081	-80.9	1.4817	.012	1
S2	1.2500	1.1383	-.112	-8.94	88.899	.454	1
S3	2.5000	2.4243	-.076	-3.03	189.34	1.52	1
S4	5.0000	5.2684	.268	5.37	411.49	7.50	1
S5	10.000	-----	-----	-----	.00000	-----	0

Sample Name: S0 Acquired: 8/16/2017 10:39:01 Type: Cal
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v124) 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	-.00023	-.00021	.00012	.00027	-.00023	.00021	-.07534	-.00117
Stddev	.00014	.00011	.00025	.00005	.00019	.00007	.00238	.00013
%RSD	60.046	52.328	202.69	18.360	84.015	33.584	3.1647	11.092

#1	-.00010	-.00034	-.00013	.00024	-.00029	.00026	-.07784	-.00119
#2	-.00037	-.00015	.00013	.00023	-.00039	.00013	-.07509	-.00130
#3	-.00021	-.00015	.00036	.00032	-.00001	.00024	-.07309	-.00104

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	.00004	.00163	.00015	-.00015	.00134	.00013	-.00003	-.00017
Stddev	.00016	.00041	.00007	.00004	.00013	.00008	.00016	.00006
%RSD	389.88	24.958	47.399	23.389	9.4838	66.070	521.29	33.325

#1	-.00014	.00193	.00019	-.00019	.00119	.00011	.00015	-.00023
#2	.00009	.00179	.00019	-.00012	.00140	.00022	-.00009	-.00015
#3	.00017	.00117	.00007	-.00015	.00143	.00006	-.00015	-.00012

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	-.00032	-.00016	-.00228	-.00011	-.00001	.03232	-.00088	.00191
Stddev	.00014	.00004	.00061	.00015	.00009	.00074	.00002	.00008
%RSD	42.102	23.923	26.861	139.48	1545.8	2.2793	2.3257	3.9698

#1	-.00043	-.00014	-.00297	-.00022	-.00002	.03159	-.00089	.00200
#2	-.00036	-.00013	-.00201	.00007	-.00009	.03306	-.00086	.00185
#3	-.00017	-.00020	-.00184	-.00018	.00009	.03231	-.00090	.00189

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	.00050	.00056	.00480	.00012	.00185	.00755	-.00167
Stddev	.00012	.00003	.00018	.00008	.00023	.00018	.00035
%RSD	23.140	6.0580	3.7247	62.146	12.693	2.4369	20.763

#1	.00060	.00056	.00482	.00014	.00159	.00761	-.00127
#2	.00053	.00053	.00497	.00018	.00188	.00735	-.00190
#3	.00037	.00060	.00461	.00004	.00206	.00770	-.00183

Sample Name: S0 Acquired: 8/16/2017 10:39:01 Type: Cal
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v124) 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	1367.5	2066.9	50328.	9258.5	3494.1
Stddev	5.9	2.7	13.	53.5	5.9
%RSD	.43475	.13202	.02576	.57750	.16982
#1	1362.3	2069.7	50320.	9197.0	3487.5
#2	1374.0	2066.8	50322.	9294.2	3495.6
#3	1366.1	2064.2	50343.	9284.3	3499.1

Sample Name: S1 Acquired: 8/16/2017 10:43:10 Type: Cal
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v124) 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	.00037	.00182	.00235	.00241	.01207	.01835	.69777	.01241
Stddev	.00011	.00014	.00011	.00011	.00030	.00030	.00396	.00040
%RSD	28.934	7.5074	4.7545	4.4801	2.5192	1.6104	.56801	3.2373

#1	.00048	.00167	.00232	.00253	.01177	.01804	.69652	.01244
#2	.00034	.00187	.00226	.00234	.01238	.01839	.69458	.01200
#3	.00028	.00193	.00248	.00235	.01207	.01863	.70221	.01280

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	.00762	.23084	.00147	.03461	.00856	.00249	.00739	.03891
Stddev	.00011	.00248	.00005	.00038	.00006	.00010	.00016	.00022
%RSD	1.3802	1.0748	3.5181	1.0878	.67348	4.1041	2.2249	.57182

#1	.00753	.22908	.00152	.03491	.00849	.00251	.00735	.03884
#2	.00774	.22977	.00145	.03473	.00858	.00237	.00725	.03872
#3	.00760	.23368	.00143	.03419	.00860	.00257	.00757	.03915

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	.02037	.00249	.03805	.00579	.01593	.18028	-.00024	.00479
Stddev	.00020	.00010	.00049	.00004	.00085	.00127	.00006	.00017
%RSD	.96682	3.9663	1.2893	.72224	5.3577	.70717	26.317	3.4762

#1	.02027	.00243	.03788	.00575	.01542	.18053	-.00027	.00469
#2	.02025	.00260	.03767	.00578	.01692	.17890	-.00016	.00470
#3	.02060	.00243	.03861	.00583	.01546	.18141	-.00027	.00498

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	.00822	.00259	.03298	.00067	.05501	.08224	1.4817
Stddev	.00017	.00012	.00030	.00001	.00051	.00149	.0125
%RSD	2.0639	4.6127	.91426	1.4302	.93269	1.8092	.84243

#1	.00833	.00255	.03277	.00066	.05534	.08298	1.4830
#2	.00802	.00250	.03284	.00067	.05442	.08053	1.4686
#3	.00830	.00272	.03332	.00067	.05526	.08321	1.4935

Sample Name: S1 Acquired: 8/16/2017 10:43:10 Type: Cal
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v124) 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	1317.8	1999.5	49435.	9345.7	3346.4
Stddev	34.7	14.4	1205.	80.2	21.8
%RSD	2.6362	.71952	2.4377	.85825	.65137
#1	1293.8	1983.0	48639.	9363.7	3321.3
#2	1302.0	2006.4	48844.	9415.3	3357.8
#3	1357.7	2009.1	50822.	9258.0	3360.2

Sample Name: S2 Acquired: 8/16/2017 10:47:19 Type: Cal
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v124) 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	.06456	.09328	1.1475	.07273	.24494	3.3193	10.791	.29364
Stddev	.00048	.00054	.0019	.00040	.00025	.0047	.012	.00097
%RSD	.73851	.57660	.17021	.54644	.10155	.14218	.11356	.33058

#1	.06485	.09389	1.1497	.07293	.24482	3.3185	10.792	.29332
#2	.06483	.09290	1.1463	.07298	.24523	3.3150	10.802	.29287
#3	.06401	.09303	1.1464	.07227	.24477	3.3244	10.778	.29473

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	.88154	2.7946	.45900	.45247	.94755	.79270	1.6899	.47684
Stddev	.00388	.0053	.00054	.00066	.00014	.00292	.0052	.00205
%RSD	.44008	.18833	.11675	.14638	.01455	.36822	.30616	.42989

#1	.88595	2.7904	.45855	.45302	.94768	.79260	1.6891	.47855
#2	.87998	2.7930	.45886	.45174	.94741	.78984	1.6853	.47456
#3	.87868	2.8005	.45959	.45265	.94756	.79567	1.6955	.47740

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	.32522	.07676	.29060	.06866	1.0584	1.1043	.28522	.35127
Stddev	.00023	.00021	.00113	.00062	.0046	.0014	.00067	.00241
%RSD	.07220	.27974	.38960	.90484	.43609	.12393	.23471	.68600

#1	.32499	.07659	.29185	.06855	1.0557	1.1043	.28587	.35089
#2	.32546	.07668	.28965	.06811	1.0637	1.1029	.28525	.34907
#3	.32523	.07700	.29031	.06933	1.0557	1.1056	.28453	.35385

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	.84823	.02688	.35026	.09506	.64588	10.001	88.899
Stddev	.00141	.00018	.00239	.00038	.00149	.028	.454
%RSD	.16608	.65250	.68318	.39703	.23087	.27576	.51073

#1	.84961	.02708	.35064	.09529	.64586	10.032	88.710
#2	.84830	.02675	.34770	.09462	.64440	9.9881	88.570
#3	.84679	.02682	.35244	.09526	.64738	9.9819	89.417

Sample Name: S2 Acquired: 8/16/2017 10:47:19 Type: Cal
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v124) 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	1227.8	1875.7	45995.	9260.4	2855.7
Stddev	2.0	3.2	104.	43.4	1.0
%RSD	.16057	.17142	.22559	.46844	.03448
#1	1228.0	1878.9	46114.	9261.6	2855.3
#2	1225.7	1872.5	45942.	9303.2	2856.8
#3	1229.6	1875.6	45928.	9216.4	2854.9

Sample Name: S3 Acquired: 8/16/2017 10:51:28 Type: Cal
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v124) 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	.13055	.18192	2.2926	.14466	.49261	6.7274	21.298	.57408
Stddev	.00055	.00066	.0039	.00075	.00121	.0231	.124	.00311
%RSD	.41783	.36124	.17095	.52102	.24660	.34298	.58130	.54213

#1	.13118	.18238	2.2935	.14553	.49352	6.7356	21.427	.57385
#2	.13026	.18221	2.2961	.14425	.49307	6.7013	21.179	.57109
#3	.13021	.18116	2.2884	.14420	.49123	6.7452	21.288	.57730

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	1.7669	5.5715	.89233	.90354	1.8872	1.5458	3.2891	.95601
Stddev	.0038	.0478	.00508	.00138	.0077	.0061	.0228	.00331
%RSD	.21466	.85800	.56924	.15287	.40692	.39206	.69382	.34607

#1	1.7668	5.5369	.89810	.90447	1.8926	1.5416	3.2764	.95325
#2	1.7707	5.5515	.88855	.90421	1.8784	1.5432	3.2755	.95510
#3	1.7632	5.6260	.89033	.90195	1.8905	1.5528	3.3155	.95968

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	.64369	.15558	.58587	.13300	2.1818	2.1890	.64824	.68446
Stddev	.00273	.00100	.00358	.00068	.0134	.0042	.00262	.00430
%RSD	.42370	.64061	.61127	.51270	.61608	.18971	.40440	.62838

#1	.64332	.15670	.58720	.13258	2.1926	2.1937	.64858	.68234
#2	.64659	.15480	.58182	.13264	2.1860	2.1859	.65067	.68163
#3	.64118	.15523	.58860	.13379	2.1667	2.1874	.64546	.68941

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	1.6671	.05385	.67106	.19198	1.2753	22.245	189.34
Stddev	.0020	.00011	.00365	.00031	.0037	.142	1.52
%RSD	.11764	.20851	.54394	.16263	.29413	.63791	.80179

#1	1.6668	.05392	.66959	.19202	1.2760	22.401	188.27
#2	1.6692	.05391	.66838	.19227	1.2713	22.123	188.68
#3	1.6654	.05372	.67522	.19165	1.2787	22.213	191.08

Sample Name: S3 Acquired: 8/16/2017 10:51:28 Type: Cal
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v124) 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	1157.3	1780.9	44028.	9061.3	2615.2
Stddev	14.1	4.4	326.	16.2	5.3
%RSD	1.2175	.24584	.74034	.17920	.20277
#1	1143.0	1775.8	43662.	9058.5	2609.8
#2	1157.6	1783.5	44131.	9078.8	2615.5
#3	1171.2	1783.3	44289.	9046.7	2620.3

Sample Name: S4 Acquired: 8/16/2017 10:55:30 Type: Cal
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v124) 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	.26730	.34840	4.5795	.29139	1.0070	13.796	40.907	1.1353
Stddev	.00127	.00241	.0257	.00176	.0056	.198	.466	.0161
%RSD	.47603	.69057	.56037	.60481	.55389	1.4366	1.1388	1.4181

#1	.26873	.35111	4.6069	.29341	1.0124	13.571	40.640	1.1169
#2	.26630	.34651	4.5561	.29021	1.0073	13.875	40.637	1.1418
#3	.26686	.34758	4.5755	.29053	1.0013	13.943	41.445	1.1471

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	3.5419	11.152	1.7177	1.8279	3.7790	3.0157	6.4696	1.9304
Stddev	.0300	.191	.0132	.0137	.0419	.0515	.1116	.0325
%RSD	.84547	1.7093	.76859	.75048	1.1086	1.7076	1.7254	1.6832

#1	3.5711	10.959	1.7250	1.8410	3.7307	2.9632	6.3535	1.8966
#2	3.5112	11.156	1.7255	1.8137	3.8006	3.0179	6.4789	1.9331
#3	3.5434	11.340	1.7024	1.8291	3.8056	3.0661	6.5762	1.9614

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	1.2670	.32884	1.1878	.25996	4.4858	4.3980	1.5756	1.3232
Stddev	.0097	.00234	.0173	.00339	.0129	.0548	.0120	.0193
%RSD	.76807	.71110	1.4577	1.3059	.28807	1.2470	.76166	1.4601

#1	1.2779	.32973	1.1679	.25617	4.4886	4.3356	1.5889	1.3043
#2	1.2592	.33060	1.1965	.26100	4.4717	4.4204	1.5655	1.3224
#3	1.2638	.32619	1.1991	.26272	4.4971	4.4382	1.5725	1.3429

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	3.2813	.11467	1.2885	.38496	2.5154	52.626	411.49
Stddev	.0154	.00060	.0160	.00196	.0377	.798	7.50
%RSD	.47021	.52508	1.2434	.51039	1.4994	1.5159	1.8224

#1	3.2965	.11532	1.2730	.38670	2.4732	52.040	403.91
#2	3.2656	.11413	1.2875	.38283	2.5274	52.304	411.65
#3	3.2816	.11456	1.3050	.38536	2.5457	53.535	418.90

Sample Name: S4 Acquired: 8/16/2017 10:55:30 Type: Cal
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v124) 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	1074.5	1653.0	41495.	8850.8	2342.7
Stddev	3.6	5.1	233.	106.4	11.5
%RSD	.33275	.31026	.56263	1.2025	.49266
#1	1071.8	1647.1	41321.	8954.6	2329.4
#2	1078.6	1655.3	41405.	8856.0	2350.6
#3	1073.2	1656.6	41761.	8741.9	2348.0

Sample Name: S5 Acquired: 8/16/2017 11:00:49 Type: Cal
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v124) 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	.54931	.66337	9.0901	.58710	2.0914	28.456	81.747	2.2228
Stddev	.00154	.00218	.0101	.00073	.0029	.117	.736	.0054
%RSD	.28033	.32868	.11058	.12364	.13631	.41153	.90028	.24450

#1	.55091	.66146	9.0897	.58732	2.0908	28.400	80.991	2.2279
#2	.54917	.66290	9.1003	.58629	2.0945	28.377	81.789	2.2171
#3	.54784	.66574	9.0803	.58769	2.0889	28.590	82.461	2.2235

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	6.9088	22.170	3.2172	3.6121	7.7086	5.8846	12.633	3.8413
Stddev	.0144	.086	.0040	.0035	.0361	.0185	.039	.0144
%RSD	.20841	.38645	.12562	.09718	.46775	.31399	.30835	.37525

#1	6.9137	22.082	3.2212	3.6147	7.6865	5.8709	12.601	3.8327
#2	6.9201	22.177	3.2173	3.6135	7.6890	5.8774	12.620	3.8333
#3	6.8926	22.253	3.2131	3.6081	7.7502	5.9056	12.676	3.8580

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	2.4605	.69530	2.4234	.50860	9.3315	8.9789	4.1752	2.4874
Stddev	.0019	.00215	.0074	.00200	.0893	.0389	.0155	.0063
%RSD	.07923	.30925	.30548	.39403	.95670	.43280	.37211	.25255

#1	2.4608	.69416	2.4169	.50641	9.2284	8.9647	4.1575	2.4944
#2	2.4623	.69778	2.4220	.50906	9.3827	8.9492	4.1867	2.4822
#3	2.4584	.69396	2.4315	.51034	9.3835	9.0229	4.1815	2.4855

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	6.3408	.25039	2.4716	.75383	4.9395	143.60	^ *****
Stddev	.0099	.00036	.0079	.00217	.0136	.73	-----
%RSD	.15572	.14462	.31790	.28757	.27436	.51105	-----

#1	6.3399	.25008	2.4791	.75465	4.9320	142.78	^ -----
#2	6.3512	.25079	2.4634	.75546	4.9313	144.21	^ -----
#3	6.3315	.25031	2.4722	.75137	4.9551	143.80	^ -----

Sample Name: S5 Acquired: 8/16/2017 11:00:49 Type: Cal
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v124) 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	939.07	1472.1	38533.	8407.7	2003.3
Stddev	5.35	1.4	97.	16.9	1.8
%RSD	.56940	.09848	.25133	.20044	.09170
#1	944.36	1470.4	38616.	8396.6	2001.2
#2	933.67	1472.8	38426.	8427.1	2004.4
#3	939.19	1473.1	38556.	8399.3	2004.3

Sample Name: S6 Acquired: 8/16/2017 11:04:59 Type: Cal
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v124) 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	72.589	35.660	15.336	6.0359	6.5055
Stddev	.223	.195	.075	.0284	.0148
%RSD	.30689	.54758	.48911	.47040	.22784

#1	72.444	35.751	15.392	6.0582	6.5205
#2	72.846	35.436	15.251	6.0039	6.5051
#3	72.477	35.794	15.364	6.0455	6.4908

Int. Std.	Y_3710
Units	Cts/S
Avg	8305.8
Stddev	44.9
%RSD	.54022

#1	8266.2
#2	8354.6
#3	8296.7

Sample Name: ICV Acquired: 8/16/2017 11:09:30 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v124) Mode: CONC Corr. Factor: 1.000000
 User: JASWAL Custom ID1: ICV Custom ID2: Custom ID3:
 Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.9441002	1.079908	.9594805	.9826254	.9407484	2.347006
Stddev	.0027674	.006168	.0045487	.0087743	.0039795	.014148
%RSD	.2931272	.5711969	.4740798	.8929423	.4230157	.6028099

#1	.9442179	1.073012	.9590012	.9747792	.9425945	2.330678
#2	.9468070	1.084901	.9642498	.9920997	.9434697	2.355628
#3	.9412759	1.081811	.9551904	.9809973	.9361812	2.354711

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.4977134	.4995369	.4572509	10.26035	.5297510	.4635637
Stddev	.0006331	.0004342	.0008313	.01873	.0031976	.0014825
%RSD	.1272084	.0869122	.1818102	.1825350	.6036078	.3197977

#1	.4972767	.4998940	.4573566	10.24298	.5304375	.4639711
#2	.4984395	.4990537	.4580244	10.28019	.5262659	.4647998
#3	.4974239	.4996631	.4563718	10.25788	.5325496	.4619201

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.4994241	5.511297	.5385747	5.972937	.4682167	.4671970
Stddev	.0011764	.035425	.0012853	.034668	.0021073	.0006416
%RSD	.2355586	.6427665	.2386411	.5804168	.4500676	.1373309

#1	.5007468	5.477584	.5371133	5.933032	.4699394	.4666221
#2	.4990308	5.548215	.5395293	5.990139	.4688435	.4670797
#3	.4984947	5.508090	.5390816	5.995640	.4658671	.4678892

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	9.833707	.5312169	.9758541	9.224549	F -.004256	F .0356182
Stddev	.084402	.0041003	.0073002	.040857	.000229	.0005350
%RSD	.8582884	.7718763	.7480863	.4429108	5.376112	1.502053

#1	9.755390	.5272761	.9691918	9.196663	-.003992	.0358880
#2	9.923099	.5354600	.9836578	9.271447	-.004377	.0350020
#3	9.822631	.5309145	.9747128	9.205538	-.004398	.0359645

Sample Name: ICV Acquired: 8/16/2017 11:09:30 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v124) Mode: CONC Corr. Factor: 1.000000
 User: JASWAL Custom ID1: ICV Custom ID2: Custom ID3:
 Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F .0424963	-.009547	.0400426	F .0361821	.0426340	.0005786
Stddev	.0003085	.003887	.0002559	.0015077	.0005404	.0000248
%RSD	.7258617	40.70828	.6390165	4.167060	1.267616	4.281970

#1	.0426319	-.005085	.0401285	.0354340	.0431314	.0005525
#2	.0421433	-.011368	.0402445	.0379176	.0427116	.0005817
#3	.0427138	-.012189	.0397548	.0351947	.0420589	.0006017

Elem	Sr4077
Units	ppm
Avg	.0021132
Stddev	.0000062
%RSD	.2919564

#1	.0021138
#2	.0021191
#3	.0021068

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1245.927	1933.083	47192.68	9259.915	3258.020
Stddev	11.259	8.122	219.13	23.989	15.287
%RSD	.9036359	.4201834	.4643389	.2590678	.4692165

#1	1251.727	1926.570	47150.60	9262.635	3249.945
#2	1232.950	1930.496	46997.63	9234.682	3248.464
#3	1253.103	1942.184	47429.80	9282.429	3275.652

Sample Name: ICB Acquired: 8/16/2017 11:32:07 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v124) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: ICB Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.001175	-.001455	-.000201	-.000564	-.000472	.0016468	-.003829
Stddev	.001461	.000210	.001179	.000654	.000532	.0052320	.000420
%RSD	124.3322	14.41799	586.9676	115.9685	112.6995	317.7169	10.96928

#1	-.000082	-.001221	-.000606	-.001304	-.000439	-.002223	-.004292
#2	-.000609	-.001517	.001128	-.000062	.000043	.007599	-.003725
#3	-.002835	-.001627	-.001125	-.000326	-.001019	-.000436	-.003472

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000046	-.000035	.0066090	-.000358	.0000494	.0005842	-.004679
Stddev	.000016	.000021	.0070533	.000453	.0001135	.0006016	.001865
%RSD	34.33885	59.26469	106.7224	126.6293	229.5829	102.9856	39.84895

#1	-.000037	-.000017	-.000585	.000139	.0000233	-.000093	-.006019
#2	-.000064	-.000030	.006900	-.000463	-.000049	.000789	-.005469
#3	-.000036	-.000057	.013512	-.000749	.000174	.001056	-.002550

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0002101	.0096981	.0006065	.0003468	-.016397	.0000152	-.001537
Stddev	.0002724	.0051250	.0001436	.0001048	.107598	.0012654	.000580
%RSD	129.6736	52.84591	23.68128	30.20718	656.2087	8355.315	37.71739

#1	.0002937	.0089712	.0005350	.0004533	.099971	.0002887	-.001280
#2	.0004309	.0151478	.0005126	.0002439	-.112280	-.001365	-.001130
#3	-.000094	.0049753	.0007718	.0003433	-.036882	.001121	-.002200

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.034091	.0000064	-.001734	-.000527	.0029265	-.002466	-.000309
Stddev	.006548	.0001395	.000517	.000224	.0017097	.000177	.001333
%RSD	19.20857	2190.312	29.82685	42.42588	58.42227	7.168229	431.1773

#1	-.027472	.0001552	-.001232	-.000296	.0048234	-.002430	-.001703
#2	-.034235	-.000121	-.001705	-.000742	.0015044	-.002309	.000954
#3	-.040566	-.000015	-.002266	-.000543	.0024515	-.002657	-.000178

Sample Name: ICB Acquired: 8/16/2017 11:32:07 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v124) Mode: CONC Corr. Factor: 1.000000
 User: JASWAL Custom ID1: ICB Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.0002389	.0002751	.0000868
Stddev	.0003961	.0000455	.0000036
%RSD	165.7715	16.54932	4.147215

#1	-.000108	.0002275	.0000890
#2	.000670	.0002796	.0000826
#3	.000154	.0003182	.0000887

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1225.861	1919.374	46497.73	8866.998	3383.140
Stddev	5.154	18.560	25.16	42.301	37.767
%RSD	.4204660	.9669582	.0541049	.4770621	1.116329

#1	1221.310	1910.232	46470.71	8832.762	3378.562
#2	1224.815	1940.731	46502.01	8853.944	3422.987
#3	1231.458	1907.159	46520.48	8914.287	3347.870

Sample Name: ICSA Acquired: 8/16/2017 11:36:17 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v124) Mode: CONC Corr. Factor: 1.000000
 User: JASWAL Custom ID1: ICSA Custom ID2: Custom ID3:
 Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.002797	-.011198	-.002258	-.018064	.0006648	236.5078
Stddev	.001198	.003369	.001415	.005204	.0012096	.4973
%RSD	42.81973	30.08486	62.66862	28.81148	181.9398	.2102852

#1	-.002879	-.010139	-.003822	-.015631	-.000307	236.6617
#2	-.003952	-.008485	-.001882	-.024039	.002020	236.9101
#3	-.001560	-.014969	-.001068	-.014521	.000282	235.9517

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0008051	.0012278	.0050739	253.6129	.0480080	.0022332
Stddev	.0000722	.0001133	.0000896	.6559	.0005531	.0002821
%RSD	8.970401	9.225073	1.766685	.2586138	1.152063	12.63332

#1	.0008884	.0011967	.0051337	254.3166	.0474327	.0025517
#2	.0007605	.0011334	.0051172	253.0186	.0485358	.0020148
#3	.0007664	.0013534	.0049709	253.5035	.0480553	.0021330

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0220032	103.8674	.0151959	261.1650	-.000229	.0009922
Stddev	.0004393	.1026	.0003036	.1265	.000470	.0002417
%RSD	1.996642	.0988204	1.997670	.0484352	205.1571	24.35719

#1	.0224593	103.9765	.0154919	261.3098	-.000110	.0009429
#2	.0215829	103.7728	.0152106	261.0765	-.000748	.0012546
#3	.0219673	103.8528	.0148852	261.1085	.000170	.0007789

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.4138192	.0003548	.0011035	-.217199	-.016278	F -.284460
Stddev	.0625418	.0021053	.0031524	.004570	.000257	.001742
%RSD	15.11333	593.4048	285.6684	2.104260	1.581789	.6125324

#1	.4812415	.0025426	-.001124	-.212352	-.016057	-.286472
#2	.4025167	-.001657	-.000276	-.221431	-.016216	-.283466
#3	.3576992	.000179	.004711	-.217812	-.016560	-.283442

Sample Name: ICSA Acquired: 8/16/2017 11:36:17 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v124) Mode: CONC Corr. Factor: 1.000000
 User: JASWAL Custom ID1: ICSA Custom ID2: Custom ID3:
 Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000583	.0167729	-.007193	-.002901	-.000269	.0010691
Stddev	.000336	.0027132	.000902	.003042	.000460	.0000367
%RSD	57.62728	16.17617	12.53437	104.8678	171.2171	3.437447
#1	-.000224	.0197361	-.006674	.000183	-.000616	.0010325
#2	-.000889	.0144102	-.008234	-.005899	-.000444	.0011060
#3	-.000636	.0161725	-.006671	-.002986	.000253	.0010690

Elem	Sr4077
Units	ppm
Avg	.0168146
Stddev	.0000614
%RSD	.3653669
#1	.0168483
#2	.0168518
#3	.0167437

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1114.497	1742.616	41611.85	8731.429	2584.917
Stddev	4.508	8.247	83.96	35.776	13.004
%RSD	.4044547	.4732667	.2017605	.4097410	.5030881
#1	1109.910	1734.112	41536.28	8694.872	2575.236
#2	1114.661	1750.580	41597.05	8733.046	2599.699
#3	1118.921	1743.158	41702.22	8766.369	2579.817

Sample Name: ICSAB Acquired: 8/16/2017 11:40:22 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v124) Mode: CONC Corr. Factor: 1.000000
 User: JASWAL Custom ID1: ICSAB Custom ID2: Custom ID3:
 Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0928999	.0999902	.0449906	.0322655	.5567065	240.2610
Stddev	.0002869	.0031154	.0029981	.0080548	.0035295	.3432
%RSD	.3088062	3.115709	6.663836	24.96417	.6339957	.1428450

#1	.0930792	.0970550	.0431055	.0246712	.5594074	240.1709
#2	.0925690	.1032589	.0484478	.0314123	.5579992	239.9719
#3	.0930514	.0996566	.0434185	.0407129	.5527129	240.6403

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.4807880	.5033817	.9530317	257.3953	.5539152	.4831295
Stddev	.0015122	.0023099	.0030437	1.0746	.0022016	.0030120
%RSD	.3145320	.4588659	.3193723	.4174750	.3974554	.6234377

#1	.4794368	.5029608	.9527371	256.2196	.5536218	.4823403
#2	.4805056	.5013112	.9562120	257.6398	.5518751	.4864576
#3	.4824215	.5058730	.9501460	258.3265	.5562488	.4805907

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.5104256	105.3160	.5460800	265.8141	.9242936	.2000159
Stddev	.0012724	.2877	.0017967	.4219	.0040494	.0007144
%RSD	.2492865	.2731554	.3290155	.1587092	.4381117	.3571912

#1	.5104977	105.1070	.5440806	265.3795	.9237688	.2008277
#2	.5091187	105.1970	.5475592	265.8408	.9285799	.1997373
#3	.5116604	105.6441	.5466002	266.2220	.9205322	.1994827

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.3242633	.5068213	.9990103	-.323157	-.020849	F -.287131
Stddev	.0327243	.0041707	.0139560	.028684	.000408	.001335
%RSD	10.09188	.8229194	1.396985	8.876284	1.958845	.4649753

#1	.3580764	.5091163	.9866299	-.341769	-.021133	-.285732
#2	.3219644	.5020071	1.014134	-.290123	-.021034	-.288391
#3	.2927491	.5093405	.996266	-.337577	-.020381	-.287270

Sample Name: ICSAB Acquired: 8/16/2017 11:40:22 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v124) Mode: CONC Corr. Factor: 1.000000
 User: JASWAL Custom ID1: ICSAB Custom ID2: Custom ID3:
 Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.001441	.0013027	-.006800	-.001583	.0007195	.0010391
Stddev	.000641	.0034677	.000541	.000974	.0004204	.0000693
%RSD	44.46976	266.1852	7.951170	61.48924	58.42739	6.672497
#1	-.000761	.0036479	-.006815	-.000651	.0012044	.0010629
#2	-.002035	.0029409	-.007333	-.001506	.0004573	.0009610
#3	-.001528	-.002681	-.006252	-.002594	.0004969	.0010935

Elem	Sr4077
Units	ppm
Avg	.0170655
Stddev	.0000699
%RSD	.4097245
#1	.0171463
#2	.0170249
#3	.0170254

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1113.116	1723.303	41638.65	8678.198	2568.226
Stddev	7.949	11.258	198.31	9.319	14.553
%RSD	.7141339	.6532880	.4762590	.1073810	.5666476
#1	1110.391	1715.886	41512.02	8672.817	2565.113
#2	1106.888	1717.765	41536.75	8672.819	2555.481
#3	1122.069	1736.257	41867.20	8688.958	2584.083

Sample Name: CCV019 Acquired: 8/16/2017 11:44:21 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v124) Mode: CONC Corr. Factor: 1.000000
 User: JASWAL Custom ID1: CCV019 Custom ID2: Custom ID3:
 Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.837980	4.662212	23.83732	4.767504	4.774165	398.0822
Stddev	.059991	.044277	.23826	.036140	.052492	1.8355
%RSD	1.239998	.9496928	.9995447	.7580389	1.099493	.4610929

#1	4.876062	4.689931	23.98567	4.782239	4.804517	396.0231
#2	4.869052	4.685558	23.96381	4.793947	4.804425	399.5467
#3	4.768827	4.611149	23.56249	4.726324	4.713553	398.6770

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	9.637088	.5038522	2.451850	409.6465	14.92805	2.467786
Stddev	.087109	.0001698	.022872	1.2163	.03754	.025603
%RSD	.9038934	.0336914	.9328665	.2969134	.2514664	1.037502

#1	9.628920	.5040400	2.466905	409.9920	14.95329	2.481958
#2	9.727993	.5037099	2.463115	410.6526	14.88491	2.483169
#3	9.554350	.5038066	2.425530	408.2948	14.94596	2.438230

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	14.88674	409.9633	15.03319	412.9822	2.337303	1.324218
Stddev	.00521	1.0636	.05139	1.2097	.022405	.002699
%RSD	.0349803	.2594467	.3418539	.2929120	.9585915	.2038235

#1	14.88201	410.3517	15.07953	413.7533	2.351806	1.327303
#2	14.88590	410.7782	15.04212	413.6053	2.348605	1.322292
#3	14.89232	408.7601	14.97792	411.5880	2.311498	1.323060

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	403.3636	2.429105	15.59680	149.3031	F 6.085793	F 4.210762
Stddev	.6086	.007172	.07720	.1279	.067579	.008178
%RSD	.1508753	.2952381	.4949641	.0856916	1.110438	.1942241

#1	404.0504	2.434823	15.57348	149.4508	6.124604	4.212260
#2	402.8915	2.431435	15.68297	149.2320	6.125015	4.201938
#3	403.1488	2.421059	15.53395	149.2265	6.007760	4.218088

Sample Name: CCV019 Acquired: 8/16/2017 11:44:21 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v124) Mode: CONC Corr. Factor: 1.000000
 User: JASWAL Custom ID1: CCV019 Custom ID2: Custom ID3:
 Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.781284	5.084593	4.865504	4.809789	4.922760	5.968512
Stddev	.043012	.030344	.008061	.047958	.012609	.073696
%RSD	.8995880	.5967904	.1656788	.9970840	.2561449	1.234752

#1	4.808450	5.107215	4.874381	4.831441	4.937186	5.992544
#2	4.803709	5.096453	4.858640	4.843104	4.913838	6.027193
#3	4.731694	5.050109	4.863492	4.754824	4.917256	5.885800

Elem	Sr4077
Units	ppm
Avg	6.970760
Stddev	.009933
%RSD	.1424893

#1	6.975786
#2	6.977177
#3	6.959319

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	993.3633	1545.872	38799.45	8411.215	2110.309
Stddev	4.8689	12.890	94.15	14.307	17.420
%RSD	.4901467	.8338529	.2426594	.1700936	.8254477

#1	991.6368	1537.719	38728.75	8398.295	2099.694
#2	989.5929	1539.164	38763.27	8408.758	2100.821
#3	998.8602	1560.733	38906.32	8426.591	2130.413

Sample Name: CCB019 Acquired: 8/16/2017 11:48:43 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v124) Mode: CONC Corr. Factor: 1.000000
 User: JASWAL Custom ID1: CCB019 Custom ID2: Custom ID3:
 Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.001495	.0017278	-.000760	.0016967	.0009655	.0057535	-.004161
Stddev	.002890	.0004775	.001261	.0008235	.0004525	.0018468	.000061
%RSD	193.3462	27.63384	166.0348	48.53342	46.86753	32.09948	1.463458

#1	.000445	.0021235	.000681	.0008326	.0013515	.0042678	-.004136
#2	-.000113	.0018625	-.001665	.0017850	.0010775	.0078213	-.004116
#3	-.004816	.0011975	-.001295	.0024724	.0004675	.0051715	-.004230

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000100	.0000058	.0103480	-.000670	-.000160	.0015335	.0034953
Stddev	.000039	.0000307	.0135957	.000244	.000104	.0009897	.0044581
%RSD	39.53479	529.5716	131.3846	36.38216	65.13187	64.53805	127.5458

#1	-.000074	-.000016	.0254307	-.000897	-.000073	.0003934	.0065728
#2	-.000080	-.000008	.0065782	-.000412	-.000131	.0020359	.0055304
#3	-.000145	.000041	-.000965	-.000702	-.000275	.0021711	-.001617

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0001187	.0005043	.0006316	-.000005	-.138218	.0006567	-.001992
Stddev	.0002191	.0336211	.0002958	.000155	.074419	.0004562	.000757
%RSD	184.5695	6667.220	46.82791	3012.306	53.84179	69.47894	37.99753

#1	.0002583	-.028052	.0006704	-.000126	-.081421	.0007297	-.002390
#2	-.000134	.037559	.0003184	-.000058	-.110771	.0001683	-.001119
#3	.000232	-.007995	.0009060	.000169	-.222463	.0010720	-.002467

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.052046	.0000158	.0038304	.0003695	.0009038	-.003593	.0000417
Stddev	.002641	.0001967	.0013680	.0003229	.0017357	.000631	.0007683
%RSD	5.073928	1242.526	35.71501	87.39491	192.0376	17.56833	1841.755

#1	-.049420	.0001717	.0046049	.0006607	.0003705	-.003965	-.000213
#2	-.054701	-.000205	.0046355	.0004254	.0028436	-.002864	-.000567
#3	-.052018	.000081	.0022508	.0000222	-.000503	-.003951	.000905

Sample Name: CCB019 Acquired: 8/16/2017 11:48:43 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v124) Mode: CONC Corr. Factor: 1.000000
 User: JASWAL Custom ID1: CCB019 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.0010398	.0007110	.0001285
Stddev	.0003126	.0001087	.0000104
%RSD	30.06303	15.29349	8.097666

#1	.0006799	.0008354	.0001385
#2	.0011961	.0006340	.0001292
#3	.0012434	.0006636	.0001178

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1242.750	1937.392	47052.25	8943.807	3428.314
Stddev	2.766	19.551	146.35	27.867	23.972
%RSD	.2225989	1.009143	.3110397	.3115778	.6992245

#1	1244.380	1916.245	46955.56	8926.148	3406.598
#2	1239.556	1941.121	46980.57	8929.341	3424.308
#3	1244.315	1954.809	47220.63	8975.932	3454.036

Sample Name: I4778-11 Acquired: 8/16/2017 11:52:54 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v124) Mode: CONC Corr. Factor: 1.000000
 User: JASWAL Custom ID1: METH25 Custom ID2: Custom ID3:
 Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1567932	-.013384	.5106365	-.014997	.0022028	75.41315	1.893298
Stddev	.0020208	.001695	.0024938	.002650	.0007850	.08694	.005205
%RSD	1.288848	12.66293	.4883731	17.67340	35.63653	.1152805	.2749200

#1	.1547627	-.014964	.5134152	-.018010	.0016147	75.31276	1.888616
#2	.1588042	-.011594	.5085928	-.013026	.0030942	75.46249	1.898903
#3	.1568128	-.013594	.5099016	-.013954	.0018995	75.46418	1.892376

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0064348	.0913972	42.41838	.1083985	.0819721	.2548664	139.9056
Stddev	.0001303	.0002520	.17392	.0004672	.0003625	.0009583	.4750
%RSD	2.025634	.2757291	.4100000	.4310083	.4422442	.3760130	.3395138

#1	.0065843	.0913727	42.28381	.1080162	.0823023	.2556046	139.6060
#2	.0063451	.0916606	42.61476	.1082600	.0820298	.2552113	140.4533
#3	.0063749	.0911584	42.35656	.1089193	.0815842	.2537834	139.6576

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.554244	25.13481	.1559498	.0015243	1.163417	.2016712	3.879792
Stddev	.017749	.12113	.0005292	.0002155	.069408	.0010892	.007606
%RSD	.3195628	.4819250	.3393124	14.13874	5.965871	.5400610	.1960534

#1	5.540974	25.09351	.1564166	.0017715	1.115238	.2006828	3.872673
#2	5.574406	25.27119	.1553749	.0013757	1.242973	.2014921	3.887806
#3	5.547353	25.03973	.1560578	.0014258	1.132039	.2028388	3.878895

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	14.92057	.9679476	-.335657	.0007509	1.660890	3.157470	.0113325
Stddev	.01959	.0023270	.002696	.0003073	.005640	.024553	.0008460
%RSD	.1312704	.2404032	.8033337	40.93166	.3395548	.7776019	7.465474

#1	14.89820	.9684099	-.333182	.0009525	1.663270	3.161165	.0113782
#2	14.93465	.9654241	-.338530	.0009030	1.654450	3.179966	.0121547
#3	14.92887	.9700087	-.335259	.0003971	1.664949	3.131280	.0104645

Sample Name: I4778-11 Acquired: 8/16/2017 11:52:54 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v124) Mode: CONC Corr. Factor: 1.000000
 User: JASWAL Custom ID1: METH25 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.7016716	.0088556	.0381153
Stddev	.0021201	.0001401	.0000850
%RSD	.3021504	1.582290	.2228916

#1	.6992236	.0087060	.0380328
#2	.7029178	.0088770	.0381107
#3	.7028733	.0089838	.0382025

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1319.664	2021.510	50107.11	10248.69	2880.458
Stddev	.565	7.148	78.73	10.97	3.183
%RSD	.0427972	.3536140	.1571272	.1070559	.1105105

#1	1320.285	2029.349	50040.56	10249.54	2883.027
#2	1319.523	2019.829	50086.74	10237.31	2881.450
#3	1319.182	2015.351	50194.02	10259.20	2876.897

Sample Name: I4778-12 Acquired: 8/16/2017 11:56:56 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v124) Mode: CONC Corr. Factor: 1.000000
 User: JASWAL Custom ID1: METH25D Custom ID2: Custom ID3:
 Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1573560	-.010873	.5049875	-.019193	.0037186	75.55179	1.888605
Stddev	.0011518	.001373	.0013314	.004481	.0018230	.27704	.008765
%RSD	.7319488	12.62335	.2636473	23.34738	49.02418	.3666858	.4640932

#1	.1568929	-.009512	.5063805	-.021320	.0029714	75.47565	1.894631
#2	.1565079	-.010850	.5037277	-.022215	.0023878	75.32079	1.878550
#3	.1586673	-.012257	.5048543	-.014045	.0057964	75.85894	1.892633

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0063922	.0908376	42.31928	.1071919	.0812515	.2547246	139.8843
Stddev	.0000537	.0003598	.42753	.0006335	.0003639	.0009998	1.1499
%RSD	.8396579	.3961490	1.010258	.5910428	.4478685	.3925057	.8220717

#1	.0063352	.0908377	41.98472	.1068428	.0815514	.2537836	138.9732
#2	.0063996	.0904777	42.17218	.1068097	.0808466	.2546158	139.5034
#3	.0064417	.0911974	42.80094	.1079232	.0813564	.2557743	141.1764

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.560251	25.19088	.1545914	.0013554	1.081486	.2014189	3.847605
Stddev	.039848	.12214	.0006624	.0001787	.075234	.0008954	.042026
%RSD	.7166513	.4848443	.4284594	13.18433	6.956567	.4445543	1.092269

#1	5.528713	25.18931	.1544888	.0013090	1.001681	.2004546	3.833996
#2	5.547005	25.06954	.1539864	.0012045	1.091663	.2015780	3.814069
#3	5.605035	25.31380	.1552991	.0015527	1.151114	.2022241	3.894749

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	14.93347	.9633132	-.340699	.0011420	1.645555	3.167458	.0109425
Stddev	.06710	.0016159	.004294	.0001700	.008472	.021781	.0015186
%RSD	.4492991	.1677416	1.260256	14.88563	.5148251	.6876523	13.87761

#1	14.96418	.9641846	-.339999	.0011065	1.644087	3.143418	.0115990
#2	14.85651	.9614486	-.336799	.0009925	1.637912	3.173076	.0120224
#3	14.97971	.9643062	-.345300	.0013269	1.654664	3.185879	.0092061

Sample Name: I4778-12 Acquired: 8/16/2017 11:56:56 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v124) Mode: CONC Corr. Factor: 1.000000
 User: JASWAL Custom ID1: METH25D Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.7000520	.0088251	.0382473
Stddev	.0050463	.0000374	.0002389
%RSD	.7208425	.4239962	.6247136

#1	.6947987	.0088107	.0381333
#2	.7004955	.0087970	.0380868
#3	.7048619	.0088676	.0385219

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1302.819	2020.418	49961.08	10184.89	2889.187
Stddev	7.342	17.128	151.80	60.91	13.630
%RSD	.5635159	.8477382	.3038448	.5980266	.4717502

#1	1302.300	2008.672	49792.07	10202.36	2875.117
#2	1310.406	2012.511	50085.85	10235.16	2890.115
#3	1295.750	2040.071	50005.34	10117.16	2902.329

Sample Name: I4778-13 Acquired: 8/16/2017 12:00:58 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v124) Mode: CONC Corr. Factor: 1.000000
 User: JASWAL Custom ID1: METH25S Custom ID2: Custom ID3:
 Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.2200346	.1160603	.5312881	.0654150	.0467100	75.67378	5.626040
Stddev	.0036123	.0012335	.0031520	.0029513	.0034164	.22160	.040865
%RSD	1.641678	1.062828	.5932798	4.511615	7.314017	.2928411	.7263496

#1	.2223911	.1151052	.5321209	.0675143	.0503314	75.91743	5.673207
#2	.2218369	.1174529	.5339402	.0620406	.0462542	75.61964	5.603637
#3	.2158758	.1156228	.5278034	.0666902	.0435444	75.48426	5.601277

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0958507	.1801455	41.47992	.4914903	1.063154	.7064018	136.0136
Stddev	.0005560	.0010392	.12562	.0025384	.005220	.0024815	.1592
%RSD	.5800838	.5768606	.3028521	.5164627	.4909873	.3512860	.1170716

#1	.0963059	.1800806	41.36758	.4940549	1.066708	.7092536	135.8361
#2	.0960152	.1812156	41.61557	.4914369	1.065593	.7052174	136.1439
#3	.0952310	.1791402	41.45661	.4889791	1.057161	.7047343	136.0608

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	6.514010	23.84962	1.101485	.0412772	1.029622	1.124674	4.576492
Stddev	.016613	.04838	.005552	.0000562	.026047	.006759	.026604
%RSD	.2550320	.2028531	.5040673	.1360718	2.529762	.6010075	.5813245

#1	6.500485	23.79383	1.104211	.0413241	1.007236	1.132479	4.551060
#2	6.532554	23.88007	1.105147	.0412150	1.058210	1.120747	4.604131
#3	6.508991	23.87496	1.095097	.0412925	1.023419	1.120797	4.574283

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	14.29081	.9093611	-.328999	.0005031	1.496559	3.282528	.0125003
Stddev	.05689	.0047271	.001674	.0002527	.016482	.013803	.0012938
%RSD	.3981040	.5198288	.5089074	50.22628	1.101296	.4205054	10.34971

#1	14.35413	.9126164	-.327176	.0003298	1.510433	3.298387	.0139678
#2	14.24398	.9115279	-.329350	.0007930	1.500903	3.273214	.0115245
#3	14.27433	.9039390	-.330469	.0003864	1.478340	3.275985	.0120087

Sample Name: I4778-13 Acquired: 8/16/2017 12:00:58 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v124) Mode: CONC Corr. Factor: 1.000000
 User: JASWAL Custom ID1: METH25S Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.6523811	.0083176	.0369554
Stddev	.0026060	.0000554	.0001016
%RSD	.3994614	.6659681	.2749299

#1	.6545625	.0083383	.0370693
#2	.6530855	.0082548	.0368740
#3	.6494953	.0083596	.0369229

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1295.610	1990.400	49897.06	10143.00	2881.249
Stddev	4.889	9.354	119.23	6.94	11.405
%RSD	.3773371	.4699380	.2389569	.0684070	.3958317

#1	1300.959	1979.634	49893.91	10148.91	2869.225
#2	1294.495	1995.035	50017.84	10135.36	2882.609
#3	1291.374	1996.531	49779.44	10144.74	2891.913

Sample Name: I4778-11LX5 Acquired: 8/16/2017 12:04:56 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v124) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: METH25L Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0341584	-.002647	.1051118	-.004221	-.000530	16.30117	.4011066
Stddev	.0021657	.002284	.0007984	.001927	.000623	.10980	.0028293
%RSD	6.340175	86.28124	.7595636	45.65578	117.5039	.6735447	.7053833

#1	.0319220	-.000448	.1052218	-.004205	-.000102	16.29467	.4030014
#2	.0362457	-.002486	.1042641	-.006156	-.000244	16.19477	.3978544
#3	.0343075	-.005008	.1058495	-.002302	-.001244	16.41407	.4024641

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0015165	.0176222	9.372894	.0242738	.0153671	.0573317	31.47393
Stddev	.0000172	.0000872	.045661	.0005927	.0005135	.0013008	.19770
%RSD	1.133627	.4949916	.4871630	2.441833	3.341603	2.268831	.6281250

#1	.0014995	.0175826	9.372637	.0236146	.0159574	.0571630	31.45724
#2	.0015160	.0175618	9.327361	.0244440	.0151201	.0561235	31.28511
#3	.0015339	.0177222	9.418682	.0247628	.0150237	.0587086	31.67945

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.248126	5.523354	.0307062	.0000499	.2208598	.0440833	.8446422
Stddev	.005278	.048650	.0006439	.0000815	.0513759	.0016218	.0201132
%RSD	.4228864	.8807994	2.096985	163.5175	23.26178	3.678907	2.381266

#1	1.248208	5.499296	.0314023	-.000042	.2044991	.0459486	.8674870
#2	1.242808	5.491420	.0301318	.000113	.1796566	.0430067	.8368429
#3	1.253363	5.579345	.0305846	.000079	.2784236	.0432947	.8295967

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	3.171349	.1887527	-.079467	-.000325	.3234529	.7282561	.0021388
Stddev	.014836	.0005196	.001058	.000057	.0060516	.0138060	.0007724
%RSD	.4678067	.2752805	1.331830	17.37990	1.870943	1.895767	36.11379

#1	3.163579	.1892287	-.078283	-.000390	.3266313	.7148705	.0028458
#2	3.162012	.1888310	-.079794	-.000286	.3272531	.7274504	.0013144
#3	3.188456	.1881984	-.080323	-.000300	.3164743	.7424473	.0022561

Sample Name: I4778-11LX5 Acquired: 8/16/2017 12:04:56 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v124) Mode: CONC Corr. Factor: 1.000000
 User: JASWAL Custom ID1: METH25L Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.1538948	.0020024	.0084073
Stddev	.0004201	.0000095	.0000258
%RSD	.2729727	.4747613	.3072268

#1	.1534101	.0020075	.0084054
#2	.1541211	.0020083	.0083825
#3	.1541533	.0019915	.0084341

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1234.715	1934.384	46966.03	9297.471	3209.949
Stddev	29.300	11.020	451.53	41.735	13.644
%RSD	2.372986	.5697119	.9613897	.4488819	.4250593

#1	1200.898	1928.243	46444.68	9261.920	3201.348
#2	1252.498	1927.803	47222.22	9343.422	3202.817
#3	1250.750	1947.107	47231.20	9287.071	3225.681

Sample Name: I4778-14 Acquired: 8/16/2017 12:09:03 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v124) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: METH26 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1498308	-.010204	.4803702	-.017673	.0019058	75.55621	1.827234
Stddev	.0050573	.001643	.0023317	.004037	.0018420	.05235	.002754
%RSD	3.375307	16.10259	.4853949	22.84316	96.65325	.0692797	.1507078

#1	.1475278	-.011299	.4794338	-.016680	-.000185	75.57680	1.829352
#2	.1556296	-.010997	.4830245	-.014224	.003289	75.49670	1.824121
#3	.1463348	-.008314	.4786522	-.022113	.002613	75.59512	1.828230

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0062628	.0890383	41.29858	.1064122	.0781677	.2438274	138.6136
Stddev	.0000980	.0001468	.13643	.0005033	.0005791	.0005565	.2845
%RSD	1.564582	.1648611	.3303440	.4729856	.7408550	.2282163	.2052111

#1	.0061499	.0889464	41.14880	.1058912	.0781903	.2431884	138.5432
#2	.0063124	.0892076	41.41575	.1064496	.0787352	.2440889	138.3710
#3	.0063260	.0889608	41.33121	.1068957	.0775777	.2442050	138.9267

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.230318	25.11850	.1504508	.0012772	1.112805	.1993459	3.810293
Stddev	.008143	.09147	.0005057	.0001597	.078317	.0011497	.022813
%RSD	.1556977	.3641599	.3361363	12.50051	7.037847	.5767553	.5987264

#1	5.222236	25.20287	.1504839	.0011091	1.032862	.1980287	3.828981
#2	5.230196	25.02129	.1509392	.0014269	1.189389	.1998606	3.784870
#3	5.238521	25.13135	.1499294	.0012957	1.116164	.2001483	3.817026

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	14.41324	.9207886	-.334808	.0007736	1.492451	3.773947	.0100956
Stddev	.05455	.0041213	.000482	.0000955	.000691	.017372	.0015994
%RSD	.3784818	.4475789	.1438594	12.33964	.0462905	.4603134	15.84205

#1	14.47003	.9185819	-.335359	.0007489	1.492714	3.781232	.0087628
#2	14.36125	.9255434	-.334600	.0008791	1.492972	3.786491	.0096549
#3	14.40843	.9182407	-.334466	.0006930	1.491667	3.754119	.0118691

Sample Name: I4778-14 Acquired: 8/16/2017 12:09:03 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v124) Mode: CONC Corr. Factor: 1.000000
 User: JASWAL Custom ID1: METH26 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.6985931	.0087643	.0369381
Stddev	.0007439	.0000331	.0000563
%RSD	.1064914	.3782897	.1524331

#1	.6978897	.0087633	.0369884
#2	.6985176	.0087317	.0368772
#3	.6993719	.0087980	.0369485

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1296.927	2008.570	49796.86	10171.41	2894.411
Stddev	9.581	10.913	56.46	43.37	14.053
%RSD	.7387329	.5433018	.1133816	.4263691	.4855353

#1	1286.023	1996.056	49819.44	10131.93	2879.534
#2	1300.758	2013.550	49732.60	10164.46	2896.234
#3	1303.998	2016.105	49838.54	10217.83	2907.463

Sample Name: I4778-15 Acquired: 8/16/2017 12:13:05 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v124) Mode: CONC Corr. Factor: 1.000000
 User: JASWAL Custom ID1: METH27 Custom ID2: Custom ID3:
 Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1014532	-.013890	.2102761	-.017834	.0020820	95.51714	1.878371
Stddev	.0016916	.000879	.0025956	.002644	.0013122	.37482	.007229
%RSD	1.667330	6.327691	1.234360	14.82673	63.02477	.3924065	.3848662

#1	.1016890	-.014102	.2127723	-.018613	.0018052	95.87826	1.884318
#2	.0996562	-.012924	.2075914	-.014888	.0035105	95.12999	1.870324
#3	.1030146	-.014643	.2104647	-.020001	.0009303	95.54316	1.880470

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0074556	.0356510	44.00352	.1178207	.0894490	.2093976	163.0327
Stddev	.0001310	.0002622	.15697	.0011003	.0007959	.0012590	.4117
%RSD	1.756992	.7353675	.3567147	.9338548	.8898048	.6012360	.2525411

#1	.0073357	.0353983	44.00907	.1176026	.0903161	.2101643	163.4918
#2	.0075954	.0356330	43.84385	.1168458	.0892795	.2079446	162.6962
#3	.0074357	.0359217	44.15764	.1190137	.0887515	.2100839	162.9101

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.335291	31.40381	.1949976	.0009602	1.213498	.2229947	1.820925
Stddev	.007420	.23748	.0015218	.0001232	.030318	.0006490	.017224
%RSD	.1390664	.7562250	.7804068	12.83341	2.498380	.2910366	.9459016

#1	5.342710	31.67778	.1962493	.0009231	1.241457	.2237049	1.840483
#2	5.327871	31.25660	.1954399	.0010977	1.217765	.2224326	1.808019
#3	5.335293	31.27706	.1933037	.0008598	1.181273	.2228465	1.814272

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	14.01906	.7910754	-.399997	-.000273	1.204060	2.550046	.0097236
Stddev	.05274	.0029488	.000504	.000391	.008705	.019864	.0007723
%RSD	.3762136	.3727617	.1260045	143.3759	.7229450	.7789496	7.942623

#1	14.03604	.7942419	-.399444	-.000544	1.213965	2.531042	.0106021
#2	13.95993	.7905762	-.400431	.000176	1.200590	2.548425	.0091516
#3	14.06123	.7884080	-.400116	-.000451	1.197626	2.570670	.0094171

Sample Name: I4778-15 Acquired: 8/16/2017 12:13:05 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v124) Mode: CONC Corr. Factor: 1.000000
 User: JASWAL Custom ID1: METH27 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.5998280	.0111500	.0471899
Stddev	.0017516	.0001273	.0001646
%RSD	.2920154	1.141628	.3488406

#1	.6015341	.0112816	.0473256
#2	.5980342	.0110275	.0470068
#3	.5999156	.0111409	.0472372

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1324.660	2061.314	50823.16	10479.81	2861.540
Stddev	12.092	19.005	222.79	23.72	21.435
%RSD	.9128627	.9219695	.4383654	.2263258	.7490889

#1	1311.918	2046.970	50853.24	10459.02	2844.296
#2	1326.087	2054.103	50586.86	10505.64	2854.785
#3	1335.976	2082.869	51029.39	10474.75	2885.539

Sample Name: I4778-16 Acquired: 8/16/2017 12:17:09 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v124) Mode: CONC Corr. Factor: 1.000000
 User: JASWAL Custom ID1: METH28 Custom ID2: Custom ID3:
 Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0768104	-.014451	.1858351	-.026281	.0024340	105.0855	1.821674
Stddev	.0038693	.004608	.0014686	.005447	.0028413	.1462	.003355
%RSD	5.037509	31.88333	.7902866	20.72650	116.7328	.1391626	.1841507

#1	.0806174	-.011976	.1841931	-.022529	.0057139	105.0679	1.822495
#2	.0728816	-.019767	.1870232	-.023785	.0007277	105.2397	1.824542
#3	.0769321	-.011610	.1862891	-.032529	.0008603	104.9488	1.817985

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0081395	.0265404	44.99690	.1301846	.0970246	.2132161	177.2062
Stddev	.0000970	.0002702	.11994	.0011331	.0002816	.0013250	.7158
%RSD	1.191756	1.017945	.2665465	.8703418	.2902379	.6214420	.4039482

#1	.0082215	.0268369	44.94314	.1290378	.0971611	.2122795	176.7872
#2	.0080324	.0264760	44.91324	.1313033	.0967008	.2126368	176.7987
#3	.0081645	.0263082	45.13431	.1302127	.0972120	.2147322	178.0327

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.326560	34.92306	.2086324	.0011160	1.290325	.2340375	1.205877
Stddev	.024995	.15681	.0003128	.0001892	.065709	.0034803	.004187
%RSD	.4692477	.4490047	.1499510	16.95338	5.092405	1.487061	.3471899

#1	5.325709	34.81433	.2086840	.0012867	1.355970	.2315594	1.210694
#2	5.302002	34.85204	.2089162	.0011488	1.224553	.2325367	1.203828
#3	5.351970	35.10281	.2082969	.0009125	1.290451	.2380164	1.203110

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	14.07737	.7473637	-.439055	-.000408	1.171370	3.312656	.0094435
Stddev	.01298	.0017042	.004408	.000797	.008603	.001803	.0008994
%RSD	.0922073	.2280291	1.003952	195.4013	.7344381	.0544244	9.523482

#1	14.09235	.7490161	-.439284	-.001254	1.163430	3.314204	.0100282
#2	14.06985	.7456120	-.443343	-.000299	1.170171	3.313086	.0084079
#3	14.06989	.7474630	-.434536	.000329	1.180510	3.310676	.0098943

Sample Name: I4778-16 Acquired: 8/16/2017 12:17:09 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v124) Mode: CONC Corr. Factor: 1.000000
 User: JASWAL Custom ID1: METH28 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.5446218	.0123161	.0547471
Stddev	.0022280	.0000447	.0000739
%RSD	.4090832	.3632795	.1350730

#1	.5422177	.0123181	.0548233
#2	.5450306	.0122704	.0547425
#3	.5466170	.0123598	.0546756

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1349.185	2064.611	51622.97	10567.60	2821.186
Stddev	8.234	8.900	120.05	14.65	15.671
%RSD	.6103294	.4310630	.2325441	.1386024	.5554615

#1	1340.172	2054.339	51484.56	10566.13	2803.107
#2	1351.067	2069.481	51685.57	10553.75	2829.578
#3	1356.315	2070.014	51698.78	10582.93	2830.873

Sample Name: I4778-17 Acquired: 8/16/2017 12:21:09 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v124) Mode: CONC Corr. Factor: 1.000000
 User: JASWAL Custom ID1: METH29 Custom ID2: Custom ID3:
 Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1231737	-.009673	.7295361	-.013729	.0028587	61.97359	1.575274
Stddev	.0020801	.002288	.0024002	.002947	.0001570	.07445	.005468
%RSD	1.688751	23.65129	.3290073	21.46187	5.493405	.1201339	.3471121

#1	.1254103	-.009185	.7299072	-.016418	.0028204	61.91163	1.580583
#2	.1212972	-.007669	.7269719	-.010579	.0030314	61.95296	1.569660
#3	.1228135	-.012166	.7317291	-.014190	.0027244	62.05618	1.575578

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0056316	.0979188	48.76036	.0920128	.0737713	.2688296	136.2197
Stddev	.0000190	.0006366	.32749	.0039130	.0004899	.0016837	.5697
%RSD	.3364565	.6500906	.6716373	4.252711	.6640685	.6263187	.4181897

#1	.0056523	.0982254	48.43204	.0885051	.0735992	.2707311	135.6303
#2	.0056151	.0971870	48.76202	.0962332	.0733907	.2675277	136.2614
#3	.0056274	.0983440	49.08702	.0913001	.0743240	.2682300	136.7673

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.843937	21.92585	.1376473	.0019575	1.090769	.1761636	4.304334
Stddev	.027803	.16008	.0009560	.0000836	.022029	.0020323	.144087
%RSD	.5739805	.7300883	.6945655	4.269459	2.019607	1.153624	3.347498

#1	4.816328	21.74111	.1386592	.0020539	1.107732	.1761864	4.190427
#2	4.843552	22.01309	.1367591	.0019051	1.098703	.1741200	4.466311
#3	4.871931	22.02336	.1375236	.0019135	1.065871	.1781843	4.256261

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	13.74508	1.050707	-.325604	.0023453	2.644478	3.291083	.0151606
Stddev	.06832	.001821	.001706	.0001082	.021057	.027996	.0013078
%RSD	.4970684	.1732978	.5238285	4.615129	.7962698	.8506722	8.626236

#1	13.75864	1.051306	-.324567	.0022386	2.664188	3.267353	.0158573
#2	13.67099	1.048662	-.327573	.0023423	2.622292	3.321960	.0159725
#3	13.80561	1.052153	-.324673	.0024550	2.646955	3.283937	.0136519

Sample Name: I4778-17 Acquired: 8/16/2017 12:21:09 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v124) Mode: CONC Corr. Factor: 1.000000
 User: JASWAL Custom ID1: METH29 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.6368491	.0075920	.0373372
Stddev	.0012614	.0000480	.0000531
%RSD	.1980702	.6317596	.1423105

#1	.6362520	.0076277	.0373445
#2	.6382982	.0076108	.0372808
#3	.6359972	.0075375	.0373863

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1283.616	1969.239	49917.53	10151.39	2898.818
Stddev	35.861	8.011	1126.90	12.61	13.688
%RSD	2.793751	.4067977	2.257517	.1242374	.4722095

#1	1308.980	1977.726	50871.16	10165.59	2898.528
#2	1242.588	1968.184	48674.01	10147.07	2912.649
#3	1299.280	1961.809	50207.43	10141.50	2885.277

Sample Name: I4778-18 Acquired: 8/16/2017 12:25:09 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v124) Mode: CONC Corr. Factor: 1.000000
 User: JASWAL Custom ID1: METH30 Custom ID2: Custom ID3:
 Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1585278	-.010286	.5587599	-.015320	.0034373	69.57372	1.840739
Stddev	.0036512	.000769	.0035036	.001560	.0014523	.12888	.004658
%RSD	2.303180	7.479777	.6270382	10.18057	42.25155	.1852380	.2530271

#1	.1623404	-.011042	.5625543	-.015821	.0050922	69.71653	1.841107
#2	.1550629	-.009504	.5580782	-.016568	.0028449	69.46608	1.835908
#3	.1581801	-.010312	.5556472	-.013572	.0023749	69.53856	1.845201

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0058735	.1076474	42.47853	.0987289	.0797648	.2765333	131.5817
Stddev	.0001637	.0002881	.16393	.0009450	.0006655	.0008164	.4114
%RSD	2.786762	.2676523	.3859011	.9571671	.8343213	.2952349	.3126679

#1	.0060222	.1079397	42.66582	.0985125	.0798859	.2773621	131.9836
#2	.0059002	.1076388	42.40862	.0997633	.0790471	.2757299	131.6002
#3	.0056981	.1073636	42.36115	.0979108	.0803615	.2765080	131.1614

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.473431	22.90487	.1466743	.0017441	1.186414	.1929718	4.165998
Stddev	.022802	.11257	.0017009	.0001714	.035711	.0029659	.000878
%RSD	.4165924	.4914497	1.159623	9.827066	3.009962	1.536949	.0210783

#1	5.499757	23.03484	.1478270	.0019370	1.199887	.1949375	4.166866
#2	5.460629	22.83890	.1447209	.0016094	1.145926	.1944177	4.165110
#3	5.459908	22.84085	.1474750	.0016859	1.213427	.1895603	4.166018

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	16.20311	1.035036	-.316148	.0013370	1.610335	5.874082	.0120212
Stddev	.06777	.005726	.004492	.0000672	.009830	.008951	.0022186
%RSD	.4182398	.5532208	1.420961	5.030065	.6104178	.1523797	18.45580

#1	16.23893	1.041616	-.321334	.0014113	1.621595	5.884309	.0142103
#2	16.12495	1.031190	-.313442	.0012801	1.603471	5.867678	.0097742
#3	16.24544	1.032301	-.313668	.0013197	1.605937	5.870258	.0120792

Sample Name: I4778-18 Acquired: 8/16/2017 12:25:09 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v124) Mode: CONC Corr. Factor: 1.000000
 User: JASWAL Custom ID1: METH30 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.7372820	.0082203	.0384731
Stddev	.0041103	.0000365	.0000107
%RSD	.5574994	.4436664	.0278710

#1	.7393409	.0081789	.0384613
#2	.7399559	.0082341	.0384822
#3	.7325491	.0082478	.0384759

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1296.342	2006.438	50123.08	10272.25	2906.277
Stddev	6.138	8.559	107.86	20.76	11.723
%RSD	.4734585	.4266016	.2151906	.2020831	.4033832

#1	1289.434	2001.915	50029.10	10248.72	2893.492
#2	1301.169	2016.310	50240.85	10280.08	2916.522
#3	1298.421	2001.089	50099.29	10287.97	2908.818

Sample Name: I4778-19 Acquired: 8/16/2017 12:29:09 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v124) Mode: CONC Corr. Factor: 1.000000
 User: JASWAL Custom ID1: METH31 Custom ID2: Custom ID3:
 Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0995342	-.014992	.1819346	-.021727	.0019593	85.79655	1.770790
Stddev	.0014297	.001049	.0014894	.004397	.0009866	.06869	.002499
%RSD	1.436365	6.999126	.8186302	20.23841	50.35539	.0800627	.1411171

#1	.0992764	-.015975	.1826881	-.020286	.0013198	85.87253	1.767911
#2	.0982510	-.015114	.1802190	-.018231	.0030956	85.77829	1.772065
#3	.1010753	-.013887	.1828966	-.026664	.0014627	85.73884	1.772394

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0069734	.0363020	42.37081	.1101606	.0911649	.1910364	159.5886
Stddev	.0001193	.0002005	.09612	.0006373	.0003222	.0006014	.2324
%RSD	1.711316	.5524314	.2268599	.5785172	.3534609	.3148249	.1456451

#1	.0071105	.0365336	42.39538	.1094751	.0913436	.1916057	159.5652
#2	.0068929	.0361863	42.45227	.1102717	.0907929	.1904073	159.8318
#3	.0069168	.0361862	42.26479	.1107350	.0913581	.1910962	159.3687

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.085140	29.78127	.1947180	.0012923	1.351869	.2148893	1.506323
Stddev	.013472	.11648	.0005003	.0003381	.057099	.0026003	.011454
%RSD	.2649299	.3911282	.2569216	26.16495	4.223687	1.210056	.7603619

#1	5.082271	29.70932	.1950012	.0010246	1.417618	.2128194	1.497490
#2	5.099815	29.91566	.1950125	.0016723	1.323248	.2140406	1.519264
#3	5.073333	29.71882	.1941404	.0011800	1.314742	.2178079	1.502214

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	14.03267	.9454480	-.396316	.0000934	.9682906	3.332269	.0076753
Stddev	.01199	.0035681	.001937	.0004402	.0066333	.023372	.0009654
%RSD	.0854168	.3773993	.4886415	471.0464	.6850498	.7013799	12.57862

#1	14.03866	.9491776	-.397906	-.000310	.9660340	3.318418	.0077373
#2	14.04048	.9450994	-.396884	.000563	.9757578	3.319136	.0086082
#3	14.01887	.9420669	-.394159	.000028	.9630800	3.359254	.0066803

Sample Name: I4778-19 Acquired: 8/16/2017 12:29:09 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v124) Mode: CONC Corr. Factor: 1.000000
 User: JASWAL Custom ID1: METH31 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.6743994	.0107574	.0453169
Stddev	.0013948	.0000507	.0000514
%RSD	.2068167	.4715991	.1134959

#1	.6751002	.0107212	.0453763
#2	.6753048	.0107357	.0452868
#3	.6727932	.0108154	.0452877

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1316.373	2059.845	51031.63	10499.85	2864.904
Stddev	10.029	2.747	161.32	14.94	6.780
%RSD	.7618897	.1333630	.3161243	.1423285	.2366606

#1	1315.707	2056.856	51155.68	10482.64	2857.076
#2	1306.694	2060.422	50849.25	10507.39	2868.948
#3	1326.719	2062.258	51089.94	10509.52	2868.687

Sample Name: I4778-20 Acquired: 8/16/2017 12:33:09 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v124) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: METH32 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0761566	-.015245	.1920108	-.021735	.0023860	96.30733	1.849990
Stddev	.0035827	.001474	.0011891	.006966	.0022603	.07710	.004514
%RSD	4.704385	9.665792	.6192982	32.04810	94.73539	.0800511	.2439956

#1	.0733671	-.016435	.1928539	-.016479	.0020655	96.23819	1.850557
#2	.0801970	-.013597	.1906507	-.019091	.0003030	96.39046	1.854193
#3	.0749057	-.015704	.1925279	-.029636	.0047894	96.29332	1.845219

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0077441	.0287247	44.31014	.1228163	.1106248	.2044454	174.4998
Stddev	.0000646	.0000050	.20188	.0005595	.0002565	.0010186	.8265
%RSD	.8342502	.0174517	.4556092	.4555352	.2318444	.4982089	.4736518

#1	.0076697	.0287284	44.10515	.1223492	.1103670	.2043861	174.0309
#2	.0077853	.0287190	44.31650	.1226634	.1106274	.2054923	174.0143
#3	.0077773	.0287267	44.50876	.1234364	.1108799	.2034577	175.4541

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	6.362488	33.26282	.2241320	.0011898	1.721202	.2308722	1.104708
Stddev	.034207	.09680	.0014067	.0004168	.039805	.0020181	.006896
%RSD	.5376287	.2910199	.6276395	35.02916	2.312619	.8741239	.6242156

#1	6.342291	33.15507	.2253290	.0008355	1.727042	.2302511	1.112348
#2	6.343191	33.29094	.2225826	.0010850	1.757765	.2292377	1.102828
#3	6.401983	33.34245	.2244845	.0016491	1.678800	.2331279	1.098947

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	14.52266	.8607296	-.434052	-.000195	.9539798	3.168574	.0096767
Stddev	.02110	.0017320	.003664	.000041	.0147384	.024072	.0011983
%RSD	.1453034	.2012226	.8441132	21.29137	1.544939	.7597040	12.38348

#1	14.51202	.8601017	-.435351	-.000186	.9491848	3.159542	.0084654
#2	14.54696	.8626879	-.429916	-.000240	.9705186	3.150325	.0108616
#3	14.50899	.8593991	-.436890	-.000158	.9422360	3.195856	.0097031

Sample Name: I4778-20 Acquired: 8/16/2017 12:33:09 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v124) Mode: CONC Corr. Factor: 1.000000
 User: JASWAL Custom ID1: METH32 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.6363821	.0120412	.0500836
Stddev	.0016031	.0000815	.0000900
%RSD	.2519132	.6767959	.1796315

#1	.6345760	.0120827	.0501290
#2	.6376366	.0120935	.0501418
#3	.6369337	.0119473	.0499800

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1343.727	2076.611	51742.67	10637.06	2834.544
Stddev	6.251	1.901	118.11	29.29	5.274
%RSD	.4651922	.0915619	.2282632	.2753837	.1860494

#1	1336.543	2077.510	51678.88	10614.61	2828.552
#2	1347.921	2077.896	51670.17	10670.19	2838.481
#3	1346.718	2074.427	51878.96	10626.37	2836.600

Sample Name: I4778-21 Acquired: 8/16/2017 12:37:11 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v124) Mode: CONC Corr. Factor: 1.000000
 User: JASWAL Custom ID1: METH33 Custom ID2: Custom ID3:
 Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0909091	-.010175	.6638675	-.019162	.0015043	69.00125	1.706945
Stddev	.0031890	.001547	.0021030	.002289	.0010652	.28585	.010714
%RSD	3.507853	15.20070	.3167799	11.94442	70.80722	.4142620	.6276851

#1	.0941656	-.009961	.6615288	-.020766	.0014287	68.70960	1.696016
#2	.0907695	-.008746	.6656030	-.016541	.0004790	69.28091	1.717431
#3	.0877922	-.011817	.6644707	-.020179	.0026052	69.01323	1.707388

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0062265	.0771932	39.27842	.1021265	.0753817	.3011340	138.8263
Stddev	.0000352	.0001110	.15729	.0004135	.0001030	.0019463	.6293
%RSD	.5651780	.1437811	.4004602	.4048953	.1365885	.6463171	.4532668

#1	.0062304	.0771648	39.10511	.1016953	.0755006	.2992519	138.1235
#2	.0062595	.0773157	39.41213	.1021648	.0753218	.3031387	139.3374
#3	.0061895	.0770992	39.31802	.1025196	.0753227	.3010114	139.0179

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.002789	23.04347	.1543763	.0017326	.9553851	.1882097	3.219223
Stddev	.023997	.12141	.0005925	.0002486	.0310214	.0035119	.032099
%RSD	.4796710	.5268800	.3837860	14.34648	3.247003	1.865956	.9971186

#1	4.980064	23.01137	.1541792	.0014471	.9842793	.1843368	3.202741
#2	5.027882	23.17771	.1550422	.0018494	.9226031	.1911873	3.256216
#3	5.000419	22.94134	.1539074	.0019012	.9592730	.1891050	3.198714

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	17.94912	1.509881	-.328877	.0051945	3.032372	5.331872	.0214924
Stddev	.13861	.005489	.001804	.0001696	.025520	.022722	.0014951
%RSD	.7722608	.3635541	.5484530	3.265695	.8415804	.4261497	6.956267

#1	17.83810	1.512223	-.330910	.0053744	3.061094	5.356645	.0230394
#2	18.10448	1.513810	-.328253	.0050375	3.012305	5.326968	.0200554
#3	17.90480	1.503609	-.327468	.0051715	3.023716	5.312003	.0213823

Sample Name: I4778-21 Acquired: 8/16/2017 12:37:11 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v124) Mode: CONC Corr. Factor: 1.000000
 User: JASWAL Custom ID1: METH33 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.6625584	.0082803	.0385448
Stddev	.0023549	.0000314	.0002242
%RSD	.3554223	.3786820	.5815451

#1	.6604156	.0082520	.0383753
#2	.6650796	.0082749	.0387989
#3	.6621801	.0083140	.0384602

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1281.258	1986.683	49871.91	10251.55	2901.155
Stddev	11.603	6.172	284.78	48.70	12.081
%RSD	.9056095	.3106844	.5710205	.4750854	.4164170

#1	1275.229	1979.745	49604.15	10213.80	2888.260
#2	1273.911	1988.738	49840.49	10234.31	2902.994
#3	1294.635	1991.565	50171.10	10306.52	2912.211

Sample Name: I4778-22 Acquired: 8/16/2017 12:41:12 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v124) Mode: CONC Corr. Factor: 1.000000
 User: JASWAL Custom ID1: METH34 Custom ID2: Custom ID3:
 Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0917618	-.011212	.7692488	-.015227	.0029835	69.78525	1.857351
Stddev	.0018375	.001642	.0004237	.003859	.0013720	.11554	.006000
%RSD	2.002457	14.64094	.0550818	25.34130	45.98444	.1655631	.3230668

#1	.0906838	-.012817	.7687689	-.011799	.0032809	69.91391	1.864279
#2	.0907182	-.009536	.7694065	-.019406	.0014873	69.75149	1.853977
#3	.0938835	-.011284	.7695712	-.014477	.0041824	69.69035	1.853798

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0065343	.0737682	44.64455	.1051548	.0759368	.3032476	145.4870
Stddev	.0001202	.0002579	.09813	.0002190	.0005001	.0015856	.3023
%RSD	1.839065	.3496244	.2197924	.2082516	.6585656	.5228832	.2078118

#1	.0064124	.0736269	44.54899	.1049319	.0758862	.3046389	145.2196
#2	.0065379	.0740659	44.74506	.1053696	.0754639	.3035827	145.8151
#3	.0066527	.0736118	44.63960	.1051628	.0764602	.3015212	145.4263

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.409682	22.88566	.1505060	.0019974	1.068378	.1847750	3.600937
Stddev	.013873	.08222	.0000579	.0002323	.066894	.0014962	.022868
%RSD	.3146132	.3592798	.0384952	11.62941	6.261241	.8097485	.6350498

#1	4.399859	22.79787	.1505221	.0017397	1.079915	.1830474	3.578673
#2	4.425553	22.96087	.1505542	.0021906	.996467	.1856316	3.599775
#3	4.403634	22.89825	.1504417	.0020620	1.128753	.1856461	3.624364

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	17.94649	1.867597	-.347933	.0048037	3.898232	3.094147	.0269119
Stddev	.04747	.003725	.000419	.0004156	.016051	.005124	.0009778
%RSD	.2645339	.1994334	.1202991	8.651997	.4117607	.1656167	3.633474

#1	17.95794	1.863528	-.347778	.0052297	3.891305	3.090264	.0275971
#2	17.89433	1.868424	-.348407	.0043993	3.886806	3.099955	.0257921
#3	17.98718	1.870838	-.347614	.0047822	3.916583	3.092221	.0273466

Sample Name: I4778-22 Acquired: 8/16/2017 12:41:12 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v124) Mode: CONC Corr. Factor: 1.000000
 User: JASWAL Custom ID1: METH34 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.6385146	.0080007	.0393804
Stddev	.0025213	.0000414	.0000417
%RSD	.3948653	.5170807	.1058045

#1	.6402330	.0080014	.0394278
#2	.6356202	.0080417	.0393495
#3	.6396907	.0079590	.0393639

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1283.060	1993.348	50292.75	10286.95	2889.800
Stddev	3.618	1.753	17.94	19.69	1.803
%RSD	.2820174	.0879288	.0356757	.1914477	.0623934

#1	1287.049	1995.261	50272.04	10296.40	2890.851
#2	1279.988	1992.964	50302.58	10264.31	2890.831
#3	1282.143	1991.820	50303.63	10300.14	2887.718

Sample Name: PB101559BL Acquired: 8/16/2017 12:45:13 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v124) 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	-.001543	.0008107	.0001495	.0012869	-.000090	.0051514	-.003423
Stddev	.001005	.0004357	.0011219	.0014836	.001220	.0030181	.000871
%RSD	65.17837	53.74402	750.5530	115.2892	1358.673	58.58791	25.43687

#1	-.002298	.0012719	.0009550	.0007835	.000444	.0016829	-.004248
#2	-.001928	.0004061	.0006254	.0029566	.000773	.0071792	-.003510
#3	-.000401	.0007540	-.001132	.0001204	-.001486	.0065920	-.002512

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000028	-.000061	.0072967	-.000409	-.000034	.0013528	-.006904
Stddev	.000014	.000026	.0007773	.000342	.000035	.0006713	.007256
%RSD	50.25036	41.85063	10.65224	83.63987	103.4018	49.62317	105.0975

#1	-.000036	-.000054	.0081044	-.000508	-.000035	.0007398	-.015003
#2	-.000012	-.000040	.0072315	-.000028	.000001	.0020702	-.004717
#3	-.000036	-.000090	.0065540	-.000691	-.000069	.0012484	-.000993

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0000731	.0149923	.0004064	-.000161	-.039238	-.000707	.0005942
Stddev	.0005249	.0132509	.0000818	.000090	.067303	.000691	.0008676
%RSD	717.7650	88.38506	20.13174	55.65240	171.5249	97.73864	146.0150

#1	.0002945	.0079263	.0003910	-.000263	-.116951	-.000281	.0010258
#2	-.000526	.0067719	.0003334	-.000096	-.000674	-.000335	.0011614
#3	.000451	.0302786	.0004948	-.000124	-.000088	-.001504	-.000405

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.089429	-.000055	-.005201	-.000280	.0059870	-.002730	-.000656
Stddev	.011885	.000273	.000927	.000060	.0020588	.000285	.001096
%RSD	13.29005	500.3043	17.82073	21.22153	34.38787	10.44804	167.1191

#1	-.085286	.000249	-.006235	-.000348	.0041876	-.002651	-.001875
#2	-.102832	-.000132	-.004925	-.000258	.0082321	-.002492	.000247
#3	-.080170	-.000280	-.004444	-.000236	.0055413	-.003046	-.000339

Sample Name: PB101559BL Acquired: 8/16/2017 12:45:13 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v124) 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	-.000168	-.000104	.0000830
Stddev	.000443	.000044	.0000055
%RSD	263.8811	42.62122	6.604018

#1	-.000549	-.000127	.0000807
#2	-.000272	-.000053	.0000789
#3	.000318	-.000131	.0000892

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1239.685	1944.735	47557.69	9108.478	3458.965
Stddev	3.340	20.207	148.28	55.210	27.436
%RSD	.2694474	1.039058	.3117951	.6061425	.7931988

#1	1236.150	1924.863	47406.73	9054.626	3432.595
#2	1240.116	1944.081	47563.19	9105.854	3456.945
#3	1242.789	1965.261	47703.14	9164.953	3487.356

Sample Name: PB101559BS Acquired: 8/16/2017 12:49:25 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v124) 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	.0178734	.0509099	.0199398	.0689635	.1132245	.4053462
Stddev	.0040459	.0006221	.0007435	.0009552	.0015415	.0038870
%RSD	22.63640	1.221914	3.728841	1.385030	1.361451	.9589321

#1	.0216183	.0513355	.0193315	.0678655	.1123566	.4058661
#2	.0135821	.0511982	.0207687	.0696022	.1150043	.4089470
#3	.0184199	.0501960	.0197194	.0694230	.1123126	.4012254

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.3597873	.0108954	.0095801	10.32377	.0254936	.0905680
Stddev	.0035622	.0001118	.0000861	.08432	.0007491	.0007161
%RSD	.9900911	1.026005	.8982978	.8167784	2.938240	.7907080

#1	.3608522	.0108816	.0096012	10.37382	.0251870	.0906632
#2	.3626955	.0110134	.0096536	10.37107	.0263473	.0912318
#3	.3558140	.0107911	.0094855	10.22641	.0249465	.0898090

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0521130	.2471908	.0360593	10.01976	.0767073	.0201038
Stddev	.0007209	.0050857	.0004731	.08494	.0005723	.0000834
%RSD	1.383423	2.057388	1.312134	.8477399	.7460922	.4145916

#1	.0524623	.2467633	.0364570	10.06092	.0773429	.0201992
#2	.0512839	.2423324	.0361849	10.07627	.0765462	.0200667
#3	.0525928	.2524767	.0355361	9.92207	.0762329	.0200454

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	9.871991	.1059751	.1424907	8.962592	F .0037699	F .0187191
Stddev	.104884	.0014215	.0031559	.090850	.0004852	.0008193
%RSD	1.062440	1.341373	2.214800	1.013662	12.86953	4.376935

#1	9.986630	.1070626	.1399468	9.027952	.0032799	.0194221
#2	9.848498	.1064961	.1460223	9.000975	.0037797	.0189160
#3	9.780846	.1043666	.1415030	8.858850	.0042501	.0178193

Sample Name: PB101559BS Acquired: 8/16/2017 12:49:25 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v124) 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	.0239191	.1559812	.1936997	F .0143015	.2073499	.0120838
Stddev	.0004223	.0013776	.0023298	.0015687	.0018871	.0002118
%RSD	1.765679	.8831612	1.202805	10.96874	.9100981	1.752423

#1	.0244062	.1545616	.1944342	.0144793	.2076342	.0121057
#2	.0236564	.1560694	.1955738	.0157738	.2090787	.0122838
#3	.0236946	.1573125	.1910912	.0126515	.2053368	.0118620

Elem	Sr4077
Units	ppm
Avg	.0376599
Stddev	.0004412
%RSD	1.171522

#1	.0379411
#2	.0378871
#3	.0371514

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1186.411	1845.001	46080.79	9134.227	3207.855
Stddev	14.621	13.869	160.34	115.946	23.534
%RSD	1.232403	.7516915	.3479510	1.269352	.7336446

#1	1186.337	1835.139	46028.17	9037.248	3191.242
#2	1171.827	1839.005	45953.37	9102.782	3197.537
#3	1201.069	1860.859	46260.82	9262.652	3234.786

Sample Name: I4779-01 Acquired: 8/16/2017 12:53:33 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v124) Mode: CONC Corr. Factor: 1.000000
 User: JASWAL Custom ID1: METH35 Custom ID2: Custom ID3:
 Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1130460	-.011161	.5992542	-.016841	.0037201	71.24949	1.792846
Stddev	.0039047	.001426	.0012663	.000480	.0007729	.04451	.005184
%RSD	3.454115	12.77375	.2113196	2.848050	20.77637	.0624693	.2891712

#1	.1099053	-.009725	.6005395	-.017343	.0043844	71.21577	1.795946
#2	.1118148	-.012576	.5992152	-.016791	.0039040	71.29994	1.795730
#3	.1174180	-.011182	.5980077	-.016388	.0028718	71.23275	1.786861

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0070673	.0802696	38.35831	.1032173	.0787944	.2647765	148.3591
Stddev	.0001205	.0001368	.12566	.0014043	.0003669	.0021887	.3865
%RSD	1.705261	.1704133	.3275922	1.360526	.4655967	.8266227	.2605412

#1	.0071994	.0801221	38.23964	.1039896	.0785795	.2667835	148.0780
#2	.0069633	.0802945	38.48995	.1040659	.0792180	.2651032	148.7999
#3	.0070392	.0803923	38.34533	.1015963	.0785858	.2624428	148.1995

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.797069	23.89720	.1636582	.0016325	1.095352	.2004025	3.384073
Stddev	.023102	.04226	.0004501	.0003293	.008906	.0005748	.025785
%RSD	.4815929	.1768262	.2750077	20.17335	.8130997	.2868164	.7619543

#1	4.771462	23.85005	.1638346	.0015524	1.103567	.2000803	3.366607
#2	4.816348	23.93165	.1631466	.0013506	1.085887	.2000611	3.371923
#3	4.803397	23.90988	.1639933	.0019945	1.096603	.2010661	3.413688

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	17.53082	1.539577	-.355378	.0065563	2.071024	3.236483	.0197509
Stddev	.00538	.005599	.002387	.0000788	.004065	.007446	.0012226
%RSD	.0306610	.3636876	.6715825	1.202105	.1962894	.2300543	6.190062

#1	17.53175	1.533182	-.357914	.0066433	2.066966	3.244107	.0189306
#2	17.53567	1.541948	-.353176	.0064897	2.071011	3.236111	.0211560
#3	17.52504	1.543600	-.355044	.0065360	2.075096	3.229230	.0191660

Sample Name: I4779-01 Acquired: 8/16/2017 12:53:33 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v124) Mode: CONC Corr. Factor: 1.000000
 User: JASWAL Custom ID1: METH35 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.8389915	.0084082	.0384779
Stddev	.0012640	.0000015	.0000548
%RSD	.1506610	.0180870	.1424028

#1	.8378588	.0084076	.0385319
#2	.8403550	.0084071	.0384224
#3	.8387608	.0084099	.0384795

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1314.463	2036.647	50992.01	10413.73	2898.389
Stddev	6.340	7.008	250.63	14.29	4.584
%RSD	.4823059	.3440978	.4915067	.1372600	.1581474

#1	1316.723	2029.206	51108.94	10411.78	2893.101
#2	1319.362	2043.122	51162.81	10400.51	2901.228
#3	1307.303	2037.612	50704.29	10428.90	2900.839

Sample Name: I4779-02 Acquired: 8/16/2017 12:57:35 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v124) Mode: CONC Corr. Factor: 1.000000
 User: JASWAL Custom ID1: METH36 Custom ID2: Custom ID3:
 Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0891410	-.014042	.2343285	-.021366	.0033130	90.88889	2.054967
Stddev	.0011055	.001964	.0008325	.002935	.0005139	.31364	.007776
%RSD	1.240198	13.98424	.3552629	13.73569	15.51178	.3450818	.3784077

#1	.0902824	-.016285	.2343515	-.023669	.0039021	90.53831	2.046488
#2	.0890652	-.013206	.2351492	-.022367	.0030809	91.14286	2.061765
#3	.0880753	-.012634	.2334847	-.018062	.0029561	90.98551	2.056647

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0081126	.0392146	43.88240	.1204313	.0900746	.2440393	175.4024
Stddev	.0001636	.0002306	.09110	.0015931	.0000521	.0015909	.4805
%RSD	2.016170	.5879832	.2075949	1.322798	.0577954	.6518936	.2739241

#1	.0079249	.0392170	43.77729	.1186064	.0900792	.2422855	174.8696
#2	.0082242	.0389828	43.93860	.1215437	.0901243	.2453896	175.8029
#3	.0081888	.0394440	43.93129	.1211439	.0900205	.2444426	175.5346

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.239995	33.72481	.2089046	.0015798	1.272283	.2327732	1.715353
Stddev	.013344	.16954	.0010703	.0000962	.120471	.0048282	.024398
%RSD	.2546516	.5027194	.5123541	6.086432	9.468906	2.074194	1.422344

#1	5.224588	33.59748	.2091384	.0015726	1.191894	.2275232	1.687884
#2	5.247548	33.65970	.2077368	.0014875	1.410796	.2370228	1.734506
#3	5.247849	33.91726	.2098388	.0016794	1.214159	.2337737	1.723668

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	19.64474	1.049811	-.428764	.0032281	1.931285	3.328326	.0111032
Stddev	.09542	.001847	.001746	.0002446	.003131	.052642	.0005220
%RSD	.4857454	.1759806	.4071421	7.575926	.1620995	1.581643	4.701631

#1	19.54031	1.047735	-.428254	.0030255	1.929126	3.267773	.0107340
#2	19.66654	1.050426	-.430709	.0034997	1.929854	3.353995	.0117005
#3	19.72738	1.051273	-.427331	.0031589	1.934876	3.363209	.0108753

Sample Name: I4779-02 Acquired: 8/16/2017 12:57:35 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v124) Mode: CONC Corr. Factor: 1.000000
 User: JASWAL Custom ID1: METH36 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.7208367	.0115273	.0510919
Stddev	.0017283	.0000484	.0001550
%RSD	.2397691	.4203114	.3034118

#1	.7211850	.0114856	.0509487
#2	.7223643	.0115159	.0512565
#3	.7189607	.0115804	.0510705

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1326.918	2067.612	51596.14	10666.55	2839.179
Stddev	20.161	9.840	517.14	20.93	12.190
%RSD	1.519404	.4759090	1.002290	.1962563	.4293329

#1	1343.175	2056.263	52101.37	10689.78	2825.123
#2	1304.358	2072.824	51067.85	10660.71	2845.577
#3	1333.220	2073.750	51619.19	10649.15	2846.838

Sample Name: I4779-03 Acquired: 8/16/2017 13:01:39 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v124) Mode: CONC Corr. Factor: 1.000000
 User: JASWAL Custom ID1: METH37 Custom ID2: Custom ID3:
 Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0802137	-.015125	.3385626	-.018544	.0020665	88.31507	2.083297
Stddev	.0035207	.001906	.0028491	.001175	.0016998	.22289	.006631
%RSD	4.389124	12.60199	.8415282	6.333732	82.25366	.2523751	.3183161

#1	.0839128	-.014062	.3368111	-.019893	.0006571	88.20421	2.080376
#2	.0798246	-.017326	.3418501	-.017747	.0039541	88.57165	2.090887
#3	.0769038	-.013988	.3370267	-.017993	.0015882	88.16935	2.078627

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0078660	.0433648	44.50261	.1204876	.0920481	.2474786	169.1783
Stddev	.0000287	.0001978	.08206	.0008605	.0003922	.0006885	.2865
%RSD	.3648139	.4561022	.1843929	.7142258	.4260248	.2781992	.1693760

#1	.0078510	.0435931	44.41863	.1199928	.0916332	.2477783	168.9878
#2	.0078991	.0432543	44.58260	.1214813	.0924127	.2479664	169.5079
#3	.0078479	.0432469	44.50660	.1199888	.0920984	.2466910	169.0393

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.440586	31.59349	.2089031	.0012516	1.356537	.2309314	1.957314
Stddev	.009820	.14305	.0006247	.0001880	.020097	.0020499	.013762
%RSD	.1804867	.4527885	.2990539	15.01886	1.481504	.8876486	.7031246

#1	5.429830	31.51186	.2096159	.0014068	1.343516	.2326335	1.951725
#2	5.442857	31.75867	.2086430	.0010426	1.346412	.2286559	1.947224
#3	5.449071	31.50994	.2084505	.0013055	1.379683	.2315047	1.972991

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	19.87217	1.450677	-.410942	.0048017	1.948203	3.288807	.0172991
Stddev	.10659	.003280	.003012	.0005946	.004133	.020931	.0008915
%RSD	.5363629	.2261277	.7328783	12.38291	.2121416	.6364250	5.153681

#1	19.85537	1.452272	-.410630	.0042191	1.948528	3.300383	.0163386
#2	19.98616	1.452854	-.414097	.0054076	1.943918	3.301391	.0174584
#3	19.77498	1.446904	-.408098	.0047786	1.952164	3.264645	.0181002

Sample Name: I4779-03 Acquired: 8/16/2017 13:01:39 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v124) Mode: CONC Corr. Factor: 1.000000
 User: JASWAL Custom ID1: METH37 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.7273918	.0107812	.0476262
Stddev	.0041403	.0000666	.0001282
%RSD	.5691930	.6180451	.2692609

#1	.7247713	.0108312	.0475985
#2	.7321649	.0108067	.0477660
#3	.7252392	.0107055	.0475140

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1329.443	2056.504	51472.95	10551.12	2843.862
Stddev	5.604	5.062	109.50	33.76	2.018
%RSD	.4215426	.2461526	.2127262	.3199272	.0709543

#1	1325.575	2051.816	51431.63	10531.75	2841.541
#2	1335.870	2061.872	51390.13	10531.52	2845.198
#3	1326.885	2055.823	51597.10	10590.10	2844.847

Sample Name: I4779-04 Acquired: 8/16/2017 13:05:41 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v124) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: METH38 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0819458	-.014580	.3125649	-.023196	.0044906	101.1078	1.914136
Stddev	.0045365	.000046	.0032947	.003088	.0019423	2.9022	.058440
%RSD	5.535996	.3178741	1.054099	13.31437	43.25199	2.870381	3.053082

#1	.0855558	-.014621	.3099220	-.020695	.0056070	102.2214	1.932462
#2	.0834280	-.014530	.3115163	-.026648	.0056170	97.8138	1.848729
#3	.0768535	-.014589	.3162563	-.022246	.0022479	103.2883	1.961216

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0084962	.0554275	58.59934	.1313849	.1060374	.2387929	175.0821
Stddev	.0002408	.0000528	1.59600	.0009094	.0000343	.0074287	4.6491
%RSD	2.834501	.0952380	2.723587	.6921536	.0323484	3.110933	2.655378

#1	.0086413	.0554754	59.21088	.1314182	.1060761	.2403430	176.9346
#2	.0082182	.0554360	56.78800	.1322772	.1060107	.2307115	169.7924
#3	.0086291	.0553709	59.79915	.1304593	.1060253	.2453242	178.5195

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	6.371712	41.20578	.2142898	.0010590	1.116502	.2653958	2.011825
Stddev	.167717	1.03223	.0006055	.0002543	.110486	.0073657	.033534
%RSD	2.632209	2.505073	.2825720	24.01459	9.895757	2.775383	1.666830

#1	6.437823	41.59466	.2136336	.0012461	1.155529	.2670461	2.036552
#2	6.181015	40.03559	.2144091	.0007695	.991799	.2573449	1.973655
#3	6.496299	41.98709	.2148269	.0011616	1.202179	.2717964	2.025267

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	17.59555	.7521739	-.441563	-.000655	1.518753	3.721843	.0108436
Stddev	.50960	.0038224	.011399	.000266	.005274	.084859	.0006663
%RSD	2.896164	.5081800	2.581497	40.63513	.3472627	2.280032	6.144936

#1	17.73984	.7521423	-.446091	-.000597	1.521037	3.743994	.0100843
#2	17.02936	.7483673	-.428596	-.000422	1.512722	3.628105	.0113311
#3	18.01744	.7560119	-.450003	-.000945	1.522500	3.793429	.0111154

Sample Name: I4779-04 Acquired: 8/16/2017 13:05:41 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v124) Mode: CONC Corr. Factor: 1.000000
 User: JASWAL Custom ID1: METH38 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.7408081	.0117475	.0472672
Stddev	.0232314	.0004345	.0012713
%RSD	3.135951	3.698812	2.689671

#1	.7520244	.0117992	.0477800
#2	.7140968	.0112894	.0458196
#3	.7563030	.0121538	.0482021

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1341.413	2069.876	51390.49	10786.49	2821.129
Stddev	15.782	2.514	194.35	253.88	2.575
%RSD	1.176494	.1214733	.3781822	2.353653	.0912590

#1	1326.685	2067.511	51197.16	10668.83	2818.433
#2	1358.071	2069.601	51585.84	11077.85	2823.562
#3	1339.484	2072.517	51388.46	10612.79	2821.392

Sample Name: I4779-05 Acquired: 8/16/2017 13:09:42 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v124) Mode: CONC Corr. Factor: 1.000000
 User: JASWAL Custom ID1: METH39 Custom ID2: Custom ID3:
 Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0686787	-.019431	.1877670	-.025128	.0042192	125.4260	1.882318
Stddev	.0010108	.002608	.0033672	.002236	.0012714	.2095	.003787
%RSD	1.471804	13.42015	1.793300	8.897284	30.13227	.1669934	.2011748

#1	.0685874	-.020605	.1916302	-.027662	.0056870	125.4757	1.884439
#2	.0677167	-.021245	.1862167	-.023436	.0035077	125.6061	1.884569
#3	.0697321	-.016443	.1854543	-.024285	.0034630	125.1962	1.877947

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0092261	.0265390	53.63296	.1417240	.1074548	.2464591	205.5869
Stddev	.0001513	.0001728	.21657	.0018509	.0002224	.0014081	.5669
%RSD	1.639770	.6510077	.4037981	1.305959	.2069795	.5713436	.2757563

#1	.0091432	.0267290	53.56747	.1411270	.1076599	.2479183	205.4957
#2	.0094007	.0263914	53.87471	.1402453	.1074861	.2463506	206.1940
#3	.0091343	.0264965	53.45669	.1437997	.1072184	.2451084	205.0712

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	6.208735	40.47836	.2583119	.0015788	1.277855	.2683066	.9678100
Stddev	.024320	.12314	.0003294	.0004100	.099932	.0026721	.0031811
%RSD	.3917090	.3042125	.1275362	25.96881	7.820294	.9958965	.3286863

#1	6.208270	40.33619	.2583724	.0011875	1.210921	.2652396	.9669572
#2	6.233284	40.54749	.2586069	.0020052	1.392724	.2695485	.9713305
#3	6.184650	40.55140	.2579564	.0015437	1.229921	.2701318	.9651422

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	18.27649	.5164139	-.517773	-.001567	1.273293	2.718350	.0119067
Stddev	.01250	.0015172	.003971	.000563	.010264	.002671	.0017275
%RSD	.0683714	.2937879	.7669396	35.93074	.8060677	.0982495	14.50879

#1	18.29030	.5164019	-.514456	-.000977	1.274310	2.715780	.0118322
#2	18.26596	.5149028	-.522173	-.002098	1.262559	2.721112	.0102176
#3	18.27321	.5179370	-.516691	-.001626	1.283011	2.718157	.0136702

Sample Name: I4779-05 Acquired: 8/16/2017 13:09:42 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v124) Mode: CONC Corr. Factor: 1.000000
 User: JASWAL Custom ID1: METH39 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.4833753	.0152940	.0629289
Stddev	.0003621	.0000849	.0001560
%RSD	.0749169	.5549928	.2479299

#1	.4837438	.0153862	.0630769
#2	.4830198	.0152192	.0629439
#3	.4833625	.0152765	.0627659

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1314.738	2038.683	50810.50	10579.36	2774.757
Stddev	9.925	1.717	105.02	24.39	3.132
%RSD	.7548696	.0842388	.2066833	.2305096	.1128920

#1	1303.409	2040.665	50718.40	10556.13	2771.863
#2	1318.902	2037.635	50788.24	10577.20	2774.323
#3	1321.901	2037.748	50924.86	10604.76	2778.083

Sample Name: CCV020 Acquired: 8/16/2017 13:13:43 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v124) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: CCV020 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.834543	4.575404	23.34438	4.767867	4.796486	393.9102
Stddev	.028063	.023932	.09357	.020095	.016598	6.4781
%RSD	.5804678	.5230677	.4008095	.4214570	.3460392	1.644554

#1	4.839923	4.600989	23.41727	4.790158	4.809638	394.8366
#2	4.859527	4.571656	23.37699	4.762300	4.777837	399.8752
#3	4.804180	4.553566	23.23887	4.751142	4.801984	387.0188

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	9.499887	.4896423	2.378616	400.3154	14.51921	2.421531
Stddev	.142985	.0059749	.009986	4.1830	.02982	.010989
%RSD	1.505127	1.220252	.4198081	1.044916	.2054047	.4538107

#1	9.514529	.4925489	2.387931	400.5155	14.50174	2.430639
#2	9.634989	.4936077	2.379843	404.3948	14.50223	2.424628
#3	9.350144	.4827703	2.368073	396.0361	14.55364	2.409326

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	14.73658	399.9341	14.63610	403.3572	2.288561	1.317648
Stddev	.15816	4.0286	.13848	4.4331	.006556	.006058
%RSD	1.073240	1.007313	.9461322	1.099057	.2864679	.4597890

#1	14.84039	400.8679	14.64895	404.6379	2.296058	1.315539
#2	14.81481	403.4139	14.76770	407.0091	2.285724	1.324479
#3	14.55455	395.5206	14.49165	398.4248	2.283901	1.312927

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	401.2866	2.352239	15.57596	147.4402	F 6.094746	F 4.107232
Stddev	3.9990	.026370	.12081	1.4539	.009471	.055469
%RSD	.9965478	1.121073	.7756181	.9861275	.1553913	1.350529

#1	403.2117	2.358881	15.43727	148.4364	6.103764	4.137506
#2	403.9589	2.374653	15.65829	148.1125	6.095594	4.140976
#3	396.6891	2.323183	15.63231	145.7718	6.084880	4.043213

Sample Name: CCV020 Acquired: 8/16/2017 13:13:43 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v124) Mode: CONC Corr. Factor: 1.000000
 User: JASWAL Custom ID1: CCV020 Custom ID2: Custom ID3:
 Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.773276	5.014706	4.737494	4.735671	4.850472	6.018519
Stddev	.003777	.012878	.067725	.020945	.051544	.104524
%RSD	.0791209	.2568075	1.429555	.4422715	1.062666	1.736707
#1	4.777535	5.029061	4.774474	4.736452	4.870429	6.075766
#2	4.771957	5.004167	4.778678	4.756213	4.889055	6.081914
#3	4.770336	5.010890	4.659329	4.714346	4.791934	5.897877

Elem	Sr4077
Units	ppm
Avg	6.882333
Stddev	.077898
%RSD	1.131861
#1	6.933135
#2	6.921216
#3	6.792647

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	964.9425	1515.017	38449.31	8484.247	2092.772
Stddev	2.8280	.496	91.20	106.767	4.752
%RSD	.2930783	.0327690	.2372059	1.258419	.2270854
#1	966.1306	1514.454	38475.63	8436.903	2090.708
#2	961.7142	1515.207	38347.85	8409.339	2089.400
#3	966.9826	1515.391	38524.47	8606.500	2098.207

Sample Name: CCB020 Acquired: 8/16/2017 13:18:05 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v124) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: CCB020 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.001117	.0010201	.0004111	-.000579	-.000350	.0040842	-.004629
Stddev	.001021	.0011243	.0014703	.000976	.000206	.0056595	.000470
%RSD	91.38911	110.2213	357.6186	168.6781	58.88233	138.5704	10.14511

#1	-.002206	.0006883	.0000630	.000314	-.000587	.0079095	-.004734
#2	-.000180	.0022729	-.000854	-.000429	-.000224	-.002417	-.005037
#3	-.000966	.0000989	.002024	-.001622	-.000238	.006760	-.004116

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0000229	-.000120	.0108171	-.000663	-.000252	.0011571	-.000366
Stddev	.0000109	.000065	.0068640	.000271	.000193	.0009743	.004127
%RSD	47.51231	54.18017	63.45490	40.80292	76.66418	84.20449	1126.602

#1	.0000105	-.000106	.0184859	-.000351	-.000059	.0022798	.003598
#2	.0000311	-.000192	.0087163	-.000803	-.000252	.0005330	-.004640
#3	.0000270	-.000064	.0052490	-.000835	-.000445	.0006584	-.000058

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0002070	.0169068	.0000445	.0001990	-.089205	-.001051	-.001007
Stddev	.0004132	.0142940	.0002608	.0000569	.128934	.001386	.001100
%RSD	199.6139	84.54575	585.9005	28.57946	144.5356	131.8670	109.3165

#1	-.000138	.0007466	-.000221	.0001945	-.079062	-.001720	-.001430
#2	.000665	.0278943	.000301	.0001444	-.222911	-.001975	.000243
#3	.000095	.0220794	.000054	.0002579	.034357	.000542	-.001832

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.075559	-.000083	.0026075	.0003192	.0013157	-.003318	-.000274
Stddev	.021704	.000124	.0006875	.0004723	.0011539	.000464	.001222
%RSD	28.72434	150.5120	26.36580	147.9438	87.70845	13.97430	445.5468

#1	-.082918	.000057	.0029923	.0006519	.0003290	-.003852	-.001299
#2	-.051133	-.000125	.0030164	.0005272	.0010334	-.003089	.001078
#3	-.092627	-.000180	.0018138	-.000221	.0025845	-.003013	-.000601

Sample Name: CCB020 Acquired: 8/16/2017 13:18:05 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v124) Mode: CONC Corr. Factor: 1.000000
 User: JASWAL Custom ID1: CCB020 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.0006103	.0004805	.0001066
Stddev	.0003502	.0000336	.0000133
%RSD	57.39018	6.989012	12.43558

#1	.0004399	.0005035	.0001203
#2	.0010131	.0004420	.0001056
#3	.0003778	.0004960	.0000939

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1221.621	1914.900	47168.50	9032.802	3421.303
Stddev	13.947	7.990	189.02	62.310	14.362
%RSD	1.141688	.4172729	.4007322	.6898205	.4197684

#1	1213.260	1909.362	46986.49	8984.448	3411.986
#2	1213.882	1924.060	47155.18	9010.838	3437.842
#3	1237.722	1911.278	47363.82	9103.120	3414.080

Sample Name: I4779-06 Acquired: 8/16/2017 13:22:15 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v124) Mode: CONC Corr. Factor: 1.000000
 User: JASWAL Custom ID1: METH40 Custom ID2: Custom ID3:
 Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0691882	-.009709	.4623044	-.013314	.0036585	70.85483	1.497596
Stddev	.0036228	.002290	.0025394	.003336	.0015245	.06210	.002436
%RSD	5.236162	23.58534	.5492912	25.05476	41.67042	.0876447	.1626328

#1	.0662991	-.007382	.4651838	-.011037	.0021597	70.88559	1.500235
#2	.0732528	-.009786	.4613446	-.011763	.0052074	70.89555	1.495435
#3	.0680125	-.011960	.4603848	-.017143	.0036083	70.78336	1.497116

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0059583	.0523758	38.40509	.1035793	.0808092	.1952851	131.4545
Stddev	.0001389	.0001691	.15718	.0009730	.0008883	.0009232	.3678
%RSD	2.332088	.3228969	.4092772	.9394193	1.099217	.4727650	.2797634

#1	.0058726	.0525184	38.22412	.1026493	.0818248	.1956331	131.0361
#2	.0061186	.0524201	38.50757	.1034981	.0801773	.1959838	131.6004
#3	.0058836	.0521889	38.48357	.1045903	.0804255	.1942385	131.7269

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.191804	23.06452	.1454530	.0013139	.8642032	.1991469	2.460699
Stddev	.021567	.04394	.0013367	.0001308	.0975966	.0016120	.042321
%RSD	.4154053	.1904986	.9189782	9.952674	11.29324	.8094304	1.719878

#1	5.167631	23.01928	.1465630	.0013820	.8752456	.1982540	2.504260
#2	5.198707	23.06724	.1439692	.0013965	.9558089	.1981790	2.419738
#3	5.209075	23.10703	.1458268	.0011631	.7615551	.2010078	2.458099

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	14.97421	.8534656	-.324071	.0019667	2.365921	3.485683	.0124514
Stddev	.03725	.0066549	.005062	.0001755	.023138	.035825	.0013029
%RSD	.2487304	.7797543	1.561942	8.924296	.9779607	1.027769	10.46362

#1	14.97023	.8610482	-.319914	.0021691	2.392186	3.444791	.0122658
#2	15.01328	.8485943	-.329708	.0018744	2.357028	3.511540	.0138371
#3	14.93911	.8507545	-.322592	.0018566	2.348549	3.500719	.0112512

Sample Name: I4779-06 Acquired: 8/16/2017 13:22:15 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v124) Mode: CONC Corr. Factor: 1.000000
 User: JASWAL Custom ID1: METH40 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.6641533	.0083344	.0399525
Stddev	.0010076	.0000449	.0000584
%RSD	.1517163	.5391933	.1461275

#1	.6653088	.0083837	.0399867
#2	.6634576	.0083236	.0399858
#3	.6636936	.0082958	.0398851

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1276.434	1960.884	50025.88	10163.44	2897.146
Stddev	22.824	13.751	554.95	55.07	11.408
%RSD	1.788089	.7012657	1.109324	.5418106	.3937522

#1	1251.736	1970.604	49386.90	10182.02	2905.389
#2	1280.818	1966.898	50303.54	10101.49	2901.922
#3	1296.748	1945.151	50387.19	10206.82	2884.126

Sample Name: I4779-07 Acquired: 8/16/2017 13:26:16 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v124) Mode: CONC Corr. Factor: 1.000000
 User: JASWAL Custom ID1: METH41 Custom ID2: Custom ID3:
 Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0896335	-.013297	.5249631	-.021232	.0040198	90.22761	1.892154
Stddev	.0024518	.002430	.0089080	.003778	.0021093	.56845	.010058
%RSD	2.735336	18.27283	1.696880	17.79611	52.47328	.6300188	.5315540

#1	.0870321	-.014610	.5351789	-.023082	.0056899	89.95778	1.888489
#2	.0919015	-.014788	.5188156	-.016885	.0047201	89.84432	1.884442
#3	.0899670	-.010493	.5208949	-.023729	.0016494	90.88072	1.903530

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0073832	.0630069	37.79665	.1215409	.0987898	.2395622	159.7234
Stddev	.0000774	.0005436	.47743	.0007633	.0004066	.0023034	1.5140
%RSD	1.047792	.8627377	1.263159	.6280322	.4115585	.9615210	.9479164

#1	.0074517	.0636288	37.39427	.1220698	.0992586	.2390838	158.5376
#2	.0073985	.0627699	37.67148	.1206658	.0985764	.2375355	159.2037
#3	.0072993	.0626221	38.32420	.1218870	.0985343	.2420672	161.4288

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	6.257925	27.85259	.1755843	.0012416	1.046383	.2408694	2.651675
Stddev	.069965	.23511	.0019653	.0000067	.077453	.0029785	.013310
%RSD	1.118017	.8441163	1.119290	.5412513	7.401948	1.236577	.5019514

#1	6.194614	27.65048	.1775077	.0012485	1.061175	.2381511	2.636307
#2	6.246120	27.79667	.1756654	.0012351	1.115374	.2404037	2.659517
#3	6.333041	28.11061	.1735797	.0012412	.962601	.2440533	2.659202

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	16.79614	.8184561	-.397909	.0015190	1.631911	3.858542	.0133404
Stddev	.07566	.0082194	.004790	.0004200	.013679	.027379	.0017003
%RSD	.4504412	1.004263	1.203795	27.65262	.8382022	.7095701	12.74552

#1	16.78843	.8278091	-.394886	.0010567	1.647706	3.858779	.0152719
#2	16.72463	.8151764	-.395410	.0016233	1.624057	3.831045	.0126792
#3	16.87535	.8123828	-.403432	.0018772	1.623970	3.885801	.0120699

Sample Name: I4779-07 Acquired: 8/16/2017 13:26:16 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v124) Mode: CONC Corr. Factor: 1.000000
 User: JASWAL Custom ID1: METH41 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.6723943	.0101398	.0484387
Stddev	.0049504	.0000308	.0003204
%RSD	.7362346	.3032362	.6613533

#1	.6691128	.0101753	.0484446
#2	.6699816	.0101225	.0481155
#3	.6780885	.0101216	.0487561

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1295.864	2028.754	50226.25	10389.48	2869.456
Stddev	1.454	20.706	96.01	74.61	30.059
%RSD	.1122252	1.020641	.1911629	.7181749	1.047566

#1	1296.378	2004.883	50117.13	10409.41	2835.633
#2	1294.222	2039.518	50297.79	10452.11	2879.619
#3	1296.991	2041.861	50263.83	10306.93	2893.117

Sample Name: I4779-08 Acquired: 8/16/2017 13:30:17 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v124) Mode: CONC Corr. Factor: 1.000000
 User: JASWAL Custom ID1: METH42 Custom ID2: Custom ID3:
 Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0775216	-.011324	.4661020	-.012980	.0023903	82.28425	1.732793
Stddev	.0008641	.001343	.0008620	.004133	.0018290	.13137	.010494
%RSD	1.114676	11.85995	.1849343	31.83990	76.51867	.1596563	.6056342

#1	.0765405	-.009788	.4661046	-.008751	.0043703	82.35060	1.740256
#2	.0778544	-.012277	.4669627	-.013179	.0007639	82.36922	1.737329
#3	.0781697	-.011908	.4652387	-.017010	.0020366	82.13294	1.720794

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0067965	.0573921	34.04760	.1104453	.0890835	.2178901	144.6789
Stddev	.0001005	.0002668	.10241	.0008718	.0003981	.0020918	.3321
%RSD	1.479323	.4648539	.3007957	.7893907	.4468403	.9600438	.2295673

#1	.0066970	.0576018	33.99402	.1112635	.0894405	.2199834	144.6360
#2	.0068981	.0574826	33.98310	.1095282	.0891557	.2178871	144.3702
#3	.0067945	.0570918	34.16569	.1105442	.0886543	.2157998	145.0304

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.630877	25.19563	.1565206	.0018427	.9120156	.2225846	2.437452
Stddev	.010713	.02380	.0014034	.0004868	.0579623	.0013273	.031314
%RSD	.1902479	.0944672	.8966443	26.41476	6.355405	.5963175	1.284685

#1	5.626784	25.16854	.1575840	.0023457	.9533561	.2215154	2.472310
#2	5.622813	25.20518	.1570478	.0018085	.9369289	.2221682	2.411702
#3	5.643032	25.21318	.1549299	.0013740	.8457619	.2240702	2.428345

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	15.80134	.7631265	-.357572	.0010191	1.372089	3.399925	.0108340
Stddev	.03562	.0025820	.000932	.0001728	.012600	.030951	.0014710
%RSD	.2254198	.3383486	.2605884	16.95755	.9182819	.9103448	13.57745

#1	15.78427	.7660362	-.358189	.0010213	1.386549	3.368803	.0094307
#2	15.84228	.7611086	-.358027	.0008453	1.366243	3.400272	.0107070
#3	15.77746	.7622348	-.356500	.0011909	1.363474	3.430702	.0123644

Sample Name: I4779-08 Acquired: 8/16/2017 13:30:17 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v124) Mode: CONC Corr. Factor: 1.000000
 User: JASWAL Custom ID1: METH42 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.6305740	.0092650	.0450332
Stddev	.0010123	.0000750	.0000993
%RSD	.1605407	.8092169	.2204186

#1	.6304009	.0092931	.0451471
#2	.6316617	.0093219	.0449872
#3	.6296593	.0091801	.0449653

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1312.761	2031.908	50716.31	10370.84	2919.417
Stddev	19.946	13.837	307.74	13.50	20.037
%RSD	1.519377	.6809657	.6067884	.1301948	.6863305

#1	1290.052	2025.873	50360.97	10357.06	2915.499
#2	1320.792	2022.114	50891.93	10371.42	2901.628
#3	1327.440	2047.737	50896.02	10384.05	2941.123

Sample Name: I4779-09 Acquired: 8/16/2017 13:34:19 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v124) Mode: CONC Corr. Factor: 1.000000
 User: JASWAL Custom ID1: METH43 Custom ID2: Custom ID3:
 Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0712657	-.011078	.2974641	-.015727	.0030166	93.03255	1.846379
Stddev	.0009755	.000940	.0017490	.001785	.0024676	.13773	.007391
%RSD	1.368784	8.484745	.5879610	11.34839	81.79871	.1480482	.4002922

#1	.0717677	-.012159	.2963396	-.015005	.0003414	93.18062	1.846757
#2	.0718879	-.010452	.2965735	-.017760	.0035050	93.00879	1.853574
#3	.0701414	-.010624	.2994791	-.014416	.0052035	92.90825	1.838807

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0070641	.0483983	37.70414	.1159370	.0885984	.1999962	153.3622
Stddev	.0001005	.0000440	.27365	.0005928	.0002086	.0016924	.3838
%RSD	1.422262	.0909985	.7257952	.5113401	.2354329	.8462078	.2502671

#1	.0071695	.0483476	37.56630	.1161465	.0883732	.2016200	153.4770
#2	.0069693	.0484269	37.52681	.1163967	.0887849	.2001258	152.9340
#3	.0070536	.0484204	38.01931	.1152679	.0886371	.1982427	153.6755

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.485002	28.35210	.1774316	.0012765	.9851087	.2347683	2.016615
Stddev	.026069	.09149	.0004100	.0000829	.0513581	.0027298	.012201
%RSD	.4752848	.3226896	.2310951	6.496466	5.213440	1.162743	.6050083

#1	5.493978	28.45577	.1770337	.0013199	.9701752	.2318450	2.003814
#2	5.455631	28.28267	.1778528	.0013288	1.042278	.2352091	2.028110
#3	5.505398	28.31786	.1774084	.0011809	.942872	.2372509	2.017920

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	15.19418	.6930579	-.375059	.0004520	1.177364	3.620336	.0125027
Stddev	.06809	.0008867	.005274	.0001073	.001277	.031230	.0021786
%RSD	.4481489	.1279440	1.406131	23.73511	.1084470	.8626208	17.42487

#1	15.24922	.6929472	-.378189	.0005727	1.176481	3.651826	.0112866
#2	15.11803	.6939948	-.368970	.0003675	1.178828	3.589373	.0112036
#3	15.21528	.6922318	-.378019	.0004158	1.176784	3.619810	.0150178

Sample Name: I4779-09 Acquired: 8/16/2017 13:34:19 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v124) Mode: CONC Corr. Factor: 1.000000
 User: JASWAL Custom ID1: METH43 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.6480588	.0101555	.0499510
Stddev	.0020790	.0000668	.0002151
%RSD	.3208009	.6577333	.4306230

#1	.6502591	.0102049	.0501985
#2	.6477901	.0101822	.0498093
#3	.6461272	.0100795	.0498450

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1321.789	2041.529	50901.54	10417.28	2901.160
Stddev	9.511	6.264	188.47	37.97	7.128
%RSD	.7195228	.3068429	.3702737	.3644864	.2456890

#1	1324.045	2038.485	50881.68	10373.70	2894.220
#2	1311.353	2037.368	50723.78	10443.19	2900.799
#3	1329.968	2048.734	51099.16	10434.97	2908.462

Sample Name: I4779-10 Acquired: 8/16/2017 13:38:21 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v124) Mode: CONC Corr. Factor: 1.000000
 User: JASWAL Custom ID1: METH44 Custom ID2: Custom ID3:
 Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0688796	-.012902	.2511085	-.016185	.0027123	96.39454	1.744996
Stddev	.0010182	.000757	.0017186	.002675	.0018403	.31758	.007774
%RSD	1.478276	5.869969	.6844022	16.52803	67.84936	.3294564	.4455109

#1	.0677203	-.013097	.2504098	-.013102	.0039061	96.62387	1.753160
#2	.0696290	-.013542	.2498494	-.017570	.0036377	96.03206	1.737682
#3	.0692895	-.012066	.2530664	-.017885	.0005930	96.52768	1.744147

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0073064	.0356860	36.96509	.1135894	.0806339	.1818733	156.4174
Stddev	.0001765	.0002832	.14791	.0011842	.0003520	.0008948	.3993
%RSD	2.415775	.7934792	.4001362	1.042501	.4365382	.4919966	.2552994

#1	.0075080	.0356434	36.79430	.1149523	.0808092	.1827754	156.0759
#2	.0071798	.0354265	37.05162	.1130034	.0802287	.1809859	156.3198
#3	.0072314	.0359880	37.04934	.1128124	.0808638	.1818587	156.8564

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.500569	28.12602	.1887383	.0010668	1.002991	.2264696	1.568016
Stddev	.019205	.12048	.0014589	.0001085	.024546	.0024554	.021846
%RSD	.4267234	.4283556	.7729641	10.17405	2.447308	1.084208	1.393236

#1	4.481374	28.06490	.1901109	.0010687	.998775	.2255360	1.543384
#2	4.500550	28.04836	.1872062	.0009574	1.029372	.2292548	1.575621
#3	4.519784	28.26481	.1888980	.0011744	.980826	.2246179	1.585043

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	13.47679	.6672418	-.392169	.0000592	1.226740	4.068634	.0099333
Stddev	.09742	.0075811	.005472	.0005615	.012862	.044390	.0018530
%RSD	.7228836	1.136178	1.395230	948.2651	1.048486	1.091019	18.65448

#1	13.54666	.6756517	-.397761	.0006807	1.241283	4.118880	.0077947
#2	13.36550	.6609325	-.386826	-.000092	1.222076	4.034739	.0110597
#3	13.51819	.6651412	-.391921	-.000411	1.216859	4.052282	.0109456

Sample Name: I4779-10 Acquired: 8/16/2017 13:38:21 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v124) Mode: CONC Corr. Factor: 1.000000
 User: JASWAL Custom ID1: METH44 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.7189628	.0101957	.0489504
Stddev	.0032608	.0001502	.0002174
%RSD	.4535370	1.473646	.4440323
#1	.7214047	.0102553	.0490895
#2	.7202238	.0100248	.0486999
#3	.7152598	.0103070	.0490617

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1323.272	2082.362	51039.92	10568.80	2916.770
Stddev	17.400	7.011	318.21	67.31	9.703
%RSD	1.314898	.3366901	.6234580	.6369170	.3326506
#1	1343.101	2074.267	51391.79	10536.34	2906.579
#2	1316.161	2086.452	50955.64	10646.20	2925.896
#3	1310.555	2086.369	50772.34	10523.87	2917.835

Sample Name: I4779-11 Acquired: 8/16/2017 13:42:24 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v124) Mode: CONC Corr. Factor: 1.000000
 User: JASWAL Custom ID1: METH45 Custom ID2: Custom ID3:
 Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0666248	-.010401	.6635363	-.016945	.0032233	79.18876	1.626498
Stddev	.0014306	.002101	.0020085	.002600	.0007694	.21107	.005497
%RSD	2.147293	20.19994	.3026980	15.34101	23.87150	.2665422	.3379908

#1	.0666285	-.010177	.6616822	-.019407	.0030240	78.95404	1.621600
#2	.0680536	-.012605	.6632568	-.014227	.0025730	79.24929	1.625451
#3	.0651924	-.008421	.6656700	-.017202	.0040727	79.36296	1.632444

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0063647	.0548848	36.05630	.1496186	.0885210	.2742411	145.9030
Stddev	.0002124	.0002942	.22886	.0006049	.0005731	.0006427	.7704
%RSD	3.337764	.5359870	.6347271	.4043208	.6473842	.2343708	.5279973

#1	.0061513	.0546992	36.31038	.1495141	.0878849	.2746649	146.7248
#2	.0063668	.0547311	35.99219	.1502690	.0889970	.2745569	145.7872
#3	.0065762	.0552239	35.86634	.1490728	.0886812	.2735015	145.1972

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.631907	25.61141	.1667011	.0014146	.9671271	.2203401	2.632599
Stddev	.036234	.08701	.0001163	.0002590	.0669359	.0045859	.052338
%RSD	.6433678	.3397235	.0697525	18.31191	6.921107	2.081271	1.988058

#1	5.670467	25.66873	.1667839	.0013549	1.011164	.2241223	2.690757
#2	5.626687	25.51129	.1665681	.0011906	.890100	.2216587	2.617747
#3	5.598566	25.65421	.1667511	.0016983	1.000117	.2152394	2.589292

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	17.53081	.9671036	-.362328	.0029967	2.986730	4.656095	.0143464
Stddev	.14715	.0018697	.005732	.0001885	.010168	.057014	.0007977
%RSD	.8393717	.1933279	1.582055	6.291398	.3404312	1.224496	5.560282

#1	17.36241	.9689688	-.355770	.0031118	2.990543	4.590373	.0151934
#2	17.63463	.9652295	-.364826	.0030992	2.975207	4.692276	.0136093
#3	17.59538	.9671126	-.366386	.0027791	2.994441	4.685636	.0142366

Sample Name: I4779-11 Acquired: 8/16/2017 13:42:24 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v124) Mode: CONC Corr. Factor: 1.000000
 User: JASWAL Custom ID1: METH45 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.7215717	.0093345	.0438789
Stddev	.0034861	.0001189	.0002101
%RSD	.4831213	1.273339	.4788431

#1	.7255716	.0092326	.0436616
#2	.7191804	.0093059	.0438942
#3	.7199630	.0094650	.0440810

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1248.750	1952.540	49401.88	10138.53	2872.516
Stddev	17.141	29.381	420.28	20.16	34.614
%RSD	1.372623	1.504761	.8507412	.1988927	1.204995

#1	1229.824	1918.671	48954.90	10157.84	2832.947
#2	1253.199	1967.764	49461.68	10140.13	2897.186
#3	1263.228	1971.184	49789.06	10117.61	2887.414

Sample Name: I4779-12 Acquired: 8/16/2017 13:46:27 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v124) Mode: CONC Corr. Factor: 1.000000
 User: JASWAL Custom ID1: METH46 Custom ID2: Custom ID3:
 Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0836521	-.012472	.4862224	-.018161	.0028828	86.52860	1.904311
Stddev	.0007039	.002814	.0019435	.005253	.0013139	.06547	.000624
%RSD	.8415224	22.56062	.3997138	28.92107	45.57743	.0756643	.0327642

#1	.0829272	-.010094	.4854945	-.023499	.0018265	86.55219	1.904802
#2	.0843330	-.011745	.4884248	-.017988	.0024679	86.57901	1.903609
#3	.0836963	-.015578	.4847480	-.012998	.0043542	86.45461	1.904523

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0070168	.0656112	34.07948	.1178138	.0973395	.2585065	153.7575
Stddev	.0000832	.0003377	.34135	.0015847	.0006049	.0019524	1.0024
%RSD	1.186015	.5147396	1.001636	1.345117	.6214535	.7552723	.6519166

#1	.0069495	.0659800	33.90458	.1180419	.0969998	.2563517	153.0975
#2	.0071098	.0653172	34.47283	.1161274	.0980379	.2590097	154.9110
#3	.0069910	.0655363	33.86102	.1192722	.0969808	.2601580	153.2641

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	6.442687	26.72796	.1791676	.0016424	1.017012	.2326322	2.652486
Stddev	.059068	.12824	.0006158	.0001285	.023571	.0017026	.022825
%RSD	.9168205	.4797962	.3436825	7.823127	2.317690	.7318870	.8605033

#1	6.405548	26.59955	.1784731	.0016601	.997252	.2323026	2.675254
#2	6.510800	26.85603	.1796471	.0017611	1.010684	.2344755	2.652598
#3	6.411714	26.72830	.1793825	.0015060	1.043102	.2311185	2.629605

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	16.65684	.8407885	-.386143	.0015074	1.434597	4.399787	.0128667
Stddev	.00908	.0031839	.002970	.0004594	.002573	.036244	.0006871
%RSD	.0545097	.3786785	.7690916	30.47718	.1793589	.8237781	5.339890

#1	16.66278	.8421772	-.385027	.0020237	1.436652	4.357944	.0121181
#2	16.64639	.8430422	-.383893	.0011435	1.435428	4.419976	.0134686
#3	16.66135	.8371461	-.389509	.0013551	1.431711	4.421440	.0130133

Sample Name: I4779-12 Acquired: 8/16/2017 13:46:27 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v124) Mode: CONC Corr. Factor: 1.000000
 User: JASWAL Custom ID1: METH46 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.6707808	.0096286	.0477129
Stddev	.0026203	.0000446	.0000233
%RSD	.3906306	.4635364	.0487737

#1	.6682537	.0096705	.0476878
#2	.6734853	.0095817	.0477338
#3	.6706034	.0096335	.0477172

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1293.616	2017.734	50161.52	10332.01	2893.895
Stddev	18.956	4.551	657.49	42.88	2.395
%RSD	1.465321	.2255354	1.310737	.4149743	.0827776

#1	1271.822	2022.034	49556.99	10291.02	2895.528
#2	1306.268	2018.201	50861.52	10376.55	2895.012
#3	1302.759	2012.968	50066.04	10328.47	2891.145

Sample Name: I4779-13 Acquired: 8/16/2017 13:50:30 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v124) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: METH46D Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0793874	-.013183	.4830881	-.017153	.0026801	85.97816	1.892681
Stddev	.0027941	.001912	.0030045	.002509	.0014875	.85732	.018382
%RSD	3.519547	14.49999	.6219262	14.62810	55.50121	.9971414	.9712071

#1	.0764648	-.015354	.4818898	-.015359	.0016681	85.64735	1.888623
#2	.0820323	-.012443	.4808677	-.016079	.0043880	85.33553	1.876668
#3	.0796650	-.011752	.4865068	-.020020	.0019843	86.95161	1.912753

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0070344	.0654526	34.03296	.1164264	.0968216	.2567501	153.7509
Stddev	.0001306	.0006905	.42727	.0004144	.0002961	.0046898	1.9576
%RSD	1.856461	1.055016	1.255461	.3559208	.3058645	1.826607	1.273218

#1	.0071505	.0654596	33.80303	.1162516	.0967170	.2535582	152.5063
#2	.0068930	.0647586	33.76989	.1168996	.0965920	.2545575	152.7390
#3	.0070599	.0661396	34.52596	.1161281	.0971559	.2621346	156.0073

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	6.444251	26.55640	.1788395	.0017895	1.058374	.2295876	2.647491
Stddev	.077469	.29868	.0014105	.0003412	.014645	.0044469	.041494
%RSD	1.202144	1.124706	.7886720	19.06906	1.383751	1.936924	1.567280

#1	6.401107	26.43867	.1777154	.0014745	1.070163	.2293346	2.606535
#2	6.397959	26.33452	.1783810	.0017419	1.041979	.2252726	2.689502
#3	6.533686	26.89600	.1804222	.0021520	1.062978	.2341557	2.646434

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	16.51567	.8395860	-.384304	.0017043	1.431256	4.356238	.0124931
Stddev	.17489	.0073025	.002554	.0004496	.001506	.046472	.0006909
%RSD	1.058915	.8697800	.6646999	26.38007	.1052092	1.066797	5.529884

#1	16.53750	.8379957	-.384451	.0021501	1.431681	4.368470	.0121160
#2	16.33090	.8332097	-.381679	.0012510	1.429583	4.304873	.0132904
#3	16.67862	.8475527	-.386782	.0017118	1.432503	4.395371	.0120729

Sample Name: I4779-13 Acquired: 8/16/2017 13:50:30 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v124) Mode: CONC Corr. Factor: 1.000000
 User: JASWAL Custom ID1: METH46D Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.6706857	.0096319	.0473583
Stddev	.0083944	.0000662	.0004093
%RSD	1.251613	.6874863	.8642340

#1	.6670253	.0096752	.0471630
#2	.6647431	.0095557	.0470832
#3	.6802888	.0096648	.0478287

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1305.422	2008.123	50668.08	10446.44	2876.485
Stddev	14.893	14.680	208.56	60.70	14.757
%RSD	1.140889	.7310357	.4116119	.5810173	.5130200

#1	1314.057	1995.944	50785.17	10439.52	2860.286
#2	1288.225	2004.003	50427.29	10510.30	2880.003
#3	1313.984	2024.423	50791.77	10389.50	2889.164

Sample Name: I4779-14 Acquired: 8/16/2017 13:54:31 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v124) Mode: CONC Corr. Factor: 1.000000
 User: JASWAL Custom ID1: METH46S Custom ID2: Custom ID3:
 Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1456805	.1109189	.4965565	.0593628	.0600714	91.48078	5.617825
Stddev	.0030137	.0031817	.0059850	.0019313	.0020097	.25247	.015906
%RSD	2.068702	2.868523	1.205303	3.253332	3.345561	.2759842	.2831295

#1	.1491048	.1110129	.4930381	.0589294	.0615750	91.76316	5.636152
#2	.1445049	.1076912	.4931645	.0576850	.0577888	91.40232	5.609699
#3	.1434318	.1140526	.5034671	.0614739	.0608505	91.27684	5.607623

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0935829	.1559854	33.53695	.4977952	1.062045	.7113195	154.1588
Stddev	.0019702	.0010436	.22112	.0020095	.006555	.0032896	.7283
%RSD	2.105268	.6690658	.6593202	.4036875	.6172166	.4624618	.4724442

#1	.0958155	.1554122	33.29767	.4999771	1.060905	.7143595	153.3268
#2	.0928447	.1553541	33.73373	.4973880	1.056135	.7078272	154.6807
#3	.0920883	.1571901	33.57946	.4960204	1.069096	.7117719	154.4690

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	6.873576	26.57287	1.114464	.0406701	1.083437	1.129924	3.527873
Stddev	.029942	.01984	.007452	.0004101	.090917	.003916	.102100
%RSD	.4356153	.0746780	.6686550	1.008334	8.391575	.3465780	2.894101

#1	6.839019	26.55000	1.111681	.0403878	1.056458	1.125402	3.410087
#2	6.889888	26.58307	1.108805	.0411405	1.009063	1.132219	3.591158
#3	6.891820	26.58555	1.122907	.0404820	1.184791	1.132150	3.582374

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	16.64581	.8226905	-.385458	.0019233	1.411379	4.237592	.0151918
Stddev	.10812	.0057699	.005453	.0003418	.021521	.061966	.0018828
%RSD	.6495034	.7013485	1.414611	17.77356	1.524852	1.462284	12.39387

#1	16.77052	.8173585	-.391136	.0023110	1.414122	4.306736	.0143709
#2	16.58847	.8218969	-.384978	.0016655	1.388618	4.218960	.0173457
#3	16.57844	.8288162	-.380262	.0017932	1.431398	4.187080	.0138587

Sample Name: I4779-14 Acquired: 8/16/2017 13:54:31 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v124) Mode: CONC Corr. Factor: 1.000000
 User: JASWAL Custom ID1: METH46S Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.7168628	.0096284	.0465935
Stddev	.0022688	.0000467	.0001283
%RSD	.3164879	.4851301	.2752674

#1	.7147178	.0096815	.0467416
#2	.7192378	.0096100	.0465171
#3	.7166329	.0095937	.0465219

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1282.396	1991.111	50046.15	10336.10	2867.775
Stddev	20.855	12.668	376.95	79.12	12.482
%RSD	1.626289	.6362327	.7531996	.7654706	.4352566

#1	1306.296	1979.886	50459.15	10246.34	2857.604
#2	1267.891	1988.600	49958.64	10395.74	2864.016
#3	1272.999	2004.846	49720.66	10366.21	2881.704

Sample Name: I4779-12LX5 Acquired: 8/16/2017 13:58:27 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v124) Mode: CONC Corr. Factor: 1.000000
 User: JASWAL Custom ID1: METH46L Custom ID2: Custom ID3:
 Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0160712	-.002673	.1038015	-.002818	.0013557	18.82903	.4101110
Stddev	.0044823	.001699	.0015361	.001696	.0004025	.00297	.0018040
%RSD	27.89026	63.54075	1.479886	60.17199	29.68497	.0157658	.4398910

#1	.0210410	-.003853	.1055494	-.002036	.0018177	18.83108	.4120093
#2	.0123346	-.000726	.1026659	-.004764	.0010808	18.82562	.4084190
#3	.0148380	-.003441	.1031893	-.001654	.0011688	18.83038	.4099047

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0015782	.0131556	7.527351	.0257308	.0192335	.0590886	34.71110
Stddev	.0000657	.0003309	.091771	.0007261	.0005180	.0009562	.31842
%RSD	4.160957	2.515654	1.219165	2.821944	2.693240	1.618332	.9173504

#1	.0016438	.0135174	7.483820	.0263930	.0198175	.0590356	34.60185
#2	.0015782	.0128680	7.465447	.0249543	.0188296	.0600703	34.46169
#3	.0015124	.0130815	7.632787	.0258451	.0190535	.0581600	35.06977

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.456859	5.944551	.0367048	.0003412	.1926621	.0505158	.5733470
Stddev	.012111	.043404	.0011577	.0003137	.0688853	.0001757	.0157475
%RSD	.8313324	.7301403	3.154219	91.93695	35.75449	.3478672	2.746600

#1	1.450477	5.895478	.0380278	.0000878	.2576590	.0505814	.5740172
#2	1.449274	5.960266	.0358774	.0006921	.1998717	.0506493	.5572750
#3	1.470827	5.977907	.0362090	.0002438	.1204554	.0503167	.5887487

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	3.556101	.1663598	-.093227	-.000089	.2832200	1.027235	.0030408
Stddev	.031788	.0040541	.000599	.000378	.0054135	.008476	.0006229
%RSD	.8938873	2.436938	.6422571	426.3617	1.911399	.8251494	20.48606

#1	3.553293	.1709023	-.093297	-.000240	.2891417	1.027622	.0037055
#2	3.525810	.1631088	-.092597	-.000368	.2785254	1.018572	.0029464
#3	3.589199	.1650683	-.093788	.000342	.2819929	1.035511	.0024704

Sample Name: I4779-12LX5 Acquired: 8/16/2017 13:58:27 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v124) Mode: CONC Corr. Factor: 1.000000
 User: JASWAL Custom ID1: METH46L Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.1497497	.0020716	.0105940
Stddev	.0007210	.0000177	.0000359
%RSD	.4814675	.8564887	.3390514

#1	.1490638	.0020849	.0106354
#2	.1505013	.0020784	.0105719
#3	.1496841	.0020514	.0105747

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1256.045	1913.303	48298.03	9393.599	3173.946
Stddev	18.460	34.249	756.89	35.490	61.774
%RSD	1.469728	1.790044	1.567118	.3778071	1.946297

#1	1242.929	1874.327	47801.62	9361.421	3103.796
#2	1277.155	1938.592	49169.18	9387.713	3220.218
#3	1248.051	1926.990	47923.30	9431.664	3197.822

Sample Name: I4779-15 Acquired: 8/16/2017 14:02:31 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v124) Mode: CONC Corr. Factor: 1.000000
 User: JASWAL Custom ID1: METH47 Custom ID2: Custom ID3:
 Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0983722	-.016155	.3581910	-.026124	.0043474	93.62224	1.904718
Stddev	.0034637	.001848	.0028668	.004206	.0022980	.16872	.004046
%RSD	3.521065	11.43954	.8003478	16.10178	52.85941	.1802178	.2124306

#1	.1000423	-.018288	.3571359	-.029638	.0017583	93.56217	1.900250
#2	.1006846	-.015015	.3614358	-.027270	.0061451	93.81278	1.908135
#3	.0943899	-.015163	.3560013	-.021463	.0051389	93.49178	1.905769

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0077885	.0572775	32.09481	.1157278	.0985077	.2312156	187.3356
Stddev	.0000618	.0003661	.03037	.0007344	.0006312	.0013938	.0487
%RSD	.7938778	.6390909	.0946346	.6345901	.6407840	.6027930	.0259989

#1	.0077347	.0575312	32.06177	.1165466	.0992101	.2296198	187.2851
#2	.0078561	.0574434	32.12152	.1155093	.0979879	.2321940	187.3393
#3	.0077748	.0568578	32.10114	.1151274	.0983252	.2318330	187.3823

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	6.002877	27.71303	.1759518	.0016809	1.186977	.2412643	2.237024
Stddev	.002710	.11078	.0009299	.0003345	.095612	.0007442	.016558
%RSD	.0451471	.3997520	.5284726	19.89726	8.055056	.3084565	.7402007

#1	6.000123	27.67722	.1766332	.0015926	1.297080	.2419664	2.222434
#2	6.002967	27.83729	.1763299	.0013995	1.138960	.2413421	2.255021
#3	6.005541	27.62459	.1748925	.0020507	1.124891	.2404842	2.233618

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	15.93673	.8423694	-.476987	.0008710	1.191965	3.986923	.0123711
Stddev	.09002	.0086437	.001258	.0000963	.015277	.006717	.0021180
%RSD	.5648688	1.026113	.2638335	11.05852	1.281705	.1684643	17.12025

#1	15.84875	.8519290	-.477129	.0007965	1.209380	3.981043	.0099340
#2	16.02866	.8400741	-.478168	.0009797	1.185698	3.994243	.0134124
#3	15.93277	.8351051	-.475663	.0008366	1.180818	3.985483	.0137669

Sample Name: I4779-15 Acquired: 8/16/2017 14:02:31 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v124) Mode: CONC Corr. Factor: 1.000000
 User: JASWAL Custom ID1: METH47 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.6639417	.0101723	.0493607
Stddev	.0011861	.0000891	.0000981
%RSD	.1786407	.8762784	.1988060

#1	.6635114	.0101655	.0493438
#2	.6652829	.0102646	.0494661
#3	.6630309	.0100867	.0492721

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1285.349	2018.033	50262.75	10409.13	2861.805
Stddev	6.074	31.944	207.77	19.86	31.884
%RSD	.4725902	1.582948	.4133643	.1908039	1.114139

#1	1289.513	2019.924	50245.37	10395.75	2853.019
#2	1278.379	2048.990	50064.22	10399.68	2897.161
#3	1288.155	1985.185	50478.67	10431.95	2835.234

Sample Name: I4779-16 Acquired: 8/16/2017 14:06:32 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v124) Mode: CONC Corr. Factor: 1.000000
 User: JASWAL Custom ID1: METH48 Custom ID2: Custom ID3:
 Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0615557	-.014588	.1556650	-.020931	.0030718	105.5879	1.637800
Stddev	.0040154	.001896	.0026608	.001071	.0018208	.1284	.005431
%RSD	6.523147	12.99795	1.709318	5.117763	59.27491	.1216492	.3315997

#1	.0577401	-.013601	.1571928	-.019752	.0040364	105.6260	1.644055
#2	.0657448	-.013389	.1525926	-.021844	.0042072	105.6929	1.634287
#3	.0611823	-.016774	.1572096	-.021197	.0009716	105.4447	1.635057

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0075780	.0295495	32.24308	.1280310	.0824005	.1878918	166.3715
Stddev	.0001378	.0000614	.27123	.0001703	.0005555	.0015815	.9629
%RSD	1.818372	.2077924	.8412099	.1330096	.6741913	.8417288	.5787571

#1	.0077265	.0295089	31.95416	.1278375	.0817613	.1872691	165.2847
#2	.0075531	.0295195	32.28283	.1281581	.0827670	.1896899	166.7115
#3	.0074543	.0296202	32.49224	.1280973	.0826731	.1867164	167.1183

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.150682	29.00921	.2070964	.0008431	1.105802	.2320909	1.319128
Stddev	.020475	.00770	.0002408	.0003323	.039784	.0030452	.033789
%RSD	.4932804	.0265294	.1162876	39.41874	3.597750	1.312086	2.561495

#1	4.127914	29.00973	.2072253	.0004936	1.150913	.2338610	1.282878
#2	4.156549	29.01663	.2068186	.0011551	1.090763	.2285746	1.324756
#3	4.167583	29.00126	.2072454	.0008807	1.075730	.2338371	1.349751

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	13.10143	.6598144	-.419745	-.000255	1.211894	3.947017	.0108158
Stddev	.09047	.0013284	.005694	.000402	.004328	.038330	.0027277
%RSD	.6905541	.2013248	1.356614	157.3921	.3571125	.9711138	25.21956

#1	13.14406	.6594724	-.425925	.000203	1.207445	3.982659	.0123113
#2	13.16272	.6612804	-.418600	-.000423	1.216090	3.951920	.0124686
#3	12.99752	.6586905	-.414710	-.000547	1.212146	3.906471	.0076674

Sample Name: I4779-16 Acquired: 8/16/2017 14:06:32 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v124) Mode: CONC Corr. Factor: 1.000000
 User: JASWAL Custom ID1: METH48 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.5863524	.0113292	.0517000
Stddev	.0013920	.0000687	.0000169
%RSD	.2373989	.6062078	.0327813

#1	.5848714	.0113527	.0517116
#2	.5865521	.0113830	.0517077
#3	.5876338	.0112518	.0516805

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1300.561	2036.143	50738.16	10524.10	2855.528
Stddev	15.607	40.256	454.23	101.15	35.151
%RSD	1.200039	1.977059	.8952418	.9610953	1.230987

#1	1318.506	2004.676	51260.34	10472.88	2829.055
#2	1290.154	2022.247	50519.74	10458.80	2842.119
#3	1293.023	2081.506	50434.40	10640.61	2895.410

Sample Name: I4779-17 Acquired: 8/16/2017 14:10:34 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v124) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: METH49 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0557943	-.013738	.4073732	-.017070	.0028538	75.24376	1.593003
Stddev	.0015502	.000660	.0014756	.000752	.0008490	.28398	.001801
%RSD	2.778376	4.805396	.3622289	4.408043	29.75078	.3774130	.1130278

#1	.0575813	-.013694	.4068490	-.017363	.0026670	74.95564	1.590924
#2	.0548110	-.014419	.4090393	-.017631	.0021138	75.25223	1.594021
#3	.0549907	-.013101	.4062312	-.016214	.0037807	75.52341	1.594063

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0060003	.0454311	43.07288	.1087781	.0832998	.2088610	138.4574
Stddev	.0001107	.0003961	.15429	.0009390	.0000997	.0010088	.5419
%RSD	1.845279	.8718172	.3581966	.8631929	.1197095	.4829825	.3914010

#1	.0059563	.0449811	42.91545	.1085908	.0831936	.2094708	138.0944
#2	.0059184	.0455849	43.07937	.1079469	.0833145	.2076967	138.1974
#3	.0061263	.0457271	43.22381	.1097966	.0833914	.2094157	139.0803

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.789700	25.42890	.1564481	.0014929	.9980259	.2241231	2.202399
Stddev	.013356	.15858	.0008974	.0002596	.0452587	.0011139	.017292
%RSD	.2306833	.6236394	.5736183	17.39032	4.534825	.4969816	.7851544

#1	5.776434	25.25114	.1561323	.0017308	.9524259	.2251219	2.187818
#2	5.789521	25.47970	.1557513	.0015318	.9987165	.2229220	2.197874
#3	5.803144	25.55586	.1574608	.0012160	1.042935	.2243254	2.221503

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	16.91091	.9284952	-.339040	.0019575	2.663005	4.051383	.0115641
Stddev	.10512	.0035831	.001679	.0002809	.019264	.026947	.0012410
%RSD	.6216155	.3859095	.4951194	14.35188	.7234035	.6651291	10.73145

#1	16.79811	.9262648	-.337669	.0021068	2.644849	4.037844	.0104873
#2	16.92848	.9265925	-.338538	.0016335	2.660954	4.033890	.0112837
#3	17.00614	.9326283	-.340912	.0021323	2.683213	4.082415	.0129213

Sample Name: I4779-17 Acquired: 8/16/2017 14:10:34 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v124) Mode: CONC Corr. Factor: 1.000000
 User: JASWAL Custom ID1: METH49 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.6827670	.0088639	.0389931
Stddev	.0019548	.0000569	.0000742
%RSD	.2863115	.6414326	.1902744

#1	.6807480	.0088044	.0389265
#2	.6829023	.0088697	.0389796
#3	.6846506	.0089176	.0390731

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1222.634	1951.826	48885.33	10058.41	2886.115
Stddev	7.998	23.098	258.88	39.57	22.825
%RSD	.6541246	1.183381	.5295626	.3934231	.7908587

#1	1230.044	1946.850	49003.52	10089.88	2882.827
#2	1223.700	1931.623	48588.46	10071.37	2865.112
#3	1214.156	1977.006	49064.03	10013.98	2910.406

Sample Name: I4779-18 Acquired: 8/16/2017 14:14:35 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v124) Mode: CONC Corr. Factor: 1.000000
 User: JASWAL Custom ID1: METH50 Custom ID2: Custom ID3:
 Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0807748	-.011576	.4605054	-.015675	.0034530	82.00131	1.886109
Stddev	.0012821	.002502	.0048329	.001636	.0006492	.31129	.008504
%RSD	1.587294	21.61775	1.049488	10.43514	18.79953	.3796182	.4508523

#1	.0821366	-.009075	.4633079	-.016169	.0027193	81.64487	1.876301
#2	.0795909	-.014080	.4549249	-.017006	.0039526	82.21976	1.890592
#3	.0805970	-.011573	.4632836	-.013849	.0036872	82.13928	1.891433

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0066876	.0633385	55.68892	.1109005	.0912480	.2334037	146.6533
Stddev	.0001072	.0001524	.14005	.0002693	.0001026	.0028080	.2147
%RSD	1.603173	.2406609	.2514775	.2428362	.1124373	1.203065	.1463928

#1	.0065998	.0634908	55.83417	.1106732	.0911559	.2301774	146.5878
#2	.0066559	.0631860	55.55474	.1108303	.0912295	.2352968	146.4790
#3	.0068071	.0633388	55.67785	.1111980	.0913586	.2347367	146.8931

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	6.101835	26.34687	.1675827	.0016247	.8922411	.2350431	2.752496
Stddev	.008109	.03064	.0008816	.0001207	.0390832	.0025641	.040914
%RSD	.1329009	.1162968	.5260757	7.429701	4.380341	1.090917	1.486423

#1	6.109929	26.31175	.1666169	.0015155	.9349366	.2380004	2.751730
#2	6.093710	26.36815	.1683442	.0017543	.8835549	.2334405	2.793787
#3	6.101866	26.36072	.1677871	.0016043	.8582318	.2336883	2.711970

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	18.08473	1.104475	-.366511	.0011786	1.629090	7.092495	.0113277
Stddev	.08737	.004079	.003949	.0002851	.006438	.088351	.0013629
%RSD	.4831019	.3692963	1.077480	24.18934	.3952142	1.245697	12.03177

#1	17.98903	1.107628	-.362846	.0011994	1.630536	7.049574	.0098068
#2	18.16022	1.099869	-.365993	.0014527	1.622052	7.033804	.0124385
#3	18.10495	1.105929	-.370693	.0008837	1.634683	7.194107	.0117377

Sample Name: I4779-18 Acquired: 8/16/2017 14:14:35 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v124) Mode: CONC Corr. Factor: 1.000000
 User: JASWAL Custom ID1: METH50 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.7165474	.0094452	.0469671
Stddev	.0011520	.0000552	.0001578
%RSD	.1607769	.5845741	.3360014

#1	.7160791	.0093962	.0467867
#2	.7157033	.0094344	.0470346
#3	.7178599	.0095050	.0470799

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1274.106	1991.256	49692.53	10288.78	2855.098
Stddev	18.328	23.346	399.75	67.56	23.824
%RSD	1.438470	1.172443	.8044427	.6566683	.8344336

#1	1281.258	2000.827	49853.10	10366.41	2866.349
#2	1253.281	1964.645	49237.47	10243.25	2827.732
#3	1287.780	2008.296	49987.03	10256.69	2871.213

Sample Name: I4779-19 Acquired: 8/16/2017 14:18:36 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v124) Mode: CONC Corr. Factor: 1.000000
 User: JASWAL Custom ID1: METH51 Custom ID2: Custom ID3:
 Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0769385	-.012771	.2516133	-.015774	.0013568	93.96631	1.831921
Stddev	.0003002	.003217	.0018603	.003132	.0010137	.50417	.013597
%RSD	.3901706	25.19308	.7393545	19.85454	74.71043	.5365382	.7422254

#1	.0768034	-.009426	.2537608	-.017468	.0012814	93.98373	1.841091
#2	.0772825	-.015844	.2504948	-.012160	.0003829	94.46153	1.838372
#3	.0767296	-.013043	.2505844	-.017695	.0024061	93.45365	1.816299

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0072806	.0409715	40.15839	.1157712	.0905374	.1930509	159.6738
Stddev	.0002405	.0003051	.20342	.0007350	.0003766	.0011521	.8459
%RSD	3.303677	.7446963	.5065457	.6348575	.4159604	.5968071	.5297415

#1	.0072026	.0413116	40.06010	.1160105	.0903753	.1937340	159.0582
#2	.0075505	.0408809	40.39229	.1163567	.0902689	.1936979	160.6383
#3	.0070888	.0407219	40.02278	.1149464	.0909679	.1917206	159.3248

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.388219	27.78613	.1878412	.0012172	1.019929	.2354058	1.880291
Stddev	.026254	.09652	.0021130	.0002919	.049552	.0014637	.025485
%RSD	.4872512	.3473558	1.124875	23.97967	4.858331	.6217858	1.355354

#1	5.368149	27.82902	.1902804	.0008860	.968620	.2359056	1.862687
#2	5.417931	27.85377	.1865734	.0013287	1.023655	.2365541	1.868671
#3	5.378577	27.67560	.1866697	.0014369	1.067513	.2337576	1.909514

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	16.37063	.8209153	-.399769	.0000973	1.243964	4.542669	.0079122
Stddev	.11392	.0034517	.001891	.0002285	.009058	.041358	.0017483
%RSD	.6958790	.4204637	.4729692	234.8452	.7281829	.9104265	22.09578

#1	16.38909	.8241752	-.398499	-.000104	1.254013	4.537970	.0078528
#2	16.47419	.8212713	-.401942	.000345	1.241452	4.586176	.0061944
#3	16.24860	.8172995	-.398866	.000051	1.236426	4.503862	.0096895

Sample Name: I4779-19 Acquired: 8/16/2017 14:18:36 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v124) Mode: CONC Corr. Factor: 1.000000
 User: JASWAL Custom ID1: METH51 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.6615121	.0103193	.0492821
Stddev	.0017182	.0000432	.0002350
%RSD	.2597453	.4183915	.4767992

#1	.6625774	.0103479	.0492891
#2	.6624291	.0103403	.0495134
#3	.6595299	.0102696	.0490437

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1293.906	2006.877	50443.80	10439.03	2848.572
Stddev	11.170	29.849	283.08	38.03	30.586
%RSD	.8632507	1.487348	.5611860	.3643027	1.073732

#1	1302.199	2041.051	50464.59	10447.43	2883.753
#2	1298.314	1985.909	50715.92	10397.50	2828.296
#3	1281.205	1993.671	50150.90	10472.15	2833.666

Sample Name: I4779-20 Acquired: 8/16/2017 14:22:39 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v124) Mode: CONC Corr. Factor: 1.000000
 User: JASWAL Custom ID1: METH52 Custom ID2: Custom ID3:
 Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0825253	-.011703	.2751265	-.017350	.0040272	89.43717	1.801661
Stddev	.0050607	.001168	.0029688	.003530	.0022560	.05924	.002535
%RSD	6.132292	9.979837	1.079057	20.34632	56.01957	.0662392	.1406846

#1	.0769295	-.011055	.2762068	-.016277	.0055191	89.39431	1.799844
#2	.0838653	-.013052	.2774038	-.021292	.0014318	89.50477	1.804557
#3	.0867812	-.011004	.2717688	-.014481	.0051307	89.41242	1.800582

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0069792	.0451956	39.81807	.1308534	.0953044	.1859605	150.7452
Stddev	.0001718	.0002647	.12613	.0010131	.0003713	.0008667	.0930
%RSD	2.461724	.5855710	.3167542	.7742493	.3895628	.4660451	.0616644

#1	.0069301	.0454786	39.69309	.1316659	.0949359	.1868954	150.7135
#2	.0071702	.0451540	39.94531	.1311760	.0956784	.1851839	150.8499
#3	.0068373	.0449542	39.81582	.1297182	.0952989	.1858022	150.6723

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	6.101233	26.64358	.1815136	.0011521	1.056377	.2305040	1.927887
Stddev	.009366	.06648	.0004366	.0002657	.032558	.0011359	.017561
%RSD	.1535158	.2495209	.2405050	23.06051	3.082063	.4927998	.9108711

#1	6.094251	26.58951	.1819734	.0008517	1.078080	.2291978	1.922450
#2	6.111877	26.62342	.1811047	.0013563	1.018940	.2310534	1.913688
#3	6.097570	26.71781	.1814628	.0012481	1.072110	.2312607	1.947523

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	16.86004	.8779242	-.377222	.0005896	1.116873	5.052492	.0086383
Stddev	.05456	.0050556	.001627	.0004173	.006144	.016922	.0014618
%RSD	.3236152	.5758533	.4314289	70.78387	.5500869	.3349228	16.92264

#1	16.80380	.8765583	-.377455	.0004125	1.120457	5.071190	.0071805
#2	16.86355	.8835223	-.378720	.0010663	1.109779	5.048057	.0086304
#3	16.91276	.8736919	-.375490	.0002900	1.120384	5.038230	.0101041

Sample Name: I4779-20 Acquired: 8/16/2017 14:22:39 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v124) Mode: CONC Corr. Factor: 1.000000
 User: JASWAL Custom ID1: METH52 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.6921984	.0096900	.0479141
Stddev	.0005620	.0000070	.0000446
%RSD	.0811924	.0721595	.0931560

#1	.6917616	.0096819	.0479599
#2	.6920011	.0096939	.0479118
#3	.6928324	.0096942	.0478707

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1299.082	2030.319	50431.04	10421.76	2899.284
Stddev	3.257	9.068	114.22	9.41	10.843
%RSD	.2507366	.4466216	.2264851	.0902581	.3740057

#1	1301.389	2024.263	50555.12	10416.89	2893.315
#2	1300.500	2025.950	50407.73	10415.79	2892.737
#3	1295.356	2040.745	50330.28	10432.60	2911.801

Sample Name: I4779-21 Acquired: 8/16/2017 14:26:40 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v124) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: METH53 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0583396	-.013013	.1419895	-.023149	.0037483	108.5235	1.593644
Stddev	.0049668	.004196	.0018152	.003482	.0013018	.2824	.004579
%RSD	8.513670	32.24291	1.278408	15.03983	34.72895	.2601783	.2873215

#1	.0599292	-.017858	.1440754	-.022156	.0046994	108.8493	1.598765
#2	.0527726	-.010613	.1407687	-.027019	.0022647	108.3492	1.592222
#3	.0623170	-.010569	.1411242	-.020272	.0042809	108.3721	1.589945

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0077875	.0187195	40.53278	.1175284	.0880275	.1774217	172.0415
Stddev	.0000835	.0003958	.14205	.0016313	.0004156	.0012320	.1559
%RSD	1.072676	2.114433	.3504455	1.388011	.4721447	.6944073	.0906409

#1	.0078545	.0190585	40.40249	.1193793	.0875632	.1774188	171.9292
#2	.0076939	.0188154	40.68421	.1169057	.0883646	.1761911	171.9756
#3	.0078141	.0182845	40.51165	.1163002	.0881549	.1786552	172.2195

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.295945	30.11287	.2113310	.0009914	1.076563	.2384048	.8842280
Stddev	.003951	.05582	.0006232	.0001323	.024359	.0033289	.0082594
%RSD	.0919758	.1853747	.2948931	13.34242	2.262697	1.396339	.9340832

#1	4.291537	30.06521	.2113416	.0009172	1.087443	.2346456	.8876227
#2	4.297130	30.17428	.2119488	.0009128	1.093586	.2395891	.8902492
#3	4.299168	30.09911	.2107025	.0011441	1.048660	.2409796	.8748122

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	14.02656	.5733607	-.432681	-.000538	1.112375	6.098418	.0084283
Stddev	.04437	.0020452	.001073	.000114	.008835	.027817	.0025441
%RSD	.3163031	.3567052	.2480786	21.18683	.7942761	.4561347	30.18567

#1	14.04460	.5741828	-.431473	-.000668	1.102399	6.077180	.0113186
#2	14.05907	.5748669	-.433525	-.000486	1.119213	6.129906	.0074380
#3	13.97602	.5710323	-.433044	-.000459	1.115513	6.088169	.0065281

Sample Name: I4779-21 Acquired: 8/16/2017 14:26:40 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v124) Mode: CONC Corr. Factor: 1.000000
 User: JASWAL Custom ID1: METH53 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.5717039	.0119566	.0530525
Stddev	.0011934	.0000639	.0001894
%RSD	.2087501	.5344286	.3570164

#1	.5727620	.0120273	.0532662
#2	.5719396	.0119030	.0529052
#3	.5704103	.0119395	.0529863

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1314.182	2050.382	51010.80	10478.08	2883.400
Stddev	11.181	8.543	309.14	16.35	4.872
%RSD	.8507717	.4166730	.6060344	.1560855	.1689634

#1	1302.700	2040.698	50662.53	10459.35	2877.800
#2	1314.810	2056.852	51117.09	10485.35	2885.729
#3	1325.035	2053.596	51252.77	10489.55	2886.670

Sample Name: I4779-22 Acquired: 8/16/2017 14:30:43 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v124) Mode: CONC Corr. Factor: 1.000000
 User: JASWAL Custom ID1: METH54 Custom ID2: Custom ID3:
 Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0819156	-.012078	.3674950	-.018970	.0035727	84.29989	2.265200
Stddev	.0044354	.001937	.0011860	.002178	.0015195	.17302	.004695
%RSD	5.414578	16.04151	.3227369	11.48136	42.53085	.2052378	.2072846

#1	.0820520	-.010930	.3661639	-.019948	.0051047	84.16089	2.264825
#2	.0862812	-.010989	.3684395	-.020487	.0035474	84.49366	2.270071
#3	.0774136	-.014315	.3678815	-.016474	.0020660	84.24511	2.260702

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0074299	.0698740	115.6321	.1138975	.0937541	.2611406	151.4749
Stddev	.0000843	.0002534	.3431	.0035493	.0008432	.0008820	.4033
%RSD	1.133995	.3626547	.2967598	3.116194	.8993506	.3377595	.2662763

#1	.0073928	.0697816	115.2509	.1099876	.0928382	.2618070	151.0559
#2	.0075263	.0701606	115.9164	.1147886	.0939262	.2614744	151.8605
#3	.0073706	.0696797	115.7288	.1169163	.0944980	.2601404	151.5082

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	8.296769	49.67767	.2079904	.0014738	1.125807	.2346384	2.633817
Stddev	.016918	.13987	.0007966	.0000325	.052350	.0021306	.060156
%RSD	.2039070	.2815647	.3829851	2.205988	4.649999	.9080181	2.283971

#1	8.278794	49.51635	.2070770	.0014538	1.175070	.2354687	2.566102
#2	8.312381	49.75137	.2085411	.0015113	1.131512	.2362287	2.681081
#3	8.299133	49.76528	.2083532	.0014563	1.070838	.2322176	2.654267

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	18.09559	1.034049	-.370146	.0015006	1.397649	6.672690	.0081604
Stddev	.01459	.003479	.003373	.0004051	.016048	.057664	.0027488
%RSD	.0806130	.3364349	.9111605	26.99787	1.148189	.8641820	33.68493

#1	18.11243	1.030767	-.367076	.0012839	1.403894	6.610144	.0089326
#2	18.08712	1.037696	-.369607	.0012499	1.379417	6.684185	.0051081
#3	18.08721	1.033686	-.373756	.0019680	1.409635	6.723741	.0104406

Sample Name: I4779-22 Acquired: 8/16/2017 14:30:43 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v124) Mode: CONC Corr. Factor: 1.000000
 User: JASWAL Custom ID1: METH54 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	1.039612	.0095660	.0526514
Stddev	.003315	.0000323	.0001390
%RSD	.3188409	.3375123	.2640423

#1	1.036029	.0096022	.0525259
#2	1.040236	.0095555	.0528008
#3	1.042570	.0095402	.0526275

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1309.368	2021.679	50977.68	10512.59	2764.069
Stddev	21.935	11.499	945.04	20.18	4.858
%RSD	1.675234	.5687897	1.853828	.1919285	.1757610

#1	1334.686	2011.858	52063.16	10525.15	2759.247
#2	1297.338	2018.851	50337.98	10489.32	2763.998
#3	1296.081	2034.329	50531.89	10523.31	2768.962

Sample Name: CCV021 Acquired: 8/16/2017 15:01:06 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v124) Mode: CONC Corr. Factor: 1.000000
 User: JASWAL Custom ID1: CCV021 Custom ID2: Custom ID3:
 Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.865561	4.588262	23.59178	4.837447	4.780571	394.8181
Stddev	.035276	.032133	.09645	.022621	.028931	1.4984
%RSD	.7250097	.7003208	.4088239	.4676292	.6051700	.3795159

#1	4.906284	4.621789	23.65514	4.863451	4.813093	394.5933
#2	4.844428	4.585262	23.63943	4.822310	4.770923	393.4448
#3	4.845970	4.557735	23.48078	4.826579	4.757698	396.4162

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	9.508647	.4963919	2.414754	404.5864	14.49505	2.454492
Stddev	.069206	.0010749	.013038	.7243	.08390	.012651
%RSD	.7278222	.2165322	.5399153	.1790214	.5788369	.5154137

#1	9.503843	.4953322	2.420527	403.8031	14.52684	2.465902
#2	9.441968	.4963624	2.423908	405.2318	14.39990	2.456687
#3	9.580129	.4974812	2.399826	404.7244	14.55842	2.440888

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	14.80015	405.5342	14.76683	409.1547	2.295972	1.325234
Stddev	.05976	.4837	.03137	.6811	.009377	.003388
%RSD	.4037640	.1192706	.2124363	.1664609	.4084255	.2556207

#1	14.73372	404.9832	14.73064	408.5414	2.305129	1.323160
#2	14.84953	405.7311	14.78356	409.8877	2.296397	1.323399
#3	14.81721	405.8885	14.78629	409.0351	2.286389	1.329143

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	407.8090	2.354087	14.85528	147.9576	F 6.217678	F 4.172926
Stddev	1.2526	.012699	.06794	.5973	.026067	.007620
%RSD	.3071420	.5394597	.4573149	.4036916	.4192407	.1826046

#1	406.6637	2.344142	14.77917	147.2926	6.241174	4.165320
#2	409.1466	2.368392	14.87691	148.4485	6.222222	4.180560
#3	407.6169	2.349727	14.90977	148.1316	6.189638	4.172900

Sample Name: CCV021 Acquired: 8/16/2017 15:01:06 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v124) Mode: CONC Corr. Factor: 1.000000
 User: JASWAL Custom ID1: CCV021 Custom ID2: Custom ID3:

Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.821617	5.056341	4.804204	4.790981	4.887152	6.119054
Stddev	.023079	.023312	.029036	.017672	.010764	.029970
%RSD	.4786511	.4610391	.6043945	.3688532	.2202605	.4897818

#1	4.847109	5.055314	4.775333	4.799482	4.877839	6.153258
#2	4.815597	5.080149	4.833403	4.802796	4.898938	6.106513
#3	4.802145	5.033560	4.803875	4.770665	4.884679	6.097392

Elem	Sr4077
Units	ppm
Avg	7.005761
Stddev	.017631
%RSD	.2516639

#1	7.007434
#2	7.022495
#3	6.987353

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	955.3448	1513.034	38058.58	8314.383	2079.870
Stddev	3.7980	6.022	102.57	17.557	7.236
%RSD	.3975559	.3980095	.2695106	.2111670	.3479262

#1	959.5585	1506.282	37999.21	8323.468	2072.240
#2	954.2906	1517.851	38177.02	8294.145	2080.735
#3	952.1852	1514.967	37999.51	8325.537	2086.635

Sample Name: CCB021 Acquired: 8/16/2017 15:05:29 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v124) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: CCB021 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.001952	.0007897	-.000040	-.000634	-.000603	.0046066	-.004325
Stddev	.003039	.0008280	.000261	.002179	.000901	.0033945	.000369
%RSD	155.7263	104.8514	655.7283	343.5756	149.3105	73.68635	8.529083

#1	-.005306	-.000148	-.000332	-.003136	.000430	.0009890	-.004750
#2	-.001170	.001095	.000041	.000849	-.001225	.0051090	-.004142
#3	.000620	.001422	.000171	.000385	-.001015	.0077219	-.004084

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000014	-.000040	.0091581	-.000379	-.000262	.0009595	.0032993
Stddev	.000049	.000075	.0076255	.000284	.000065	.0014241	.0035516
%RSD	352.5225	184.9997	83.26498	74.91533	24.68688	148.4233	107.6463

#1	.000003	-.000098	.0110026	-.000075	-.000217	.0018755	.0013160
#2	-.000069	.000044	.0007796	-.000426	-.000233	-.000681	.0073997
#3	.000025	-.000067	.0156922	-.000637	-.000336	.001684	.0011824

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0001388	.0080953	.0001267	.0000692	-.040155	.0006148	-.001745
Stddev	.0003724	.0186877	.0001495	.0000923	.055605	.0006608	.001921
%RSD	268.2314	230.8470	118.0114	133.3137	138.4767	107.4740	110.0728

#1	-.000271	-.013085	-.000024	.0001073	-.066026	.0003124	.000457
#2	.000456	.015111	.000275	-.000036	.023672	.0001594	-.002612
#3	.000232	.022260	.000129	.000136	-.078110	.0013727	-.003081

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.015591	.0000627	.0020591	.0001536	.0055605	-.003728	-.000037
Stddev	.018663	.0001640	.0007702	.0001154	.0023039	.000884	.000606
%RSD	119.7031	261.4225	37.40541	75.15838	41.43410	23.70995	1617.592

#1	-.035275	-.000038	.0028173	.0001914	.0067430	-.003148	-.000046
#2	-.013347	.000252	.0020827	.0000240	.0029054	-.004746	-.000639
#3	.001848	-.000026	.0012774	.0002453	.0070330	-.003291	.000573

Sample Name: CCB021 Acquired: 8/16/2017 15:05:29 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v124) Mode: CONC Corr. Factor: 1.000000
 User: JASWAL Custom ID1: CCB021 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.0007671	.0004754	.0001050
Stddev	.0005855	.0000759	.0000075
%RSD	76.33104	15.96361	7.170976

#1	.0000910	.0005455	.0001132
#2	.0011077	.0004858	.0001034
#3	.0011025	.0003948	.0000984

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1219.021	1925.949	46651.75	8922.593	3446.881
Stddev	10.343	13.001	20.57	16.673	28.909
%RSD	.8484677	.6750404	.0440867	.1868579	.8387006

#1	1227.370	1916.631	46674.25	8921.857	3431.261
#2	1207.451	1920.414	46647.07	8906.300	3429.142
#3	1222.242	1940.801	46633.92	8939.621	3480.240

Sample Name: PB101594BL Acquired: 8/16/2017 15:09:41 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v124) 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	-.002387	-.000177	-.001106	.0015003	-.000400	.0052188	-.004027
Stddev	.001531	.001316	.001047	.0024696	.000764	.0060322	.000307
%RSD	64.11631	741.9843	94.66193	164.6044	190.8568	115.5851	7.631148

#1	-.001446	-.000722	-.002314	.0024488	.000479	.0025863	-.004331
#2	-.004153	-.001133	-.000528	-.001303	-.000784	.0009504	-.003716
#3	-.001562	.001323	-.000475	.003355	-.000897	.0121199	-.004034

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0000351	-.000086	.0094341	-.000694	-.000186	.0016095	-.000486
Stddev	.0001340	.000045	.0143174	.000298	.000007	.0008119	.003482
%RSD	382.0250	51.51336	151.7622	42.98129	3.593976	50.44182	716.7600

#1	.0000943	-.000135	.0079933	-.000470	-.000189	.0012042	.003122
#2	.0001293	-.000076	.0244175	-.001033	-.000190	.0010801	-.003827
#3	-.000118	-.000048	-.004108	-.000580	-.000178	.0025442	-.000752

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000051	.0212960	.0002808	.0000992	-.037451	.0001216	-.001576
Stddev	.000142	.0163441	.0001561	.0001786	.071964	.0009891	.000960
%RSD	278.4976	76.74720	55.58135	180.0520	192.1566	813.8052	60.91522

#1	.000089	.0249336	.0003806	.0000871	.030767	-.000990	-.002678
#2	-.000047	.0034396	.0003609	-.000073	-.112651	.000904	-.000916
#3	-.000194	.0355149	.0001010	.000284	-.030467	.000451	-.001135

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.055798	-.000078	-.002594	-.000406	.0029126	-.003583	-.000755
Stddev	.012868	.000099	.000415	.000237	.0028861	.000387	.000783
%RSD	23.06262	126.8170	16.00151	58.38142	99.09083	10.78883	103.7039

#1	-.057681	.000015	-.002779	-.000278	.0061070	-.003343	-.001306
#2	-.042091	-.000068	-.002885	-.000260	.0021376	-.003377	-.001100
#3	-.067621	-.000182	-.002119	-.000680	.0004931	-.004029	.000141

Sample Name: PB101594BL Acquired: 8/16/2017 15:09:41 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v124) 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	.0001331	.0001354	.0000867
Stddev	.0001519	.0000256	.0000015
%RSD	114.1720	18.93795	1.767919

#1	.0002763	.0001633	.0000884
#2	-.000026	.0001298	.0000853
#3	.000149	.0001129	.0000865

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1216.983	1918.426	46816.98	9064.931	3437.825
Stddev	5.098	11.097	127.81	16.811	12.327
%RSD	.4188935	.5784404	.2730005	.1854533	.3585755

#1	1211.380	1907.752	46685.13	9046.950	3426.169
#2	1221.347	1929.903	46940.33	9080.256	3450.728
#3	1218.223	1917.624	46825.49	9067.588	3436.578

Sample Name: PB101594BS Acquired: 8/16/2017 15:13:50 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v124) 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	.0144279	.0507933	.0192383	.0655305	.1107007	.4059179
Stddev	.0016113	.0015885	.0009520	.0021813	.0024854	.0052308
%RSD	11.16790	3.127455	4.948622	3.328737	2.245170	1.288637

#1	.0140754	.0490265	.0201759	.0631750	.1129135	.3999388
#2	.0130220	.0521036	.0192665	.0674809	.1080116	.4096482
#3	.0161863	.0512498	.0182725	.0659356	.1111769	.4081668

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.3571369	.0109570	.0095244	10.39598	.0250959	.0891989
Stddev	.0036550	.0000527	.0003278	.04701	.0001908	.0012968
%RSD	1.023418	.4811783	3.441591	.4522400	.7602638	1.453802

#1	.3568331	.0109338	.0099011	10.39111	.0249709	.0901767
#2	.3609343	.0110173	.0093039	10.44523	.0250013	.0877279
#3	.3536432	.0109198	.0093682	10.35158	.0253155	.0896921

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0534700	.2470177	.0348695	10.10968	.0722847	.0201660
Stddev	.0010487	.0072830	.0005597	.10964	.0010435	.0002141
%RSD	1.961219	2.948356	1.605196	1.084523	1.443585	1.061903

#1	.0528485	.2418189	.0354060	10.10132	.0732339	.0201625
#2	.0528808	.2553416	.0349135	10.22326	.0711673	.0203819
#3	.0546808	.2438925	.0342891	10.00445	.0724527	.0199536

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	10.07991	.1048629	.1379171	8.941809	F .0033216	F .0205458
Stddev	.05239	.0024628	.0023024	.069268	.0001151	.0007529
%RSD	.5197682	2.348630	1.669438	.7746506	3.465111	3.664770

#1	10.13451	.1050249	.1401365	8.919678	.0034402	.0213504
#2	10.03004	.1072408	.1355397	9.019437	.0032103	.0204287
#3	10.07519	.1023231	.1380752	8.886310	.0033144	.0198582

Sample Name: PB101594BS Acquired: 8/16/2017 15:13:50 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v124) 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	.0234489	.2096361	.1966186	F .0144562	.2087112	.0122498
Stddev	.0002626	.0029127	.0013520	.0013533	.0014838	.0000461
%RSD	1.119868	1.389421	.6876389	9.361311	.7109347	.3762894

#1	.0236140	.2129956	.1962018	.0159671	.2097925	.0122241
#2	.0231461	.2080962	.1981300	.0133552	.2093215	.0123030
#3	.0235866	.2078166	.1955241	.0140464	.2070196	.0122223

Elem	Sr4077
Units	ppm
Avg	.0380597
Stddev	.0003131
%RSD	.8227503

#1	.0379985
#2	.0383989
#3	.0377816

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1158.027	1848.140	45441.12	9027.844	3228.189
Stddev	6.475	26.847	183.23	44.925	46.113
%RSD	.5591076	1.452641	.4032271	.4976217	1.428452

#1	1162.970	1821.770	45530.73	9039.343	3184.693
#2	1150.698	1875.440	45230.33	8978.288	3276.536
#3	1160.414	1847.210	45562.30	9065.902	3223.338

Sample Name: PB101595BL Acquired: 8/16/2017 15:17:57 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v124) 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	.0007244	.0004044	-.001278	-.000554	-.000270	.0046838	-.004333
Stddev	.0009816	.0004408	.000308	.001386	.000645	.0022366	.000241
%RSD	135.5011	109.0014	24.08782	250.2073	239.3160	47.75195	5.556873

#1	-.000257	.0008820	-.001584	-.002048	-.000463	.0064320	-.004103
#2	.000724	.0003180	-.001282	.000690	.000450	.0021634	-.004584
#3	.001706	.0000132	-.000969	-.000303	-.000795	.0054559	-.004314

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0000077	-.000075	.0083497	-.000407	-.000181	.0015624	-.002679
Stddev	.0000942	.000065	.0043452	.000269	.000211	.0001859	.006112
%RSD	1227.030	86.57059	52.03992	66.08894	116.4577	11.89826	228.1522

#1	.0000543	-.000002	.0077148	-.000369	-.000288	.0013692	-.008327
#2	.0000695	-.000095	.0129774	-.000693	.000062	.0015780	.003810
#3	-.000101	-.000128	.0043569	-.000159	-.000317	.0017400	-.003520

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000084	-.007766	.0000579	-.000097	-.007060	-.000433	-.001881
Stddev	.000107	.007128	.0000339	.000136	.099908	.000848	.002674
%RSD	127.7974	91.78307	58.56628	139.9537	1415.222	195.5749	142.1569

#1	-.000203	-.012259	.0000779	-.000200	-.119586	-.000898	-.001002
#2	-.000053	.000453	.0000772	.000057	.027183	-.000947	-.004885
#3	.000005	-.011492	.0000188	-.000148	.071224	.000545	.000243

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.060800	.0000985	-.004381	-.000448	-.000762	-.004193	.0000122
Stddev	.016307	.0001474	.000175	.000235	.001969	.001425	.0005230
%RSD	26.82094	149.5558	3.987744	52.32462	258.5454	33.98978	4292.987

#1	-.079434	.0002666	-.004413	-.000659	.001277	-.004392	.0006115
#2	-.049132	-.000009	-.004193	-.000195	-.000909	-.005509	-.000223
#3	-.053836	.000038	-.004538	-.000491	-.002653	-.002679	-.000352

Sample Name: PB101595BL Acquired: 8/16/2017 15:17:57 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v124) 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	.0006306	-.000047	.0000800
Stddev	.0008516	.000046	.0000014
%RSD	135.0394	98.34086	1.709263

#1	.0009465	-.000099	.0000786
#2	-.000334	-.000014	.0000813
#3	.001279	-.000027	.0000802

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1207.215	1921.052	46713.88	9037.429	3439.883
Stddev	4.190	12.445	179.09	23.673	16.826
%RSD	.3470462	.6478379	.3833696	.2619409	.4891528

#1	1205.450	1910.529	46510.11	9016.043	3425.423
#2	1204.198	1917.838	46785.26	9033.377	3435.876
#3	1211.999	1934.789	46846.27	9062.866	3458.352

Sample Name: PB101595BS Acquired: 8/16/2017 15:22:07 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v124) 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	.0157397	.0509333	.0191073	.0734696	.1130389	.4004575
Stddev	.0017377	.0012897	.0006792	.0044348	.0015235	.0045201
%RSD	11.03995	2.532172	3.554695	6.036278	1.347724	1.128745

#1	.0177442	.0494493	.0188736	.0772942	.1146712	.4056378
#2	.0146603	.0515668	.0185757	.0686082	.1116548	.3984197
#3	.0148145	.0517838	.0198725	.0745063	.1127908	.3973151

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.3552658	.0106476	.0095064	9.914431	.0231126	.0898175
Stddev	.0028307	.0002057	.0001561	.109426	.0001382	.0002691
%RSD	.7967739	1.931551	1.642076	1.103709	.5977573	.2996147

#1	.3581625	.0108666	.0093636	9.789030	.0231730	.0899889
#2	.3525061	.0104586	.0094825	9.963713	.0232102	.0899563
#3	.3551287	.0106176	.0096731	9.990550	.0229545	.0895074

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0528053	.2286485	.0336164	9.882946	.0719509	.0194671
Stddev	.0007465	.0039222	.0007555	.058523	.0008127	.0000794
%RSD	1.413600	1.715402	2.247463	.5921611	1.129571	.4078649

#1	.0535384	.2250266	.0328381	9.826109	.0727992	.0194644
#2	.0520462	.2281047	.0336644	9.879709	.0711791	.0195478
#3	.0528313	.2328143	.0343468	9.943020	.0718745	.0193890

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	10.02868	.1006831	.1257095	8.879139	F .0035850	F .0187364
Stddev	.07575	.0010777	.0045165	.010030	.0001638	.0004755
%RSD	.7553029	1.070374	3.592775	.1129616	4.569838	2.537758

#1	10.06008	.1016689	.1212487	8.890459	.0033958	.0186132
#2	9.94229	.0995325	.1256001	8.871359	.0036810	.0183346
#3	10.08368	.1008480	.1302796	8.875598	.0036781	.0192613

Sample Name: PB101595BS Acquired: 8/16/2017 15:22:07 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v124) 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	.0237586	.2079448	.1915935	F .0139396	.2063347	.0121839
Stddev	.0005828	.0004695	.0027400	.0011279	.0008513	.0001164
%RSD	2.452865	.2257599	1.430097	8.091249	.4125594	.9555667
#1	.0244292	.2074863	.1922278	.0150808	.2063685	.0122763
#2	.0234722	.2084245	.1885920	.0139125	.2054671	.0120531
#3	.0233745	.2079236	.1939607	.0128255	.2071686	.0122223

Elem	Sr4077
Units	ppm
Avg	.0376983
Stddev	.0000865
%RSD	.2293859
#1	.0377057
#2	.0376084
#3	.0377809

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1142.400	1816.722	45306.35	9106.066	3185.736
Stddev	10.042	43.224	196.66	45.299	55.680
%RSD	.8790322	2.379231	.4340718	.4974601	1.747776
#1	1153.283	1766.851	45529.39	9054.589	3121.450
#2	1140.425	1843.381	45157.88	9139.843	3218.745
#3	1133.493	1839.935	45231.78	9123.766	3217.012

Sample Name: PB101597BL Acquired: 8/16/2017 15:26:15 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v124) 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	.0004081	.0003864	-.001103	-.001577	-.001004	.0007812	-.004054
Stddev	.0020365	.0006513	.000492	.001866	.001709	.0038114	.000274
%RSD	498.9502	168.5337	44.63629	118.3598	170.0971	487.9097	6.766145

#1	.0013147	.0010498	-.001627	.000337	-.000616	-.001356	-.004353
#2	.0018340	.0003614	-.001030	-.003392	-.002874	-.001482	-.003813
#3	-.001924	-.000252	-.000651	-.001675	.000476	.005182	-.003997

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000049	-.000072	.0010899	-.000606	-.000185	.0009969	-.001864
Stddev	.000036	.000017	.0023459	.000121	.000101	.0008553	.004567
%RSD	73.63866	24.23436	215.2477	20.03276	54.72040	85.79726	245.0268

#1	-.000015	-.000054	-.000332	-.000694	-.000302	.0019846	.002848
#2	-.000046	-.000089	.003797	-.000467	-.000131	.0005106	-.002169
#3	-.000086	-.000072	-.000196	-.000656	-.000123	.0004957	-.006272

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0000197	.0184040	.0002889	.0001291	-.098732	.0005550	-.002189
Stddev	.0001246	.0076393	.0002197	.0000828	.073742	.0020656	.002585
%RSD	632.2705	41.50883	76.05360	64.09812	74.68961	372.1734	118.0533

#1	.0000500	.0110194	.0003238	.0000457	-.021835	-.001280	-.004356
#2	-.000117	.0179179	.0004890	.0001306	-.105509	.002792	-.002883
#3	.000126	.0262748	.0000538	.0002112	-.168851	.000153	.000671

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.067156	.0000434	-.005186	-.000164	-.001191	-.004190	-.001097
Stddev	.026109	.0001739	.000558	.000147	.004688	.000186	.000900
%RSD	38.87741	400.7381	10.76755	89.37549	393.7435	4.432974	82.02023

#1	-.038223	.0002346	-.005227	.000004	-.006317	-.004201	-.000261
#2	-.088958	.0000007	-.005724	-.000230	-.000132	-.003999	-.002049
#3	-.074288	-.000105	-.004609	-.000266	.002878	-.004370	-.000982

Sample Name: PB101597BL Acquired: 8/16/2017 15:26:15 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v124) 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	.0005998	-.000137	.0000785
Stddev	.0001807	.000021	.0000043
%RSD	30.13274	15.13250	5.457783

#1	.0008025	-.000114	.0000786
#2	.0005414	-.000154	.0000827
#3	.0004554	-.000144	.0000741

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1225.201	1930.312	47110.24	9094.400	3449.101
Stddev	9.419	8.035	311.30	27.818	12.010
%RSD	.7687838	.4162516	.6607869	.3058844	.3482199

#1	1231.846	1922.014	47468.51	9099.504	3435.233
#2	1214.421	1930.866	46905.89	9064.383	3455.934
#3	1229.334	1938.055	46956.31	9119.312	3456.136

Sample Name: PB101597BS Acquired: 8/16/2017 15:30:25 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v124) 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	.0152247	.0504801	.0207620	.0684504	.1131953	.3959840
Stddev	.0022952	.0020038	.0001073	.0014984	.0019316	.0026103
%RSD	15.07519	3.969395	.5165920	2.189029	1.706432	.6591888

#1	.0165113	.0508200	.0208787	.0686214	.1146994	.3950615
#2	.0165881	.0522922	.0207395	.0698560	.1138697	.3989303
#3	.0125749	.0483282	.0206677	.0668738	.1110170	.3939602

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.3540002	.0108321	.0093925	10.13407	.0238360	.0891167
Stddev	.0009817	.0000471	.0000703	.04886	.0003542	.0003815
%RSD	.2773045	.4347948	.7478932	.4821654	1.486113	.4280676

#1	.3543849	.0108434	.0093909	10.08948	.0234471	.0894365
#2	.3547312	.0107804	.0094634	10.12643	.0239206	.0892192
#3	.3528844	.0108726	.0093230	10.18630	.0241402	.0886945

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0528957	.2366600	.0342784	9.888652	.0717332	.0199438
Stddev	.0007759	.0071666	.0004170	.036274	.0008735	.0001781
%RSD	1.466855	3.028240	1.216577	.3668265	1.217693	.8932813

#1	.0520434	.2340553	.0338514	9.847278	.0711287	.0200131
#2	.0530828	.2311599	.0342991	9.914994	.0713364	.0200768
#3	.0535610	.2447647	.0346847	9.903685	.0727347	.0197413

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	10.04793	.1026965	.1306036	8.797830	F .0035752	F .0182272
Stddev	.13767	.0017755	.0015816	.039748	.0001832	.0003193
%RSD	1.370112	1.728888	1.211008	.4517981	5.123853	1.751796

#1	9.96724	.1026023	.1317827	8.837073	.0035065	.0185926
#2	9.96967	.1009699	.1312218	8.798823	.0034362	.0180865
#3	10.20689	.1045172	.1288062	8.757595	.0037828	.0180023

Sample Name: PB101597BS Acquired: 8/16/2017 15:30:25 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v124) 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	.0231139	.2040294	.1943545	F .0125724	.2054571	.0121151
Stddev	.0000361	.0005769	.0005296	.0009681	.0012029	.0001027
%RSD	.1562489	.2827655	.2724978	7.700349	.5854509	.8480400
#1	.0231305	.2034106	.1944965	.0134376	.2042174	.0121958
#2	.0231387	.2045525	.1947987	.0127528	.2066194	.0121500
#3	.0230725	.2041250	.1937684	.0115267	.2055345	.0119995

Elem	Sr4077
Units	ppm
Avg	.0375529
Stddev	.0000934
%RSD	.2486413
#1	.0375454
#2	.0376498
#3	.0374635

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1174.538	1830.950	45995.34	9104.783	3203.519
Stddev	12.836	15.972	235.07	18.367	17.244
%RSD	1.092825	.8723534	.5110832	.2017331	.5382714
#1	1159.950	1839.981	45730.05	9088.782	3215.019
#2	1184.101	1840.361	46078.23	9124.839	3211.846
#3	1179.562	1812.508	46177.74	9100.727	3183.692

Sample Name: PB101598BL Acquired: 8/16/2017 15:34:34 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v124) 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	.0002480	.0004343	-.000566	.0014534	.0003635	.0003940	-.004314
Stddev	.0010106	.0010083	.000638	.0034190	.0009056	.0047541	.000403
%RSD	407.4493	232.1703	112.7500	235.2467	249.1325	1206.515	9.331497

#1	-.000595	.0011907	-.000367	.0053948	-.000581	.0058685	-.003864
#2	-.000029	-.000710	-.000050	-.000320	.000447	-.002696	-.004639
#3	.001368	.000823	-.001279	-.000715	.001224	-.001991	-.004438

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0000339	-.000113	.0129848	-.000435	-.000128	.0010430	.0003395
Stddev	.0001019	.000051	.0067614	.000062	.000122	.0013636	.0077248
%RSD	300.1741	44.88954	52.07184	14.30495	95.25674	130.7395	2275.623

#1	.0000186	-.000065	.0171805	-.000398	-.000259	.0024042	.0013300
#2	.0001426	-.000108	.0165890	-.000506	-.000109	.0010478	.0075213
#3	-.000059	-.000166	.0051849	-.000400	-.000017	-.000323	-.007833

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000105	.0100190	.0001394	.0002224	-.047752	.0010408	-.001124
Stddev	.000106	.0091137	.0005114	.0002244	.050412	.0006225	.001499
%RSD	100.6330	90.96359	366.7766	100.9143	105.5708	59.80745	133.4346

#1	-.000079	.0182397	-.000103	.0001925	-.041774	.0008415	.000174
#2	-.000015	.0002189	-.000206	.0004602	-.000596	.0005424	-.000780
#3	-.000221	.0115985	.000727	.0000144	-.100886	.0017385	-.002765

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.046048	.0001796	-.004766	-.000278	-.002193	-.004030	-.000452
Stddev	.019358	.0001388	.000930	.000097	.001031	.000464	.001035
%RSD	42.03841	77.32788	19.51930	34.69463	47.02903	11.51584	228.8739

#1	-.023728	.0003367	-.005095	-.000342	-.003248	-.004179	.000268
#2	-.056159	.0001284	-.003716	-.000326	-.002142	-.004402	-.001638
#3	-.058257	.0000735	-.005487	-.000167	-.001188	-.003510	.000014

Sample Name: PB101598BL Acquired: 8/16/2017 15:34:34 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v124) 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	.0005992	-.000216	.0000804
Stddev	.0003075	.000045	.0000052
%RSD	51.31542	20.66973	6.435106

#1	.0009524	-.000264	.0000864
#2	.0003917	-.000176	.0000780
#3	.0004534	-.000210	.0000769

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1197.698	1956.528	46797.53	9058.251	3499.373
Stddev	13.637	39.085	236.78	25.631	65.681
%RSD	1.138622	1.997647	.5059710	.2829547	1.876925

#1	1182.256	1911.495	46547.71	9074.183	3423.590
#2	1208.089	1976.470	47018.65	9071.884	3534.668
#3	1202.748	1981.619	46826.23	9028.685	3539.859

Sample Name: PB101598BS Acquired: 8/16/2017 15:38:45 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v124) 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	.0152746	.0503231	.0193999	.0712330	.1108961	.3995040
Stddev	.0019834	.0015283	.0011254	.0034425	.0014069	.0028493
%RSD	12.98496	3.036882	5.800938	4.832742	1.268683	.7132025

#1	.0173697	.0516141	.0203672	.0684058	.1122432	.4020709
#2	.0150282	.0507195	.0181648	.0750665	.1110089	.4000030
#3	.0134259	.0486357	.0196678	.0702265	.1094362	.3964382

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.3531686	.0107637	.0093772	9.860037	.0236945	.0890293
Stddev	.0019082	.0001337	.0000846	.032805	.0005703	.0002367
%RSD	.5403150	1.241926	.9023664	.3327022	2.407035	.2659095

#1	.3546162	.0108438	.0094241	9.825538	.0241385	.0892699
#2	.3510062	.0108380	.0094280	9.863741	.0230513	.0887967
#3	.3538835	.0106094	.0092795	9.890833	.0238938	.0890212

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0522979	.2306913	.0333414	9.773530	.0718411	.0195532
Stddev	.0004278	.0066477	.0006050	.036631	.0008056	.0002897
%RSD	.8180047	2.881632	1.814572	.3748016	1.121402	1.481635

#1	.0527088	.2333514	.0332851	9.739439	.0726733	.0198631
#2	.0518550	.2355971	.0327665	9.768892	.0717849	.0195075
#3	.0523300	.2231256	.0339725	9.812260	.0710650	.0192891

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	10.01532	.1010401	.1293058	8.771775	F .0033650	F .0175081
Stddev	.07748	.0014953	.0039663	.031220	.0000787	.0009789
%RSD	.7735956	1.479859	3.067375	.3559149	2.338911	5.591197

#1	10.01058	.0993290	.1254709	8.748621	.0032931	.0185155
#2	10.09506	.1016959	.1290549	8.759424	.0033527	.0165604
#3	9.94033	.1020954	.1333916	8.807282	.0034491	.0174484

Sample Name: PB101598BS Acquired: 8/16/2017 15:38:45 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v124) 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	.0235273	.2054736	.1931021	F .0127898	.2037205	.0120143
Stddev	.0003197	.0026540	.0029934	.0010913	.0007191	.0000475
%RSD	1.358957	1.291672	1.550172	8.532775	.3529919	.3954795
#1	.0232683	.2076848	.1947870	.0133166	.2045022	.0119697
#2	.0238847	.2062056	.1948732	.0115350	.2030870	.0120090
#3	.0234289	.2025304	.1896459	.0135177	.2035724	.0120642

Elem	Sr4077
Units	ppm
Avg	.0373394
Stddev	.0000879
%RSD	.2353038
#1	.0373264
#2	.0372587
#3	.0374330

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1171.058	1826.244	45892.79	9083.957	3200.703
Stddev	12.236	19.367	328.21	17.694	28.579
%RSD	1.044887	1.060466	.7151764	.1947781	.8928857
#1	1171.400	1815.135	45891.71	9074.615	3178.842
#2	1183.120	1814.991	46221.54	9104.364	3190.225
#3	1158.655	1848.607	45565.11	9072.893	3233.042

Sample Name: I4718-01 Acquired: 8/16/2017 16:06:45 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v124) Mode: CONC Corr. Factor: 1.000000
 User: JASWAL Custom ID1: ME7GD3 Custom ID2: Custom ID3:
 Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0256420	-.006279	.2389114	.0014375	.0016660	40.33822	.2868284
Stddev	.0058222	.002206	.0019709	.0008663	.0009534	.12114	.0016780
%RSD	22.70589	35.12600	.8249308	60.26205	57.22391	.3003081	.5850033

#1	.0318458	-.008637	.2389777	.0009997	.0007378	40.47243	.2885826
#2	.0247835	-.004266	.2408482	.0024353	.0016175	40.30527	.2866637
#3	.0202966	-.005935	.2369082	.0008775	.0026427	40.23697	.2852388

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0043737	.0054510	175.0341	.1311539	.0148218	.6603769	57.15341
Stddev	.0000245	.0001603	.6250	.0011752	.0002510	.0020888	.12992
%RSD	.5602065	2.941532	.3570972	.8960271	1.693206	.3163056	.2273157

#1	.0044002	.0055259	175.0093	.1305313	.0150428	.6583262	57.20653
#2	.0043689	.0055601	174.4218	.1304210	.0148737	.6625018	57.00535
#3	.0043519	.0052669	175.6712	.1325094	.0145490	.6603028	57.24836

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.981513	53.84666	.0583370	.0008146	1.124954	.0663678	2.375923
Stddev	.009989	.18398	.0000694	.0000760	.093490	.0013387	.022955
%RSD	.3350363	.3416779	.1190160	9.327699	8.310532	2.017039	.9661395

#1	2.980341	53.91344	.0584166	.0008604	1.021624	.0655383	2.349633
#2	2.972161	53.63861	.0582888	.0008565	1.203684	.0679121	2.386147
#3	2.992036	53.98792	.0583057	.0007269	1.149553	.0656529	2.391990

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.289668	.2343751	-.118017	.0060239	2.933634	4.131482	.0116913
Stddev	.022014	.0005528	.001693	.0003826	.020718	.024647	.0019210
%RSD	1.706938	.2358669	1.434913	6.351656	.7062133	.5965674	16.43095

#1	1.312488	.2342806	-.116494	.0055968	2.924961	4.159935	.0123222
#2	1.287956	.2349691	-.119841	.0063354	2.957279	4.116702	.0095342
#3	1.268560	.2338756	-.117717	.0061394	2.918663	4.117810	.0132176

Sample Name: I4718-01 Acquired: 8/16/2017 16:06:45 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v124) Mode: CONC Corr. Factor: 1.000000
 User: JASWAL Custom ID1: ME7GD3 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.6034576	.0039843	.0358834
Stddev	.0006284	.0000285	.0000540
%RSD	.1041306	.7157110	.1505710

#1	.6031217	.0039994	.0359454
#2	.6030686	.0039514	.0358579
#3	.6041826	.0040021	.0358468

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1072.485	1727.624	42598.39	9178.915	2748.214
Stddev	8.657	16.642	304.46	25.781	23.150
%RSD	.8071875	.9632928	.7147203	.2808708	.8423644

#1	1081.720	1711.245	42937.18	9150.226	2724.046
#2	1064.554	1727.110	42347.67	9186.378	2750.407
#3	1071.181	1744.517	42510.34	9200.141	2770.190

Sample Name: I4718-02 Acquired: 8/16/2017 16:10:50 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v124) Mode: CONC Corr. Factor: 1.000000
 User: JASWAL Custom ID1: ME7GD3D Custom ID2: Custom ID3:
 Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0227934	-.006021	.2333047	-.001936	.0018598	40.45769	.2894099
Stddev	.0013472	.001042	.0021620	.000851	.0002743	.34295	.0027106
%RSD	5.910619	17.29771	.9266888	43.96737	14.74881	.8476682	.9365906

#1	.0212381	-.004828	.2347342	-.001487	.0015506	40.30604	.2882890
#2	.0235458	-.006489	.2308175	-.001404	.0020740	40.21671	.2874395
#3	.0235965	-.006747	.2343626	-.002918	.0019547	40.85032	.2925011

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0043351	.0051883	174.6367	.1297285	.0152272	.6671225	57.14698
Stddev	.0000747	.0001345	2.3194	.0002508	.0002936	.0054834	.72971
%RSD	1.723760	2.592617	1.328125	.1932963	1.928002	.8219463	1.276905

#1	.0042763	.0050827	172.0657	.1294753	.0154733	.6654327	56.35275
#2	.0044192	.0053397	175.2727	.1297332	.0149023	.6626829	57.30042
#3	.0043097	.0051423	176.5718	.1299768	.0153061	.6732519	57.78777

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.976364	53.73434	.0589644	.0009386	1.096976	.0667593	2.351817
Stddev	.038796	.55243	.0003155	.0001762	.069694	.0023633	.033062
%RSD	1.303468	1.028080	.5350065	18.77125	6.353262	3.540005	1.405801

#1	2.932069	53.30425	.0587737	.0010342	1.166860	.0672312	2.323550
#2	2.992719	53.54140	.0587910	.0007353	1.027474	.0641957	2.388173
#3	3.004305	54.35737	.0593285	.0010464	1.096595	.0688511	2.343729

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.300099	.2330355	-.120252	.0057286	2.933069	4.166701	.0109577
Stddev	.035382	.0009570	.002230	.0005575	.004735	.068264	.0019753
%RSD	2.721473	.4106552	1.854257	9.732508	.1614347	1.638315	18.02637

#1	1.292073	.2341048	-.120065	.0058364	2.932949	4.142536	.0108475
#2	1.269420	.2322595	-.118122	.0062244	2.928395	4.113806	.0129858
#3	1.338805	.2327423	-.122570	.0051251	2.937863	4.243760	.0090398

Sample Name: I4718-02 Acquired: 8/16/2017 16:10:50 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v124) Mode: CONC Corr. Factor: 1.000000
 User: JASWAL Custom ID1: ME7GD3D Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.6028301	.0039938	.0357353
Stddev	.0047003	.0000111	.0002916
%RSD	.7797016	.2782096	.8161098

#1	.5985465	.0039856	.0355453
#2	.6020855	.0039894	.0355895
#3	.6078582	.0040065	.0360711

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1104.467	1758.610	43692.32	9215.851	2787.781
Stddev	12.188	11.905	198.26	25.246	17.816
%RSD	1.103548	.6769325	.4537745	.2739421	.6390693

#1	1097.775	1746.521	43627.22	9221.646	2767.551
#2	1097.091	1758.989	43534.80	9237.696	2794.660
#3	1118.536	1770.321	43914.95	9188.211	2801.131

Sample Name: I4718-03 Acquired: 8/16/2017 16:14:55 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v124) Mode: CONC Corr. Factor: 1.000000
 User: JASWAL Custom ID1: ME7GD3S Custom ID2: Custom ID3:
 Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0895169	.1205211	.5116897	.0926797	.0810315	39.71799	4.327892
Stddev	.0043469	.0012182	.0002049	.0015827	.0005882	.52816	.058379
%RSD	4.855985	1.010792	.0400537	1.707740	.7258397	1.329787	1.348905

#1	.0924562	.1212611	.5116095	.0933791	.0816975	40.04559	4.373791
#2	.0845236	.1211871	.5115369	.0908678	.0808138	39.99968	4.347699
#3	.0915710	.1191150	.5119226	.0937923	.0805832	39.10869	4.262186

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0963717	.0928778	150.7528	.5971976	.9486740	1.109634	63.13605
Stddev	.0007605	.0002133	1.4144	.0050057	.0018306	.016236	.59410
%RSD	.7891486	.2296452	.9382488	.8382018	.1929671	1.463207	.9409886

#1	.0970256	.0931112	151.2032	.5921194	.9507651	1.120158	63.32846
#2	.0965524	.0926930	151.8873	.5973458	.9473603	1.117809	63.61009
#3	.0955371	.0928291	149.1680	.6021275	.9478968	1.090935	62.46958

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	3.306955	50.98228	.9717952	.0426323	1.042702	1.030054	3.501882
Stddev	.032036	.67607	.0029056	.0001927	.050998	.017596	.025029
%RSD	.9687383	1.326091	.2989921	.4520652	4.890972	1.708275	.7147269

#1	3.311453	51.25047	.9740964	.0428125	1.058620	1.043816	3.474651
#2	3.336505	51.48310	.9727590	.0426554	1.083842	1.036119	3.507114
#3	3.272909	50.21326	.9685301	.0424291	.985643	1.010228	3.523882

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.130503	.2122714	-.125111	.0073567	2.543624	4.983727	.0311094
Stddev	.025479	.0003041	.002880	.0007452	.006232	.023647	.0016776
%RSD	2.253815	.1432456	2.302233	10.13007	.2449947	.4744858	5.392740

#1	1.149299	.2126219	-.126961	.0082145	2.542489	4.981116	.0298441
#2	1.140707	.2121135	-.126580	.0069876	2.550345	5.008571	.0304718
#3	1.101503	.2120787	-.121792	.0068681	2.538038	4.961493	.0330124

Sample Name: I4718-03 Acquired: 8/16/2017 16:14:55 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v124) Mode: CONC Corr. Factor: 1.000000
 User: JASWAL Custom ID1: ME7GD3S Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.6854910	.0036239	.0309199
Stddev	.0072971	.0000574	.0003808
%RSD	1.064507	1.583417	1.231562

#1	.6890895	.0036856	.0312012
#2	.6902898	.0036139	.0310719
#3	.6770935	.0035722	.0304866

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1110.670	1740.561	44205.15	9342.497	2790.950
Stddev	6.648	3.463	188.49	100.992	9.658
%RSD	.5985470	.1989575	.4263984	1.080990	.3460506

#1	1117.489	1736.822	44405.23	9278.511	2779.872
#2	1104.208	1743.658	44030.91	9290.060	2797.600
#3	1110.312	1741.205	44179.31	9458.922	2795.378

Sample Name: I4718-01LX5 Acquired: 8/16/2017 16:18:57 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v124) Mode: CONC Corr. Factor: 1.000000
 User: JASWAL Custom ID1: ME7GD3L Custom ID2: Custom ID3:
 Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0047940	-.001272	.0464253	.0015210	.0004226	7.969257	.0555214
Stddev	.0035031	.001208	.0015991	.0018882	.0014980	.011840	.0001747
%RSD	73.07181	94.94302	3.444366	124.1483	354.4944	.1485655	.3147399

#1	.0076847	-.000305	.0460370	.0036875	-.001250	7.972675	.0557212
#2	.0008982	-.002625	.0481827	.0006498	.000876	7.979011	.0553972
#3	.0057992	-.000885	.0450561	.0002256	.001642	7.956084	.0554458

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0008846	.0009668	34.37662	.0280980	.0020099	.1338639	11.70747
Stddev	.0000020	.0001450	.16264	.0008366	.0003154	.0011904	.03223
%RSD	.2282409	14.99910	.4730999	2.977548	15.69319	.8892693	.2752827

#1	.0008829	.0009441	34.18902	.0271790	.0019136	.1338369	11.67026
#2	.0008840	.0011218	34.47776	.0288155	.0023623	.1350676	11.72567
#3	.0008869	.0008344	34.46309	.0282993	.0017539	.1326873	11.72648

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.6105732	10.67355	.0115003	.0000566	.2333502	.0146223	.4587073
Stddev	.0022800	.03846	.0003479	.0001984	.0198085	.0016321	.0121778
%RSD	.3734223	.3603106	3.024787	350.6568	8.488734	11.16147	2.654805

#1	.6080772	10.64739	.0117397	.0002418	.2518507	.0132879	.4452280
#2	.6110959	10.65556	.0111013	.0000807	.2124520	.0141371	.4689153
#3	.6125465	10.71771	.0116599	-.000153	.2357478	.0164420	.4619786

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.2161026	.0435866	-.030218	.0008559	.5593752	.8844480	.0018242
Stddev	.0115748	.0005226	.001039	.0003743	.0083684	.0042189	.0005707
%RSD	5.356173	1.199056	3.437545	43.73058	1.496032	.4770061	31.28599

#1	.2161670	.0436312	-.031073	.0006125	.5678343	.8887854	.0011873
#2	.2044958	.0440854	-.029062	.0012868	.5591909	.8803586	.0022894
#3	.2276451	.0430430	-.030519	.0006682	.5511005	.8842000	.0019958

Sample Name: I4718-01LX5 Acquired: 8/16/2017 16:18:57 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v124) Mode: CONC Corr. Factor: 1.000000
 User: JASWAL Custom ID1: ME7GD3L Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.1212499	.0006366	.0072974
Stddev	.0009005	.0000604	.0000315
%RSD	.7426561	9.491848	.4312912

#1	.1202310	.0005994	.0073337
#2	.1219387	.0007063	.0072798
#3	.1215802	.0006040	.0072786

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1170.882	1862.826	45672.02	9169.391	3169.230
Stddev	2.211	7.665	153.23	70.142	13.715
%RSD	.1888190	.4114875	.3355104	.7649617	.4327628

#1	1173.032	1857.539	45617.99	9088.974	3162.050
#2	1168.615	1859.322	45553.12	9217.951	3160.595
#3	1171.000	1871.617	45844.95	9201.249	3185.045

Sample Name: I4780-08 Acquired: 8/16/2017 16:23:03 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v124) Mode: CONC Corr. Factor: 1.000000
 User: JASWAL Custom ID1: METH62 Custom ID2: Custom ID3:
 Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0956369	-.010573	.4588186	-.017687	.0018518	68.54634	1.835800
Stddev	.0024177	.002906	.0035183	.003990	.0008093	.21269	.005120
%RSD	2.528020	27.48279	.7668268	22.56007	43.70348	.3102883	.2789240

#1	.0936343	-.012411	.4616732	-.022294	.0009173	68.78922	1.841713
#2	.0983227	-.007223	.4598947	-.015362	.0023190	68.39334	1.832875
#3	.0949538	-.012085	.4548879	-.015404	.0023191	68.45647	1.832813

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0060692	.0623911	35.62327	.0978577	.0733605	.2111481	137.0809
Stddev	.0001226	.0002474	.15897	.0008873	.0006523	.0004649	.2874
%RSD	2.019168	.3965705	.4462532	.9066992	.8891753	.2201630	.2096594

#1	.0062011	.0625880	35.53994	.0978884	.0739581	.2112888	137.0719
#2	.0060477	.0624721	35.52329	.0987292	.0734586	.2115263	136.7981
#3	.0059588	.0621134	35.80658	.0969554	.0726647	.2106291	137.3727

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.287432	23.88618	.1529653	.0016662	1.207835	.1817400	2.576796
Stddev	.008986	.16550	.0008946	.0001851	.034361	.0018015	.045189
%RSD	.2095809	.6928688	.5848212	11.10700	2.844809	.9912277	1.753686

#1	4.279006	24.04194	.1539088	.0015361	1.169641	.1797186	2.525962
#2	4.286402	23.71241	.1528576	.0018780	1.217625	.1823257	2.592019
#3	4.296888	23.90419	.1521294	.0015844	1.236238	.1831757	2.612409

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	19.90218	1.433844	-.340015	.0020307	1.522550	4.595581	.0139157
Stddev	.07891	.008134	.004992	.0003312	.014779	.016817	.0013418
%RSD	.3965089	.5672753	1.468265	16.30770	.9706967	.3659363	9.642513

#1	19.99025	1.443232	-.345534	.0023058	1.539213	4.614964	.0147394
#2	19.87842	1.428930	-.338697	.0021231	1.511026	4.584862	.0146404
#3	19.83788	1.429369	-.335813	.0016631	1.517410	4.586919	.0123674

Sample Name: I4780-08 Acquired: 8/16/2017 16:23:03 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v124) Mode: CONC Corr. Factor: 1.000000
 User: JASWAL Custom ID1: METH62 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.7840348	.0081326	.0383014
Stddev	.0026382	.0000442	.0002040
%RSD	.3364930	.5429091	.5325616

#1	.7811666	.0081343	.0385341
#2	.7863579	.0081758	.0382165
#3	.7845799	.0080876	.0381535

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1269.716	2013.009	50198.12	10472.55	2888.860
Stddev	7.538	14.569	118.77	54.66	22.926
%RSD	.5936445	.7237264	.2366037	.5219021	.7935882

#1	1277.764	1997.410	50318.36	10410.11	2862.391
#2	1268.563	2026.263	50195.13	10511.72	2902.468
#3	1262.822	2015.355	50080.87	10495.82	2901.721

Sample Name: I4780-09 Acquired: 8/16/2017 16:27:05 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v124) Mode: CONC Corr. Factor: 1.000000
 User: JASWAL Custom ID1: METH62D Custom ID2: Custom ID3:
 Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0986678	-.011880	.4568242	-.016656	.0030215	69.29016	1.856457
Stddev	.0030395	.001744	.0007903	.002579	.0012447	.30206	.004010
%RSD	3.080563	14.68171	.1729976	15.48328	41.19388	.4359403	.2159859

#1	.1008953	-.010325	.4560260	-.013679	.0028561	69.08599	1.852202
#2	.0952052	-.011548	.4568404	-.018112	.0043406	69.14734	1.857004
#3	.0999031	-.013766	.4576063	-.018178	.0018678	69.63715	1.860165

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0060456	.0624517	35.86815	.0997552	.0737712	.2123275	137.8653
Stddev	.0000195	.0000881	.27569	.0004910	.0002057	.0009947	.9903
%RSD	.3221061	.1410796	.7686202	.4921951	.2788567	.4685004	.7182920

#1	.0060580	.0625229	35.68747	.0993449	.0739589	.2126438	137.3747
#2	.0060231	.0623532	35.73151	.0996216	.0735513	.2131256	137.2162
#3	.0060557	.0624789	36.18547	.1002992	.0738036	.2112130	139.0051

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.315170	23.98750	.1528097	.0018990	1.157367	.1837962	2.566518
Stddev	.037664	.21024	.0007741	.0000570	.047794	.0022250	.005250
%RSD	.8728236	.8764379	.5065842	3.004410	4.129577	1.210583	.2045511

#1	4.294669	23.78067	.1528902	.0018950	1.111669	.1812306	2.567309
#2	4.292203	23.98083	.1519985	.0018441	1.153420	.1851980	2.571328
#3	4.358637	24.20099	.1535405	.0019580	1.207013	.1849599	2.560918

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	20.05294	1.437449	-.345293	.0021718	1.529973	4.590880	.0121278
Stddev	.08634	.001461	.001955	.0000790	.011058	.036105	.0015855
%RSD	.4305843	.1016379	.5661046	3.638705	.7227566	.7864475	13.07307

#1	19.97935	1.439086	-.345255	.0021345	1.533784	4.569811	.0139269
#2	20.03147	1.436276	-.343357	.0021183	1.517514	4.632569	.0115222
#3	20.14799	1.436987	-.347266	.0022625	1.538622	4.570259	.0109345

Sample Name: I4780-09 Acquired: 8/16/2017 16:27:05 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v124) Mode: CONC Corr. Factor: 1.000000
 User: JASWAL Custom ID1: METH62D Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.7939569	.0082414	.0387863
Stddev	.0024182	.0000161	.0001379
%RSD	.3045719	.1958073	.3555691

#1	.7937969	.0082369	.0386872
#2	.7916228	.0082593	.0387279
#3	.7964512	.0082280	.0389438

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1271.764	1992.771	49846.15	10395.83	2866.891
Stddev	4.783	21.469	16.50	71.17	15.972
%RSD	.3761299	1.077335	.0330999	.6845954	.5571242

#1	1271.271	2010.012	49832.72	10421.92	2875.586
#2	1267.246	1999.577	49864.57	10450.27	2876.629
#3	1276.775	1968.724	49841.17	10315.30	2848.458

Sample Name: I4780-10 Acquired: 8/16/2017 16:31:06 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v124) Mode: CONC Corr. Factor: 1.000000
 User: JASWAL Custom ID1: METH62S Custom ID2: Custom ID3:
 Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1547916	.1101772	.4192274	.0704321	.0615049	76.91217	5.585765
Stddev	.0068646	.0037854	.0233502	.0026253	.0033746	.29832	.098056
%RSD	4.434730	3.435732	5.569809	3.727385	5.486634	.3878692	1.755457

#1	.1624120	.1142116	.4460500	.0734629	.0645718	76.65226	5.609226
#2	.1490920	.1067034	.4034415	.0689671	.0620531	77.23790	5.669963
#3	.1528708	.1096166	.4081905	.0688662	.0578898	76.84636	5.478107

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0913895	.1508937	34.08660	.4723855	1.072126	.6496155	137.7911
Stddev	.0006539	.0089140	.25230	.0029070	.0622291	.0032866	.6329
%RSD	.7154809	5.907490	.7401800	.6153943	5.810073	.5059295	.4593464

#1	.0906380	.1611110	34.05536	.4693840	1.142999	.6490568	137.5725
#2	.0917021	.1447056	33.85138	.4725848	1.026061	.6531456	137.2964
#3	.0918283	.1468645	34.35308	.4751878	1.047318	.6466440	138.5043

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.050561	24.64293	1.121005	.0398004	1.221256	1.063383	3.138976
Stddev	.022411	.11709	.061876	.0004694	.048428	.004931	.040335
%RSD	.4437308	.4751391	5.519651	1.179382	3.965457	.4637243	1.284976

#1	5.041795	24.59987	1.190827	.0393841	1.269704	1.057864	3.154018
#2	5.033859	24.55347	1.072970	.0397078	1.221216	1.064930	3.093282
#3	5.076030	24.77545	1.099219	.0403092	1.172847	1.067355	3.169629

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	20.40824	1.386122	-.342965	.0015438	1.390675	4.403890	.0227324
Stddev	.13288	.081944	.002035	.0001427	.087932	.080969	.0003123
%RSD	.6511083	5.911727	.5933203	9.240217	6.322985	1.838584	1.373798

#1	20.29512	1.479580	-.340711	.0017019	1.491251	4.484849	.0229062
#2	20.55457	1.326591	-.344666	.0015048	1.328326	4.322910	.0223719
#3	20.37502	1.352194	-.343519	.0014248	1.352448	4.403910	.0229192

Sample Name: I4780-10 Acquired: 8/16/2017 16:31:06 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v124) Mode: CONC Corr. Factor: 1.000000
 User: JASWAL Custom ID1: METH62S Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.8140385	.0086576	.0391267
Stddev	.0008982	.0001135	.0001307
%RSD	.1103399	1.310920	.3340189

#1	.8148376	.0085449	.0390875
#2	.8130664	.0087719	.0392725
#3	.8142116	.0086559	.0390200

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1269.184	1979.579	50278.26	10448.55	2821.557
Stddev	6.045	72.885	43.60	37.94	138.670
%RSD	.4763212	3.681848	.0867220	.3631559	4.914648

#1	1264.100	1897.265	50238.76	10461.64	2664.512
#2	1275.869	2035.919	50270.99	10405.79	2927.134
#3	1267.582	2005.554	50325.04	10478.22	2873.026

Sample Name: I4780-08LX5 Acquired: 8/16/2017 16:35:06 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v124) Mode: CONC Corr. Factor: 1.000000
 User: JASWAL Custom ID1: METH62L Custom ID2: Custom ID3:
 Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0199850	-.002465	.0932212	-.002069	-.001172	15.74198	.4123994
Stddev	.0017489	.001110	.0018185	.000761	.001371	1.10863	.0271641
%RSD	8.751217	45.00946	1.950764	36.77995	117.0005	7.042517	6.586838

#1	.0182254	-.001392	.0939013	-.002942	-.002755	15.11358	.3966800
#2	.0217231	-.003607	.0911607	-.001548	-.000342	15.09031	.3967524
#3	.0200063	-.002396	.0946017	-.001716	-.000420	17.02205	.4437657

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0014451	.0120778	8.320424	.0217905	.0137514	.0507989	32.47070
Stddev	.0000698	.0000344	.607775	.0010957	.0003929	.0038331	2.29003
%RSD	4.830026	.2846235	7.304619	5.028288	2.857409	7.545681	7.052603

#1	.0014574	.0120827	7.916892	.0219538	.0133366	.0484442	30.96606
#2	.0015078	.0120413	8.024936	.0227954	.0141181	.0487305	31.33986
#3	.0013699	.0121095	9.019445	.0206224	.0137994	.0552219	35.10617

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.013370	5.596754	.0300882	.0003840	.1806908	.0423753	.5608178
Stddev	.072883	.399566	.0004726	.0002079	.0394329	.0040795	.0109842
%RSD	7.192150	7.139251	1.570539	54.13397	21.82344	9.627111	1.958606

#1	.968162	5.367740	.0295661	.0002569	.1724884	.0397279	.5499778
#2	.974500	5.364392	.0304866	.0002712	.1460041	.0403246	.5605348
#3	1.097449	6.058129	.0302118	.0006238	.2235798	.0470733	.5719407

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.552625	.2750447	-.087470	-.000093	.2951463	1.099921	.0018886
Stddev	.399122	.0004565	.004925	.000419	.0043417	.076424	.0012433
%RSD	8.766852	.1659587	5.630558	452.2793	1.471020	6.948170	65.82916

#1	4.322441	.2749656	-.083655	.000328	.2902397	1.074902	.0007480
#2	4.321943	.2755356	-.085725	-.000095	.2967086	1.039141	.0032139
#3	5.013492	.2746330	-.093030	-.000511	.2984907	1.185719	.0017039

Sample Name: I4780-08LX5 Acquired: 8/16/2017 16:35:06 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v124) Mode: CONC Corr. Factor: 1.000000
 User: JASWAL Custom ID1: METH62L Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.1811371	.0016963	.0089517
Stddev	.0122235	.0001307	.0006142
%RSD	6.748218	7.707749	6.861368

#1	.1735239	.0016854	.0085894
#2	.1746509	.0015713	.0086048
#3	.1952366	.0018321	.0096608

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1218.554	1940.055	47266.11	9104.355	3245.046
Stddev	5.317	10.411	152.38	512.715	7.468
%RSD	.4363401	.5366299	.3223786	5.631530	.2301477

#1	1223.512	1932.172	47113.35	9389.572	3239.233
#2	1212.939	1936.135	47266.88	9411.041	3242.434
#3	1219.212	1951.856	47418.10	8512.453	3253.469

Sample Name: CCV022 Acquired: 8/16/2017 16:39:10 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v124) Mode: CONC Corr. Factor: 1.000000
 User: JASWAL Custom ID1: CCV022 Custom ID2: Custom ID3:
 Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.845229	4.566153	23.26791	4.800695	4.776827	392.1255
Stddev	.096141	.109298	.53444	.099536	.093942	1.1524
%RSD	1.984231	2.393647	2.296903	2.073358	1.966625	.2938865

#1	4.943305	4.677764	23.84291	4.904206	4.880088	392.1311
#2	4.841232	4.561370	23.17450	4.792202	4.753973	390.9703
#3	4.751149	4.459326	22.78634	4.705679	4.696420	393.2751

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	9.365386	.4772589	2.367806	392.6898	14.04593	2.417326
Stddev	.118057	.0025020	.054829	2.8649	.18142	.054751
%RSD	1.260562	.5242505	2.315591	.7295643	1.291606	2.264925

#1	9.405587	.4801469	2.426476	394.1376	14.05450	2.475579
#2	9.232479	.4758853	2.359073	389.3899	14.22291	2.409474
#3	9.458092	.4757445	2.317867	394.5418	13.86038	2.366925

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	14.62183	393.2638	14.29805	396.7425	2.277766	1.276564
Stddev	.02550	2.7338	.08899	2.2051	.053798	.013723
%RSD	.1744243	.6951619	.6223669	.5558138	2.361870	1.075013

#1	14.59299	394.3220	14.35043	397.8390	2.334761	1.283119
#2	14.64140	390.1591	14.19530	394.2040	2.270668	1.285780
#3	14.63110	395.3104	14.34840	398.1844	2.227870	1.260792

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	400.8131	2.308322	15.30408	146.2258	F 6.221298	F 4.039733
Stddev	.4956	.011743	.11149	.4311	.147066	.016390
%RSD	.1236366	.5087176	.7284730	.2947956	2.363912	.4057265

#1	400.2808	2.299066	15.34713	145.7382	6.377232	4.052907
#2	400.8974	2.304370	15.38762	146.3829	6.201572	4.021379
#3	401.2611	2.321532	15.17749	146.5563	6.085091	4.044914

Sample Name: CCV022 Acquired: 8/16/2017 16:39:10 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v124) Mode: CONC Corr. Factor: 1.000000
 User: JASWAL Custom ID1: CCV022 Custom ID2: Custom ID3:
 Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.778287	4.987193	4.636227	4.719726	4.787580	6.046577
Stddev	.100893	.109296	.015832	.110188	.016602	.059659
%RSD	2.111493	2.191538	.3414768	2.334622	.3467647	.9866558
#1	4.883135	5.105323	4.650905	4.837518	4.793137	6.105908
#2	4.769847	4.966592	4.619451	4.702485	4.768913	5.986595
#3	4.681879	4.889663	4.638325	4.619175	4.800691	6.047229

Elem	Sr4077
Units	ppm
Avg	6.910296
Stddev	.028049
%RSD	.4058945
#1	6.922662
#2	6.878189
#3	6.930036

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	957.0254	1513.364	38722.98	8482.128	2086.383
Stddev	10.6497	27.208	385.04	47.850	44.216
%RSD	1.112795	1.797838	.9943409	.5641229	2.119282
#1	952.5170	1485.050	38551.92	8440.983	2040.582
#2	949.3714	1515.733	38453.11	8534.636	2089.743
#3	969.1878	1539.311	39163.91	8470.764	2128.823

Sample Name: CCB022 Acquired: 8/16/2017 16:43:32 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v124) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: CCB022 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.001732	.0004785	-.000721	-.001076	-.000275	.0063540	-.003982
Stddev	.002468	.0006442	.001580	.002130	.000796	.0018902	.000382
%RSD	142.4779	134.6299	219.2557	198.0038	289.3429	29.74760	9.586630

#1	-.001996	.0004714	.001104	-.003331	-.000723	.0058004	-.003848
#2	-.004059	-.000162	-.001636	-.000798	-.000747	.0084592	-.004413
#3	.000857	.001126	-.001629	.000901	.000644	.0048025	-.003686

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0000131	-.000106	.0023004	-.001384	.0000731	.0011411	.0022222
Stddev	.0000604	.000084	.0055557	.000584	.0001780	.0002598	.0081907
%RSD	460.0680	79.75108	241.5136	42.19755	243.6194	22.76678	368.5842

#1	.0000006	-.000009	-.003520	-.001434	.0001504	.0012778	.0045891
#2	-.000040	-.000148	.007547	-.000777	.0001994	.0013039	-.006891
#3	.000079	-.000160	.002875	-.001942	-.000131	.0008415	.008969

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000098	.0108360	.0004384	.0001054	-.040180	.0007204	.0017328
Stddev	.000140	.0088506	.0000577	.0002989	.082188	.0001861	.0023645
%RSD	143.0743	81.67704	13.15309	283.6250	204.5469	25.83314	136.4534

#1	-.000258	.0143435	.0004431	-.000157	-.126677	.0006062	.0011282
#2	-.000002	.0173953	.0003786	.000043	.036885	.0006198	.0043410
#3	-.000033	.0007693	.0004936	.000431	-.030749	.0009352	-.000271

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.014359	-.000300	.0020531	.0005963	-.000255	-.002822	-.001419
Stddev	.027375	.000112	.0008992	.0001854	.002126	.000434	.000093
%RSD	190.6411	37.46482	43.79474	31.09566	834.2154	15.38432	6.547188

#1	-.008095	-.000395	.0030870	.0006233	-.002220	-.003176	-.001526
#2	.009341	-.000330	.0014538	.0003988	.002002	-.002338	-.001362
#3	-.044323	-.000176	.0016186	.0007667	-.000547	-.002952	-.001369

Sample Name: CCB022 Acquired: 8/16/2017 16:43:32 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v124) Mode: CONC Corr. Factor: 1.000000
 User: JASWAL Custom ID1: CCB022 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.0004215	.0003976	.0001173
Stddev	.0003077	.0000644	.0000126
%RSD	73.00221	16.20394	10.76324

#1	.0007656	.0004705	.0001313
#2	.0003265	.0003743	.0001139
#3	.0001726	.0003481	.0001068

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1205.828	1926.866	46958.44	9117.871	3449.892
Stddev	6.107	10.059	85.01	60.645	12.257
%RSD	.5064752	.5220412	.1810359	.6651214	.3552963

#1	1198.900	1917.951	46863.16	9096.487	3435.740
#2	1208.149	1924.877	46985.65	9070.814	3457.145
#3	1210.434	1937.772	47026.52	9186.311	3456.791

Sample Name: I4716-04 Acquired: 8/16/2017 16:47:44 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v124) Mode: CONC Corr. Factor: 1.000000
 User: JASWAL Custom ID1: ME7GB4 Custom ID2: Custom ID3:
 Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0547556	-.019484	.2999529	-.020720	.0003277	68.48541	.3056809
Stddev	.0074040	.001379	.0079037	.003746	.0017088	.40826	.0028513
%RSD	13.52187	7.079677	2.634984	18.08083	521.4527	.5961270	.9327668

#1	.0481339	-.021069	.2947257	-.021555	-.000273	68.23332	.3048715
#2	.0627498	-.018555	.3090454	-.016627	.002256	68.26648	.3033218
#3	.0533831	-.018827	.2960876	-.023978	-.000999	68.95644	.3088493

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0039664	.0168146	376.3287	.1771225	.0594480	1.322176	171.5203
Stddev	.0000601	.0002945	3.5122	.0021764	.0010415	.008166	1.4442
%RSD	1.515714	1.751607	.9332840	1.228764	1.751885	.6176477	.8420028

#1	.0039082	.0165889	372.5673	.1772563	.0591806	1.316314	169.9820
#2	.0040282	.0171478	376.8961	.1748823	.0605971	1.318710	171.7316
#3	.0039627	.0167071	379.5226	.1792289	.0585663	1.331504	172.8472

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	6.529211	145.8571	.1993176	.0026448	1.233401	.1323370	11.50343
Stddev	.049456	1.0233	.0042714	.0002600	.095224	.0027789	.05356
%RSD	.7574590	.7015800	2.142998	9.829083	7.720413	2.099857	.4655781

#1	6.477215	144.7960	.1962753	.0024860	1.160289	.1306914	11.44620
#2	6.534757	145.9375	.2042007	.0029448	1.341080	.1307743	11.51173
#3	6.575660	146.8378	.1974767	.0025037	1.198833	.1355455	11.55235

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	6.592674	.3753274	-.415904	.0197420	2.417091	5.042897	.0380534
Stddev	.066572	.0062988	.002172	.0005077	.035447	.103352	.0011975
%RSD	1.009794	1.678215	.5221771	2.571554	1.466528	2.049464	3.146899

#1	6.564937	.3708465	-.413520	.0191560	2.394119	4.924209	.0390168
#2	6.544455	.3825293	-.416424	.0200481	2.457915	5.113033	.0384307
#3	6.668630	.3726063	-.417769	.0200219	2.399238	5.091450	.0367127

Sample Name: I4716-04 Acquired: 8/16/2017 16:47:44 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v124) Mode: CONC Corr. Factor: 1.000000
 User: JASWAL Custom ID1: ME7GB4 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.8525258	.0094766	.0306811
Stddev	.0003562	.0001392	.0002081
%RSD	.0417843	1.469087	.6781578

#1	.8526897	.0094330	.0306418
#2	.8527706	.0093645	.0304956
#3	.8521171	.0096324	.0309061

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1100.690	1737.914	43717.87	9371.145	2531.288
Stddev	4.377	23.912	215.05	32.431	38.610
%RSD	.3976657	1.375924	.4919141	.3460771	1.525327

#1	1099.010	1745.509	43553.13	9405.266	2547.392
#2	1105.658	1711.127	43961.16	9367.450	2487.232
#3	1097.401	1757.107	43639.32	9340.719	2559.239

Sample Name: I4716-05 Acquired: 8/16/2017 16:51:45 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v124) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: ME7GB4D Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0571416	-.021065	.3015668	-.022792	.0010356	67.88040	.3047490
Stddev	.0019618	.001521	.0035375	.005843	.0010531	.12883	.0009723
%RSD	3.433198	7.221815	1.173044	25.63687	101.6894	.1897919	.3190629

#1	.0549384	-.022777	.3055769	-.029538	-.000077	68.00390	.3039250
#2	.0586995	-.020551	.3002349	-.019338	.001168	67.74683	.3045005
#3	.0577867	-.019868	.2988886	-.019498	.002016	67.89047	.3058214

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0038316	.0169348	372.8830	.1762397	.0593841	1.310446	169.8331
Stddev	.0001208	.0000733	1.3302	.0008582	.0004958	.006652	.5883
%RSD	3.153280	.4326856	.3567387	.4869193	.8348618	.5075973	.3464014

#1	.0037882	.0169402	374.2175	.1759958	.0599099	1.316670	170.5104
#2	.0039681	.0170053	372.8743	.1771934	.0593174	1.303436	169.5402
#3	.0037384	.0168590	371.5571	.1755299	.0589251	1.311233	169.4488

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	6.472735	144.5166	.2013206	.0024898	1.237463	.1348551	11.30774
Stddev	.019437	.2880	.0010909	.0001861	.079854	.0019833	.06311
%RSD	.3002912	.1993104	.5418728	7.476072	6.453078	1.470709	.5581322

#1	6.494686	144.8489	.2024045	.0025809	1.208934	.1328514	11.37929
#2	6.465813	144.3379	.2013344	.0022756	1.175791	.1368174	11.28394
#3	6.457706	144.3631	.2002229	.0026128	1.327663	.1348963	11.25999

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	6.569108	.3783584	-.414411	.0197172	2.421912	5.068729	.0376554
Stddev	.028869	.0015273	.001318	.0002042	.005523	.130838	.0017730
%RSD	.4394676	.4036751	.3180186	1.035559	.2280561	2.581274	4.708380

#1	6.540710	.3777594	-.415764	.0198200	2.424533	4.918375	.0397000
#2	6.598427	.3800944	-.414337	.0194820	2.425638	5.156703	.0365446
#3	6.568186	.3772213	-.413131	.0198495	2.415567	5.131109	.0367214

Sample Name: I4716-05 Acquired: 8/16/2017 16:51:45 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v124) Mode: CONC Corr. Factor: 1.000000
 User: JASWAL Custom ID1: ME7GB4D Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.8490053	.0093391	.0303840
Stddev	.0069481	.0000712	.0000688
%RSD	.8183801	.7628477	.2265737

#1	.8436007	.0093281	.0304343
#2	.8465725	.0092739	.0303056
#3	.8568427	.0094152	.0304122

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1106.016	1738.953	43926.18	9433.323	2528.697
Stddev	8.378	18.161	137.42	22.270	16.247
%RSD	.7575141	1.044387	.3128354	.2360762	.6424964

#1	1096.378	1721.976	43775.22	9412.835	2513.315
#2	1110.106	1736.782	43959.30	9430.109	2527.087
#3	1111.563	1758.103	44044.00	9457.025	2545.688

Sample Name: I4716-06 Acquired: 8/16/2017 16:55:48 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v124) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: ME7GB4S Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1264603	.0973546	.3865506	.0660787	.1013472	69.38034	4.178169
Stddev	.0072614	.0016654	.0096832	.0033532	.0036413	.12361	.013388
%RSD	5.742074	1.710663	2.505040	5.074639	3.592892	.1781676	.3204383

#1	.1214845	.0975006	.3774095	.0624208	.0974000	69.50175	4.192003
#2	.1347928	.0956210	.3855448	.0690073	.1020662	69.38464	4.177226
#3	.1231037	.0989422	.3966975	.0668080	.1045753	69.25464	4.165276

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0927801	.1069333	354.8309	.5326058	1.019272	1.745837	170.4251
Stddev	.0002069	.0027285	.0824	.0025138	.022768	.004753	.2453
%RSD	.2230475	2.551609	.0232141	.4719861	2.233753	.2722515	.1439267

#1	.0927744	.1045290	354.9135	.5332007	.998118	1.747612	170.6831
#2	.0929898	.1063720	354.7488	.5347688	1.016329	1.749446	170.3974
#3	.0925760	.1098988	354.8304	.5298479	1.043368	1.740451	170.1949

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	7.157842	166.2885	1.115382	.0437304	1.491069	1.057122	13.75134
Stddev	.008319	.0688	.022926	.0003545	.139910	.007040	.09300
%RSD	.1162214	.0413639	2.055402	.8107482	9.383188	.6659470	.6762672

#1	7.165563	166.3624	1.095838	.0433364	1.605936	1.060659	13.68686
#2	7.158929	166.2264	1.109690	.0440237	1.532016	1.061693	13.70922
#3	7.149032	166.2767	1.140617	.0438311	1.335254	1.049015	13.85794

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	6.455681	.3540727	-.418008	.0162402	2.364273	4.143414	.0215139
Stddev	.023557	.0066919	.002040	.0004859	.057622	.040708	.0021228
%RSD	.3649108	1.889988	.4880976	2.992111	2.437184	.9824633	9.867105

#1	6.461652	.3480627	-.419160	.0161693	2.306583	4.190236	.0191505
#2	6.475679	.3528715	-.419211	.0157935	2.364408	4.123594	.0221328
#3	6.429713	.3612839	-.415652	.0167576	2.421826	4.116412	.0232585

Sample Name: I4716-06 Acquired: 8/16/2017 16:55:48 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v124) Mode: CONC Corr. Factor: 1.000000
 User: JASWAL Custom ID1: ME7GB4S Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.8523081	.0091586	.0289748
Stddev	.0028808	.0000684	.0000590
%RSD	.3380021	.7471973	.2035452

#1	.8538630	.0092202	.0289881
#2	.8540774	.0090849	.0290259
#3	.8489840	.0091707	.0289103

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1075.885	1688.461	43298.61	9421.225	2464.246
Stddev	5.093	25.576	46.89	20.690	44.193
%RSD	.4733922	1.514734	.1082917	.2196114	1.793376

#1	1080.042	1717.539	43348.74	9410.838	2512.093
#2	1077.408	1678.390	43291.25	9407.787	2455.687
#3	1070.203	1669.454	43255.83	9445.051	2424.959

Sample Name: I4716-04LX5 Acquired: 8/16/2017 16:59:49 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v124) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: ME7GB4L Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0141847	-.003905	.0622536	-.002850	-.001043	13.83991	.0601850
Stddev	.0035214	.001984	.0026604	.006241	.001018	.09385	.0008843
%RSD	24.82546	50.80743	4.273413	218.9752	97.56799	.6780949	1.469350

#1	.0179053	-.003947	.0592823	.001307	-.002218	13.90112	.0607151
#2	.0109037	-.005867	.0630640	-.010027	-.000478	13.88674	.0606757
#3	.0137453	-.001900	.0644144	.000170	-.000433	13.73186	.0591641

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0008608	.0027859	77.56406	.0392078	.0107809	.2737103	37.28542
Stddev	.0000975	.0000055	.27639	.0001615	.0002651	.0020529	.07320
%RSD	11.32620	.1956436	.3563434	.4118009	2.458614	.7500095	.1963185

#1	.0008211	.0027796	77.33650	.0392128	.0104764	.2743996	37.23100
#2	.0007894	.0027888	77.48404	.0390440	.0109063	.2753298	37.25662
#3	.0009719	.0027893	77.87163	.0393667	.0109600	.2714015	37.36863

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.415754	29.96866	.0403659	.0008190	.2340471	.0299495	2.403712
Stddev	.005278	.11990	.0002286	.0001786	.0145679	.0016457	.000780
%RSD	.3727734	.4000922	.5664252	21.80768	6.224334	5.494917	.0324457

#1	1.412206	30.06676	.0404656	.0007972	.2269724	.0280496	2.403928
#2	1.413237	30.00423	.0405277	.0006524	.2508013	.0308663	2.404361
#3	1.421819	29.83500	.0401043	.0010076	.2243677	.0309326	2.402847

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.300702	.0709079	-.093615	.0036578	.4682888	1.067472	.0052926
Stddev	.003431	.0006762	.001806	.0002583	.0022015	.048349	.0009040
%RSD	.2638130	.9536975	1.928695	7.061822	.4701044	4.529344	17.07980

#1	1.297405	.0711110	-.093175	.0037131	.4673406	1.013847	.0059456
#2	1.300447	.0714594	-.092070	.0033764	.4708055	1.107737	.0042609
#3	1.304254	.0701534	-.095600	.0038840	.4667204	1.080831	.0056714

Sample Name: I4716-04LX5 Acquired: 8/16/2017 16:59:49 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v124) Mode: CONC Corr. Factor: 1.000000
 User: JASWAL Custom ID1: ME7GB4L Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.1795067	.0018968	.0064774
Stddev	.0047135	.0000772	.0000404
%RSD	2.625830	4.068717	.6240699

#1	.1756401	.0018457	.0064881
#2	.1847573	.0019855	.0065114
#3	.1781228	.0018590	.0064327

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1146.026	1827.504	44796.95	9191.453	3011.288
Stddev	12.290	18.108	176.25	17.914	22.974
%RSD	1.072400	.9908463	.3934328	.1948949	.7629300

#1	1133.180	1813.805	44753.97	9175.474	3002.099
#2	1147.225	1820.674	44646.17	9188.067	2994.330
#3	1157.672	1848.034	44990.71	9210.818	3037.434

Sample Name: I4716-01 Acquired: 8/16/2017 17:03:55 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v124) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: ME7GB1 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0259149	-.004948	.2325727	.0030076	.0004031	38.02663	.2106792
Stddev	.0019651	.000481	.0026456	.0038574	.0010881	.06131	.0009757
%RSD	7.582722	9.719259	1.137529	128.2543	269.9309	.1612198	.4631445

#1	.0249425	-.005501	.2355505	.0045105	.0010937	37.96712	.2107802
#2	.0281766	-.004628	.2316746	.0058873	.0009667	38.02318	.2096568
#3	.0246258	-.004715	.2304931	-.001375	-.000851	38.08959	.2116005

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0017651	.0034376	10.41601	.0352986	.0127094	.0682502	47.49658
Stddev	.0000958	.0000912	.04968	.0006290	.0001504	.0005047	.20240
%RSD	5.428839	2.654375	.4769228	1.781913	1.183369	.7394829	.4261426

#1	.0017197	.0035240	10.35875	.0346693	.0126487	.0678836	47.26443
#2	.0018752	.0034467	10.44178	.0359273	.0125989	.0680413	47.58923
#3	.0017004	.0033422	10.44752	.0352994	.0128807	.0688258	47.63608

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.5538412	4.197737	.0276246	.0004836	.4466331	.0742796	.3749613
Stddev	.0028660	.014264	.0001139	.0001267	.0310208	.0014242	.0016928
%RSD	.5174785	.3398089	.4123272	26.20409	6.945474	1.917400	.4514563

#1	.5507477	4.182534	.0277476	.0004035	.4213946	.0727676	.3745227
#2	.5543698	4.199852	.0275227	.0006297	.4372397	.0744753	.3735310
#3	.5564062	4.210826	.0276034	.0004177	.4812649	.0755958	.3768302

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.434465	.4546415	-.118549	.0037917	1.925660	3.443783	.0118926
Stddev	.030075	.0038082	.000706	.0004712	.020443	.043222	.0009216
%RSD	2.096581	.8376325	.5954187	12.42650	1.061587	1.255086	7.749846

#1	1.404200	.4580669	-.119317	.0041648	1.943333	3.481501	.0129080
#2	1.434850	.4553168	-.117929	.0032622	1.930376	3.396619	.0111090
#3	1.464346	.4505408	-.118401	.0039480	1.903272	3.453229	.0116607

Sample Name: I4716-01 Acquired: 8/16/2017 17:03:55 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v124) Mode: CONC Corr. Factor: 1.000000
 User: JASWAL Custom ID1: ME7GB1 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.5745366	.0036295	.0063824
Stddev	.0033120	.0000161	.0000135
%RSD	.5764620	.4444590	.2116099

#1	.5707148	.0036125	.0063761
#2	.5765689	.0036314	.0063732
#3	.5763262	.0036445	.0063979

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1165.798	1834.121	46472.76	9359.684	3144.788
Stddev	13.907	17.232	273.78	26.702	26.307
%RSD	1.192900	.9395006	.5891186	.2852880	.8365171

#1	1153.512	1821.937	46384.01	9370.923	3126.675
#2	1162.985	1826.590	46254.37	9329.199	3132.727
#3	1180.896	1853.836	46779.91	9378.929	3174.963

Sample Name: I4716-02 Acquired: 8/16/2017 17:08:02 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v124) Mode: CONC Corr. Factor: 1.000000
 User: JASWAL Custom ID1: ME7GB2 Custom ID2: Custom ID3:
 Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0503701	-.016370	.1491828	-.021146	.0009393	56.48054	.5601140
Stddev	.0046290	.001676	.0035015	.005780	.0013531	.09194	.0014942
%RSD	9.189978	10.24039	2.347135	27.33245	144.0580	.1627797	.2667715

#1	.0533477	-.014788	.1532000	-.027138	.0010995	56.54452	.5611257
#2	.0450370	-.018127	.1467772	-.020696	.0022052	56.37518	.5608186
#3	.0527254	-.016196	.1475713	-.015605	-.000487	56.52191	.5583978

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0047031	.0139403	738.5113	.1293975	.0444752	.2049139	152.1491
Stddev	.0001279	.0004522	2.3690	.0005670	.0007376	.0007644	.6828
%RSD	2.719754	3.243871	.3207794	.4381637	1.658373	.3730474	.4487456

#1	.0046872	.0143114	740.2500	.1287428	.0453268	.2055538	152.3731
#2	.0045838	.0134366	735.8131	.1297250	.0440395	.2040674	151.3825
#3	.0048382	.0140730	739.4709	.1297247	.0440592	.2051204	152.6917

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	3.305921	169.1230	.1256962	.0009532	5.396723	.1652334	.7184280
Stddev	.016255	.4558	.0020048	.0002412	.041948	.0023280	.0040370
%RSD	.4916828	.2695151	1.594999	25.30081	.7772801	1.408942	.5619257

#1	3.319934	169.1865	.1279265	.0007060	5.444400	.1654605	.7201655
#2	3.288101	168.6388	.1251186	.0009656	5.365484	.1628001	.7213055
#3	3.309729	169.5438	.1240436	.0011879	5.380285	.1674395	.7138132

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.915530	.4901480	-.365216	.0180057	5.332220	4.681734	-.001436
Stddev	.032009	.0077538	.003586	.0003474	.070960	.052156	.001196
%RSD	1.097881	1.581942	.9818341	1.929408	1.330777	1.114031	83.30699

#1	2.939275	.4990204	-.363178	.0183583	5.412230	4.624369	-.002798
#2	2.879128	.4867520	-.363113	.0179951	5.276915	4.726296	-.000555
#3	2.928186	.4846715	-.369356	.0176637	5.307514	4.694537	-.000955

Sample Name: I4716-02 Acquired: 8/16/2017 17:08:02 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v124) Mode: CONC Corr. Factor: 1.000000
 User: JASWAL Custom ID1: ME7GB2 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	2.038703	.0120387	.0977844
Stddev	.003724	.0000135	.0001873
%RSD	.1826562	.1118391	.1915426

#1	2.039966	.0120354	.0978262
#2	2.041630	.0120272	.0975797
#3	2.034511	.0120535	.0979472

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1060.601	1647.631	42159.34	9185.893	2351.585
Stddev	6.893	12.918	16.66	24.701	24.362
%RSD	.6499070	.7840064	.0395130	.2688987	1.035992

#1	1066.334	1632.716	42172.27	9170.723	2323.463
#2	1062.515	1655.043	42140.54	9214.395	2365.033
#3	1052.953	1655.136	42165.21	9172.562	2366.260

Sample Name: I4716-03 Acquired: 8/16/2017 17:12:05 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v124) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: ME7GB3 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0460460	-.017836	.1370715	-.018465	.0014054	53.38714	.5525839
Stddev	.0047834	.003399	.0033630	.004794	.0004888	.26264	.0021529
%RSD	10.38834	19.05698	2.453471	25.96238	34.77944	.4919557	.3896014

#1	.0474182	-.020635	.1405950	-.016200	.0013051	53.40315	.5529880
#2	.0499934	-.014054	.1367234	-.015223	.0009746	53.64141	.5545061
#3	.0407265	-.018820	.1338960	-.023971	.0019366	53.11686	.5502576

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0046916	.0144394	671.9421	.1127642	.0416710	.2215036	162.4082
Stddev	.0000294	.0001565	3.0943	.0004627	.0006501	.0014493	.8529
%RSD	.6258955	1.083944	.4604975	.4103616	1.560021	.6542891	.5251885

#1	.0046811	.0146201	671.0647	.1132966	.0424155	.2218338	162.4948
#2	.0047247	.0143525	675.3803	.1124585	.0412160	.2227594	163.2145
#3	.0046689	.0143457	669.3812	.1125376	.0413814	.2199178	161.5152

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	3.362869	135.4947	.1176363	.0009214	5.616820	.1531467	.6062110
Stddev	.018919	.6573	.0019860	.0002602	.116055	.0009191	.0017925
%RSD	.5625740	.4850886	1.688244	28.23839	2.066205	.6001653	.2956880

#1	3.359395	135.4507	.1190742	.0011599	5.698182	.1521952	.6041464
#2	3.383284	136.1728	.1184644	.0006439	5.668355	.1532153	.6071164
#3	3.345928	134.8605	.1153703	.0009604	5.483922	.1540297	.6073702

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.516501	.3067820	-.388537	.0274025	5.316659	4.192732	.0006718
Stddev	.034289	.0016601	.002963	.0003847	.017334	.111641	.0013318
%RSD	1.362578	.5411445	.7626153	1.403804	.3260375	2.662719	198.2282

#1	2.527886	.3084741	-.391948	.0276185	5.336528	4.310799	.0004764
#2	2.543649	.3051558	-.387063	.0276307	5.308825	4.178520	-.000551
#3	2.477967	.3067161	-.386599	.0269584	5.304625	4.088878	.002091

Sample Name: I4716-03 Acquired: 8/16/2017 17:12:05 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v124) Mode: CONC Corr. Factor: 1.000000
 User: JASWAL Custom ID1: ME7GB3 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	1.823910	.0093557	.0833681
Stddev	.009880	.0000389	.0003254
%RSD	.5417098	.4155794	.3902749

#1	1.819240	.0093444	.0835161
#2	1.835259	.0093989	.0835931
#3	1.817230	.0093237	.0829950

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1056.505	1661.595	42276.90	9206.089	2401.337
Stddev	2.179	11.046	75.76	44.750	18.172
%RSD	.2062913	.6647853	.1791896	.4860947	.7567386

#1	1054.001	1648.980	42192.22	9185.859	2380.511
#2	1057.537	1669.534	42338.24	9175.026	2413.969
#3	1057.977	1666.271	42300.24	9257.382	2409.532

Sample Name: I4716-07 Acquired: 8/16/2017 17:16:09 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v124) Mode: CONC Corr. Factor: 1.000000
 User: JASWAL Custom ID1: ME7GB7 Custom ID2: Custom ID3:
 Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0277199	-.008425	.0522521	-.005776	.0000768	17.91334	.1054337
Stddev	.0047045	.001847	.0014402	.002674	.0019047	.06794	.0004806
%RSD	16.97167	21.91804	2.756152	46.29003	2481.094	.3792932	.4558661

#1	.0309218	-.008876	.0515015	-.006537	-.001721	17.92607	.1051519
#2	.0299193	-.006395	.0539125	-.002804	-.000122	17.97401	.1059886
#3	.0223185	-.010004	.0513423	-.007987	.002073	17.83993	.1051604

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0017886	.0055881	348.9551	.0461325	.0258133	.0899901	81.40565
Stddev	.0000872	.0002673	.4887	.0009462	.0003711	.0006960	.10449
%RSD	4.873237	4.783900	.1400432	2.051004	1.437801	.7734454	.1283597

#1	.0017153	.0053153	349.4103	.0451960	.0257270	.0895961	81.44311
#2	.0018850	.0058496	349.0164	.0461135	.0262200	.0895804	81.48625
#3	.0017656	.0055992	348.4387	.0470880	.0254930	.0907937	81.28759

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.381223	123.0150	.0617359	.0005629	.9233728	.0839584	.3915648
Stddev	.001743	.2199	.0009162	.0001617	.0579097	.0020645	.0048655
%RSD	.0731770	.1787986	1.484140	28.71787	6.271535	2.458936	1.242593

#1	2.381416	123.0504	.0611540	.0004018	.9483422	.0861176	.3899199
#2	2.382861	123.2151	.0627921	.0007251	.9646088	.0820039	.3877349
#3	2.379392	122.7795	.0612617	.0005619	.8571673	.0837538	.3970396

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.071240	.2311133	-.200122	.0047398	.9909026	3.124791	-.004262
Stddev	.015386	.0058567	.002198	.0002965	.0202371	.047220	.001893
%RSD	.7428463	2.534113	1.098269	6.255162	2.042285	1.511141	44.41331

#1	2.080432	.2269629	-.199045	.0050095	.9807885	3.072476	-.006440
#2	2.079812	.2378125	-.202651	.0044224	1.014203	3.164257	-.003011
#3	2.053478	.2285646	-.198671	.0047874	.977716	3.137640	-.003335

Sample Name: I4716-07 Acquired: 8/16/2017 17:16:09 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v124) Mode: CONC Corr. Factor: 1.000000
 User: JASWAL Custom ID1: ME7GB7 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.8877395	.0056055	.0297297
Stddev	.0141345	.0000938	.0001074
%RSD	1.592196	1.673363	.3612382

#1	.8886253	.0055879	.0296913
#2	.9014103	.0057069	.0298510
#3	.8731829	.0055218	.0296468

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1092.276	1708.036	43475.57	9228.586	2606.607
Stddev	8.479	30.287	197.20	14.630	50.394
%RSD	.7762694	1.773202	.4535964	.1585310	1.933333

#1	1096.371	1729.696	43564.57	9224.085	2642.201
#2	1097.931	1673.427	43612.58	9216.736	2548.943
#3	1082.527	1720.984	43249.55	9244.938	2628.678

Sample Name: I4716-08 Acquired: 8/16/2017 17:20:13 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v124) Mode: CONC Corr. Factor: 1.000000
 User: JASWAL Custom ID1: ME7GB8 Custom ID2: Custom ID3:
 Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1029663	-.006967	.5285635	.0029903	.0050494	22.41530	.5462371
Stddev	.0032522	.000909	.0014975	.0046210	.0009352	1.77134	.0402397
%RSD	3.158470	13.05370	.2833061	154.5299	18.52105	7.902391	7.366715

#1	.1061087	-.006475	.5272404	.0081762	.0061291	21.00374	.5142989
#2	.1031757	-.008017	.5282609	.0014853	.0045277	21.83918	.5329795
#3	.0996145	-.006410	.5301891	-.000691	.0044914	24.40299	.5914328

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0046268	.0150649	122.1923	.0852690	.0341940	1.316375	91.27774
Stddev	.0002595	.0003677	9.3864	.0046286	.0002310	.098612	6.97270
%RSD	5.607867	2.440802	7.681652	5.428183	.6756193	7.491141	7.638990

#1	.0043580	.0153752	114.3950	.0805123	.0340156	1.236679	85.60826
#2	.0046467	.0151606	119.5713	.0897578	.0341114	1.285792	89.16160
#3	.0048757	.0146588	132.6106	.0855369	.0344549	1.426655	99.06337

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.616601	58.39543	.0822534	.0017617	.9669667	.0974435	6.024964
Stddev	.118555	4.57524	.0002850	.0003138	.0615382	.0082637	.242896
%RSD	7.333628	7.834921	.3464497	17.81437	6.364045	8.480499	4.031486

#1	1.517556	54.78702	.0824494	.0015907	.9165168	.0929977	5.746101
#2	1.584281	56.85788	.0819265	.0015706	.9488552	.0923545	6.190373
#3	1.747964	63.54139	.0823843	.0021239	1.035528	.1069784	6.138419

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.607243	.5492570	-.175119	.0131460	8.818949	2.663284	.0183699
Stddev	.250403	.0001897	.008178	.0003483	.008730	.185104	.0005441
%RSD	9.604140	.0345375	4.670117	2.649525	.0989882	6.950223	2.961787

#1	2.404268	.5494021	-.167409	.0132784	8.814647	2.535674	.0179406
#2	2.530399	.5493265	-.174252	.0127509	8.813205	2.578596	.0189818
#3	2.887064	.5490423	-.183696	.0134087	8.828995	2.875582	.0181874

Sample Name: I4716-08 Acquired: 8/16/2017 17:20:13 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v124) Mode: CONC Corr. Factor: 1.000000
 User: JASWAL Custom ID1: ME7GB8 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.7507128	.0034580	.0582241
Stddev	.0599946	.0002909	.0043840
%RSD	7.991691	8.412033	7.529564

#1	.7028496	.0032512	.0548304
#2	.7312715	.0033323	.0566679
#3	.8180171	.0037906	.0631739

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1111.492	1728.258	45325.69	9145.020	2831.765
Stddev	44.973	4.201	1652.66	584.293	4.721
%RSD	4.046160	.2430927	3.646199	6.389195	.1667207

#1	1160.789	1723.435	47140.55	9636.034	2829.136
#2	1072.706	1731.122	43907.36	9300.233	2837.216
#3	1100.980	1730.216	44929.16	8498.792	2828.945

Sample Name: I4716-09 Acquired: 8/16/2017 17:24:15 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v124) Mode: CONC Corr. Factor: 1.000000
 User: JASWAL Custom ID1: ME7GB9 Custom ID2: Custom ID3:
 Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0799730	-.005712	.2065344	.0086996	.0011337	20.34524	.5354489
Stddev	.0080947	.000635	.0032317	.0007543	.0003487	.02802	.0003872
%RSD	10.12183	11.11843	1.564733	8.670588	30.75960	.1377364	.0723208

#1	.0731473	-.005994	.2089905	.0082293	.0011199	20.36429	.5358697
#2	.0778558	-.006157	.2077394	.0095696	.0007921	20.35837	.5353695
#3	.0889160	-.004985	.2028733	.0082999	.0014892	20.31306	.5351075

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0067647	.0063870	224.3281	.0841644	.0404499	.1940862	71.11772
Stddev	.0000606	.0002327	1.0070	.0012227	.0004115	.0008364	.22026
%RSD	.8955079	3.642650	.4488919	1.452718	1.017178	.4309212	.3097143

#1	.0067938	.0065137	225.4798	.0833119	.0406264	.1942490	71.29950
#2	.0066951	.0065289	223.8909	.0855652	.0407438	.1948291	71.18089
#3	.0068053	.0061185	223.6136	.0836160	.0399797	.1931803	70.87278

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.546500	40.52626	.0993275	.0010846	1.773212	.1021816	.6039657
Stddev	.005271	.11904	.0006017	.0001431	.043551	.0003045	.0065686
%RSD	.2069998	.2937328	.6057366	13.19790	2.456029	.2980187	1.087585

#1	2.552574	40.38888	.0998876	.0010455	1.797300	.1018330	.6022377
#2	2.543118	40.59869	.0994035	.0009650	1.799397	.1023955	.5984338
#3	2.543809	40.59123	.0986915	.0012432	1.722938	.1023165	.6112256

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.484240	.2898964	-.130289	.0093828	9.109174	2.641075	.0068142
Stddev	.042534	.0029798	.000982	.0006120	.072709	.010009	.0014540
%RSD	1.712157	1.027867	.7536061	6.522167	.7981903	.3789663	21.33807

#1	2.473491	.2918767	-.130117	.0099879	9.192122	2.649747	.0083541
#2	2.531117	.2913429	-.129405	.0087642	9.078938	2.643354	.0054648
#3	2.448111	.2864695	-.131346	.0093963	9.056462	2.630122	.0066237

Sample Name: I4716-09 Acquired: 8/16/2017 17:24:15 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v124) Mode: CONC Corr. Factor: 1.000000
 User: JASWAL Custom ID1: ME7GB9 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	1.204409	.0044098	.0956122
Stddev	.003791	.0000219	.0001335
%RSD	.3147616	.4975096	.1396522
#1	1.208438	.0043849	.0954626
#2	1.203876	.0044181	.0957192
#3	1.200912	.0044263	.0956549

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1092.491	1739.263	44505.15	9421.293	2760.346
Stddev	8.227	16.673	78.69	22.144	25.387
%RSD	.7530220	.9585961	.1768195	.2350371	.9197110
#1	1085.693	1728.170	44433.03	9401.451	2741.417
#2	1090.144	1731.183	44589.09	9417.249	2750.425
#3	1101.636	1758.435	44493.35	9445.180	2789.196

Sample Name: I4716-10 Acquired: 8/16/2017 17:28:18 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v124) Mode: CONC Corr. Factor: 1.000000
 User: JASWAL Custom ID1: ME7GC0 Custom ID2: Custom ID3:
 Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0463752	-.017616	1.650144	-.017021	.0082449	40.27339	.4918673
Stddev	.0021553	.001784	.012501	.001634	.0003904	.01386	.0009078
%RSD	4.647482	10.12596	.7575665	9.597366	4.735495	.0344214	.1845676

#1	.0446926	-.019670	1.636071	-.018541	.0078114	40.26936	.4927995
#2	.0456286	-.016724	1.654398	-.015294	.0083543	40.28883	.4918165
#3	.0488046	-.016454	1.659963	-.017226	.0085689	40.26200	.4909860

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0049789	.0164782	500.2933	.1132429	.0473550	.4948454	145.1997
Stddev	.0001028	.0000393	.3709	.0001069	.0002192	.0022060	.1546
%RSD	2.063870	.2383931	.0741451	.0944176	.4629778	.4457964	.1064580

#1	.0050476	.0164434	499.9506	.1132801	.0472945	.4972765	145.3638
#2	.0048608	.0165208	500.2420	.1133263	.0471723	.4929712	145.0568
#3	.0050283	.0164705	500.6871	.1131224	.0475981	.4942886	145.1785

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.611752	128.4908	.1378550	.0011187	1.593902	.1244676	2.700501
Stddev	.003458	.0334	.0001126	.0003947	.068574	.0007287	.028765
%RSD	.0616124	.0260083	.0816674	35.28450	4.302261	.5854210	1.065154

#1	5.608306	128.4678	.1377307	.0006769	1.523796	.1250501	2.731796
#2	5.611729	128.4755	.1379501	.0014366	1.660834	.1236505	2.694492
#3	5.615221	128.5292	.1378843	.0012427	1.597077	.1247021	2.675216

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.975390	.4081812	-.343530	.0110324	6.087953	7.858863	.0171918
Stddev	.031675	.0029514	.000266	.0003692	.029325	.044782	.0006985
%RSD	.6366385	.7230508	.0775413	3.346081	.4816819	.5698235	4.062970

#1	4.961784	.4048606	-.343462	.0112580	6.064933	7.904840	.0179123
#2	4.952791	.4091774	-.343304	.0106064	6.077958	7.815382	.0165176
#3	5.011595	.4105055	-.343823	.0112328	6.120969	7.856366	.0171455

Sample Name: I4716-10 Acquired: 8/16/2017 17:28:18 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v124) Mode: CONC Corr. Factor: 1.000000
 User: JASWAL Custom ID1: ME7GC0 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.9556173	.0083600	.0637441
Stddev	.0075496	.0000417	.0001184
%RSD	.7900256	.4986550	.1857805

#1	.9484531	.0083724	.0636258
#2	.9548978	.0083136	.0637438
#3	.9635008	.0083942	.0638627

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1032.625	1632.933	42084.67	9213.295	2440.167
Stddev	14.510	11.573	98.89	12.217	11.405
%RSD	1.405198	.7087143	.2349894	.1326005	.4673920

#1	1017.718	1645.167	41985.71	9199.481	2452.958
#2	1033.456	1622.160	42084.79	9222.677	2431.057
#3	1046.703	1631.472	42183.50	9217.728	2436.487

Sample Name: I4716-11 Acquired: 8/16/2017 17:32:20 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v124) Mode: CONC Corr. Factor: 1.000000
 User: JASWAL Custom ID1: ME7GC1 Custom ID2: Custom ID3:
 Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0238770	-.021848	.0680889	-.026108	.0011309	75.52956	.3509843
Stddev	.0039138	.002139	.0045521	.008623	.0021314	.11074	.0005328
%RSD	16.39156	9.789161	6.685566	33.02794	188.4644	.1466230	.1518110

#1	.0281990	-.020568	.0707437	-.021162	.0008668	75.59401	.3513914
#2	.0228599	-.020660	.0628327	-.036065	.0033820	75.59298	.3503812
#3	.0205722	-.024317	.0706904	-.021098	-.000856	75.40168	.3511803

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0058322	.0145927	788.0788	.1228902	.0836961	.1649185	170.6647
Stddev	.0001195	.0002878	2.8219	.0008620	.0014976	.0012086	.2756
%RSD	2.048996	1.972533	.3580751	.7014746	1.789331	.7328676	.1614576

#1	.0057187	.0142805	785.2205	.1225131	.0827384	.1662997	170.3556
#2	.0058210	.0146502	788.1528	.1238766	.0829280	.1640545	170.8846
#3	.0059569	.0148475	790.8629	.1222810	.0854219	.1644014	170.7540

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.410146	350.0771	.2085843	.0004248	2.354268	.1623354	.5429542
Stddev	.013314	.9459	.0033236	.0003324	.052104	.0010297	.0055096
%RSD	.3018839	.2702117	1.593423	78.27042	2.213193	.6343026	1.014745

#1	4.396056	349.0690	.2061962	.0006859	2.347720	.1617627	.5455596
#2	4.422515	350.9453	.2071766	.0005378	2.305747	.1617193	.5366251
#3	4.411867	350.2169	.2123802	.0000505	2.409337	.1635241	.5466779

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	18.17423	.3877762	-.353509	.0007709	4.349279	11.60465	-.002906
Stddev	.04198	.0069274	.001785	.0002882	.074734	.04093	.003230
%RSD	.2310109	1.786451	.5049962	37.38446	1.718318	.3526759	111.1443

#1	18.16990	.3827940	-.355538	.0010571	4.307766	11.57278	-.005354
#2	18.21821	.3848477	-.352812	.0007748	4.304517	11.59037	.000754
#3	18.13458	.3956869	-.352178	.0004808	4.435554	11.65080	-.004118

Sample Name: I4716-11 Acquired: 8/16/2017 17:32:20 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v124) Mode: CONC Corr. Factor: 1.000000
 User: JASWAL Custom ID1: ME7GC1 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	1.350178	.0281488	.0967784
Stddev	.003842	.0001430	.0001811
%RSD	.2845715	.5080728	.1871118

#1	1.350693	.0281671	.0968693
#2	1.353737	.0282817	.0968959
#3	1.346104	.0279975	.0965698

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1052.464	1655.178	42375.73	9329.870	2240.356
Stddev	4.913	18.745	150.82	28.984	31.149
%RSD	.4668427	1.132534	.3559134	.3106593	1.390379

#1	1047.626	1662.998	42300.29	9317.614	2256.941
#2	1052.318	1668.747	42549.39	9309.028	2259.704
#3	1057.449	1633.789	42277.52	9362.969	2204.423

Sample Name: I4716-12 Acquired: 8/16/2017 17:36:32 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v124) Mode: CONC Corr. Factor: 1.000000
 User: JASWAL Custom ID1: ME7GC2 Custom ID2: Custom ID3:
 Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0195923	-.021033	.0744315	-.026248	.0006416	90.34903	.5522180
Stddev	.0073560	.004715	.0017607	.005151	.0014733	.59344	.0029087
%RSD	37.54536	22.41511	2.365518	19.62293	229.6439	.6568293	.5267365

#1	.0277534	-.022251	.0760315	-.021339	.0011001	91.00111	.5553466
#2	.0175511	-.025018	.0747178	-.025796	-.001006	89.84060	.5495957
#3	.0134725	-.015829	.0725452	-.031611	.001831	90.20539	.5517116

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0062845	.0142604	523.7613	.1403383	.0933492	.1663151	173.3200
Stddev	.0000386	.0002282	2.9823	.0008334	.0006583	.0025359	1.0913
%RSD	.6149308	1.600292	.5693950	.5938719	.7052364	1.524790	.6296281

#1	.0063259	.0141885	527.1150	.1400634	.0938832	.1686954	174.5693
#2	.0062781	.0145158	522.7615	.1396770	.0935507	.1636479	172.5531
#3	.0062494	.0140767	521.4073	.1412744	.0926137	.1666019	172.8375

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.853958	224.7276	.2337265	.0009461	2.374572	.1855208	.5519460
Stddev	.031638	1.8331	.0007660	.0002647	.060006	.0021632	.0080841
%RSD	.5404468	.8157170	.3277480	27.98014	2.527010	1.166003	1.464660

#1	5.890465	226.8409	.2331254	.0010382	2.441922	.1880180	.5603291
#2	5.836866	223.5665	.2345890	.0006476	2.326801	.1843174	.5441984
#3	5.834543	223.7755	.2334651	.0011524	2.354994	.1842268	.5513105

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	15.94370	.3726142	-.378527	-.000029	.8331044	16.33087	.0002034
Stddev	.14148	.0014401	.001293	.000616	.0098135	.21178	.0016259
%RSD	.8873973	.3864925	.3415343	2149.064	1.177943	1.296800	799.2011

#1	16.06295	.3731625	-.378650	.000608	.8316660	16.48810	.0020804
#2	15.78737	.3736996	-.379754	-.000072	.8435577	16.09005	-.000769
#3	15.98079	.3709804	-.377177	-.000622	.8240895	16.41445	-.000701

Sample Name: I4716-12 Acquired: 8/16/2017 17:36:32 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v124) Mode: CONC Corr. Factor: 1.000000
 User: JASWAL Custom ID1: ME7GC2 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	1.341169	.0264339	.0726799
Stddev	.023996	.0002769	.0005239
%RSD	1.789214	1.047546	.7207723

#1	1.354726	.0267030	.0732483
#2	1.313462	.0261498	.0722166
#3	1.355318	.0264490	.0725746

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1100.371	1745.771	44008.01	9558.449	2387.446
Stddev	3.969	18.509	39.46	65.824	20.268
%RSD	.3606580	1.060231	.0896543	.6886452	.8489275

#1	1095.892	1729.686	43978.25	9483.178	2371.807
#2	1101.775	1741.624	43993.03	9586.951	2380.188
#3	1103.447	1766.001	44052.77	9605.219	2410.344

Sample Name: I4716-13 Acquired: 8/16/2017 17:40:36 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v124) Mode: CONC Corr. Factor: 1.000000
 User: JASWAL Custom ID1: ME7GC3 Custom ID2: Custom ID3:
 Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0189973	-.016130	.0667716	-.022077	.0002418	91.36071	.3866127
Stddev	.0029840	.000465	.0012401	.002768	.0003265	2.53899	.0092848
%RSD	15.70741	2.880663	1.857254	12.53749	135.0200	2.779084	2.401586

#1	.0165003	-.015790	.0670645	-.023582	.0001826	89.74407	.3802378
#2	.0223020	-.016659	.0678391	-.023767	-.000051	94.28712	.3972653
#3	.0181897	-.015941	.0654113	-.018883	.000594	90.05093	.3823349

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0062697	.0123556	399.4618	.1384633	.0626687	.1422341	167.0190
Stddev	.0001898	.0002916	12.2035	.0020741	.0006386	.0056997	4.9753
%RSD	3.026385	2.360146	3.054983	1.497970	1.019059	4.007287	2.978882

#1	.0062315	.0126857	392.6594	.1402486	.0632272	.1398664	164.3322
#2	.0064757	.0122481	413.5504	.1389532	.0628065	.1487361	172.7600
#3	.0061020	.0121331	392.1757	.1361880	.0619724	.1380998	163.9647

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.444858	180.8144	.1905133	.0011929	2.147049	.1721133	.5061847
Stddev	.071735	5.3250	.0019319	.0002957	.032717	.0037968	.0075128
%RSD	2.934119	2.944990	1.014059	24.78834	1.523800	2.205995	1.484201

#1	2.400601	177.5946	.1923553	.0008516	2.128250	.1724346	.5134069
#2	2.527624	186.9609	.1906821	.0013723	2.184827	.1757392	.4984116
#3	2.406349	177.8878	.1885026	.0013548	2.128071	.1681660	.5067357

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	15.50686	.3171999	-.358847	-.000880	.7037839	18.49049	-.001551
Stddev	.39774	.0036119	.010040	.000330	.0075425	.78394	.000951
%RSD	2.564934	1.138694	2.797745	37.44859	1.071700	4.239701	61.31467

#1	15.22013	.3209630	-.354349	-.001253	.7103770	18.40865	-.002325
#2	15.96093	.3168759	-.370349	-.000625	.7054156	19.31214	-.000489
#3	15.33952	.3137610	-.351843	-.000763	.6955592	17.75068	-.001838

Sample Name: I4716-13 Acquired: 8/16/2017 17:40:36 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v124) Mode: CONC Corr. Factor: 1.000000
 User: JASWAL Custom ID1: ME7GC3 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	1.311751	.0259383	.0642149
Stddev	.032444	.0006029	.0016714
%RSD	2.473302	2.324230	2.602796

#1	1.287223	.0254570	.0631422
#2	1.348538	.0266145	.0661407
#3	1.299492	.0257433	.0633618

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1114.462	1773.897	44722.44	9493.581	2482.422
Stddev	12.715	15.432	710.08	231.642	27.976
%RSD	1.140941	.8699722	1.587742	2.439985	1.126974

#1	1101.985	1756.223	44284.34	9609.382	2453.099
#2	1113.999	1780.766	44341.27	9226.873	2485.347
#3	1127.403	1784.702	45541.70	9644.488	2508.821

Sample Name: I4716-14 Acquired: 8/16/2017 17:44:41 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v124) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: ME7GC4 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0145400	-.015942	.0903902	-.023025	.0040969	54.45560	.4880506
Stddev	.0029010	.001224	.0008744	.001297	.0018564	.11166	.0006388
%RSD	19.95171	7.677304	.9673508	5.635025	45.31183	.2050503	.1308882

#1	.0123504	-.016483	.0910782	-.023818	.0030611	54.57253	.4885016
#2	.0178302	-.016802	.0906860	-.023729	.0062400	54.44418	.4883305
#3	.0134395	-.014541	.0894062	-.021528	.0029895	54.35009	.4873196

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0039467	.0111026	63.45321	.2235023	.0238384	.6309853	180.9815
Stddev	.0000753	.0002633	.20830	.0014965	.0003823	.0044734	.3578
%RSD	1.907093	2.371901	.3282747	.6695531	1.603801	.7089573	.1976860

#1	.0039464	.0110280	63.21969	.2223745	.0242670	.6336138	180.6182
#2	.0038715	.0108846	63.52005	.2251999	.0237153	.6335219	180.9927
#3	.0040221	.0113952	63.61989	.2229324	.0235327	.6258201	181.3335

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	7.740620	7.773950	.1342745	.0022087	1.435610	.1174416	.7596799
Stddev	.015999	.059163	.0010102	.0001093	.005675	.0007723	.0020035
%RSD	.2066829	.7610398	.7523301	4.948410	.3953232	.6576101	.2637289

#1	7.722492	7.779730	.1354159	.0023346	1.430080	.1179223	.7604048
#2	7.746604	7.830011	.1339125	.0021534	1.435328	.1178518	.7612201
#3	7.752764	7.712109	.1334953	.0021380	1.441420	.1165507	.7574149

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.541675	.1259869	-.444798	.0247100	.9008848	4.289125	.0204022
Stddev	.024933	.0009138	.001961	.0009155	.0007497	.038534	.0013783
%RSD	.9809550	.7253155	.4408663	3.705153	.0832215	.8984117	6.755589

#1	2.567573	.1267444	-.444940	.0256787	.9003565	4.307660	.0209433
#2	2.539617	.1262442	-.446684	.0245922	.9005550	4.244826	.0188354
#3	2.517835	.1249720	-.442770	.0238590	.9017429	4.314888	.0214278

Sample Name: I4716-14 Acquired: 8/16/2017 17:44:41 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v124) Mode: CONC Corr. Factor: 1.000000
 User: JASWAL Custom ID1: ME7GC4 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	2.115296	.0046665	.0286849
Stddev	.001721	.0000445	.0000784
%RSD	.0813792	.9531129	.2733690

#1	2.113311	.0047177	.0287645
#2	2.116382	.0046449	.0286827
#3	2.116194	.0046369	.0286077

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1134.648	1788.216	45205.16	9346.899	2911.623
Stddev	11.638	21.620	171.99	31.397	26.627
%RSD	1.025732	1.209051	.3804680	.3359076	.9145083

#1	1121.373	1763.258	45053.19	9311.325	2881.173
#2	1139.475	1801.220	45170.41	9358.636	2923.164
#3	1143.097	1800.170	45391.87	9370.738	2930.533

Sample Name: I4716-15 Acquired: 8/16/2017 17:48:50 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v124) Mode: CONC Corr. Factor: 1.000000
 User: JASWAL Custom ID1: ME7GC5 Custom ID2: Custom ID3:
 Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0268947	-.011164	.2747114	-.016455	.0019044	105.5932
Stddev	.0029121	.002784	.0018725	.004490	.0016102	.1391
%RSD	10.82763	24.93529	.6816120	27.28401	84.55031	.1317121

#1	.0250435	-.013851	.2768055	-.019949	.0018696	105.6738
#2	.0302514	-.011350	.2731982	-.018025	.0003119	105.6732
#3	.0253894	-.008292	.2741305	-.011391	.0035317	105.4326

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.2994240	.0031916	.0146594	179.9523	.1614245	.0329079
Stddev	.0000974	.0000598	.0001192	1.1918	.0023432	.0003026
%RSD	.0325319	1.872486	.8128765	.6622750	1.451595	.9194997

#1	.2993924	.0031303	.0147966	178.6625	.1641275	.0331724
#2	.2995333	.0032497	.0145996	181.0127	.1601790	.0325780
#3	.2993463	.0031950	.0145819	180.1818	.1599671	.0329733

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	3.090144	106.2791	2.872881	75.52831	.2317617	.0027853
Stddev	.013638	.5501	.012063	.20440	.0022657	.0002085
%RSD	.4413524	.5175596	.4199002	.2706296	.9775843	7.485867

#1	3.104904	105.6825	2.859496	75.39021	.2343751	.0026472
#2	3.087521	106.7661	2.882914	75.76312	.2303504	.0026837
#3	3.078008	106.3886	2.876232	75.43160	.2305597	.0030252

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.9048047	.1085080	F 35.38550	4.776965	.2961741	-.233849
Stddev	.1326696	.0023559	.43287	.015916	.0017574	.002050
%RSD	14.66279	2.171196	1.223311	.3331775	.5933492	.8767209

#1	.9436785	.1105559	35.52358	4.758852	.2979258	-.234606
#2	1.013695	.1059333	35.73249	4.783329	.2944112	-.235414
#3	.757041	.1090348	34.90043	4.788714	.2961852	-.231528

Sample Name: I4716-15 Acquired: 8/16/2017 17:48:50 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v124) Mode: CONC Corr. Factor: 1.000000
 User: JASWAL Custom ID1: ME7GC5 Custom ID2: Custom ID3:
 Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0131532	2.143624	4.852989	.0426587	.6789129	.0070428
Stddev	.0002974	.023172	.044825	.0015316	.0056583	.0001056
%RSD	2.261112	1.080978	.9236669	3.590411	.8334311	1.499623
#1	.0132706	2.168939	4.817023	.0433585	.6749914	.0071375
#2	.0128150	2.123463	4.838736	.0409022	.6763480	.0070621
#3	.0133740	2.138470	4.903208	.0437154	.6853994	.0069289

Elem	Sr4077
Units	ppm
Avg	.0254934
Stddev	.0000825
%RSD	.3235954
#1	.0255883
#2	.0254528
#3	.0254390

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1120.905	1740.798	44600.58	9479.586	2678.015
Stddev	20.721	16.630	696.96	21.072	26.044
%RSD	1.848638	.9552924	1.562673	.2222902	.9725034
#1	1108.118	1722.671	44130.76	9487.013	2648.116
#2	1109.785	1755.349	44269.62	9455.805	2695.755
#3	1144.813	1744.375	45401.36	9495.938	2690.175

Sample Name: I4716-16 Acquired: 8/16/2017 17:52:52 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v124) Mode: CONC Corr. Factor: 1.000000
 User: JASWAL Custom ID1: ME7GC6 Custom ID2: Custom ID3:
 Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0052940	-.004103	.0221341	-.001827	-.001586	15.99250	.0837953
Stddev	.0017104	.000328	.0015325	.003112	.001119	.15045	.0005218
%RSD	32.30822	7.998486	6.923574	170.3465	70.52437	.9407811	.6227221

#1	.0036621	-.003850	.0215136	-.004867	-.000374	15.85310	.0833562
#2	.0051466	-.004473	.0238795	.001352	-.002578	16.15199	.0843722
#3	.0070734	-.003984	.0210091	-.001966	-.001807	15.97240	.0836576

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0013108	.0023203	82.49891	.0316783	.0140586	.0322112	41.61480
Stddev	.0000945	.0000290	1.29971	.0010534	.0003282	.0008707	.59605
%RSD	7.212216	1.251626	1.575428	3.325326	2.334240	2.702981	1.432295

#1	.0012132	.0023161	81.21560	.0325616	.0141899	.0313650	40.99370
#2	.0013173	.0022935	83.81443	.0305124	.0143007	.0331044	42.18215
#3	.0014020	.0023512	82.46670	.0319609	.0136851	.0321641	41.66856

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.5799476	32.13374	.0282866	.0003581	.6200968	.0744414	.1655998
Stddev	.0092414	.44374	.0003121	.0003017	.0202450	.0001696	.0018238
%RSD	1.593493	1.380904	1.103410	84.24742	3.264811	.2278706	1.101355

#1	.5698866	31.73912	.0279419	.0005886	.6431955	.0743014	.1641385
#2	.5880580	32.61408	.0285501	.0004690	.6054332	.0743928	.1650172
#3	.5818984	32.04801	.0283677	.0000167	.6116618	.0746300	.1676438

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.7467411	.1432904	-.101238	.0004735	.7130586	3.956514	-.001539
Stddev	.0289319	.0012791	.001029	.0000651	.0031669	.117538	.000567
%RSD	3.874420	.8926639	1.015980	13.74612	.4441222	2.970754	36.86164

#1	.7133347	.1429456	-.100696	.0004876	.7102027	3.822903	-.001796
#2	.7636907	.1447066	-.102424	.0005305	.7164644	4.043967	-.001934
#3	.7631981	.1422191	-.100594	.0004026	.7125088	4.002672	-.000889

Sample Name: I4716-16 Acquired: 8/16/2017 17:52:52 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v124) Mode: CONC Corr. Factor: 1.000000
 User: JASWAL Custom ID1: ME7GC6 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	1.265188	.0021212	.0107877
Stddev	.012878	.0000874	.0000829
%RSD	1.017867	4.120030	.7682255

#1	1.251974	.0020687	.0107436
#2	1.277701	.0020729	.0108833
#3	1.265891	.0022221	.0107361

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1140.795	1800.829	45586.18	9389.115	2965.479
Stddev	8.842	6.086	295.31	110.445	13.207
%RSD	.7750807	.3379429	.6478105	1.176307	.4453530

#1	1135.991	1795.697	45284.81	9486.050	2961.083
#2	1135.396	1799.237	45598.69	9268.878	2955.032
#3	1151.000	1807.552	45875.04	9412.415	2980.324

Sample Name: I4716-17 Acquired: 8/16/2017 17:56:58 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v124) Mode: CONC Corr. Factor: 1.000000
 User: JASWAL Custom ID1: ME7GC7 Custom ID2: Custom ID3:
 Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0468025	-.021066	.0635846	-.027186	-.000315	76.85123
Stddev	.0055248	.001396	.0028301	.003253	.000722	.48184
%RSD	11.80450	6.627772	4.450907	11.96583	229.0844	.6269745

#1	.0496539	-.021918	.0642691	-.028478	-.000293	77.27500
#2	.0503190	-.021826	.0660097	-.023486	-.001048	76.95156
#3	.0404346	-.019455	.0604750	-.029595	.000396	76.32712

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.4336570	.0057212	.0140017	F 806.4584	.1288849	.1114098
Stddev	.0030422	.0000166	.0001945	3.3550	.0005362	.0003794
%RSD	.7015338	.2904854	1.389399	.4160106	.4160400	.3405338

#1	.4366609	.0057102	.0139463	810.2846	.1282850	.1118346
#2	.4337322	.0057403	.0138408	805.0703	.1293176	.1111046
#3	.4305778	.0057130	.0142179	804.0202	.1290521	.1112904

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1623928	171.1840	5.103580	300.1542	.2447601	.0010427
Stddev	.0006617	.7680	.024088	1.4068	.0015671	.0002739
%RSD	.4074685	.4486623	.4719764	.4686767	.6402631	26.26370

#1	.1628457	171.9058	5.125778	301.6239	.2465568	.0009635
#2	.1626992	171.2692	5.106994	300.0186	.2440477	.0013475
#3	.1616334	170.3768	5.077967	298.8202	.2436757	.0008172

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.637275	.1768080	.5325239	16.21425	.3728861	-.369803
Stddev	.046340	.0047924	.0009794	.15750	.0001588	.000561
%RSD	1.757135	2.710502	.1839174	.9713559	.0425841	.1516543

#1	2.652463	.1823272	.5333296	16.34384	.3727574	-.370310
#2	2.674116	.1737004	.5328085	16.25995	.3730635	-.369899
#3	2.585247	.1743965	.5314338	16.03895	.3728372	-.369201

Sample Name: I4716-17 Acquired: 8/16/2017 17:56:58 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v124) Mode: CONC Corr. Factor: 1.000000
 User: JASWAL Custom ID1: ME7GC7 Custom ID2: Custom ID3:
 Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0022279	1.568907	12.37747	-.000674	1.402440	.0265268
Stddev	.0002636	.010003	.47161	.000119	.005604	.0002848
%RSD	11.83074	.6376040	3.810245	17.64936	.3995698	1.073596
#1	.0023615	1.580051	12.66554	-.000713	1.403744	.0268325
#2	.0023979	1.560703	12.63365	-.000769	1.407276	.0264788
#3	.0019243	1.565966	11.83321	-.000541	1.396299	.0262690

Elem	Sr4077
Units	ppm
Avg	.1278367
Stddev	.0009672
%RSD	.7565912
#1	.1287063
#2	.1280088
#3	.1267950

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1049.597	1662.801	41980.93	9224.005	2273.434
Stddev	1.150	6.677	104.55	64.915	.593
%RSD	.1095715	.4015781	.2490323	.7037572	.0260899
#1	1050.190	1667.571	41919.07	9161.150	2273.096
#2	1048.271	1655.169	41922.08	9220.067	2273.088
#3	1050.330	1665.661	42101.64	9290.800	2274.119

Sample Name: I4716-18 Acquired: 8/16/2017 18:01:11 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v124) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: ME7GC8 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0160321	-.001691	.0202870	-.001439	-.000866	33.85531	.1495005
Stddev	.0024015	.000869	.0011007	.003309	.000522	.48402	.0014727
%RSD	14.97947	51.38459	5.425787	229.9597	60.25428	1.429672	.9850625

#1	.0187869	-.002628	.0194592	.001262	-.000485	34.14673	.1497785
#2	.0143802	-.000913	.0215361	-.005130	-.000652	33.29658	.1479086
#3	.0149291	-.001530	.0198657	-.000449	-.001460	34.12261	.1508143

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0016596	.0021883	4.498914	.0423958	.0243874	.0238116	45.53431
Stddev	.0001526	.0001451	.079418	.0002930	.0001949	.0002480	.69655
%RSD	9.196644	6.631143	1.765281	.6910481	.7993673	1.041515	1.529734

#1	.0017211	.0023498	4.557044	.0425715	.0245298	.0240022	45.92722
#2	.0014858	.0021463	4.408424	.0420576	.0241652	.0235312	44.73006
#3	.0017719	.0020688	4.531273	.0425584	.0244671	.0239013	45.94563

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.2081926	4.555541	.0407597	.0005016	.6396383	.0685589	.0924611
Stddev	.0034546	.083322	.0003282	.0002428	.1225597	.0005776	.0026131
%RSD	1.659333	1.829024	.8052212	48.40653	19.16078	.8424970	2.826192

#1	.2103377	4.537134	.0411383	.0007713	.7020922	.0684101	.0953470
#2	.2042074	4.482962	.0405575	.0004327	.4984317	.0680702	.0917810
#3	.2100325	4.646527	.0405831	.0003007	.7183909	.0691964	.0902552

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.5438769	.0758267	-.116278	.0025530	.1896037	2.231501	.0026107
Stddev	.0099337	.0005294	.001498	.0002763	.0012607	.046408	.0004881
%RSD	1.826464	.6982400	1.288224	10.82196	.6649228	2.079661	18.69614

#1	.5553396	.0753779	-.117886	.0028717	.1900011	2.278253	.0031616
#2	.5377800	.0764106	-.114921	.0024068	.1881922	2.185446	.0022322
#3	.5385110	.0756915	-.116029	.0023807	.1906178	2.230802	.0024382

Sample Name: I4716-18 Acquired: 8/16/2017 18:01:11 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v124) Mode: CONC Corr. Factor: 1.000000
 User: JASWAL Custom ID1: ME7GC8 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.8164256	.0020588	.0042977
Stddev	.0087408	.0000264	.0000877
%RSD	1.070621	1.281650	2.040045

#1	.8199276	.0020516	.0043477
#2	.8064768	.0020880	.0041964
#3	.8228724	.0020367	.0043489

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1174.210	1848.157	46456.44	9453.604	3189.031
Stddev	7.136	8.061	79.01	143.943	13.943
%RSD	.6077591	.4361648	.1700700	1.522623	.4372070

#1	1167.219	1842.914	46367.84	9342.486	3174.765
#2	1181.483	1844.118	46481.90	9616.210	3189.703
#3	1173.927	1857.439	46519.58	9402.116	3202.626

Sample Name: I4716-19 Acquired: 8/16/2017 18:05:19 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v124) Mode: CONC Corr. Factor: 1.000000
 User: JASWAL Custom ID1: ME7GC9 Custom ID2: Custom ID3:
 Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0536749	-.023277	.0754802	-.036383	.0011436	75.93427	.4448287
Stddev	.0046863	.002237	.0017137	.004444	.0020420	.17498	.0013905
%RSD	8.730960	9.612180	2.270434	12.21494	178.5552	.2304347	.3125823

#1	.0587783	-.022749	.0751305	-.038581	.0030307	76.10178	.4462978
#2	.0495649	-.025731	.0773419	-.031268	.0014244	75.75267	.4435331
#3	.0526815	-.021351	.0739684	-.039299	-.001024	75.94837	.4446551

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0060915	.0150628	706.2875	.1169715	.1371862	.1901070	190.3646
Stddev	.0000161	.0001530	1.9647	.0004586	.0007855	.0012017	.4796
%RSD	.2642169	1.015773	.2781677	.3920589	.5726061	.6321465	.2519567

#1	.0060933	.0152393	708.5187	.1174397	.1366697	.1914441	190.8600
#2	.0060746	.0149667	704.8167	.1169517	.1367988	.1897597	190.3312
#3	.0061066	.0149826	705.5271	.1165232	.1380902	.1891171	189.9025

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.872072	279.5930	.2590326	.0009198	2.635506	.1841777	.5288174
Stddev	.011232	.5960	.0001073	.0002593	.013661	.0014702	.0052874
%RSD	.1912742	.2131502	.0414249	28.18756	.5183590	.7982485	.9998490

#1	5.884918	280.0985	.2590408	.0011038	2.645910	.1826058	.5258711
#2	5.867194	279.7446	.2591356	.0006233	2.620035	.1844082	.5256596
#3	5.864103	278.9359	.2589214	.0010324	2.640572	.1855190	.5349215

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	15.96588	.3465513	-.426640	.0008243	.9645258	12.29958	-.000106
Stddev	.01150	.0017396	.002225	.0006516	.0054388	.03434	.000739
%RSD	.0720412	.5019845	.5215476	79.04881	.5638853	.2791949	693.9542

#1	15.96933	.3477345	-.425247	.0007179	.9598921	12.33785	-.000958
#2	15.95304	.3445539	-.425467	.0002324	.9705138	12.28944	.000365
#3	15.97525	.3473655	-.429207	.0015225	.9631715	12.27145	.000273

Sample Name: I4716-19 Acquired: 8/16/2017 18:05:19 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v124) Mode: CONC Corr. Factor: 1.000000
 User: JASWAL Custom ID1: ME7GC9 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	1.290328	.0232043	.0815902
Stddev	.010369	.0000912	.0002272
%RSD	.8035606	.3929361	.2785032

#1	1.293438	.0232234	.0817345
#2	1.278760	.0232844	.0817078
#3	1.298785	.0231050	.0813283

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1070.943	1680.212	42669.48	9294.150	2315.010
Stddev	3.294	7.470	156.33	23.854	4.236
%RSD	.3075532	.4446085	.3663725	.2566554	.1829639

#1	1068.872	1671.591	42525.10	9266.867	2310.136
#2	1074.741	1684.775	42647.83	9304.510	2317.796
#3	1069.215	1684.269	42835.50	9311.072	2317.098

Sample Name: CCV023 Acquired: 8/16/2017 18:17:29 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v124) Mode: CONC Corr. Factor: 1.000000
 User: JASWAL Custom ID1: CCV023 Custom ID2: Custom ID3:
 Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.941417	4.667977	23.73148	4.923646	4.892129	385.8268
Stddev	.101573	.069577	.35056	.096837	.093816	6.6159
%RSD	2.055534	1.490525	1.477203	1.966765	1.917696	1.714739

#1	4.845197	4.597217	23.36405	4.824066	4.796164	386.6958
#2	5.047607	4.736308	24.06230	5.017483	4.983637	391.9653
#3	4.931447	4.670407	23.76809	4.929388	4.896585	378.8193

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	9.724173	.4889329	2.401685	389.5773	14.65159	2.458024
Stddev	.133669	.0014285	.037974	5.4544	.08162	.037888
%RSD	1.374610	.2921732	1.581128	1.400094	.5570515	1.541399

#1	9.678698	.4897089	2.361889	390.9013	14.71991	2.417982
#2	9.874646	.4898056	2.437526	394.2479	14.67366	2.493308
#3	9.619173	.4872844	2.405641	383.5827	14.56121	2.462781

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	15.15749	383.1300	14.54937	394.9657	2.323513	1.335280
Stddev	.27764	5.4853	.19930	5.6703	.036910	.013955
%RSD	1.831683	1.431714	1.369812	1.435638	1.588522	1.045093

#1	15.33924	384.8190	14.60381	397.0939	2.285467	1.344900
#2	15.29532	387.5722	14.71580	399.2639	2.359170	1.341665
#3	14.83791	376.9988	14.32851	388.5392	2.325902	1.319275

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	396.7280	2.359972	15.55445	152.0016	F 6.353759	F 4.204441
Stddev	7.4796	.039900	.31336	2.7954	.102771	.027624
%RSD	1.885329	1.690699	2.014625	1.839061	1.617482	.6570110

#1	400.7453	2.372542	15.72967	153.8066	6.245480	4.211451
#2	401.3405	2.392074	15.74102	153.4167	6.449953	4.227883
#3	388.0981	2.315301	15.19267	148.7817	6.365844	4.173987

Sample Name: CCV023 Acquired: 8/16/2017 18:17:29 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v124) Mode: CONC Corr. Factor: 1.000000
 User: JASWAL Custom ID1: CCV023 Custom ID2: Custom ID3:
 Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.882912	5.107270	4.783531	4.819725	4.930644	6.257316
Stddev	.088760	.091464	.029338	.086379	.082293	.086208
%RSD	1.817761	1.790860	.6133148	1.792199	1.669015	1.377712
#1	4.791498	5.009244	4.796246	4.733901	4.972900	6.271163
#2	4.968755	5.190325	4.804367	4.906649	4.983224	6.335762
#3	4.888482	5.122240	4.749980	4.818625	4.835807	6.165023

Elem	Sr4077
Units	ppm
Avg	7.083590
Stddev	.097326
%RSD	1.373959
#1	7.134691
#2	7.144721
#3	6.971357

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	930.9009	1518.480	37867.94	8437.057	2095.897
Stddev	22.3660	25.918	641.34	123.315	32.493
%RSD	2.402623	1.706852	1.693624	1.461585	1.550331
#1	915.7211	1545.722	37539.02	8373.323	2129.919
#2	920.3959	1494.128	37457.78	8358.652	2065.186
#3	956.5855	1515.590	38607.00	8579.197	2092.587

Sample Name: CCB023 Acquired: 8/16/2017 18:21:51 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v124) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: CCB023 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.004279	-.000446	-.000556	.0008010	-.000557	.0001480	-.003493
Stddev	.002191	.000395	.000312	.0021447	.000048	.0019706	.000183
%RSD	51.20685	88.54192	56.08492	267.7680	8.609956	1331.105	5.238510

#1	-.002321	-.000535	-.000677	-.000070	-.000544	-.001065	-.003284
#2	-.006646	-.000014	-.000790	-.000771	-.000610	.002422	-.003570
#3	-.003872	-.000789	-.000202	.003244	-.000517	-.000912	-.003625

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000039	-.000183	-.018377	-.001186	-.000247	.0014252	-.001747
Stddev	.000047	.000035	.000362	.000206	.000096	.0005162	.003348
%RSD	120.5533	18.96108	1.967920	17.40903	38.84642	36.22241	191.6864

#1	-.000087	-.000146	-.018433	-.001266	-.000346	.0008573	.001020
#2	-.000036	-.000215	-.018707	-.000951	-.000155	.0015521	-.000791
#3	.000007	-.000187	-.017991	-.001339	-.000240	.0018661	-.005468

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000032	.0190627	.0001254	-.000000	-.082011	.0006507	-.001316
Stddev	.000179	.0193223	.0001362	.000414	.083576	.0022311	.002921
%RSD	557.2644	101.3622	108.6507	799903.4	101.9079	342.8875	222.0465

#1	.000106	-.001941	.0001521	.000452	.007111	-.001845	-.001626
#2	-.000235	.023046	-.000022	-.000093	-.158632	.002453	.001748
#3	.000032	.036083	.000246	-.000360	-.094513	.001344	-.004069

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-1.06608	-.000022	.0021043	.0006323	-.014303	-.014368	-.001490
Stddev	.03244	.000058	.0006624	.0002003	.003816	.001346	.000423
%RSD	3.042486	256.5494	31.47654	31.68288	26.67908	9.369483	28.35109

#1	-1.09068	-.000035	.0027201	.0008427	-.013966	-.013742	-.001968
#2	-1.02932	.000040	.0014036	.0006105	-.010667	-.013450	-.001340
#3	-1.07823	-.000073	.0021891	.0004438	-.018276	-.015914	-.001164

Sample Name: CCB023 Acquired: 8/16/2017 18:21:51 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v124) Mode: CONC Corr. Factor: 1.000000
 User: JASWAL Custom ID1: CCB023 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.0004758	-.000470	.0000898
Stddev	.0007527	.000039	.0000038
%RSD	158.1909	8.381777	4.203779

#1	.0000096	-.000458	.0000910
#2	.0013441	-.000515	.0000855
#3	.0000737	-.000439	.0000928

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1230.735	1936.423	48313.34	9436.377	3508.215
Stddev	1.659	7.069	169.49	52.200	13.578
%RSD	.1348184	.3650592	.3508159	.5531832	.3870388

#1	1232.270	1929.366	48273.09	9494.898	3497.341
#2	1230.961	1936.399	48499.33	9419.621	3503.870
#3	1228.975	1943.504	48167.59	9394.612	3523.433