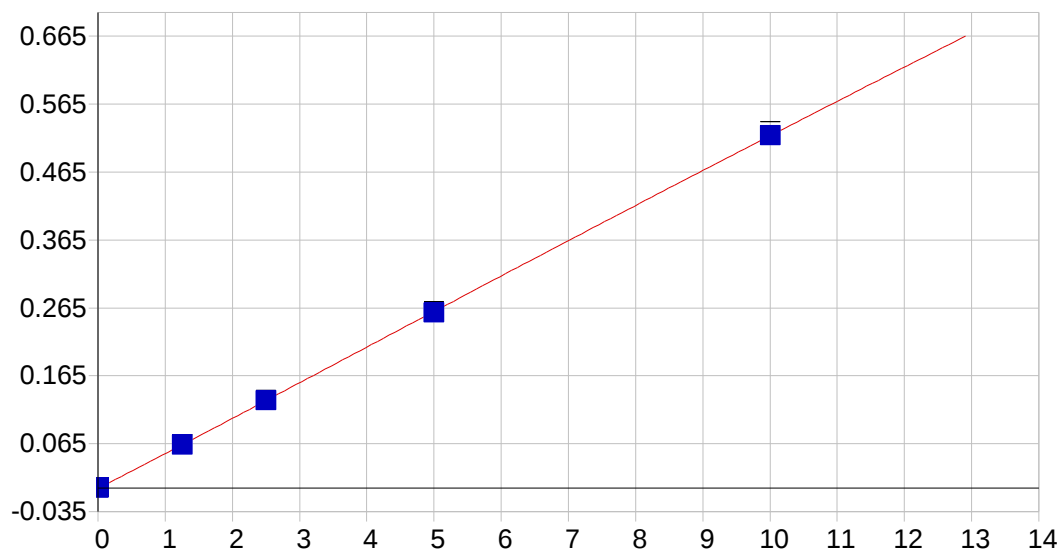


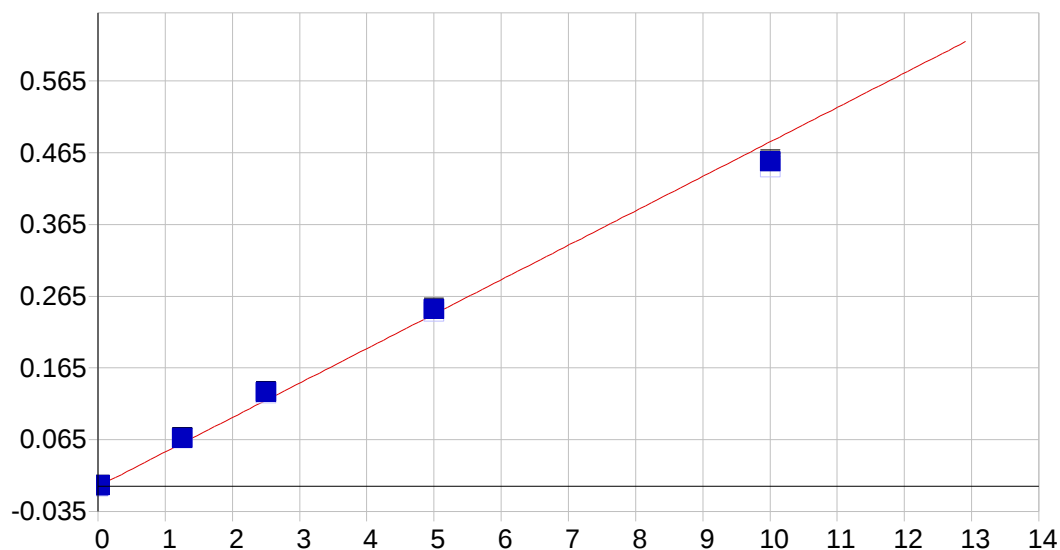


As 189.042 {479}

Date of Fit: 10/10/2017 11:08:28 Type of Fit: Full Fit Weighting: 1/Conc

A0 (Offset): -0.000151 Re-Slope: 1.000000
 A1 (Gain): 0.050616 Y-int: 0.000000
 A2 (Curvature): -0.000207
 n (Exponent): 1.030000
 Correlation: 0.999986 Status: OK.
 Std Error of Est: 0.000007
 Predicted MDL: 0.004549
 Predicted MQL: 0.015162

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	-.00015	.000	1
S1	.01000	.00807	-.002	-19.3	.00020	.000	1
S2	1.2500	1.2598	.010	.787	.06371	.000	1
S3	2.5000	2.5086	.009	.344	.12896	.000	1
S4	5.0000	4.9740	-.026	-.521	.25830	.001	1
S5	10.000	10.010	.010	.097	.51875	.006	1

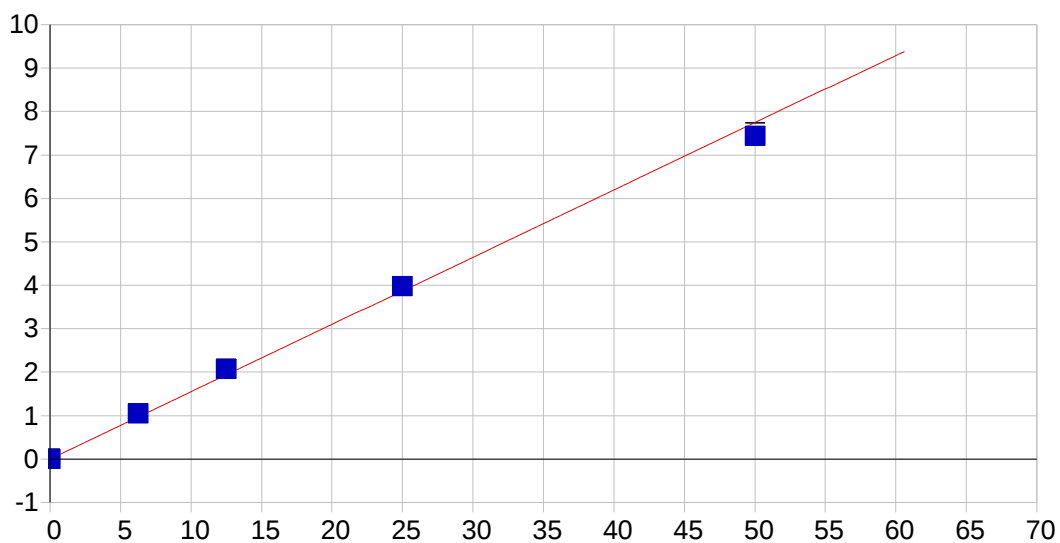


TI 190.856 {477}

Date of Fit: 10/10/2017 11:08:28 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.000099 Re-Slope: 1.000000
 A1 (Gain): 0.048018 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.997707 Status: OK.
 Std Error of Est: 0.000085
 Predicted MDL: 0.002785
 Predicted MQL: 0.009284

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00001	.000	.000	-.00010	.000	1
S1	.02500	.03020	.005	20.8	.00125	.000	1
S2	1.2500	1.4120	.162	13.0	.06661	.000	1
S3	2.5000	2.7453	.245	9.81	.12954	.001	1
S4	5.0000	5.1557	.156	3.11	.24310	.001	1
S5	10.000	9.4320	-.568	-5.68	.44408	.002	1

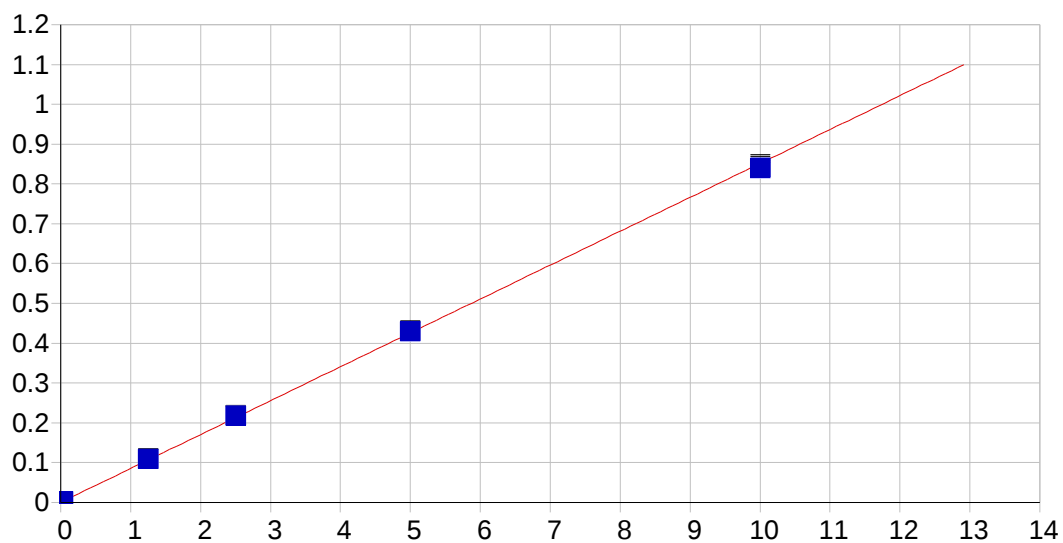


Pb 220.353 {453}

Date of Fit: 10/10/2017 11:08:28 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.000024 Re-Slope: 1.000000
 A1 (Gain): 0.154891 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.998975 Status: OK.
 Std Error of Est: 0.000263
 Predicted MDL: 0.001805
 Predicted MQL: 0.006018

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	-.00002	.000	1
S1	.01000	.00967	.000	-3.30	.00147	.000	1
S2	6.2500	6.7395	.490	7.83	1.0442	.002	1
S3	12.500	13.351	.851	6.81	2.0685	.003	1
S4	25.000	25.652	.652	2.61	3.9744	.001	1
S5	50.000	48.008	-1.99	-3.98	7.4382	.076	1

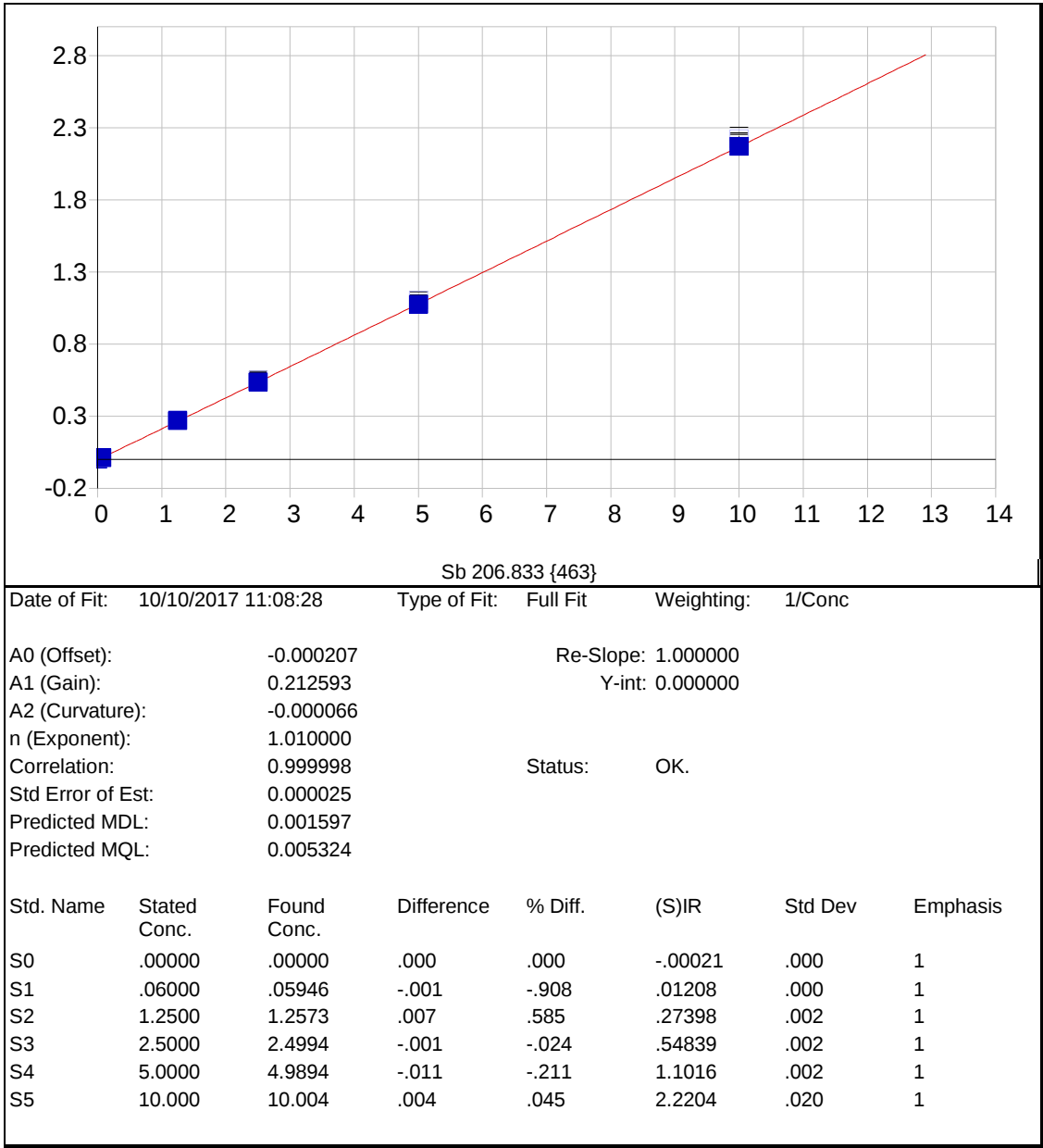


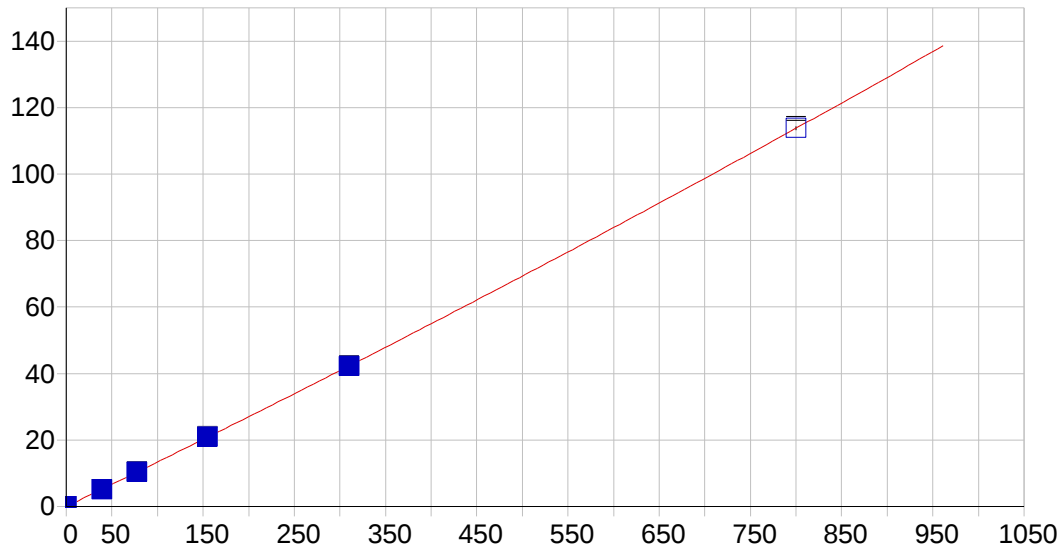
Se 196.090 {472}

Date of Fit: 10/10/2017 11:08:28 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.000373 Re-Slope: 1.000000
 A1 (Gain): 0.085118 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999882 Status: OK.
 Std Error of Est: 0.000041
 Predicted MDL: 0.003282
 Predicted MQL: 0.010940

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	.00037	.000	1
S1	.03500	.03166	-.003	-9.54	.00307	.000	1
S2	1.2500	1.2824	.032	2.59	.10913	.000	1
S3	2.5000	2.5570	.057	2.28	.21724	.000	1
S4	5.0000	5.0412	.041	.824	.42790	.001	1
S5	10.000	9.8727	-.127	-1.27	.83757	.008	1



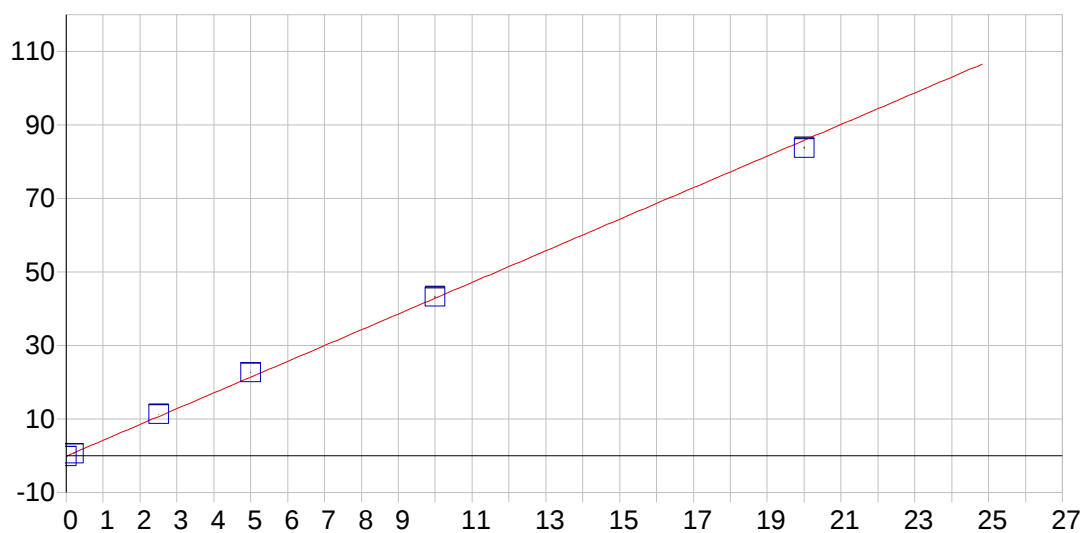


AI 396.152 { 85}

Date of Fit: 10/10/2017 11:08:28 Type of Fit: Curvilinear Weighting: 1/Conc

A0 (Offset):	0.001050	Re-Slope: 1.000000
A1 (Gain):	0.132647	Y-int: 0.000000
A2 (Curvature):	0.000012	
n (Exponent):	1.000000	
Correlation:	0.999995	Status: Warning Positive Curvature
Std Error of Est:	0.000300	
Predicted MDL:	0.003635	
Predicted MQL:	0.012116	

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00001	.000	.000	.00105	.000	1
S1	.20000	.19004	-.010	-4.98	.02631	.001	1
S2	38.750	38.271	-.479	-1.23	5.1013	.032	1
S3	77.500	78.065	.565	.729	10.441	.042	1
S4	155.00	155.52	.520	.336	20.944	.114	1
S5	310.00	309.26	-.742	-.239	42.216	.125	1
S6	800.00	800.15	.147	.018	113.79	.538	1



Ba 493.409 { 68}

Date of Fit: 10/10/2017 11:08:28

Type of Fit: Linear

Weighting: 1/Conc

A0 (Offset): -0.090874

Re-Slope: 1.000000

A1 (Gain): 4.295867

Y-int: 0.000000

A2 (Curvature): 0.000000

n (Exponent): 1.000000

Correlation: 0.999299

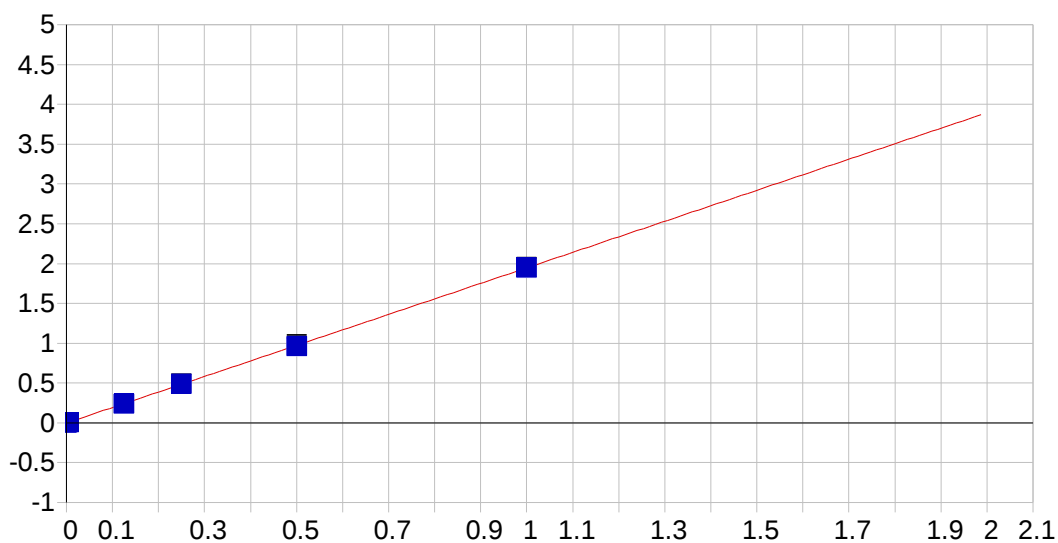
Status: OK.

Std Error of Est: 0.017102

Predicted MDL: 0.000380

Predicted MQL: 0.001266

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00003	.000	.000	-.09073	.001	1
S1	.20000	.14692	-.053	-26.5	.54029	.002	1
S2	2.5000	2.6504	.150	6.01	11.295	.062	1
S3	5.0000	5.2978	.298	5.96	22.668	.092	1
S4	10.000	10.082	.082	.816	43.218	.179	1
S5	20.000	19.523	-.477	-2.38	83.779	.264	1

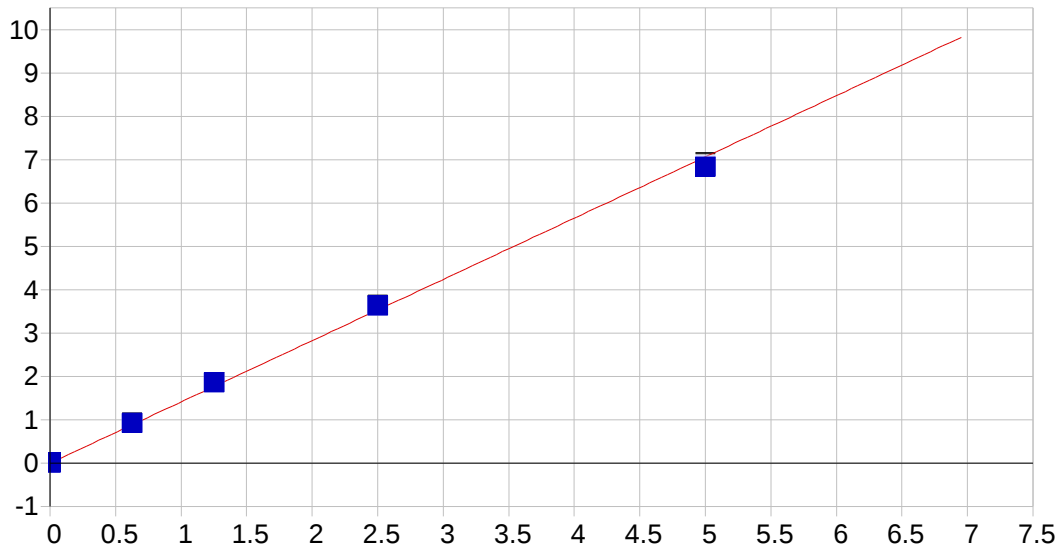


Be 234.861 {144}

Date of Fit: 10/10/2017 11:08:28 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.001870 Re-Slope: 1.000000
 A1 (Gain): 1.948304 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999968 Status: OK.
 Std Error of Est: 0.000058
 Predicted MDL: 0.000119
 Predicted MQL: 0.000398

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	-.00187	.000	1
S1	.00500	.00543	.000	8.68	.00871	.000	1
S2	.12500	.12519	.000	.148	.24121	.001	1
S3	.25000	.25235	.002	.938	.48814	.001	1
S4	.50000	.49478	-.005	-1.04	.95884	.021	1
S5	1.0000	1.0023	.002	.225	1.9443	.003	1

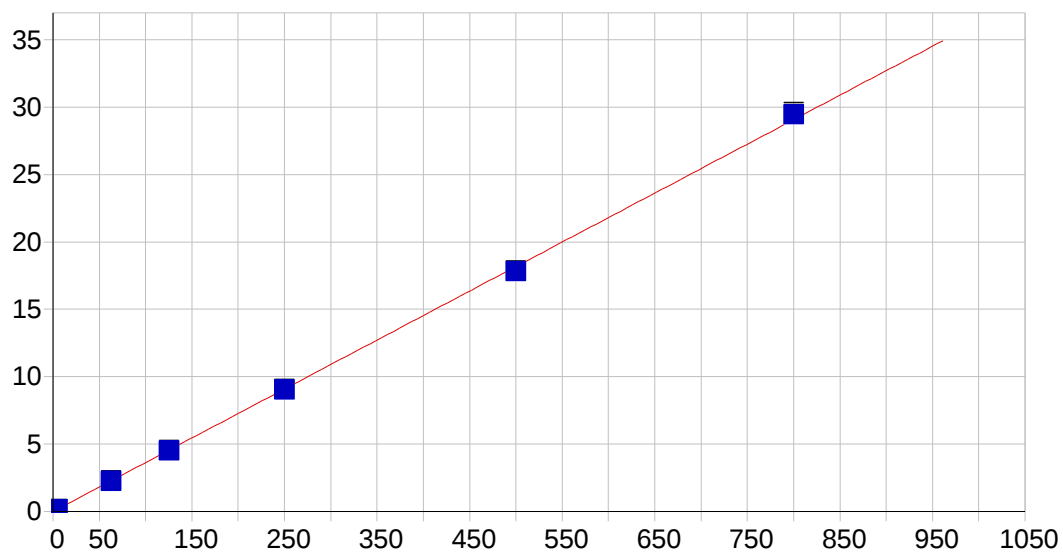


Cd 214.438 {457}

Date of Fit: 10/10/2017 11:08:28 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.000330 Re-Slope: 1.000000
 A1 (Gain): 1.412503 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999381 Status: OK.
 Std Error of Est: 0.000418
 Predicted MDL: 0.000144
 Predicted MQL: 0.000480

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	-.00033	.000	1
S1	.00500	.00556	.001	11.2	.00753	.000	1
S2	.62500	.65202	.027	4.32	.92272	.003	1
S3	1.2500	1.3152	.065	5.22	1.8615	.003	1
S4	2.5000	2.5682	.068	2.73	3.6356	.010	1
S5	5.0000	4.8390	-.161	-3.22	6.8514	.075	1

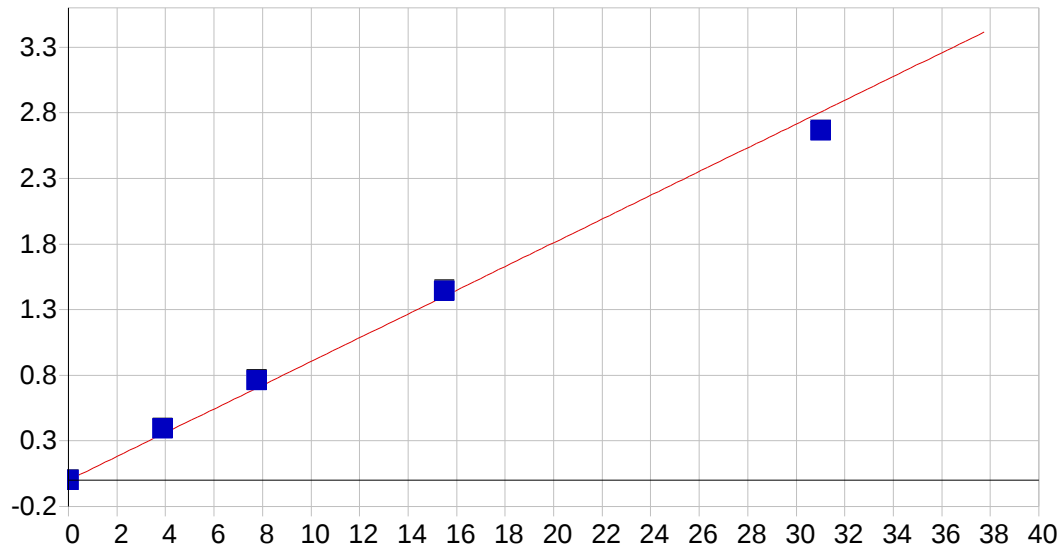


Ca 373.690 { 90}

Date of Fit: 10/10/2017 11:08:28 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.001834 Re-Slope: 1.000000
 A1 (Gain): 0.036340 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999898 Status: OK.
 Std Error of Est: 0.001812
 Predicted MDL: 0.010628
 Predicted MQL: 0.035425

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00023	.000	.000	.00184	.001	1
S1	5.0000	4.8536	-.146	-2.93	.17821	.001	1
S2	62.500	62.190	-.310	-.495	2.2591	.019	1
S3	125.00	124.52	-.478	-.382	4.5214	.015	1
S4	250.00	249.06	-.936	-.374	9.0417	.037	1
S5	500.00	490.47	-9.53	-1.91	17.803	.025	1
S6	800.00	811.41	11.4	1.43	29.429	.142	1

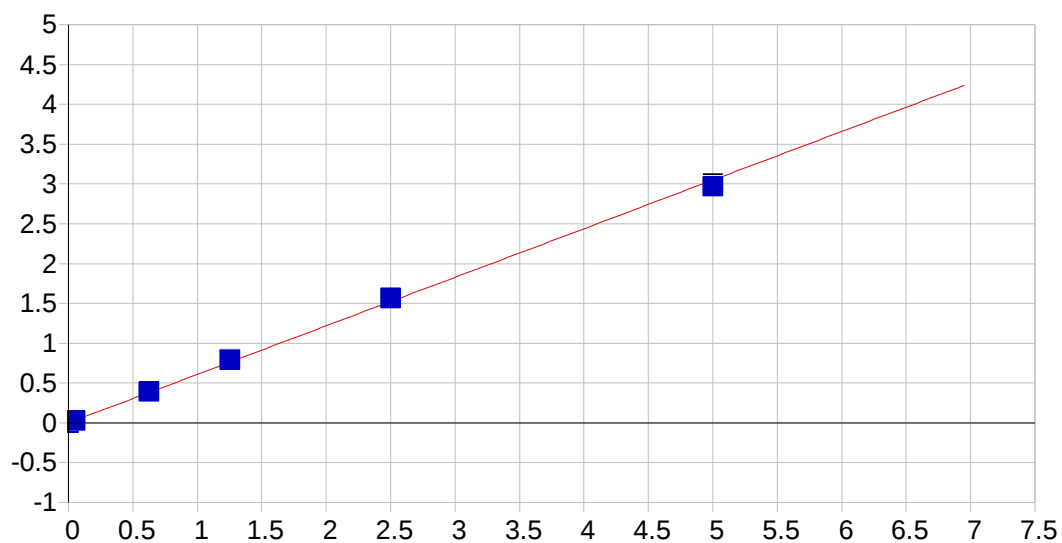


Cr 267.716 {126}

Date of Fit: 10/10/2017 11:08:28 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.000022 Re-Slope: 1.000000
 A1 (Gain): 0.090481 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.998246 Status: OK.
 Std Error of Est: 0.000159
 Predicted MDL: 0.000673
 Predicted MQL: 0.002242

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	.00002	.000	1
S1	.01000	.01193	.002	19.3	.00111	.000	1
S2	3.8750	4.3488	.474	12.2	.39441	.002	1
S3	7.7500	8.4124	.662	8.55	.76300	.003	1
S4	15.500	15.926	.426	2.75	1.4447	.007	1
S5	31.000	29.436	-1.56	-5.05	2.6707	.003	1

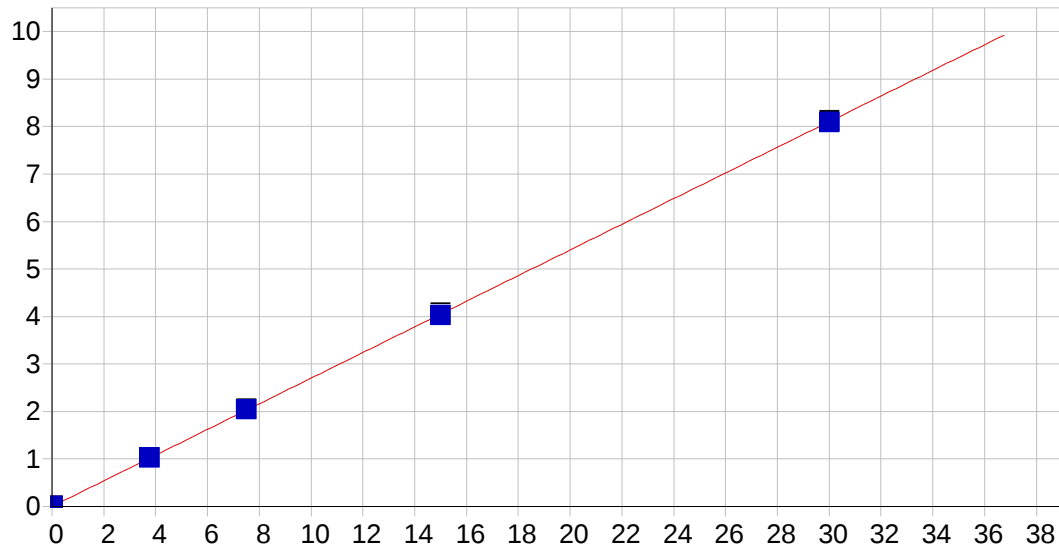


Co 228.616 {448}

Date of Fit: 10/10/2017 11:08:28 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.000345 Re-Slope: 1.000000
 A1 (Gain): 0.609685 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999591 Status: OK.
 Std Error of Est: 0.000464
 Predicted MDL: 0.000313
 Predicted MQL: 0.001044

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	-.00035	.000	1
S1	.05000	.04854	-.001	-2.92	.02936	.000	1
S2	.62500	.64584	.021	3.33	.39421	.000	1
S3	1.2500	1.3016	.052	4.13	.79483	.001	1
S4	2.5000	2.5600	.060	2.40	1.5637	.003	1
S5	5.0000	4.8689	-.131	-2.62	2.9745	.029	1

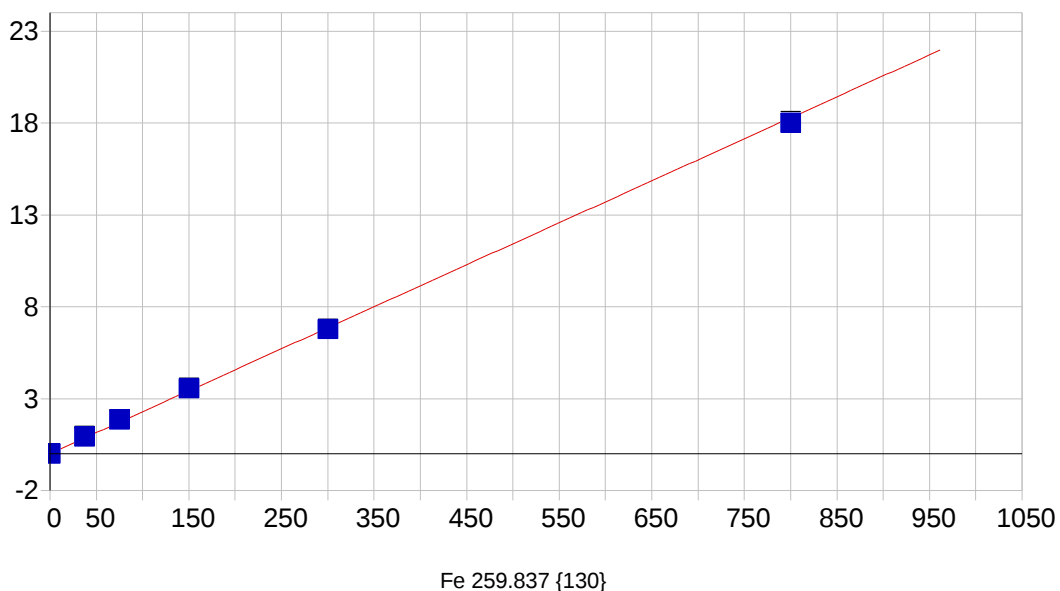


Cu 324.754 {104}

Date of Fit: 10/10/2017 11:08:28 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.001499 Re-Slope: 1.000000
 A1 (Gain): 0.270066 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999983 Status: OK.
 Std Error of Est: 0.000072
 Predicted MDL: 0.001006
 Predicted MQL: 0.003353

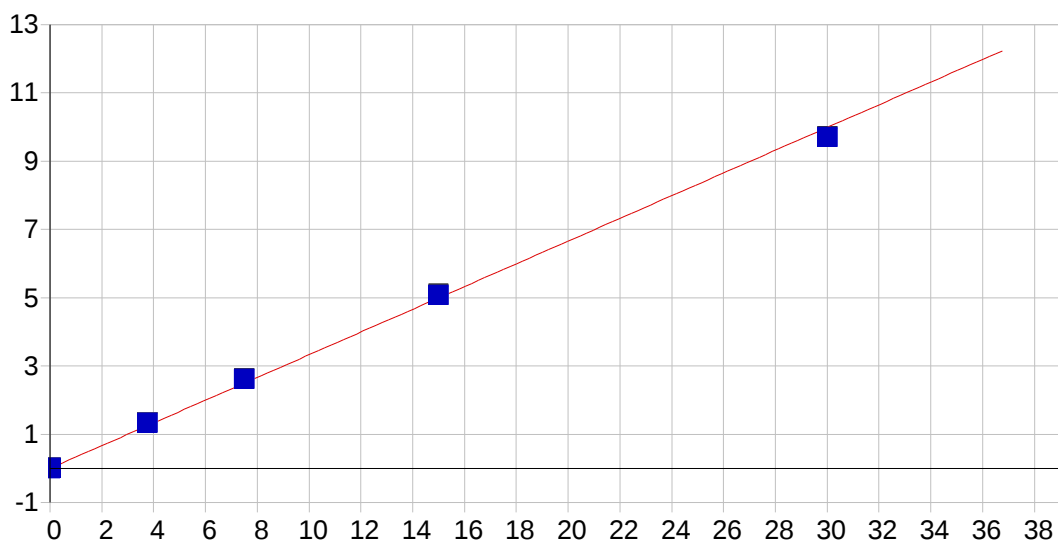
Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	.00150	.000	1
S1	.02500	.02437	-.001	-2.53	.00804	.000	1
S2	3.7500	3.7850	.035	.934	1.0208	.006	1
S3	7.5000	7.5842	.084	1.12	2.0440	.005	1
S4	15.000	14.905	-.095	-.633	4.0153	.051	1
S5	30.000	29.976	-.024	-.079	8.0740	.036	1



Date of Fit: 10/10/2017 11:08:28 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.000171 Re-Slope: 1.000000
 A1 (Gain): 0.022847 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999528 Status: OK.
 Std Error of Est: 0.000307
 Predicted MDL: 0.006834
 Predicted MQL: 0.022782

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00003	.000	.000	.00017	.000	1
S1	.10000	.11059	.011	10.6	.00271	.000	1
S2	37.500	41.011	3.51	9.36	.93819	.004	1
S3	75.000	81.047	6.05	8.06	1.8539	.010	1
S4	150.00	156.09	6.09	4.06	3.5706	.017	1
S5	300.00	296.25	-3.75	-1.25	6.7770	.009	1
S6	800.00	788.08	-11.9	-1.49	18.015	.071	1

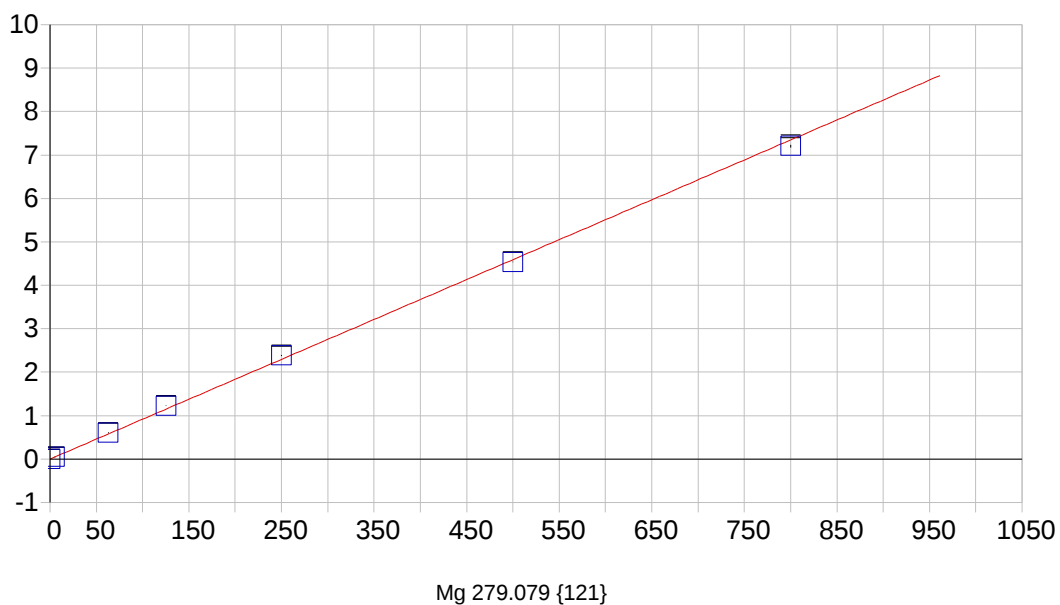


Mn 257.610 {131}

Date of Fit: 10/10/2017 11:08:28 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.000019 Re-Slope: 1.000000
 A1 (Gain): 0.332919 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999420 Status: OK.
 Std Error of Est: 0.000403
 Predicted MDL: 0.000471
 Predicted MQL: 0.001569

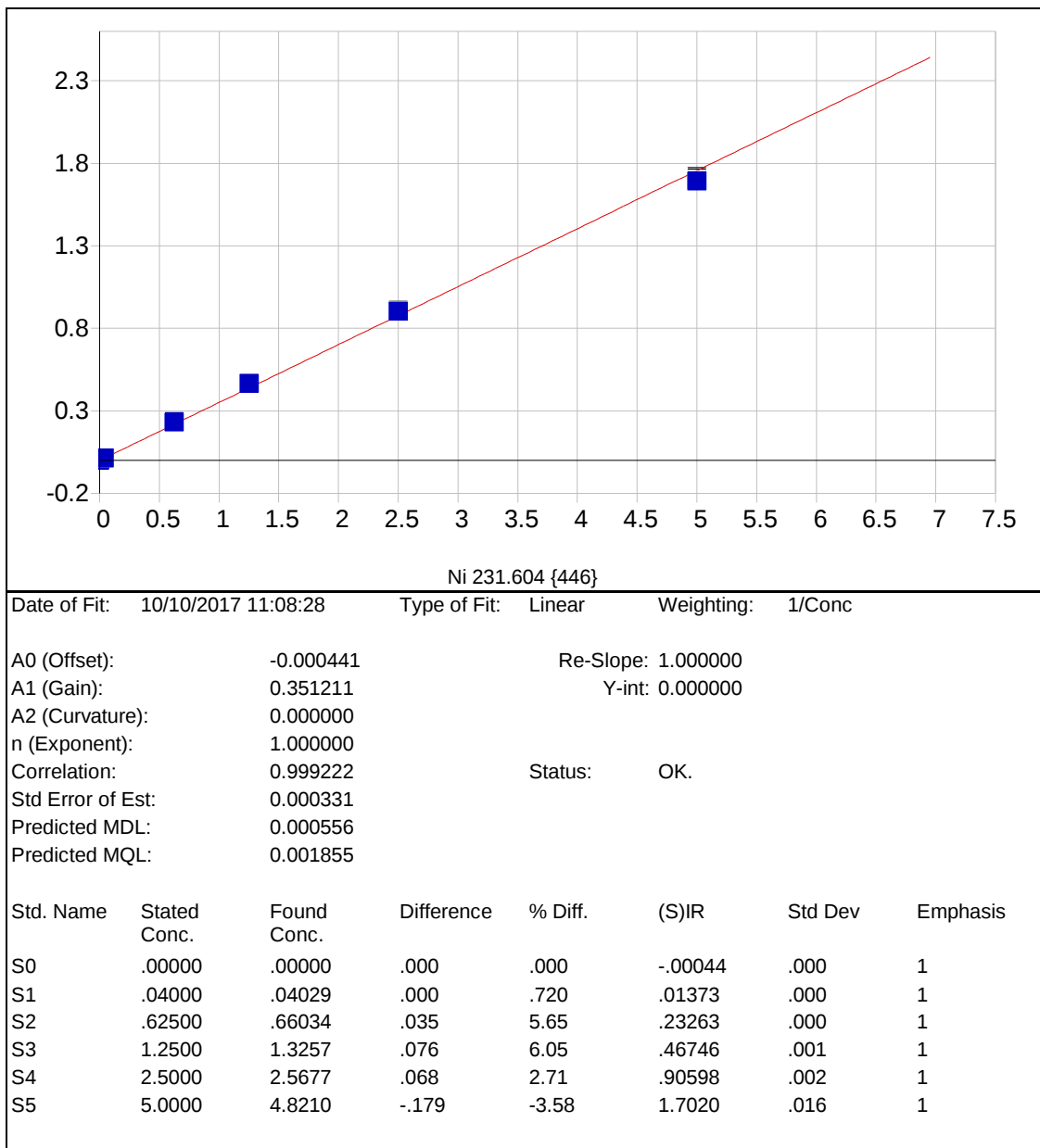
Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	-.00002	.000	1
S1	.01500	.01604	.001	6.95	.00533	.000	1
S2	3.7500	4.0070	.257	6.85	1.3343	.008	1
S3	7.5000	7.8747	.375	5.00	2.6222	.015	1
S4	15.000	15.236	.236	1.58	5.0736	.031	1
S5	30.000	29.131	-.869	-2.90	9.7004	.025	1

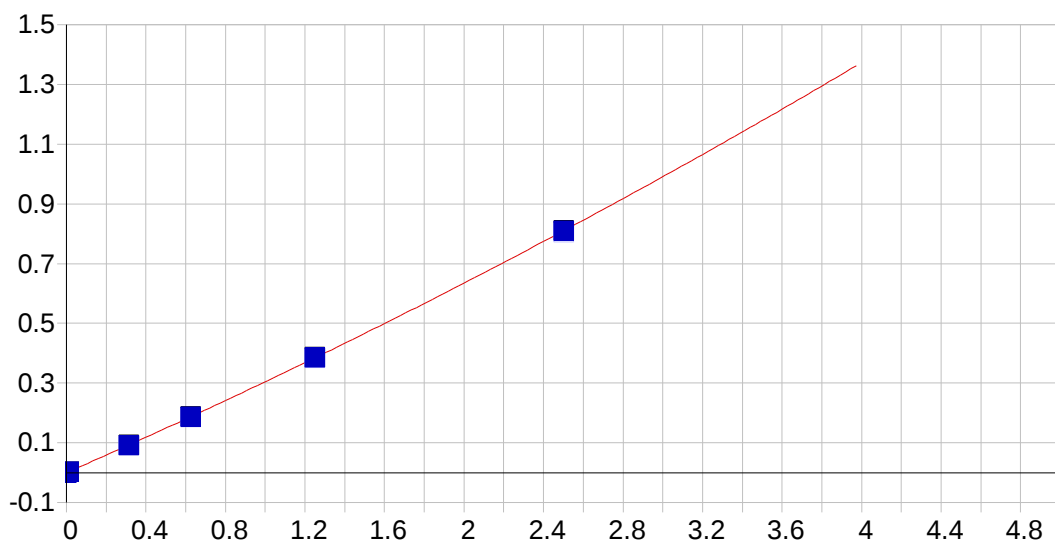


Date of Fit: 10/10/2017 11:08:28 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.000181 Re-Slope: 1.000000
 A1 (Gain): 0.009183 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999579 Status: OK.
 Std Error of Est: 0.000931
 Predicted MDL: 0.019478
 Predicted MQL: 0.064927

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00060	-.001	.000	-.00019	.000	1
S1	5.0000	4.9619	-.038	-.762	.04539	.001	1
S2	62.500	65.915	3.42	5.46	.60513	.002	1
S3	125.00	133.24	8.24	6.59	1.2233	.006	1
S4	250.00	259.71	9.71	3.89	2.3848	.008	1
S5	500.00	493.78	-6.22	-1.24	4.5343	.004	1
S6	800.00	784.89	-15.1	-1.89	7.2076	.031	1



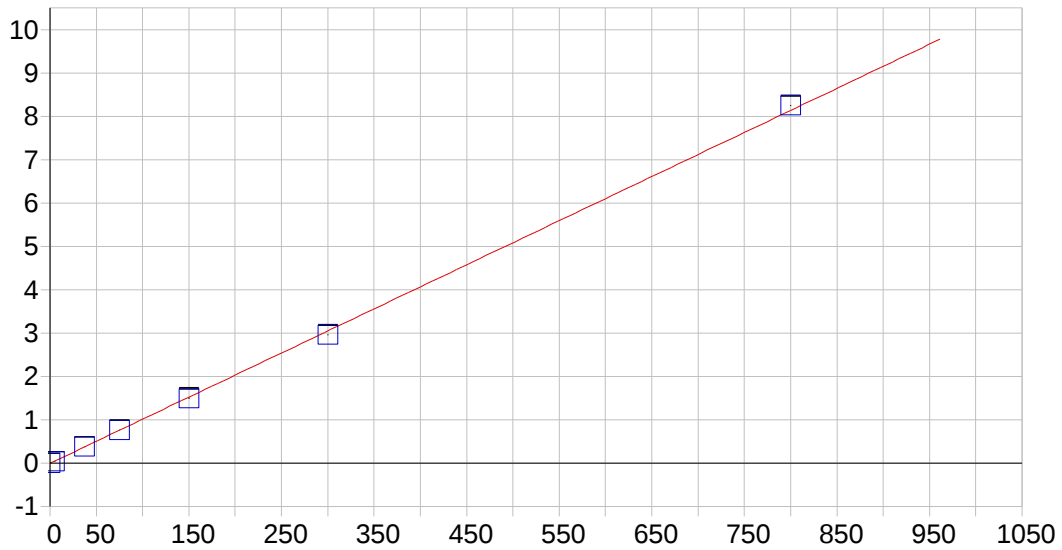


Ag 328.068 {103}

Date of Fit: 10/10/2017 11:08:28 Type of Fit: Curvilinear Weighting: 1/Conc

A0 (Offset):	-0.000005	Re-Slope: 1.000000
A1 (Gain):	0.291228	Y-int: 0.000000
A2 (Curvature):	0.013022	
n (Exponent):	1.000000	
Correlation:	0.999995	Status: Warning Positive Curvature
Std Error of Est:	0.000010	
Predicted MDL:	0.000360	
Predicted MQL:	0.001199	

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	.00000	.000	1
S1	.01000	.01060	.001	6.00	.00308	.000	1
S2	.31250	.31134	-.001	-.372	.09131	.000	1
S3	.62500	.62351	-.001	-.238	.18540	.001	1
S4	1.2500	1.2529	.003	.234	.38284	.002	1
S5	2.5000	2.4991	-.001	-.035	.80417	.001	1

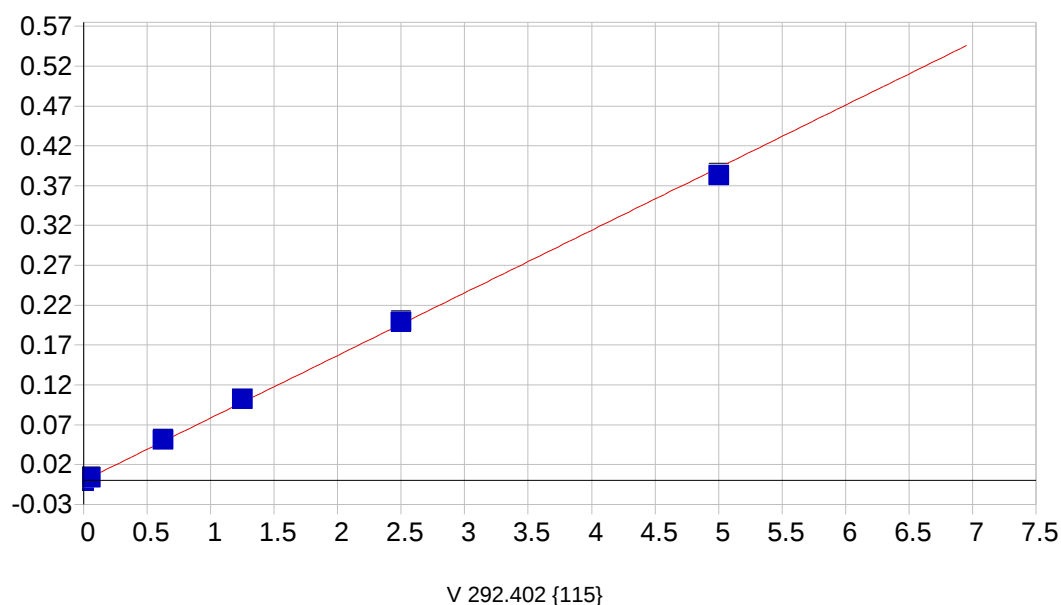


Na 818.326 { 41}

Date of Fit: 10/10/2017 11:08:28 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.003968 Re-Slope: 1.000000
 A1 (Gain): 0.010173 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999825 Status: OK.
 Std Error of Est: 0.000588
 Predicted MDL: 0.089594
 Predicted MQL: 0.298646

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00056	.001	.000	-.00396	.001	1
S1	5.0000	4.5766	-.423	-8.47	.04259	.001	1
S2	37.500	37.460	-.040	-.107	.37710	.002	1
S3	75.000	75.277	.277	.370	.76181	.004	1
S4	150.00	147.63	-2.37	-1.58	1.4978	.015	1
S5	300.00	291.39	-8.61	-2.87	2.9603	.012	1
S6	800.00	811.17	11.2	1.40	8.2479	.018	1



Date of Fit: 10/10/2017 11:08:28

Type of Fit: Linear

Weighting: 1/Conc

A0 (Offset): -0.000079

Re-Slope: 1.000000

A1 (Gain): 0.078519

Y-int: 0.000000

A2 (Curvature): 0.000000

n (Exponent): 1.000000

Correlation: 0.999600

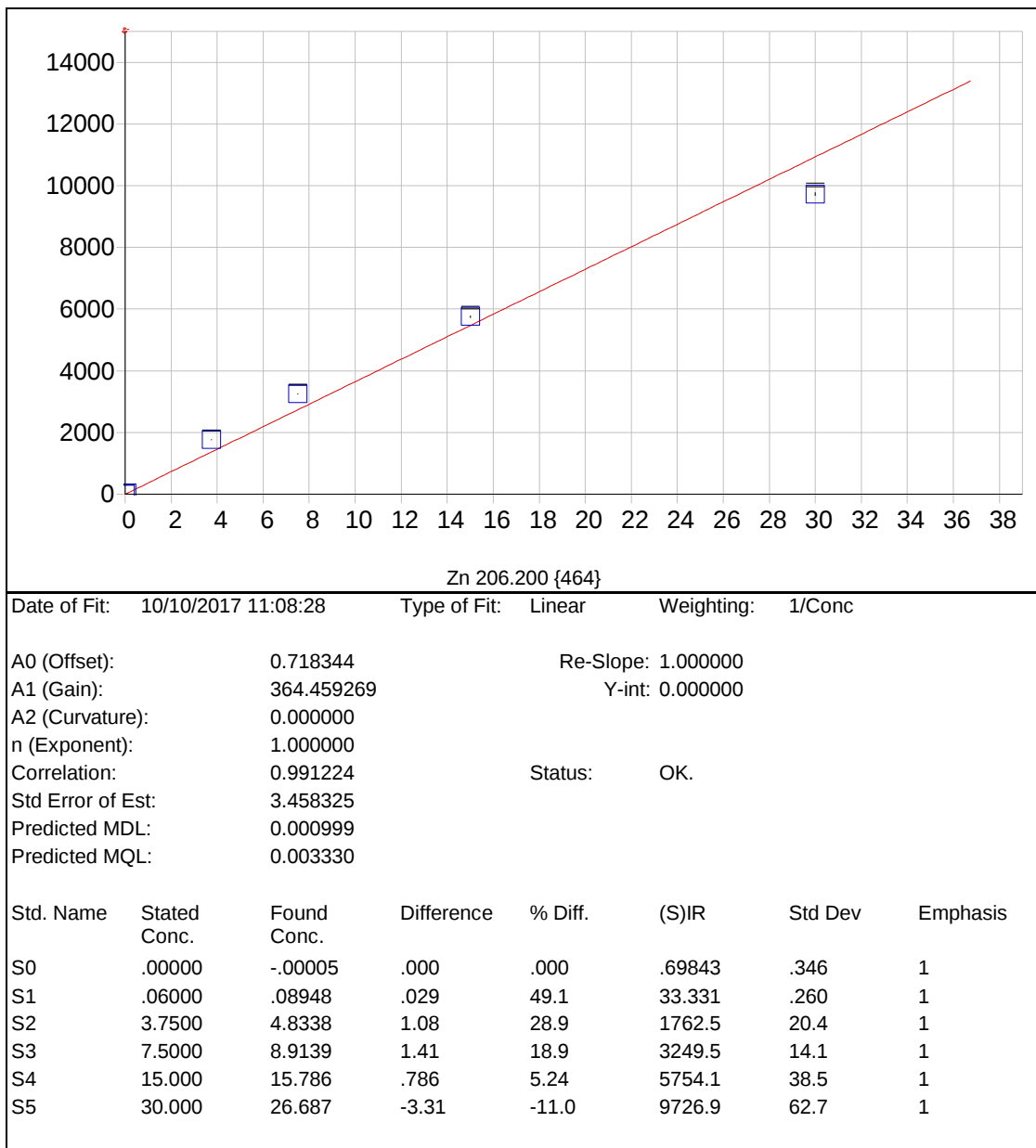
Status: OK.

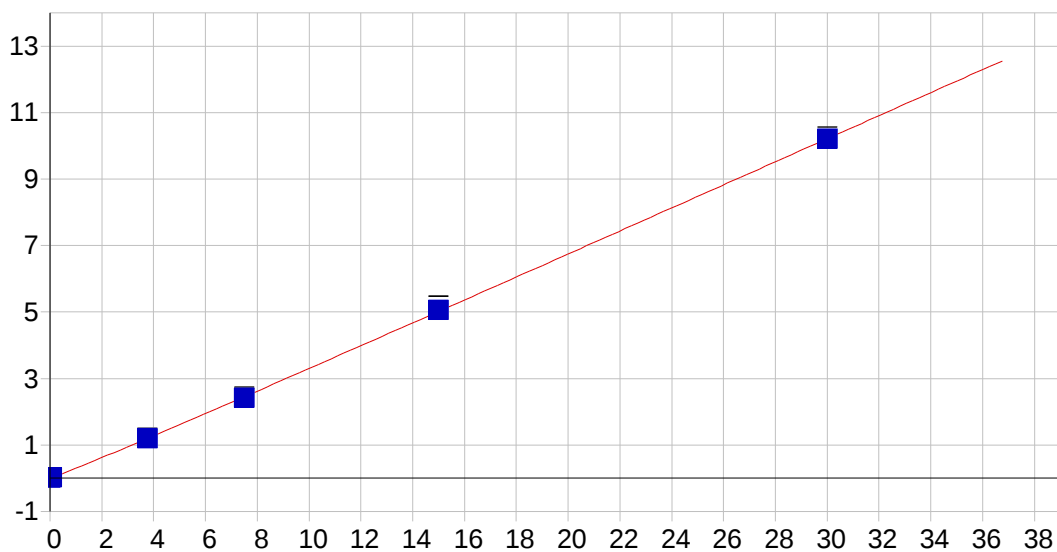
Std Error of Est: 0.000059

Predicted MDL: 0.002309

Predicted MQL: 0.007698

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00001	.000	.000	-.00008	.000	1
S1	.05000	.05256	.003	5.12	.00406	.000	1
S2	.62500	.65702	.032	5.12	.05171	.000	1
S3	1.2500	1.3019	.052	4.15	.10255	.000	1
S4	2.5000	2.5380	.038	1.52	.20001	.001	1
S5	5.0000	4.8755	-.124	-2.49	.38436	.002	1



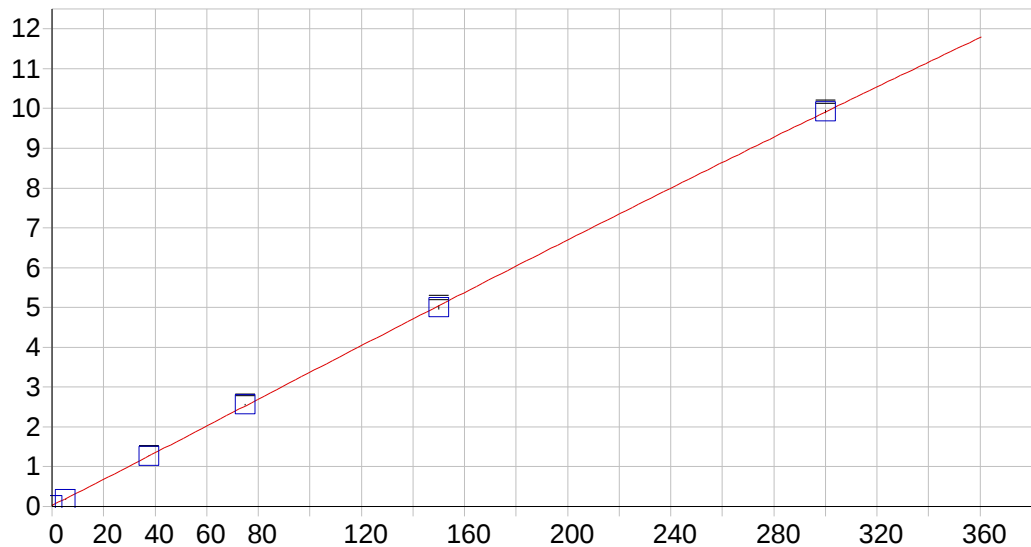


Zn 213.856 {158}

Date of Fit: 10/10/2017 11:08:28 Type of Fit: Full Fit Weighting: 1/Conc

A0 (Offset): -0.000363 Re-Slope: 1.000000
 A1 (Gain): 0.303171 Y-int: 0.000000
 A2 (Curvature): -0.000175
 n (Exponent): 1.040000
 Correlation: 0.999968 Status: OK.
 Std Error of Est: 0.000270
 Predicted MDL: 0.003726
 Predicted MQL: 0.012420

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	-.00037	.001	1
S1	.06000	.06885	.009	14.7	.01846	.001	1
S2	3.7500	3.7682	.018	.485	1.2043	.005	1
S3	7.5000	7.3910	-.109	-1.45	2.4213	.020	1
S4	15.000	15.115	.115	.767	5.0693	.120	1
S5	30.000	29.968	-.032	-.107	10.225	.041	1

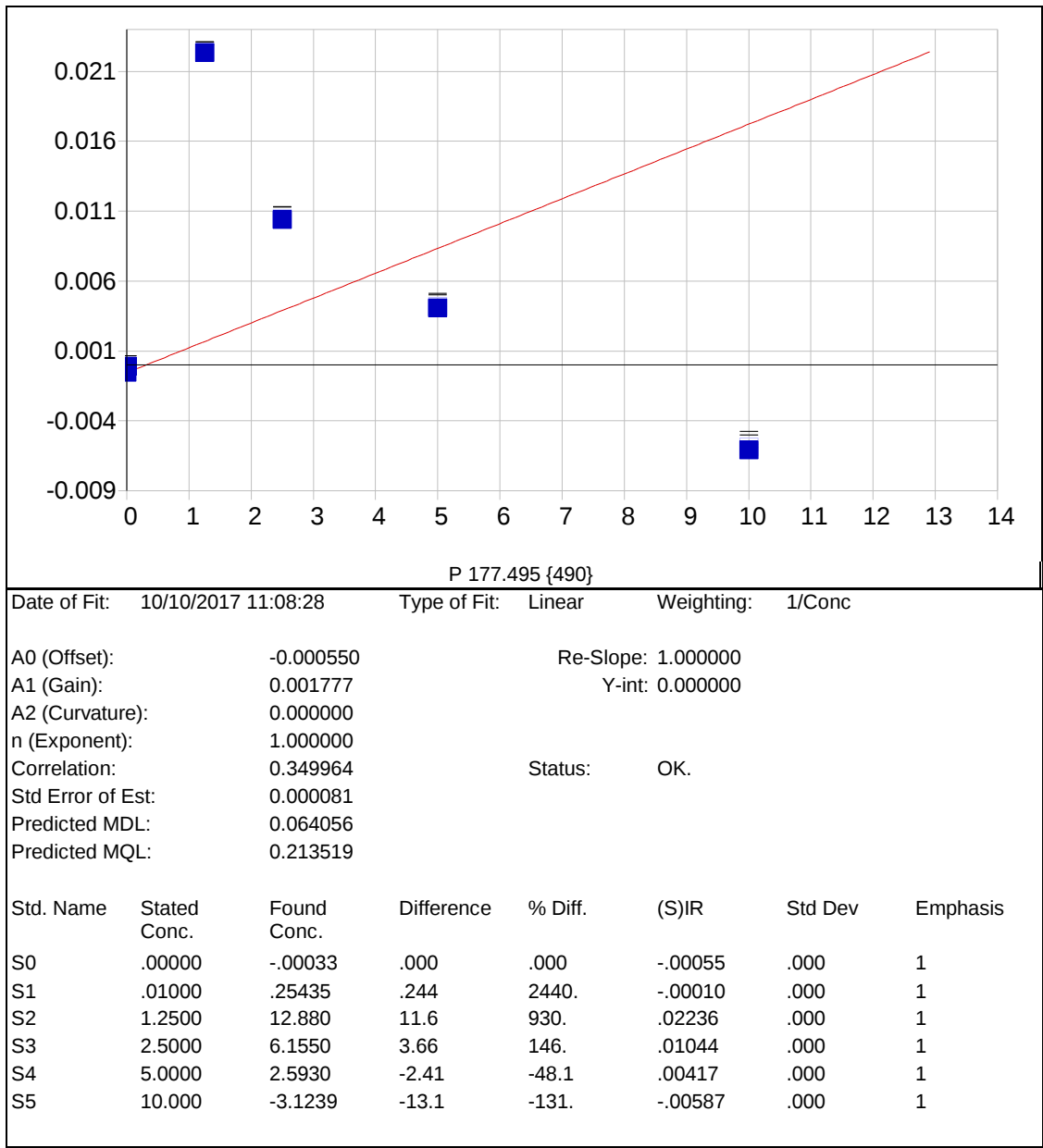


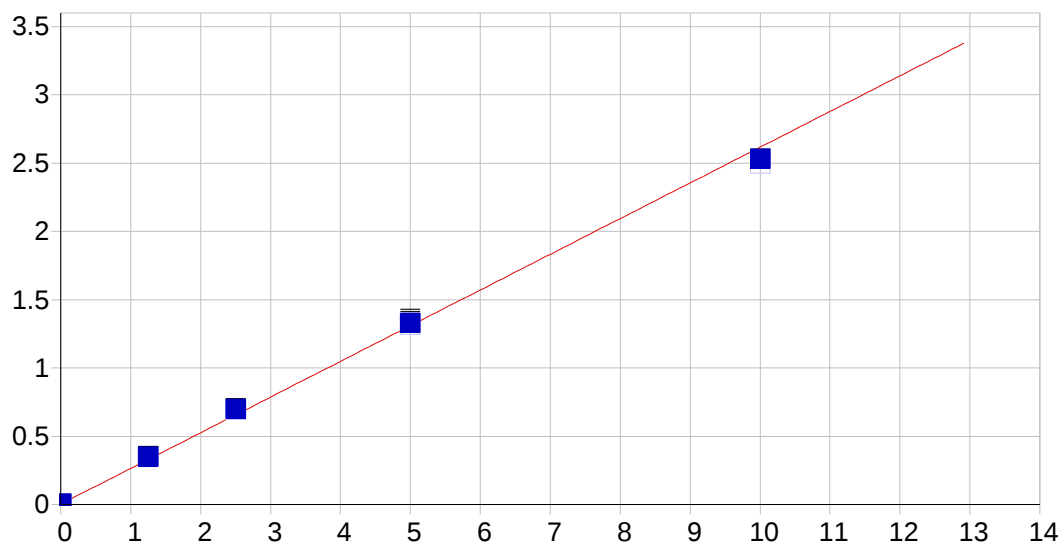
K 769.896 { 44}

Date of Fit: 10/10/2017 11:08:28 Type of Fit: Full Fit Weighting: 1/Conc

A0 (Offset): 0.031978 Re-Slope: 1.000000
 A1 (Gain): 0.029704 Y-int: 0.000000
 A2 (Curvature): -0.000005
 n (Exponent): 1.030000
 Correlation: 0.999975 Status: OK.
 Std Error of Est: 0.000684
 Predicted MDL: 0.025691
 Predicted MQL: 0.085635

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00018	.000	.000	.03198	.000	1
S1	5.0000	4.8239	-.176	-3.52	.18205	.001	1
S2	37.500	37.672	.172	.458	1.2700	.007	1
S3	75.000	75.867	.867	1.16	2.5573	.015	1
S4	150.00	148.73	-1.27	-.849	5.0018	.055	1
S5	300.00	300.41	.414	.138	9.9264	.043	1



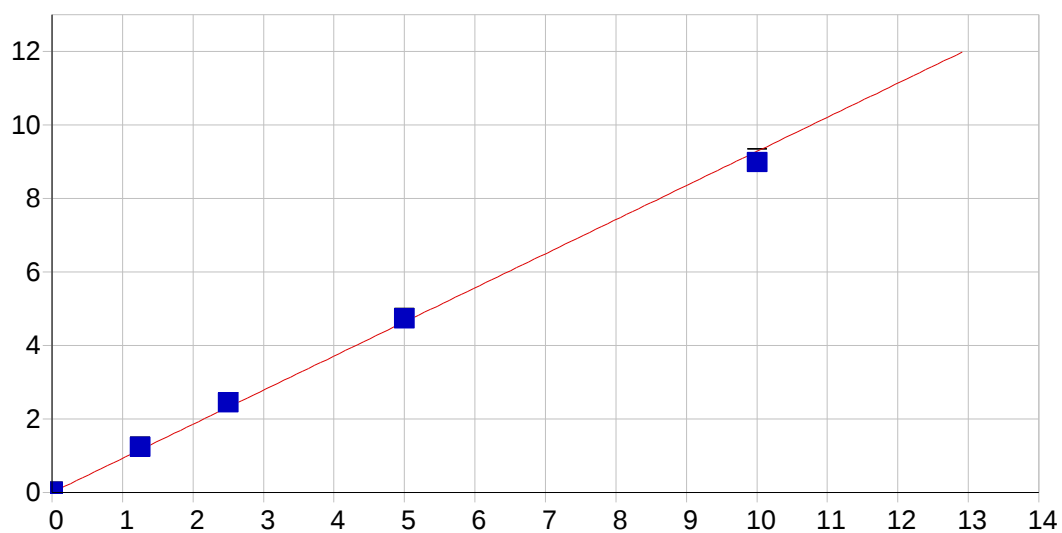


B 249.678 {135}

Date of Fit: 10/10/2017 11:08:28 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.002426 Re-Slope: 1.000000
 A1 (Gain): 0.261443 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999181 Status: OK.
 Std Error of Est: 0.000175
 Predicted MDL: 0.001016
 Predicted MQL: 0.003387

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	.00243	.000	1
S1	.01000	.00924	-.001	-7.57	.00485	.000	1
S2	1.2500	1.3342	.084	6.73	.34715	.001	1
S3	2.5000	2.6722	.172	6.89	.69287	.002	1
S4	5.0000	5.0787	.079	1.57	1.3138	.027	1
S5	10.000	9.6657	-.334	-3.34	2.4967	.003	1

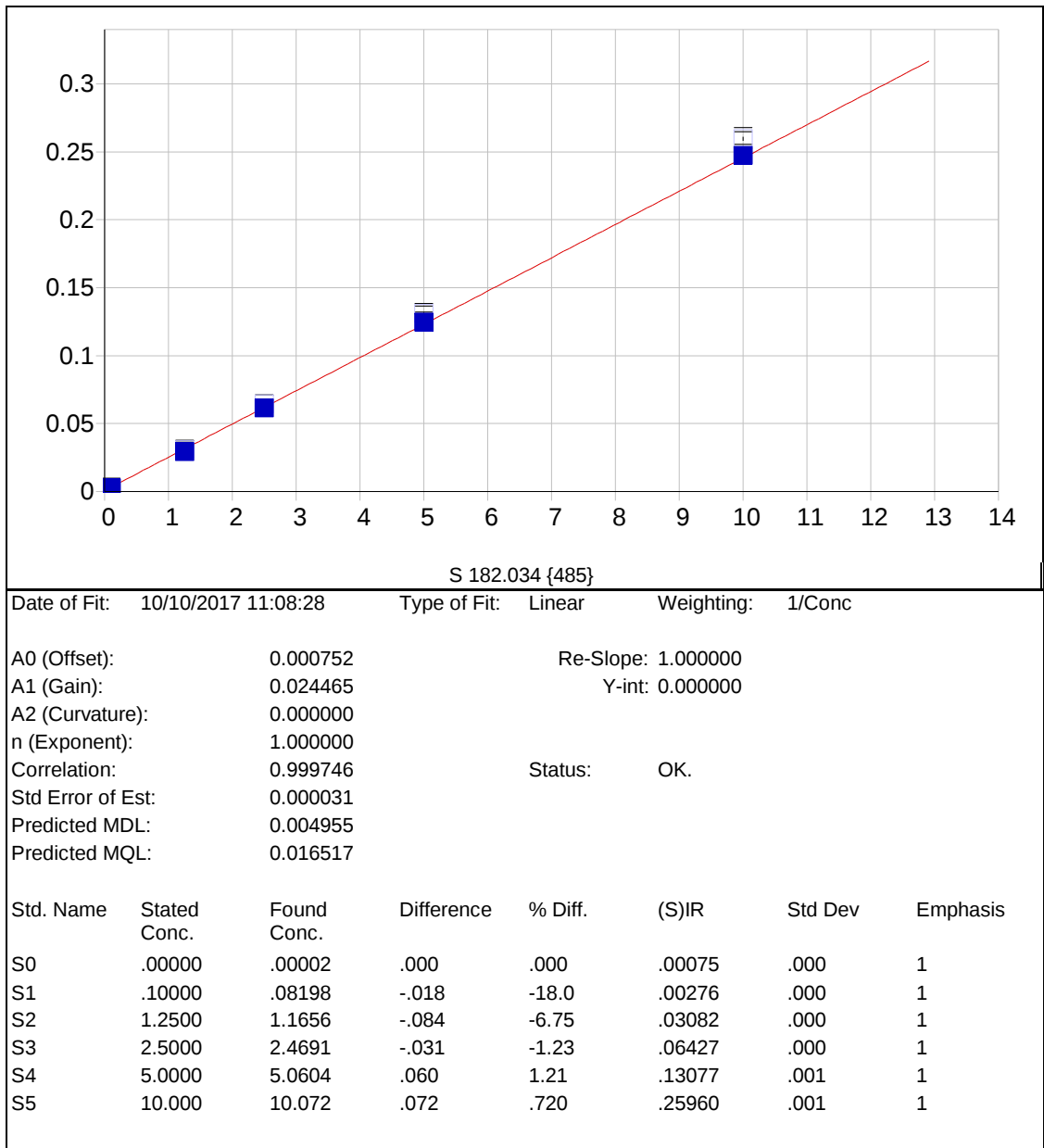


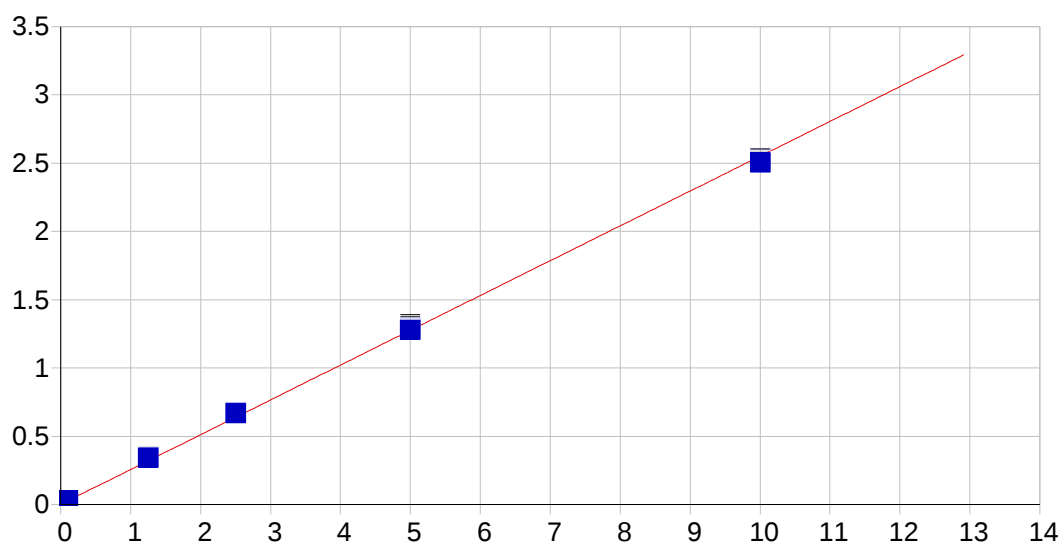
Mo 202.030 {467}

Date of Fit: 10/10/2017 11:08:28 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.000410 Re-Slope: 1.000000
 A1 (Gain): 0.927945 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999326 Status: OK.
 Std Error of Est: 0.000572
 Predicted MDL: 0.000331
 Predicted MQL: 0.001105

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	.00041	.000	1
S1	.01000	.01062	.001	6.19	.01028	.000	1
S2	1.2500	1.3344	.084	6.75	1.2397	.001	1
S3	2.5000	2.6350	.135	5.40	2.4477	.002	1
S4	5.0000	5.1009	.101	2.02	4.7379	.003	1
S5	10.000	9.6791	-.321	-3.21	8.9905	.096	1



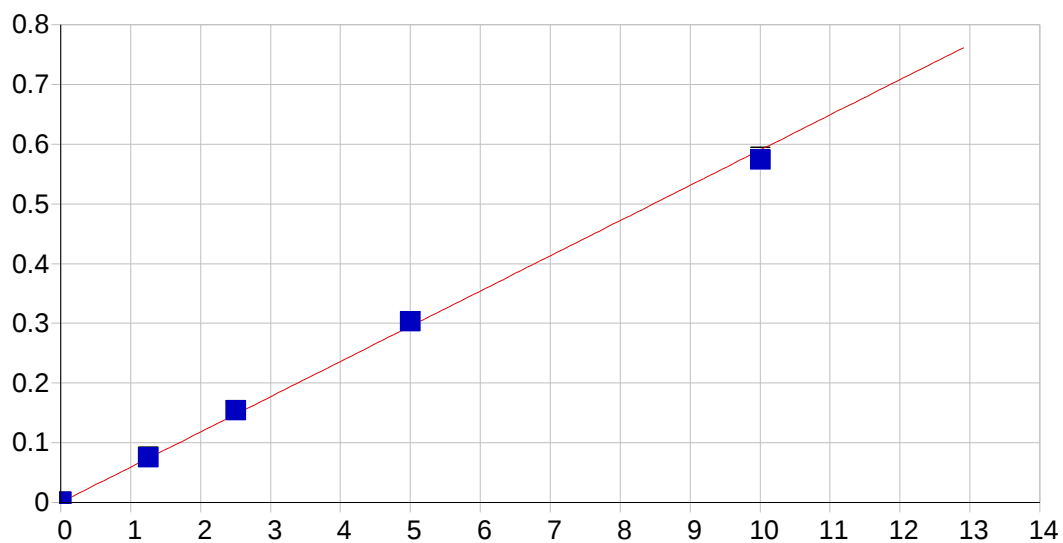


Si 251.611 {134}

Date of Fit: 10/10/2017 11:08:28 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.001417 Re-Slope: 1.000000
 A1 (Gain): 0.255030 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999638 Status: OK.
 Std Error of Est: 0.000369
 Predicted MDL: 0.001094
 Predicted MQL: 0.003645

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00001	.000	.000	.00141	.000	1
S1	.10000	.09850	-.001	-1.50	.02663	.001	1
S2	1.2500	1.3338	.084	6.70	.34532	.001	1
S3	2.5000	2.6066	.107	4.26	.67369	.002	1
S4	5.0000	5.0061	.006	.121	1.2931	.024	1
S5	10.000	9.8050	-.195	-1.95	2.5320	.004	1

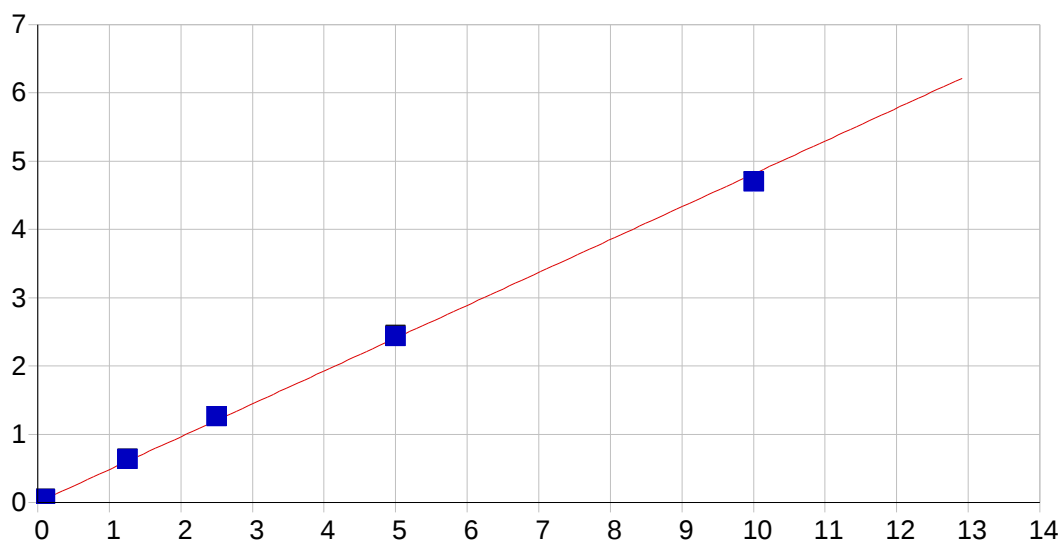


Sn 189.989 {478}

Date of Fit: 10/10/2017 11:08:28 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.000165 Re-Slope: 1.000000
 A1 (Gain): 0.058981 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999566 Status: OK.
 Std Error of Est: 0.000024
 Predicted MDL: 0.001782
 Predicted MQL: 0.005940

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	.00017	.000	1
S1	.00700	.00631	-.001	-9.83	.00053	.000	1
S2	1.2500	1.2813	.031	2.51	.07568	.000	1
S3	2.5000	2.6072	.107	4.29	.15383	.000	1
S4	5.0000	5.1326	.133	2.65	.30266	.000	1
S5	10.000	9.7296	-.270	-2.70	.57357	.004	1

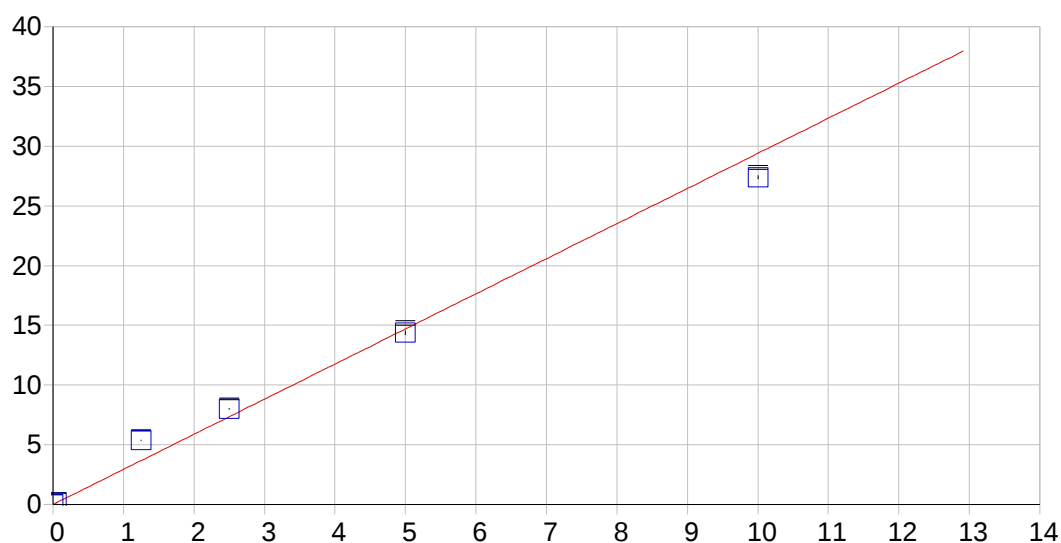


Ti 336.121 {100}

Date of Fit: 10/10/2017 11:08:28 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.000906 Re-Slope: 1.000000
 A1 (Gain): 0.481323 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999599 Status: OK.
 Std Error of Est: 0.000725
 Predicted MDL: 0.000627
 Predicted MQL: 0.002091

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00001	.000	.000	.00090	.000	1
S1	.10000	.10040	.000	.398	.04922	.000	1
S2	1.2500	1.3136	.064	5.09	.63298	.002	1
S3	2.5000	2.6161	.116	4.64	1.2597	.002	1
S4	5.0000	5.0602	.060	1.20	2.4357	.014	1
S5	10.000	9.7597	-.240	-2.40	4.6968	.007	1



Li 670.784 { 50}

Date of Fit: 10/10/2017 11:08:28 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.001659 Re-Slope: 1.000000
 A1 (Gain): 2.939461 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.991158 Status: OK.
 Std Error of Est: 0.014768
 Predicted MDL: 0.000347
 Predicted MQL: 0.001156

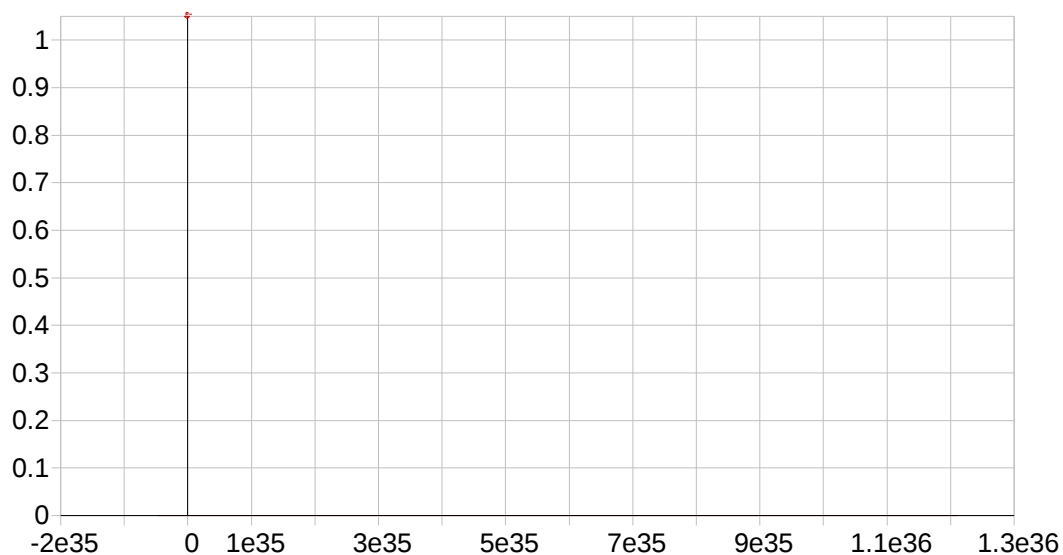
Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00002	.000	.000	.00161	.000	1
S5	10.000	9.3179	-.682	-6.82	27.391	.180	1
S4	5.0000	4.8903	-.110	-2.19	14.376	.179	1
S3	2.5000	2.7201	.220	8.80	7.9973	.069	1
S2	1.2500	1.8285	.578	46.3	5.3764	.061	1
S1	.05000	.04330	-.007	-13.4	.12893	.002	1



Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
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Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
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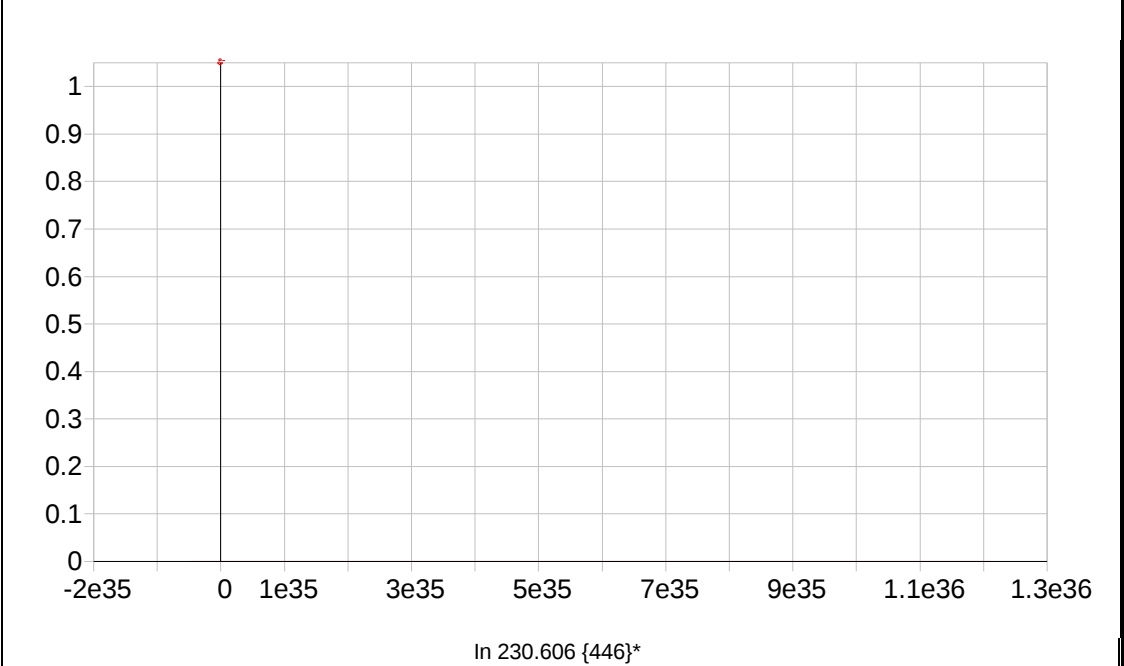
Date of Fit:	<not fit>	Type of Fit:	Linear	Weighting:	1/Conc
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Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
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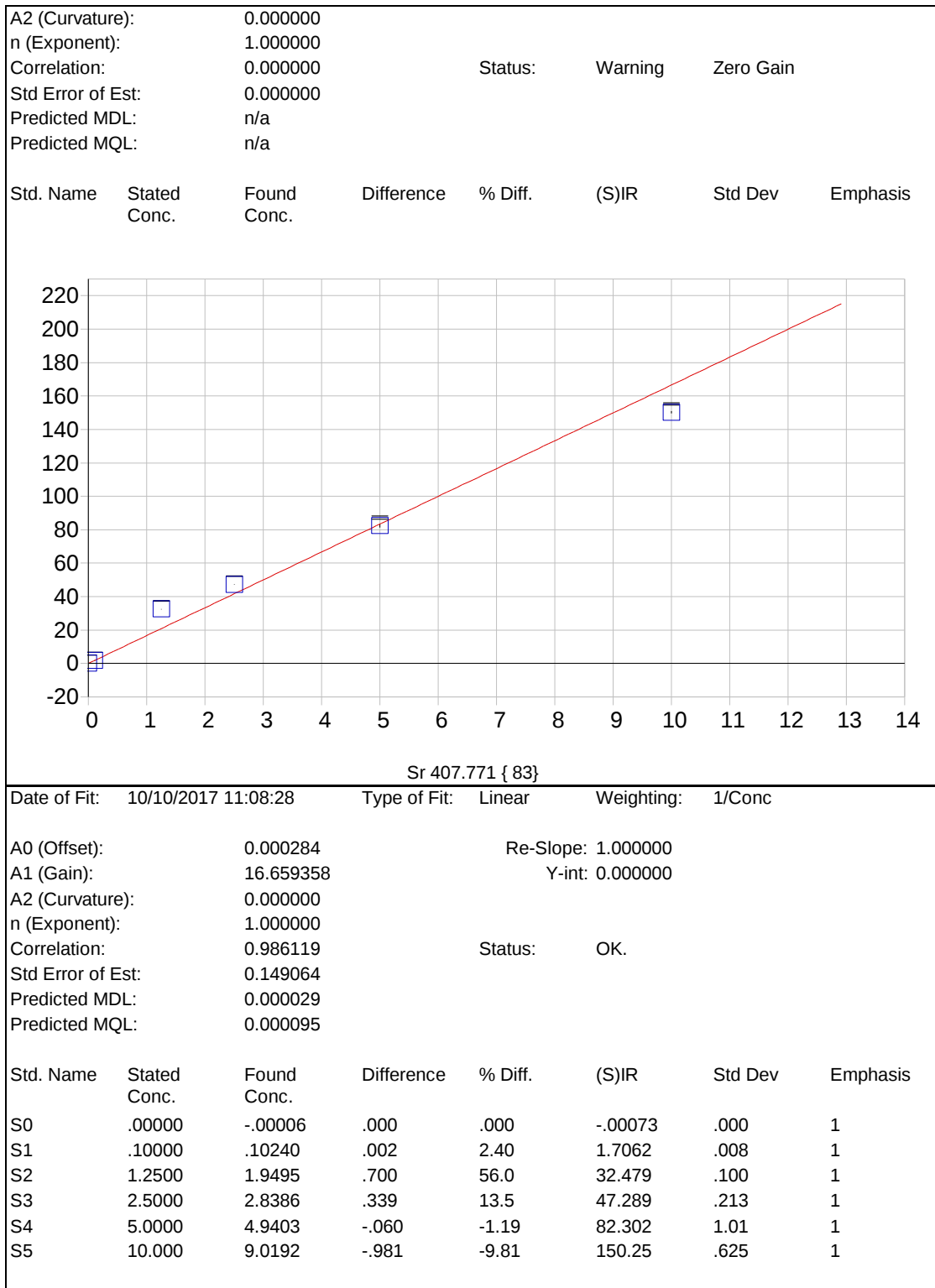


A0 (Offset):	0.000000	Re-Slope: 1.000000
A1 (Gain):	0.000000	Y-int: 0.000000
A2 (Curvature):	0.000000	
n (Exponent):	1.000000	
Correlation:	0.000000	Status: Warning Zero Gain
Std Error of Est:	0.000000	
Predicted MDL:	n/a	
Predicted MQL:	n/a	

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



Sample Name: S0 Acquired: 10/10/2017 10:29:12 Type: Cal
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v206) 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	-.00015	-.00010	-.00002	.00037	-.00021	.00105	-.09073	-.00187
Stddev	.00013	.00003	.00035	.00028	.00018	.00012	.00054	.00013
%RSD	85.429	31.423	1437.2	73.788	85.641	11.047	.59228	7.1493

#1	-.00008	-.00013	-.00032	.00054	.00000	.00094	-.09096	-.00177
#2	-.00007	-.00009	.00037	.00006	-.00033	.00117	-.09112	-.00182
#3	-.00030	-.00007	-.00012	.00052	-.00029	.00105	-.09012	-.00202

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	-.00033	.00184	.00002	-.00035	.00150	.00017	-.00002	-.00019
Stddev	.00022	.00051	.00003	.00010	.00016	.00023	.00007	.00014
%RSD	67.491	27.933	128.64	27.500	10.730	133.62	348.69	73.930

#1	-.00057	.00179	.00002	-.00034	.00168	.00027	-.00009	-.00032
#2	-.00028	.00136	.00005	-.00045	.00146	.00033	.00005	-.00019
#3	-.00014	.00238	.00000	-.00026	.00136	-.00009	-.00001	-.00005

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	-.00044	.00000	-.00396	-.00008	-.00037	.03198	-.00055	.00243
Stddev	.00013	.0001	.00075	.00007	.00138	.00005	.00008	.00024
%RSD	30.118	1029.8	18.844	85.104	377.18	.16659	14.972	9.9872

#1	-.00040	-.00002	-.00453	.00000	-.00196	.03201	-.00048	.00245
#2	-.00059	.00005	-.00424	-.00010	.00038	.03192	-.00064	.00265
#3	-.00034	-.00005	-.00312	-.00014	.00048	.03202	-.00053	.00217

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	.00041	.00075	.00141	.00017	.00090	.00161	-.00073	
Stddev	.00020	.00005	.00016	.00003	.00031	.00038	.00034	
%RSD	48.849	6.0845	11.505	20.540	34.245	23.366	46.752	

#1	.00027	.00080	.00129	.00020	.00055	.00130	-.00034	
#2	.00032	.00075	.00160	.00016	.00108	.00203	-.00091	
#3	.00064	.00071	.00135	.00013	.00108	.00151	-.00095	

Sample Name: S0 Acquired: 10/10/2017 10:29:12 Type: Cal
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v206) 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	783.01	1385.9	36437.	7740.4	2816.5
Stddev	3.37	3.1	72.	15.9	4.6
%RSD	.43032	.22364	.19827	.20580	.16290
#1	779.46	1387.9	36413.	7722.0	2811.3
#2	783.40	1382.3	36380.	7750.0	2818.1
#3	786.17	1387.4	36518.	7749.3	2820.1

Sample Name: S1 Acquired: 10/10/2017 10:33:19 Type: Cal
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v206) 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	.00020	.00125	.00147	.00307	.01208	.02631	.54029	.00871
Stddev	.00006	.00004	.00018	.00004	.00025	.00065	.00230	.00031
%RSD	31.909	3.4746	11.962	1.2298	2.0806	2.4579	.42559	3.5102

#1	.00024	.00130	.00162	.00304	.01229	.02567	.53795	.00906
#2	.00013	.00124	.00152	.00305	.01180	.02696	.54255	.00852
#3	.00023	.00121	.00128	.00311	.01214	.02629	.54035	.00855

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	.00753	.17821	.00111	.02936	.00804	.00271	.00533	.04539
Stddev	.00011	.00131	.00005	.00020	.00002	.00003	.00004	.00056
%RSD	1.4881	.73718	4.2834	.68224	.25959	.92384	.69493	1.2264

#1	.00743	.17695	.00110	.02946	.00801	.00268	.00531	.04487
#2	.00751	.17810	.00107	.02949	.00804	.00273	.00530	.04598
#3	.00765	.17957	.00117	.02913	.00806	.00271	.00537	.04530

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	.01373	.00308	.04259	.00406	.01846	.18205	-.00010	.00485
Stddev	.00013	.00008	.00080	.00017	.00079	.00125	.00010	.00025
%RSD	.97413	2.5173	1.8766	4.1834	4.2637	.68417	98.040	5.2455

#1	.01361	.00316	.04167	.00413	.01772	.18063	-.00019	.00487
#2	.01369	.00302	.04294	.00386	.01929	.18296	-.00011	.00510
#3	.01387	.00304	.04315	.00418	.01836	.18257	.00000	.00459

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	.01028	.00276	.02663	.00053	.04922	.12893	1.7062	
Stddev	.00036	.00008	.00063	.00003	.00040	.00209	.0080	
%RSD	3.4779	2.7745	2.3637	5.3330	.81885	1.6176	.46857	

#1	.01015	.00275	.02647	.00056	.04892	.12711	1.6996	
#2	.01002	.00270	.02733	.00051	.04968	.13121	1.7151	
#3	.01069	.00285	.02610	.00052	.04905	.12846	1.7039	

Sample Name: S1 Acquired: 10/10/2017 10:33:19 Type: Cal
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v206) 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	738.77	1316.0	34812.	7605.8	2648.3
Stddev	7.66	3.5	286.	24.1	7.3
%RSD	1.0366	.26736	.82252	.31748	.27404
#1	747.57	1312.4	35111.	7616.9	2640.1
#2	733.56	1319.4	34786.	7578.1	2653.9
#3	735.19	1316.3	34540.	7622.3	2650.9

Sample Name: S2 Acquired: 10/10/2017 10:37:29 Type: Cal
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v206) 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	.06371	.06661	1.0442	.10913	.27398	5.1013	11.295	.24121
Stddev	.00009	.00030	.0023	.00017	.00236	.0324	.062	.00108
%RSD	.14451	.45261	.21899	.15844	.86124	.63536	.55048	.44614

#1	.06381	.06691	1.0468	.10894	.27581	5.1024	11.273	.24207
#2	.06364	.06662	1.0428	.10928	.27132	5.0683	11.246	.24156
#3	.06367	.06631	1.0428	.10918	.27482	5.1331	11.365	.24000

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	.92272	2.2591	.39441	.39421	1.0208	.93819	1.3343	.60513
Stddev	.00277	.0190	.00180	.00024	.0056	.00414	.0076	.00234
%RSD	.30026	.83886	.45664	.06197	.54325	.44118	.56962	.38643

#1	.92017	2.2751	.39546	.39399	1.0177	.94272	1.3413	.60641
#2	.92567	2.2640	.39545	.39416	1.0176	.93460	1.3353	.60244
#3	.92234	2.2381	.39233	.39447	1.0272	.93725	1.3262	.60655

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	.23263	.09131	.37710	.05171	1.2043	1.2700	.02236	.34715
Stddev	.00041	.00038	.00208	.00017	.0051	.0071	.00011	.00131
%RSD	.17736	.42108	.55051	.32940	.42079	.56216	.48420	.37663

#1	.23231	.09138	.37845	.05166	1.2099	1.2682	.02242	.34862
#2	.23310	.09165	.37471	.05190	1.2027	1.2640	.02243	.34668
#3	.23248	.09089	.37815	.05158	1.2001	1.2779	.02224	.34614

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	1.2397	.03082	.34532	.07568	.63298	5.3764	32.479	
Stddev	.0011	.00016	.00119	.00032	.00191	.0607	.100	
%RSD	.08850	.50823	.34537	.42717	.30251	1.1284	.30763	

#1	1.2388	.03066	.34602	.07577	.63478	5.3529	32.473	
#2	1.2394	.03097	.34394	.07595	.63097	5.3310	32.381	
#3	1.2409	.03084	.34600	.07532	.63319	5.4453	32.581	

Sample Name: S2 Acquired: 10/10/2017 10:37:29 Type: Cal
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v206) 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	657.18	1157.8	31775.	7227.8	2192.1
Stddev	8.43	8.9	191.	35.7	17.3
%RSD	1.2820	.76824	.60077	.49448	.78715
#1	657.43	1148.4	31844.	7219.2	2173.3
#2	665.48	1166.1	31922.	7267.1	2207.1
#3	648.63	1158.8	31560.	7197.1	2196.0

Sample Name: S3 Acquired: 10/10/2017 10:41:23 Type: Cal
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v206) 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	.12896	.12954	2.0685	.21724	.54839	10.441	22.668	.48814
Stddev	.00034	.00083	.0026	.00035	.00228	.042	.092	.00140
%RSD	.26099	.63892	.12364	.15914	.41656	.39910	.40475	.28588

#1	.12914	.12923	2.0656	.21728	.55064	10.486	22.767	.48975
#2	.12857	.13048	2.0704	.21756	.54607	10.404	22.651	.48726
#3	.12917	.12892	2.0696	.21687	.54846	10.434	22.585	.48741

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	1.8615	4.5214	.76300	.79483	2.0440	1.8539	2.6222	1.2233
Stddev	.0031	.0151	.00330	.00134	.0046	.0105	.0155	.0059
%RSD	.16753	.33297	.43210	.16807	.22397	.56544	.58931	.48362

#1	1.8610	4.5071	.75936	.79341	2.0484	1.8547	2.6206	1.2269
#2	1.8587	4.5200	.76384	.79606	2.0392	1.8431	2.6075	1.2165
#3	1.8649	4.5371	.76580	.79502	2.0443	1.8640	2.6383	1.2266

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	.46746	.18540	.76181	.10255	2.4213	2.5573	.01044	.69287
Stddev	.00093	.00052	.00403	.00031	.0200	.0146	.00024	.00237
%RSD	.19907	.27950	.52849	.29857	.82638	.56960	2.2727	.34225

#1	.46652	.18573	.76644	.10290	2.4049	2.5720	.01017	.69542
#2	.46748	.18480	.75910	.10232	2.4154	2.5429	.01062	.69245
#3	.46838	.18567	.75990	.10244	2.4436	2.5569	.01053	.69074

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707	Sr4077	
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	
Avg	2.4477	.06427	.67369	.15383	1.2597	7.9973	47.289	
Stddev	.0022	.00010	.00220	.00036	.0019	.0691	.213	
%RSD	.08814	.15680	.32588	.23403	.14650	.86360	.44982	

#1	2.4472	.06419	.67622	.15423	1.2597	8.0754	47.511	
#2	2.4458	.06438	.67252	.15354	1.2578	7.9722	47.087	
#3	2.4500	.06424	.67232	.15371	1.2615	7.9442	47.269	

Sample Name: S3 Acquired: 10/10/2017 10:41:23 Type: Cal
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v206) 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	628.27	1103.6	30495.	6969.0	2016.1
Stddev	2.69	1.6	65.	29.8	4.5
%RSD	.42784	.14400	.21190	.42712	.22339
#1	625.99	1101.9	30484.	6936.9	2014.6
#2	631.23	1103.8	30564.	6995.7	2012.5
#3	627.58	1105.0	30437.	6974.3	2021.1

Sample Name: S4 Acquired: 10/10/2017 10:45:16 Type: Cal
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v206) 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	.25830	.24310	3.9744	.42790	1.1016	20.944	43.218	.95884
Stddev	.00150	.00098	.0009	.00140	.0025	.114	.179	.02069
%RSD	.57885	.40309	.02197	.32653	.22472	.54544	.41467	2.1579

#1	.25742	.24372	3.9753	.42868	1.0995	21.023	43.297	.96203
#2	.26003	.24362	3.9742	.42873	1.1043	20.996	43.345	.97775
#3	.25746	.24197	3.9736	.42628	1.1009	20.813	43.013	.93674

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	3.6356	9.0417	1.4447	1.5637	4.0153	3.5706	5.0736	2.3848
Stddev	.0101	.0370	.0065	.0031	.0508	.0169	.0309	.0083
%RSD	.27772	.40905	.45292	.20008	1.2664	.47313	.60887	.34718

#1	3.6464	9.0339	1.4442	1.5670	4.0536	3.5580	5.0558	2.3841
#2	3.6264	9.0820	1.4514	1.5632	4.0347	3.5898	5.1093	2.3934
#3	3.6340	9.0093	1.4384	1.5608	3.9576	3.5640	5.0557	2.3769

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	.90598	.38284	1.4978	.20001	5.0693	5.0018	.00417	1.3138
Stddev	.00171	.00182	.0147	.00085	.1199	.0547	.00029	.0268
%RSD	.18839	.47639	.98294	.42306	2.3648	1.0941	6.9016	2.0423

#1	.90792	.38478	1.5063	.19925	5.0689	5.0467	.00445	1.3172
#2	.90471	.38257	1.5063	.20092	4.9496	5.0177	.00388	1.3389
#3	.90530	.38117	1.4808	.19986	5.1893	4.9408	.00419	1.2855

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707	Sr4077	
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	
Avg	4.7379	.13077	1.2931	.30266	2.4357	14.376	82.302	
Stddev	.0034	.00082	.0241	.00025	.0142	.179	1.008	
%RSD	.07199	.62390	1.8664	.08111	.58160	1.2468	1.2244	

#1	4.7342	.13013	1.2976	.30269	2.4432	14.539	82.978	
#2	4.7389	.13169	1.3147	.30289	2.4445	14.407	82.785	
#3	4.7408	.13050	1.2671	.30240	2.4193	14.184	81.144	

Sample Name: S4 Acquired: 10/10/2017 10:45:16 Type: Cal
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v206) 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	584.86	1040.7	29172.	6894.9	1842.6
Stddev	13.05	6.2	258.	59.7	10.2
%RSD	2.2310	.59733	.88342	.86640	.55323
#1	582.41	1046.6	29199.	6875.9	1849.1
#2	598.96	1041.4	29415.	6846.9	1847.9
#3	573.21	1034.2	28902.	6961.8	1830.8

Sample Name: S5 Acquired: 10/10/2017 10:49:25 Type: Cal
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v206) 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	.51875	.44408	7.4382	.83757	2.2204	42.216	83.779	1.9443
Stddev	.00575	.00240	.0756	.00759	.0200	.125	.264	.0028
%RSD	1.1087	.54146	1.0163	.90574	.90264	.29548	.31481	.14227

#1	.51729	.44324	7.3995	.83727	2.2155	42.127	83.746	1.9475
#2	.51387	.44221	7.3898	.83014	2.2033	42.163	83.533	1.9424
#3	.52509	.44679	7.5253	.84530	2.2424	42.359	84.058	1.9429

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	6.8514	17.803	2.6707	2.9745	8.0740	6.7770	9.7004	4.5343
Stddev	.0748	.025	.0030	.0295	.0359	.0087	.0252	.0037
%RSD	1.0916	.13871	.11181	.99135	.44510	.12800	.26007	.08241

#1	6.8076	17.815	2.6682	2.9561	8.0406	6.7870	9.7274	4.5385
#2	6.8088	17.820	2.6740	2.9590	8.0692	6.7727	9.6962	4.5312
#3	6.9377	17.775	2.6698	3.0086	8.1120	6.7713	9.6774	4.5334

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	1.7020	.80417	2.9603	.38436	10.225	9.9264	-.00587	2.4967
Stddev	.0163	.00111	.0120	.00157	.041	.0435	.00045	.0032
%RSD	.95899	.13776	.40541	.40757	.40174	.43787	7.6717	.12821

#1	1.6922	.80492	2.9546	.38595	10.197	9.8931	-.00591	2.4987
#2	1.6930	.80290	2.9522	.38431	10.272	9.9106	-.00630	2.4985
#3	1.7208	.80468	2.9741	.38282	10.205	9.9756	-.00540	2.4930

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	8.9905	.25960	2.5320	.57357	4.6968	27.391	150.25	
Stddev	.0957	.00139	.0039	.00438	.0068	.180	.62	
%RSD	1.0640	.53546	.15210	.76388	.14565	.65593	.41593	

#1	8.9795	.25993	2.5345	.57227	4.6906	27.243	150.97	
#2	8.9008	.25807	2.5340	.56998	4.6957	27.340	149.96	
#3	9.0912	.26080	2.5276	.57845	4.7042	27.591	149.83	

Sample Name: S5 Acquired: 10/10/2017 10:49:25 Type: Cal
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v206) 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	549.41	968.15	28399.	6720.9	1666.1
Stddev	1.63	8.80	7.	15.3	12.1
%RSD	.29606	.90900	.02568	.22750	.72837
#1	549.70	965.96	28404.	6707.5	1665.8
#2	547.66	977.84	28403.	6717.5	1678.4
#3	550.88	960.65	28391.	6737.6	1654.1

Sample Name: S6 Acquired: 10/10/2017 10:53:33 Type: Cal
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v206) 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	113.79	29.429	18.015	7.2076	8.2479
Stddev	.54	.142	.071	.0312	.0177
%RSD	.47236	.48339	.39583	.43323	.21512

#1	113.99	29.332	17.944	7.1727	8.2282
#2	113.19	29.363	18.014	7.2173	8.2627
#3	114.21	29.593	18.087	7.2329	8.2526

Int. Std.	Y_3710
Units	Cts/S
Avg	6393.9
Stddev	17.4
%RSD	.27163

#1	6413.9
#2	6382.1
#3	6385.9

Sample Name: ICV Acquired: 10/10/2017 11:10:17 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v206) 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	.9646515	1.019404	1.007629	1.004234	.9500837	2.394951
Stddev	.0056443	.007210	.001369	.003801	.0017010	.009376
%RSD	.5851175	.7073109	.1358688	.3784615	.1790401	.3914934

#1	.9710367	1.015605	1.008856	1.002074	.9481431	2.405505
#2	.9603273	1.014888	1.007877	1.008622	.9513168	2.391765
#3	.9625904	1.027720	1.006152	1.002005	.9507912	2.387583

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.5103474	.4786035	.4826698	9.368176	.5364934	.4790951
Stddev	.0014110	.0004550	.0021557	.041044	.0018846	.0008294
%RSD	.2764797	.0950766	.4466155	.4381229	.3512820	.1731214

#1	.5118354	.4785610	.4850803	9.374470	.5357469	.4798829
#2	.5101781	.4790783	.4809270	9.324348	.5350963	.4782296
#3	.5090287	.4781712	.4820020	9.405709	.5386369	.4791727

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.4808782	5.462533	.5222798	6.364848	.4972675	.4708525
Stddev	.0007781	.020643	.0031857	.058023	.0017453	.0034886
%RSD	.1618018	.3779008	.6099588	.9116206	.3509746	.7409155

#1	.4816555	5.471019	.5215242	6.428125	.4992136	.4676670
#2	.4800993	5.439000	.5195399	6.314137	.4967479	.4703098
#3	.4808799	5.477581	.5257754	6.352283	.4958411	.4745806

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	9.582323	.5397514	.9712866	9.951985	F -.003400	F -.017437
Stddev	.044963	.0031105	.0112853	.008013	.032217	.001412
%RSD	.4692334	.5762769	1.161887	.0805145	947.4737	8.096298

#1	9.625870	.5427250	.9607317	9.960419	-.040014	-.017267
#2	9.585034	.5400092	.9699457	9.951062	.009209	-.016118
#3	9.536066	.5365201	.9831824	9.944474	.020605	-.018926

Sample Name: ICV Acquired: 10/10/2017 11:10:17 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v206) 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 -.000478	.0000425	.0008017	F -.000951	.0003925	.0008751
Stddev	.000521	.0029497	.0007620	.001233	.0005145	.0001286
%RSD	108.9729	6944.423	95.04986	129.6278	131.0880	14.70022

#1	-.001077	.0029720	.0002071	-.000515	.0006467	.0007721
#2	-.000142	-.002927	.0016607	-.002343	.0007303	.0008339
#3	-.000214	.000082	.0005373	.000005	-.000200	.0010193

Elem	Sr4077
Units	ppm
Avg	.0113575
Stddev	.0000152
%RSD	.1337334

#1	.0113745
#2	.0113453
#3	.0113528

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	686.4586	1213.624	33204.96	7222.601	2519.045
Stddev	2.3229	5.930	76.71	18.705	7.110
%RSD	.3383847	.4886167	.2310161	.2589821	.2822605

#1	689.0745	1214.791	33216.44	7219.291	2513.888
#2	685.6636	1207.198	33275.27	7205.772	2516.092
#3	684.6376	1218.884	33123.15	7242.741	2527.156

Sample Name: ICB Acquired: 10/10/2017 11:14:17 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v206) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: ICB Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.004206	-.001375	-.000507	-.000966	-.000213	.0018208
Stddev	.004851	.001301	.001756	.001743	.000893	.0029631
%RSD	115.3506	94.64744	346.0680	180.3597	420.0171	162.7312

#1	.000515	-.002161	.001491	-.001115	.000377	.0003510
#2	-.009177	.000127	-.001211	.000846	.000225	.0052315
#3	-.003955	-.002091	-.001802	-.002629	-.001241	-.000120

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.002039	-.000018	.0000331	-.001484	-.000272	.0000996
Stddev	.000787	.000066	.0001285	.001931	.000367	.0000566
%RSD	38.61644	359.7337	388.2349	130.1205	134.8412	56.83062

#1	-.002315	-.000024	-.000094	.000634	-.000289	.0001108
#2	-.001151	.000050	.000030	-.003148	.000103	.0000382
#3	-.002651	-.000082	.000163	-.001938	-.000630	.0001497

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0006858	-.005008	-.000310	.0038394	-.000537	.0000648
Stddev	.0007582	.001915	.000548	.0092352	.000173	.0002278
%RSD	110.5550	38.23353	177.1641	240.5352	32.23723	351.2344

#1	.0006311	-.003258	-.000503	.0066409	-.000645	.0002770
#2	-.000044	-.007053	-.000735	-.006472	-.000629	.0000934
#3	.001470	-.004712	.000309	.011350	-.000337	-.000176

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.015903	.0006064	.0012736	-.036270	F .0165820	-.002276
Stddev	.095144	.0012938	.0014579	.009778	.0640737	.000815
%RSD	598.2798	213.3591	114.4683	26.95778	386.4055	35.81611

#1	-.030926	-.000038	.0026567	-.042841	.0297561	-.001338
#2	.085859	-.000239	-.000249	-.025033	-.053055	-.002817
#3	-.102642	.002096	.001413	-.040935	.073045	-.002672

Sample Name: ICB Acquired: 10/10/2017 11:14:17 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v206) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: ICB Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000181	-.001111	-.000557	-.001955	.0007257	.0005250
Stddev	.000101	.001191	.000973	.001403	.0001786	.0000813
%RSD	55.55428	107.1929	174.7136	71.79750	24.60605	15.48933

#1	-.000231	-.002414	.000286	-.000454	.0007769	.0005141
#2	-.000065	-.000076	-.000335	-.003234	.0005271	.0004497
#3	-.000247	-.000845	-.001621	-.002175	.0008731	.0006113

Elem	Sr4077
Units	ppm
Avg	-.000115
Stddev	.000030
%RSD	25.92962

#1	-.000087
#2	-.000111
#3	-.000146

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	737.4930	1278.501	35486.21	7568.775	2716.278
Stddev	1.4463	5.091	4.15	112.202	6.922
%RSD	.1961116	.3981699	.0116925	1.482427	.2548428

#1	737.1899	1282.321	35490.76	7506.653	2716.480
#2	739.0668	1280.461	35482.64	7698.298	2723.097
#3	736.2222	1272.722	35485.24	7501.373	2709.257

Sample Name: ICSA Acquired: 10/10/2017 11:18:27 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v206) 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	.0053778	-.020016	-.002548	-.012868	.0044086	237.8784
Stddev	.0069026	.004972	.001730	.003242	.0033169	.7915
%RSD	128.3529	24.83901	67.90993	25.19103	75.23621	.3327290

#1	.0133455	-.017625	-.000551	-.010911	.0007096	238.7895
#2	.0012126	-.016692	-.003606	-.016610	.0071181	237.3609
#3	.0015754	-.025732	-.003487	-.011084	.0053980	237.4847

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0025151	.0011324	.0035195	238.2794	.0527440	-.000515
Stddev	.0001683	.0002400	.0001276	1.2984	.0009567	.000413
%RSD	6.691136	21.19742	3.626102	.5448864	1.813886	80.05813

#1	.0023628	.0010678	.0035982	238.9018	.0519182	-.000479
#2	.0026958	.0013982	.0035880	239.1494	.0525214	-.000122
#3	.0024867	.0009313	.0033722	236.7870	.0537924	-.000945

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0236142	101.6046	.0104228	265.1181	.0036136	.0031046
Stddev	.0002902	.2963	.0003220	.7978	.0004762	.0001498
%RSD	1.229008	.2915932	3.089875	.3009346	13.17693	4.824091

#1	.0236807	101.7200	.0104391	265.9662	.0033169	.0029476
#2	.0232966	101.8257	.0100929	264.3824	.0041628	.0031203
#3	.0238655	101.2680	.0107364	265.0058	.0033610	.0032459

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.3936317	-.000429	.0115636	-.134913	.0037899	F -.313390
Stddev	.0530591	.001710	.0013673	.013762	.0646851	.001673
%RSD	13.47937	398.4051	11.82442	10.20095	1706.796	.5337663

#1	.4494444	.001041	.0106074	-.134398	-.070859	-.315270
#2	.3438399	-.002306	.0109537	-.121415	.038915	-.312066
#3	.3876107	-.000023	.0131298	-.148926	.043313	-.312835

Sample Name: ICSA Acquired: 10/10/2017 11:18:27 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v206) 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	-.000707	.0240309	-.001038	-.000484	.0018728	.0043014
Stddev	.000671	.0106118	.001125	.001636	.0002565	.0002587
%RSD	94.97112	44.15871	108.4226	338.2738	13.69717	6.014731

#1	-.001378	.0277485	-.002321	.001146	.0019257	.0041887
#2	-.000707	.0120606	-.000221	-.002125	.0020987	.0045974
#3	-.000035	.0322837	-.000571	-.000472	.0015939	.0041181

Elem	Sr4077
Units	ppm
Avg	.0954281
Stddev	.0003719
%RSD	.3897623

#1	.0958540
#2	.0952630
#3	.0951674

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	644.5389	1121.559	30779.74	6906.549	2030.084
Stddev	4.1815	10.897	70.61	48.301	14.290
%RSD	.6487600	.9715958	.2293978	.6993483	.7039176

#1	643.5742	1109.409	30798.00	6850.784	2014.343
#2	640.9241	1124.801	30701.80	6933.629	2033.667
#3	649.1185	1130.468	30839.43	6935.235	2042.241

Sample Name: ICSAB Acquired: 10/10/2017 11:22:34 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v206) 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	.1086475	.0885378	.0468598	.0407478	.5737704	239.5174
Stddev	.0027474	.0037582	.0005297	.0034076	.0018093	1.3204
%RSD	2.528697	4.244795	1.130443	8.362605	.3153432	.5512707

#1	.1063916	.0869160	.0468539	.0383648	.5728655	240.9382
#2	.1117071	.0858627	.0473924	.0392278	.5758536	238.3281
#3	.1078438	.0928346	.0463330	.0446509	.5725920	239.2858

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.5069259	.4901733	.9947518	239.6039	.5562461	.4881941
Stddev	.0030009	.0027038	.0008376	.6957	.0016644	.0002732
%RSD	.5919803	.5516059	.0841979	.2903368	.2992257	.0559556

#1	.5103906	.4888877	.9939381	238.9162	.5570792	.4879911
#2	.5051427	.4883520	.9947059	240.3073	.5543296	.4885047
#3	.5052446	.4932800	.9956113	239.5881	.5573294	.4880865

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.5096865	102.6404	.5272598	267.6746	.9906704	.1985058
Stddev	.0048102	.2334	.0030113	.9120	.0005009	.0007961
%RSD	.9437589	.2273825	.5711154	.3407296	.0505613	.4010405

#1	.5146398	102.7159	.5240610	268.5294	.9900950	.1976587
#2	.5050334	102.3786	.5276789	266.7145	.9909066	.1986201
#3	.5093863	102.8267	.5300396	267.7800	.9910094	.1992386

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.4221763	.5208003	1.007735	-.269183	.1109629	F -.321126
Stddev	.0064085	.0022836	.015045	.031854	.0147120	.001511
%RSD	1.517969	.4384709	1.492996	11.83343	13.25845	.4705563

#1	.4270039	.5215579	1.018646	-.298112	.1005775	-.319979
#2	.4149056	.5182342	.990572	-.235047	.1045130	-.320559
#3	.4246194	.5226088	1.013989	-.274390	.1277982	-.322838

Sample Name: ICSAB Acquired: 10/10/2017 11:22:34 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v206) 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	-.000596	.0262379	.0000274	-.001085	.0016310	.0043111
Stddev	.000416	.0064992	.0008863	.002186	.0008074	.0002713
%RSD	69.77249	24.77033	3236.141	201.4266	49.50021	6.292873

#1	-.000291	.0202784	-.000645	-.000545	.0013698	.0045522
#2	-.000427	.0331677	.001032	.000780	.0009866	.0040173
#3	-.001069	.0252675	-.000304	-.003490	.0025367	.0043638

Elem	Sr4077
Units	ppm
Avg	.0959288
Stddev	.0004513
%RSD	.4705083

#1	.0964476
#2	.0956257
#3	.0957132

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	644.5986	1111.530	30844.70	6905.282	2025.691
Stddev	8.0053	5.762	88.77	16.449	6.444
%RSD	1.241900	.5183486	.2878023	.2382088	.3181082

#1	636.2545	1106.202	30770.32	6895.495	2019.818
#2	652.2154	1117.644	30820.82	6924.272	2032.584
#3	645.3258	1110.744	30942.97	6896.078	2024.670

Sample Name: CCV036 Acquired: 10/10/2017 11:26:33 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v206) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: CCV036 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.938446	4.529889	23.84645	4.921214	4.916991	398.8134
Stddev	.039654	.028972	.07299	.018601	.010479	.8297
%RSD	.8029582	.6395831	.3060797	.3779720	.2131083	.2080446

#1	4.903230	4.497512	23.83599	4.904351	4.928322	398.4879
#2	4.930709	4.553371	23.77926	4.918125	4.907651	398.1958
#3	4.981397	4.538784	23.92411	4.941166	4.915001	399.7565

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	9.917520	.5129014	2.443259	386.6268	14.98090	2.409545
Stddev	.132084	.0032598	.012030	.4966	.05919	.008580
%RSD	1.331830	.6355694	.4923885	.1284500	.3950770	.3560633

#1	9.856030	.5136032	2.435547	387.1499	15.01283	2.410194
#2	10.06914	.5157531	2.437107	386.1617	15.01726	2.400660
#3	9.82739	.5093477	2.457121	386.5689	14.91260	2.417782

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	15.19054	401.4402	14.99533	406.9486	2.388307	1.293498
Stddev	.01020	1.2849	.03771	1.1277	.009461	.003743
%RSD	.0671542	.3200631	.2514595	.2771079	.3961475	.2893349

#1	15.17876	400.5758	14.98559	406.7763	2.383836	1.297781
#2	15.19609	400.8281	14.96345	405.9170	2.381910	1.291858
#3	15.19676	402.9167	15.03695	408.1525	2.399175	1.290855

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	394.3489	2.498825	15.12728	152.3425	F -1.38472	F 4.160941
Stddev	1.0012	.008038	.17329	.2747	.05528	.018053
%RSD	.2538768	.3216602	1.145537	.1802939	3.991796	.4338595

#1	394.3978	2.495450	15.01932	152.2052	-1.44468	4.168203
#2	393.3242	2.493026	15.03536	152.1636	-1.37369	4.174231
#3	395.3247	2.508000	15.32716	152.6588	-1.33579	4.140388

Sample Name: CCV036 Acquired: 10/10/2017 11:26:33 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v206) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: CCV036 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.915968	4.896286	5.005105	4.801302	4.962570	4.763125
Stddev	.015302	.044964	.020511	.022523	.005778	.010293
%RSD	.3112780	.9183200	.4098062	.4691048	.1164247	.2160874

#1	4.915701	4.850146	5.015470	4.775355	4.964519	4.756564
#2	4.900800	4.898741	5.018366	4.815816	4.956070	4.757824
#3	4.931402	4.939972	4.981480	4.812734	4.967121	4.774987

Elem	Sr4077
Units	ppm
Avg	4.695473
Stddev	.015308
%RSD	.3260171

#1	4.681358
#2	4.711745
#3	4.693317

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	561.0002	959.6580	28158.93	6568.217	1665.422
Stddev	5.0112	4.3716	86.57	5.774	4.651
%RSD	.8932604	.4555349	.3074343	.0879112	.2792603

#1	563.3792	954.6271	28172.62	6569.271	1660.180
#2	564.3787	962.5316	28237.83	6561.988	1669.053
#3	555.2426	961.8152	28066.32	6573.391	1667.032

Sample Name: CCB036 Acquired: 10/10/2017 11:30:41 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v206) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: CCB036 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.001164	-.001718	-.000863	.0008067	-.000228	.0037295	-.003154
Stddev	.004573	.002824	.002043	.0029051	.000851	.0021558	.000288
%RSD	392.9523	164.4087	236.8422	360.1123	373.8868	57.80358	9.132894

#1	.003901	-.004783	-.001654	.0038671	.000453	.0051415	-.003240
#2	-.002403	-.001148	.001458	-.001913	-.001182	.0012481	-.003389
#3	-.004989	.000778	-.002392	.000466	.000046	.0047989	-.002833

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0000442	.0000977	.0022342	-.000269	.0002385	.0012430	.0029046
Stddev	.0000742	.0000990	.0056272	.000474	.0004353	.0008904	.0058487
%RSD	167.8302	101.3505	251.8697	176.2677	182.5103	71.63450	201.3630

#1	-.000018	.0001019	.0076503	-.000353	.0002393	.0006078	-.003335
#2	.000126	.0001945	-.003583	.000241	.0006735	.0022608	.003787
#3	.000024	-.000003	.002635	-.000696	-.000197	.0008604	.008262

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0001002	.0063944	-.000364	.0001229	-.006954	.0000133	.0002526
Stddev	.0002456	.0039333	.000334	.0001217	.023853	.0017179	.0025845
%RSD	245.0919	61.51168	91.68796	98.96571	342.9919	12960.20	1023.069

#1	-.000073	.0104942	-.000750	.0001300	.002970	-.001229	-.002453
#2	-.000008	.0060368	-.000163	-.000002	-.034167	.001974	.002696
#3	.000381	.0026521	-.000180	.000241	.010334	-.000705	.000515

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.047742	-.006561	.0074643	.0000951	-.001225	-.001142	-.001044
Stddev	.017409	.057371	.0010466	.0003847	.003257	.000332	.001566
%RSD	36.46407	874.3990	14.02167	404.5797	265.9570	29.08511	149.9619

#1	-.034917	.022392	.0085320	.0003690	-.000394	-.001344	-.001774
#2	-.040749	.030563	.0074207	.0002610	-.004816	-.001324	.000754
#3	-.067560	-.072639	.0064401	-.000345	.001537	-.000759	-.002113

Sample Name: CCB036 Acquired: 10/10/2017 11:30:41 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v206) Mode: CONC Corr. Factor: 1.000000
 User: JASWAL Custom ID1: CCB036 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.0004524	.0005569	-.000093
Stddev	.0003351	.0003536	.000024
%RSD	74.07957	63.49082	26.39757

#1	.0003251	.0001589	-.000065
#2	.0001996	.0008345	-.000103
#3	.0008325	.0006772	-.000110

Int. Std.	Y_ 2243	Y_ 2243	Y_ 3600	Y_ 3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	704.9722	1219.893	34680.97	7425.548	2666.370
Stddev	4.8135	8.866	176.05	71.252	12.460
%RSD	.6827950	.7267844	.5076144	.9595476	.4672965

#1	699.5062	1210.325	34481.00	7395.790	2651.986
#2	708.5781	1221.524	34749.27	7373.998	2673.259
#3	706.8323	1227.831	34812.62	7506.854	2673.863

Sample Name: I5524-03 Acquired: 10/10/2017 11:51:08 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v206) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MC0AD4 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0740303	-.030118	.5214490	.0021720	.0022657	86.31854	.8778216
Stddev	.0009050	.001618	.0024561	.0030820	.0017614	.00796	.0019772
%RSD	1.222442	5.373363	.4710140	141.8999	77.74192	.0092210	.2252418

#1	.0738420	-.028398	.5209719	.0054404	.0027162	86.31180	.8756972
#2	.0750146	-.031610	.5241086	.0017571	.0003228	86.32732	.8781595
#3	.0732343	-.030346	.5192664	-.000682	.0037580	86.31649	.8796081

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0074145	.0113300	20.85413	.3517895	.0958490	.3521647	164.8106
Stddev	.0001319	.0001290	.12998	.0030065	.0013711	.0015679	.5393
%RSD	1.779314	1.138823	.6233031	.8546190	1.430516	.4452119	.3272462

#1	.0073235	.0114497	20.77917	.3486335	.0974319	.3503843	165.4334
#2	.0073543	.0111933	21.00423	.3546199	.0950899	.3527705	164.5029
#3	.0075658	.0113468	20.77901	.3521151	.0950254	.3533393	164.4956

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	3.448198	32.48598	.1787763	.0064234	1.697188	.2648812	1.309270
Stddev	.006694	.04340	.0004854	.0001809	.024700	.0011563	.030743
%RSD	.1941175	.1335833	.2715134	2.816697	1.455341	.4365266	2.348096

#1	3.454769	32.53540	.1792480	.0063244	1.700442	.2657892	1.344768
#2	3.448438	32.45410	.1782783	.0063136	1.720100	.2635795	1.291739
#3	3.441388	32.46844	.1788026	.0066322	1.671023	.2652750	1.291304

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	9.897425	115.1404	-.475192	.0021508	10.54353	10.97218	.0511385
Stddev	.031855	1.1309	.007279	.0005931	.04188	.14127	.0023041
%RSD	.3218554	.9821859	1.531725	27.57381	.3972210	1.287527	4.505659

#1	9.924946	115.9455	-.467117	.0017161	10.58826	10.80932	.0536960
#2	9.862529	115.6283	-.481249	.0019100	10.53708	11.06160	.0504946
#3	9.904799	113.8475	-.477208	.0028264	10.50525	11.04564	.0492248

Sample Name: I5524-03 Acquired: 10/10/2017 11:51:08 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v206) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MC0AD4 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	3.651378	.1050792	.1108131
Stddev	.003258	.0002181	.0000971
%RSD	.0892319	.2075343	.0876303

#1	3.647867	.1048988	.1109202
#2	3.654304	.1050173	.1107308
#3	3.651962	.1053215	.1107884

Int. Std.	Y_ 2243	Y_ 2243	Y_ 3600	Y_ 3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	738.3272	1283.818	36959.42	8118.197	2253.273
Stddev	18.4328	10.221	469.87	9.007	13.832
%RSD	2.496569	.7961153	1.271314	.1109465	.6138651

#1	718.0580	1281.224	36417.72	8107.923	2247.196
#2	754.0868	1275.145	37256.72	8121.933	2243.520
#3	742.8369	1295.086	37203.82	8124.735	2269.103

Sample Name: I5524-04 Acquired: 10/10/2017 11:55:11 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v206) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MC0AD5 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0812560	-.028677	.5217825	-.001743	.0048484	86.86007	.8798291
Stddev	.0037130	.002639	.0036263	.004267	.0009676	.17891	.0021273
%RSD	4.569558	9.201200	.6949892	244.7692	19.95660	.2059795	.2417813

#1	.0778061	-.026561	.5205013	-.002564	.0055013	86.86391	.8795330
#2	.0851855	-.031634	.5258755	-.005540	.0037368	86.67927	.8778655
#3	.0807765	-.027837	.5189706	.002874	.0053070	87.03703	.8820889

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0075362	.0110794	20.86995	.3539716	.0956909	.3564731	166.5693
Stddev	.0002559	.0004108	.16458	.0004650	.0009355	.0019140	.3872
%RSD	3.396002	3.707975	.7885770	.1313669	.9776102	.5369279	.2324766

#1	.0072419	.0106906	20.73237	.3534541	.0951992	.3544831	166.4582
#2	.0077069	.0110386	20.82522	.3543544	.0951038	.3583007	166.2497
#3	.0076597	.0115091	21.05227	.3541063	.0967697	.3566355	166.9999

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	3.492585	32.81474	.1794075	.0065482	1.681395	.2691747	1.287277
Stddev	.006935	.03214	.0009654	.0001706	.007948	.0024930	.005913
%RSD	.1985704	.0979333	.5381225	2.605771	.4727035	.9261481	.4593633

#1	3.500157	32.85162	.1782954	.0065470	1.689253	.2670816	1.286371
#2	3.491057	32.79270	.1798969	.0063782	1.673360	.2685099	1.293590
#3	3.486542	32.79991	.1800303	.0067195	1.681572	.2719327	1.281868

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	9.950650	115.1987	-.482031	.0022187	10.56795	11.15318	.0514574
Stddev	.053317	.5482	.001787	.0003112	.07110	.02302	.0028854
%RSD	.5358191	.4758704	.3706610	14.02521	.6728277	.2064275	5.607381

#1	10.00796	114.9032	-.481213	.0023380	10.49610	11.12660	.0547662
#2	9.94147	114.8617	-.480801	.0024525	10.56946	11.16651	.0494644
#3	9.90252	115.8313	-.484081	.0018655	10.63828	11.16644	.0501416

Sample Name: I5524-04 Acquired: 10/10/2017 11:55:11 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v206) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MC0AD5 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	3.690017	.1050892	.1111761
Stddev	.004808	.0002328	.0002022
%RSD	.1303067	.2215586	.1818776

#1	3.689150	.1053561	.1111228
#2	3.685702	.1049832	.1110059
#3	3.695200	.1049282	.1113996

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	749.1420	1306.484	37233.07	8078.144	2280.213
Stddev	7.9593	8.340	253.59	25.109	14.473
%RSD	1.062460	.6383224	.6810849	.3108285	.6347337

#1	740.1451	1314.530	36952.71	8049.150	2293.315
#2	755.2662	1307.042	37446.44	8092.743	2282.646
#3	752.0146	1297.879	37300.06	8092.537	2264.677

Sample Name: I5524-05 Acquired: 10/10/2017 11:59:15 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v206) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MC0AD5D Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1020406	-.029013	.5889938	.0007654	.0076984	106.3798	.9807863
Stddev	.0042663	.003812	.0024079	.0043651	.0010538	.6641	.0042187
%RSD	4.180954	13.13866	.4088118	570.3272	13.68855	.6243028	.4301323

#1	.1028579	-.025849	.5873291	.0038830	.0088840	106.0396	.9771724
#2	.1058391	-.027946	.5878976	.0026366	.0073428	107.1452	.9854220
#3	.0974248	-.033245	.5917548	-.004223	.0068684	105.9548	.9797643

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0089585	.0109150	14.70958	.4597939	.1171530	.3597597	173.5942
Stddev	.0001565	.0002118	.03159	.0012802	.0009586	.0034207	.8495
%RSD	1.746778	1.940023	.2147689	.2784320	.8182135	.9508274	.4893584

#1	.0091283	.0106705	14.74580	.4606271	.1166859	.3578602	173.5422
#2	.0089273	.0110355	14.69521	.4583198	.1165175	.3637086	174.4685
#3	.0088200	.0110390	14.68773	.4604347	.1182555	.3577102	172.7719

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.975462	31.14948	.2078368	.0064657	1.857791	.3032305	1.097180
Stddev	.010171	.15849	.0014034	.0003100	.021578	.0017548	.005078
%RSD	.3418364	.5088201	.6752221	4.793782	1.161509	.5787014	.4628280

#1	2.972295	31.15746	.2077122	.0062398	1.854801	.3013715	1.102540
#2	2.986840	31.30384	.2064999	.0068190	1.837864	.3048582	1.096559
#3	2.967251	30.98715	.2092983	.0063382	1.880709	.3034617	1.092440

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	9.020350	80.83938	-.508469	.0025793	11.31523	12.24401	.0504832
Stddev	.082879	.15962	.004497	.0001271	.00626	.06952	.0015718
%RSD	.9187977	.1974538	.8844116	4.928171	.0553658	.5677703	3.113565

#1	8.992894	80.68117	-.504857	.0026146	11.31644	12.20109	.0522906
#2	9.113473	81.00038	-.513506	.0024382	11.32080	12.32422	.0497231
#3	8.954683	80.83659	-.507044	.0026850	11.30845	12.20673	.0494359

Sample Name: I5524-05 Acquired: 10/10/2017 11:59:15 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v206) Mode: CONC Corr. Factor: 1.000000
 User: JASWAL Custom ID1: MC0AD5D Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	3.794335	.1215182	.1052913
Stddev	.014139	.0014397	.0004588
%RSD	.3726377	1.184752	.4357408

#1	3.779579	.1204683	.1049596
#2	3.807764	.1231594	.1058149
#3	3.795660	.1209269	.1050994

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	774.2828	1324.707	38380.31	8388.234	2232.710
Stddev	3.2038	4.144	76.19	57.205	7.349
%RSD	.4137701	.3128132	.1985162	.6819658	.3291408

#1	772.4191	1329.062	38295.08	8404.203	2241.132
#2	777.9821	1320.812	38404.03	8324.742	2227.597
#3	772.4472	1324.249	38441.82	8435.757	2229.402

Sample Name: I5524-06 Acquired: 10/10/2017 12:03:16 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v206) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MC0AD5S Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0213958	-.008789	.1097737	.0013195	.0005815	19.19665	.1911407
Stddev	.0060370	.002470	.0008379	.0021215	.0016795	.03590	.0006093
%RSD	28.21568	28.10661	.7633360	160.7894	288.8297	.1870206	.3187861

#1	.0255769	-.005972	.1103401	-.000111	.0013089	19.20665	.1918119
#2	.0241358	-.009809	.1088112	.003757	-.001339	19.22648	.1909879
#3	.0144748	-.010585	.1101700	.000312	.001775	19.15680	.1906224

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0017942	.0020552	4.673078	.0803150	.0189978	.0796495	38.01369
Stddev	.0000366	.0000389	.020633	.0007577	.0002978	.0009195	.19594
%RSD	2.038975	1.894462	.4415211	.9433866	1.567471	1.154410	.5154430

#1	.0017936	.0020224	4.659383	.0802961	.0190882	.0789975	37.84128
#2	.0018310	.0020982	4.663042	.0810819	.0192400	.0792498	37.97300
#3	.0017579	.0020451	4.696809	.0795669	.0186654	.0807012	38.22677

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.7892266	7.503220	.0355321	.0017659	.4048466	.0597185	.2909624
Stddev	.0061590	.020216	.0008731	.0004567	.0428206	.0010677	.0021434
%RSD	.7803899	.2694310	2.457361	25.86427	10.57700	1.787854	.7366510

#1	.7831336	7.523122	.0354939	.0019762	.4286358	.0602853	.2928328
#2	.7890966	7.503834	.0364237	.0012419	.4304908	.0603832	.2886236
#3	.7954496	7.482704	.0346787	.0020796	.3554132	.0584869	.2914310

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.221405	22.56108	-.111033	.0001492	2.145538	2.603745	.0096328
Stddev	.005510	.13792	.001381	.0003872	.004516	.011960	.0006200
%RSD	.2480488	.6113276	1.243987	259.4364	.2104863	.4593516	6.436138

#1	2.227161	22.56370	-.110619	.0005388	2.147209	2.609485	.0102710
#2	2.216180	22.69768	-.112574	.0001443	2.140425	2.611754	.0090328
#3	2.220873	22.42187	-.109906	-.000235	2.148981	2.589997	.0095948

Sample Name: I5524-06 Acquired: 10/10/2017 12:03:16 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v206) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MC0AD5S Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.8162002	.0232426	.0247465
Stddev	.0012929	.0000939	.0000464
%RSD	.1584089	.4038979	.1874410

#1	.8149860	.0233115	.0246998
#2	.8175596	.0232807	.0247926
#3	.8160551	.0231357	.0247471

Int. Std.	Y_ 2243	Y_ 2243	Y_ 3600	Y_ 3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	714.4337	1236.215	34993.01	7469.889	2518.204
Stddev	5.8061	10.756	175.22	17.993	16.423
%RSD	.8126837	.8700671	.5007267	.2408684	.6521700

#1	707.9344	1227.802	34807.07	7449.819	2505.429
#2	719.1081	1232.509	35155.05	7475.275	2512.454
#3	716.2587	1248.334	35016.92	7484.574	2536.728

Sample Name: I5524-04LX5 Acquired: 10/10/2017 12:07:21 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v206) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MC0AD5L Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0946427	-.030286	.5630872	-.001066	.0039951	106.2843	.9516461
Stddev	.0013619	.002733	.0038461	.001460	.0023786	.6293	.0015046
%RSD	1.439028	9.025103	.6830431	137.0204	59.53889	.5920497	.1581070

#1	.0933741	-.033144	.5589061	.000490	.0018688	106.3930	.9514165
#2	.0960819	-.030015	.5638812	-.002408	.0065639	105.6079	.9502694
#3	.0944719	-.027698	.5664744	-.001280	.0035526	106.8522	.9532523

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0090587	.0110221	15.67595	.4373861	.1220464	.3359819	170.0974
Stddev	.0000487	.0001544	.06671	.0012258	.0005626	.0011213	1.0036
%RSD	.5376050	1.400383	.4255263	.2802575	.4609877	.3337455	.5900056

#1	.0090869	.0110479	15.59893	.4381912	.1217839	.3370047	170.8835
#2	.0090868	.0111619	15.71549	.4379919	.1216630	.3347829	168.9670
#3	.0090025	.0108564	15.71342	.4359754	.1226923	.3361580	170.4418

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.687021	32.66893	.2035323	.0059375	1.790222	.3049197	1.058215
Stddev	.021005	.26159	.0014248	.0001432	.042564	.0054338	.006768
%RSD	.7817169	.8007355	.7000133	2.410981	2.377594	1.782035	.6395303

#1	2.705445	32.72060	.2020242	.0060962	1.745246	.3006497	1.064285
#2	2.664148	32.38536	.2037169	.0058181	1.829873	.3030734	1.050917
#3	2.691471	32.90083	.2048557	.0058981	1.795548	.3110361	1.059442

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	8.921753	71.17318	-.495910	.0030667	10.04799	5.380532	.0485966
Stddev	.041458	.54101	.000137	.0000758	.03436	.022825	.0014584
%RSD	.4646890	.7601300	.0275475	2.472826	.3419663	.4242129	3.000963

#1	8.923032	70.68848	-.495851	.0030161	10.00872	5.396374	.0491132
#2	8.879669	71.07422	-.495813	.0030300	10.07254	5.354370	.0469502
#3	8.962556	71.75683	-.496067	.0031539	10.06272	5.390852	.0497262

Sample Name: I5524-04LX5 Acquired: 10/10/2017 12:07:21 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v206) Mode: CONC Corr. Factor: 1.000000
 User: JASWAL Custom ID1: MC0AD5L Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	3.559779	.1206717	.1012063
Stddev	.012375	.0009124	.0003343
%RSD	.3476343	.7560902	.3303257

#1	3.565016	.1204851	.1014905
#2	3.545647	.1198671	.1008380
#3	3.568675	.1216630	.1012905

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	763.4019	1317.658	38050.19	8292.080	2229.227
Stddev	4.8430	5.538	76.97	31.701	6.572
%RSD	.6344022	.4202851	.2022741	.3823031	.2948241

#1	766.1982	1316.746	38069.03	8267.758	2229.463
#2	766.1978	1323.595	38116.00	8327.932	2235.678
#3	757.8096	1312.633	37965.56	8280.549	2222.540

Sample Name: I5524-07 Acquired: 10/10/2017 12:11:22 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v206) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MC0AD6 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1289022	-.079893	1.138315	-.012580	.0088937	171.1825	1.920795
Stddev	.0025287	.004809	.003699	.004043	.0028741	.2790	.006738
%RSD	1.961745	6.018748	.3249972	32.13415	32.31624	.1629704	.3507674

#1	.1284690	-.079495	1.138227	-.009207	.0056293	171.5039	1.927474
#2	.1316195	-.084888	1.134660	-.011473	.0110440	171.0025	1.920911
#3	.1266180	-.075296	1.142057	-.017061	.0100079	171.0412	1.914001

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0145529	.0368380	86.82483	.5496795	.1936758	.8632992	379.5603
Stddev	.0001346	.0001800	1.03217	.0052633	.0014904	.0052343	3.4966
%RSD	.9248827	.4884929	1.188795	.9575287	.7695476	.6063183	.9212177

#1	.0145868	.0366743	86.35958	.5469273	.1946207	.8647454	377.9678
#2	.0144047	.0368089	86.10718	.5557483	.1919577	.8676585	377.1436
#3	.0146674	.0370307	88.00774	.5463628	.1944491	.8574939	383.5697

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	10.04226	83.04341	.4032244	.0156704	4.516291	.5046566	3.472744
Stddev	.08867	.57513	.0006203	.0003275	.047377	.0061811	.061753
%RSD	.8829735	.6925599	.1538391	2.089671	1.049035	1.224806	1.778231

#1	9.99862	82.57554	.4025602	.0160258	4.533222	.4976121	3.419994
#2	9.98386	82.86918	.4033245	.0156044	4.552876	.5071854	3.457566
#3	10.14429	83.68550	.4037886	.0153809	4.462773	.5091722	3.540671

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	25.58149	378.2234	-1.13776	.0011634	28.22674	11.87111	.0736040
Stddev	.15781	.9623	.00710	.0007237	.08343	.04634	.0037154
%RSD	.6169022	.2544242	.6244542	62.20333	.2955701	.3903728	5.047816

#1	25.73769	378.1268	-1.14444	.0016146	28.16441	11.92235	.0758765
#2	25.58465	377.3130	-1.13029	.0015471	28.19429	11.85886	.0756190
#3	25.42212	379.2303	-1.13855	.0003287	28.32152	11.83213	.0693164

Sample Name: I5524-07 Acquired: 10/10/2017 12:11:22 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v206) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MC0AD6 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	6.581457	.2374324	.3173719
Stddev	.018514	.0019392	.0008140
%RSD	.2813039	.8167443	.2564795

#1	6.572137	.2392940	.3179033
#2	6.569455	.2375792	.3164348
#3	6.602779	.2354239	.3177777

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	742.3394	1299.809	38075.09	8520.888	1975.208
Stddev	9.1065	.885	220.58	27.953	5.176
%RSD	1.226731	.0680803	.5793404	.3280530	.2620572

#1	751.1630	1300.644	38328.86	8492.524	1975.156
#2	742.8813	1299.903	37967.11	8548.412	1980.410
#3	732.9741	1298.882	37929.29	8521.729	1970.058

Sample Name: I5524-08 Acquired: 10/10/2017 12:15:19 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v206) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MC0AD7 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1056562	-.031418	1.168908	.0032728	.0048496	85.96003	1.070050
Stddev	.0064193	.002472	.004188	.0019955	.0018611	.26288	.001489
%RSD	6.075661	7.868486	.3583180	60.97088	38.37610	.3058154	.1391729

#1	.1090932	-.033259	1.164399	.0021416	.0069628	85.76171	1.070537
#2	.0982502	-.028608	1.169648	.0055769	.0034549	86.25821	1.071235
#3	.1096252	-.032387	1.172677	.0021000	.0041310	85.86018	1.068378

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0079657	.0226277	20.67482	.5623767	.0856669	.6071838	198.3318
Stddev	.0000755	.0001243	.07198	.0096705	.0007544	.0032988	.5614
%RSD	.9482249	.5493342	.3481596	1.719576	.8805961	.5432870	.2830455

#1	.0080281	.0227023	20.65360	.5726988	.0864093	.6043917	197.6986
#2	.0079871	.0226966	20.75503	.5535265	.0856905	.6108237	198.7685
#3	.0078817	.0224843	20.61584	.5609048	.0849011	.6063359	198.5282

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	3.285907	32.08185	.2253263	.0249036	1.772711	.3178210	2.284617
Stddev	.018860	.19642	.0004120	.0003638	.066663	.0007255	.028582
%RSD	.5739572	.6122517	.1828434	1.461041	3.760492	.2282872	1.251067

#1	3.264497	31.85667	.2249227	.0252937	1.706846	.3174526	2.316918
#2	3.293162	32.17092	.2253100	.0248434	1.840143	.3186569	2.274336
#3	3.300061	32.21795	.2257462	.0245735	1.771145	.3173537	2.262598

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	10.05036	197.2157	-.583405	.0036978	13.34566	12.25698	.0842168
Stddev	.08207	1.3305	.003210	.0002181	.01958	.01380	.0012935
%RSD	.8165957	.6746208	.5502908	5.897679	.1467146	.1125747	1.535909

#1	9.99854	196.3121	-.583703	.0034933	13.33152	12.25418	.0832205
#2	10.14498	198.7435	-.586455	.0039273	13.36801	12.27196	.0837512
#3	10.00754	196.5916	-.580055	.0036727	13.33746	12.24480	.0856786

Sample Name: I5524-08 Acquired: 10/10/2017 12:15:19 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v206) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MC0AD7 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	4.592446	.0965586	.1153041
Stddev	.010213	.0005264	.0002234
%RSD	.2223923	.5451668	.1937578

#1	4.580662	.0960776	.1151444
#2	4.597952	.0971209	.1155594
#3	4.598726	.0964774	.1152086

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	722.9399	1262.076	35943.66	7889.863	2239.746
Stddev	10.9575	4.880	480.54	36.836	2.498
%RSD	1.515687	.3866367	1.336928	.4668836	.1115105

#1	714.2263	1263.110	35403.31	7907.862	2240.318
#2	719.3519	1256.762	36104.57	7847.488	2237.011
#3	735.2416	1266.355	36323.10	7914.239	2241.907

Sample Name: I5524-09 Acquired: 10/10/2017 12:19:19 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v206) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MC0AD8 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1092976	-.068218	.9770630	-.008435	.0086684	147.1323	1.697426
Stddev	.0021773	.003514	.0054464	.001839	.0020440	1.4452	.016583
%RSD	1.992079	5.151446	.5574303	21.80595	23.58027	.9822505	.9769353

#1	.1094543	-.065214	.9746330	-.008435	.0078511	145.4748	1.678782
#2	.1070461	-.067358	.9732545	-.006596	.0071596	147.7927	1.702966
#3	.1113923	-.072083	.9833014	-.010274	.0109947	148.1293	1.710529

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0130177	.0314614	53.43894	.4997079	.1642954	.7469695	342.0866
Stddev	.0001187	.0005328	.82807	.0052709	.0009846	.0079420	3.4344
%RSD	.9117190	1.693387	1.549557	1.054791	.5993024	1.063225	1.003945

#1	.0129305	.0320236	52.56663	.4936353	.1651709	.7383096	338.3526
#2	.0129696	.0309640	54.21421	.5030967	.1632295	.7486860	345.1102
#3	.0131529	.0313966	53.53599	.5023918	.1644858	.7539128	342.7971

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	8.682500	68.29021	.3434891	.0143226	3.928430	.4374280	2.988485
Stddev	.089342	.70512	.0045719	.0001784	.027775	.0033111	.053228
%RSD	1.028994	1.032529	1.331030	1.245374	.7070191	.7569410	1.781094

#1	8.585587	67.47637	.3449369	.0142961	3.931311	.4348141	2.930240
#2	8.761584	68.71788	.3383685	.0141590	3.899327	.4411513	3.034603
#3	8.700328	68.67638	.3471618	.0145128	3.954652	.4363186	3.000613

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	22.07171	358.5371	-1.01679	.0007414	23.40650	12.64320	.0655774
Stddev	.19671	3.1795	.00896	.0001776	.15151	.12902	.0004141
%RSD	.8912147	.8868062	.8811147	23.94808	.6473001	1.020466	.6314442

#1	21.88389	361.8141	-1.00732	.0007121	23.51951	12.49469	.0651012
#2	22.05501	355.4649	-1.01793	.0005803	23.23434	12.70726	.0658525
#3	22.27623	358.3323	-1.02513	.0009318	23.46566	12.72766	.0657787

Sample Name: I5524-09 Acquired: 10/10/2017 12:19:19 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v206) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MC0AD8 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	5.983854	.2064555	.2667880
Stddev	.058604	.0024920	.0031692
%RSD	.9793764	1.207050	1.187900

#1	5.916227	.2042808	.2631353
#2	6.019761	.2059109	.2684205
#3	6.015574	.2091747	.2688080

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	749.3539	1310.081	38221.75	8474.122	2060.898
Stddev	8.3180	7.678	327.36	47.736	13.622
%RSD	1.110029	.5860611	.8564796	.5633125	.6609770

#1	757.9820	1301.728	38567.93	8526.845	2050.994
#2	741.3851	1316.830	37917.18	8433.835	2076.433
#3	748.6945	1311.686	38180.14	8461.687	2055.267

Sample Name: I5524-10 Acquired: 10/10/2017 12:23:18 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v206) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MC0AD9 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1243479	-.084087	1.152055	-.009672	.0083506	172.8922	1.947736
Stddev	.0042164	.006349	.002529	.004042	.0017298	.2342	.000453
%RSD	3.390805	7.550616	.2195313	41.79249	20.71500	.1354551	.0232645

#1	.1212154	-.091405	1.152975	-.007892	.0068621	172.7870	1.947946
#2	.1226862	-.080052	1.149195	-.006826	.0102484	173.1605	1.947216
#3	.1291419	-.080803	1.153996	-.014299	.0079413	172.7291	1.948046

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0148729	.0388085	59.92565	.5918198	.2004479	.8566002	389.1474
Stddev	.0002754	.0003004	.26305	.0028394	.0001808	.0045985	1.5254
%RSD	1.851778	.7739278	.4389535	.4797774	.0902080	.5368324	.3919734

#1	.0151739	.0391312	59.71392	.5948130	.2006275	.8559990	387.7639
#2	.0146334	.0387573	60.22012	.5891644	.2002659	.8523320	390.7831
#3	.0148116	.0385371	59.84292	.5914820	.2004503	.8614698	388.8950

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	10.29631	78.55753	.4212617	.0172186	4.565785	.5099397	3.449887
Stddev	.04738	.32853	.0001707	.0003928	.015501	.0031226	.014355
%RSD	.4601419	.4182052	.0405257	2.281166	.3395062	.6123395	.4160977

#1	10.24385	78.22116	.4213228	.0167666	4.574048	.5063348	3.433335
#2	10.33599	78.87761	.4213935	.0174767	4.575404	.5116772	3.457396
#3	10.30908	78.57381	.4210688	.0174126	4.547903	.5118070	3.458930

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	26.09848	414.6210	-1.16599	.0030380	29.28847	11.76880	.0802752
Stddev	.08156	.5543	.00502	.0001728	.08444	.01912	.0027123
%RSD	.3125020	.1336852	.4306893	5.689182	.2883028	.1624243	3.378737

#1	26.08506	415.1830	-1.16332	.0031743	29.37616	11.76860	.0820599
#2	26.02446	414.0747	-1.16287	.0028436	29.20771	11.74979	.0771541
#3	26.18591	414.6055	-1.17178	.0030961	29.28153	11.78802	.0816117

Sample Name: I5524-10 Acquired: 10/10/2017 12:23:18 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v206) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MC0AD9 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	6.838865	.2446818	.3025385
Stddev	.022404	.0003146	.0001313
%RSD	.3275976	.1285823	.0434036

#1	6.825391	.2446575	.3026872
#2	6.864727	.2443801	.3024387
#3	6.826476	.2450079	.3024895

Int. Std.	Y_ 2243	Y_ 2243	Y_ 3600	Y_ 3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	764.2957	1333.728	38884.58	8658.780	2008.314
Stddev	1.4212	6.438	94.19	9.106	7.309
%RSD	.1859535	.4826907	.2422195	.1051687	.3639283

#1	765.9231	1329.888	38839.32	8665.975	2000.036
#2	763.2992	1330.135	38821.56	8661.822	2011.026
#3	763.6647	1341.160	38992.85	8648.541	2013.878

Sample Name: I5524-11 Acquired: 10/10/2017 12:27:18 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v206) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MC0AE0 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0696305	-.021844	.3627336	.0032835	.0052935	54.38658	.6458329
Stddev	.0035110	.003964	.0049516	.0033998	.0013535	.20843	.0017986
%RSD	5.042271	18.14574	1.365073	103.5418	25.56965	.3832322	.2784944

#1	.0736646	-.026421	.3577070	.0068568	.0037355	54.19221	.6451877
#2	.0679621	-.019556	.3676066	.0029048	.0061799	54.36085	.6444458
#3	.0672648	-.019555	.3628873	.0000889	.0059651	54.60668	.6478650

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0050504	.0093124	22.29744	.2022427	.0615980	.3112780	140.9675
Stddev	.0000870	.0001763	.05218	.0004373	.0002591	.0002047	.5747
%RSD	1.722707	1.892751	.2340002	.2162472	.4207079	.0657510	.4076738

#1	.0050009	.0092273	22.28635	.2027267	.0618448	.3111331	140.5890
#2	.0051509	.0095151	22.25169	.2018758	.0616211	.3111887	140.6846
#3	.0049995	.0091949	22.35426	.2021256	.0613280	.3115121	141.6288

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	3.301491	27.31149	.1235310	.0060968	1.495765	.1792482	1.204226
Stddev	.022715	.10027	.0006832	.0002751	.061001	.0015652	.002908
%RSD	.6880329	.3671200	.5530348	4.512956	4.078231	.8732143	.2414730

#1	3.298912	27.27337	.1233040	.0064134	1.565743	.1810529	1.202946
#2	3.280176	27.23588	.1242988	.0059611	1.467736	.1782621	1.202178
#3	3.325386	27.42523	.1229903	.0059158	1.453817	.1784295	1.207555

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	8.362990	114.3360	-.402642	.0020953	14.50333	12.59207	.0260375
Stddev	.041723	.0369	.001556	.0005835	.02233	.01868	.0020882
%RSD	.4988995	.0322576	.3863447	27.84540	.1539792	.1483800	8.019760

#1	8.342123	114.3183	-.400998	.0014555	14.51308	12.57704	.0282589
#2	8.335817	114.3784	-.402839	.0025981	14.51914	12.61299	.0241148
#3	8.411029	114.3113	-.404090	.0022323	14.47779	12.58618	.0257388

Sample Name: I5524-11 Acquired: 10/10/2017 12:27:18 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v206) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MC0AE0 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	2.794557	.0743270	.1007128
Stddev	.013392	.0004793	.0006071
%RSD	.4792270	.6448124	.6028562

#1	2.788654	.0746123	.1006065
#2	2.785131	.0737737	.1001658
#3	2.809887	.0745950	.1013661

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	707.0425	1219.301	35299.44	7695.133	2307.682
Stddev	1.4109	4.250	75.26	16.268	2.190
%RSD	.1995544	.3485715	.2132055	.2114022	.0949102

#1	705.4140	1216.920	35227.33	7712.509	2305.326
#2	707.8147	1224.207	35377.49	7692.623	2309.656
#3	707.8988	1216.774	35293.50	7680.265	2308.066

Sample Name: I5524-12 Acquired: 10/10/2017 12:44:01 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v206) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MC0AE1 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0432897	-.023852	.3241658	.0000574	.0025119	51.56905	.6087140
Stddev	.0049609	.002799	.0014818	.0017530	.0010742	.12459	.0026549
%RSD	11.45975	11.73358	.4571139	3055.023	42.76372	.2416078	.4361473

#1	.0417741	-.024244	.3224812	-.000942	.0015776	51.70051	.6092840
#2	.0488316	-.020878	.3247484	-.000967	.0022725	51.55396	.6110375
#3	.0392634	-.026434	.3252678	.002081	.0036856	51.45269	.6058204

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0046812	.0082300	19.67203	.1955497	.0534989	.2683780	131.2388
Stddev	.0001400	.0001246	.00965	.0010071	.0000319	.0027991	.3593
%RSD	2.991148	1.513659	.0490356	.5150174	.0596372	1.042954	.2737712

#1	.0047658	.0080864	19.66261	.1964935	.0534625	.2712588	131.3905
#2	.0047583	.0083092	19.68189	.1956662	.0535122	.2682065	130.8285
#3	.0045196	.0082944	19.67161	.1944894	.0535219	.2656686	131.4973

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	3.433417	25.22387	.1089190	.0053961	1.384984	.1631206	1.053736
Stddev	.005049	.11965	.0001715	.0000885	.081936	.0018930	.021619
%RSD	.1470559	.4743409	.1574479	1.641005	5.916044	1.160473	2.051642

#1	3.434522	25.35207	.1089227	.0054658	1.433521	.1627484	1.029107
#2	3.427907	25.20439	.1087457	.0052965	1.290383	.1614413	1.062521
#3	3.437822	25.11516	.1090886	.0054262	1.431048	.1651720	1.069579

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	7.788664	102.6833	-.374590	.0001194	7.662501	12.24115	.0276304
Stddev	.044218	.7106	.002115	.0001748	.041469	.09634	.0015385
%RSD	.5677280	.6919965	.5646703	146.4908	.5411888	.7870386	5.568217

#1	7.839610	102.3322	-.375888	.0002657	7.641236	12.34367	.0294066
#2	7.760251	102.2166	-.375732	.0001667	7.635979	12.22729	.0267154
#3	7.766131	103.5010	-.372149	-.000074	7.710288	12.15249	.0267691

Sample Name: I5524-12 Acquired: 10/10/2017 12:44:01 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v206) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MC0AE1 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	2.564725	.0733352	.1023851
Stddev	.006825	.0008287	.0002677
%RSD	.2661074	1.130036	.2614680

#1	2.570760	.0737777	.1025703
#2	2.557319	.0738487	.1025068
#3	2.566097	.0723791	.1020781

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	714.6688	1239.091	35359.33	7626.041	2340.122
Stddev	4.8547	3.068	36.49	40.456	3.099
%RSD	.6793000	.2476176	.1032056	.5304974	.1324373

#1	720.1597	1236.335	35400.29	7588.575	2340.096
#2	710.9455	1238.540	35330.30	7620.610	2337.036
#3	712.9013	1242.397	35347.39	7668.938	2343.234

Sample Name: I5524-14 Acquired: 10/10/2017 12:48:05 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v206) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MC0AE3 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1122777	-.024769	.7284096	-.000441	.0056636	106.6957	.9432871
Stddev	.0032426	.002148	.0286149	.008227	.0020739	.1697	.0039767
%RSD	2.888015	8.673824	3.928412	1864.597	36.61788	.1590148	.4215747

#1	.1149849	-.026770	.7358090	-.008018	.0045975	106.8815	.9471714
#2	.1086841	-.022498	.6968217	-.001615	.0043397	106.6565	.9434659
#3	.1131642	-.025038	.7525980	.008310	.0080538	106.5490	.9392241

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0091682	.0119773	10.91956	.4876746	.0967901	.3343256	159.2136
Stddev	.0002090	.0008392	.04274	.0011869	.0034678	.0021122	.3015
%RSD	2.280031	7.006805	.3913898	.2433847	3.582818	.6317877	.1893663

#1	.0092111	.0120245	10.87516	.4872148	.0975388	.3361646	159.0447
#2	.0093525	.0111155	10.92312	.4890226	.0930091	.3347936	159.0344
#3	.0089411	.0127920	10.96041	.4867863	.0998225	.3320187	159.5617

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.773980	28.09487	.1820173	.0056016	1.665545	.3028812	1.313595
Stddev	.001295	.10131	.0078479	.0001188	.027415	.0015899	.011042
%RSD	.0730137	.3606082	4.311599	2.121349	1.646032	.5249116	.8405667

#1	1.772992	28.20767	.1845314	.0055561	1.690444	.3010566	1.323932
#2	1.775446	28.01163	.1732205	.0055123	1.636165	.3036181	1.301963
#3	1.773502	28.06530	.1883001	.0057365	1.670028	.3039689	1.314890

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	7.603556	59.57736	-.466106	.0046504	12.73207	3.766692	.0556308
Stddev	.006842	2.33871	.002775	.0004791	.52968	.002850	.0016335
%RSD	.0899777	3.925502	.5952884	10.30256	4.160168	.0756650	2.936261

#1	7.598116	60.44559	-.465979	.0041035	12.90163	3.763922	.0547429
#2	7.611237	56.92870	-.468942	.0048520	12.13837	3.769616	.0546336
#3	7.601315	61.35778	-.463397	.0049958	13.15620	3.766539	.0575159

Sample Name: I5524-14 Acquired: 10/10/2017 12:48:05 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v206) Mode: CONC Corr. Factor: 1.000000
 User: JASWAL Custom ID1: MC0AE3 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	3.384649	.1166434	.0901717
Stddev	.010099	.0008636	.0001908
%RSD	.2983872	.7404048	.2116182

#1	3.395645	.1176278	.0901526
#2	3.382514	.1162897	.0903713
#3	3.375787	.1160128	.0899911

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	800.2425	1385.341	39060.13	8388.733	2322.118
Stddev	5.6180	34.502	105.39	30.227	76.364
%RSD	.7020384	2.490497	.2698083	.3603231	3.288571

#1	793.8537	1370.980	38946.06	8366.618	2290.398
#2	804.4112	1424.703	39153.88	8376.406	2409.230
#3	802.4626	1360.339	39080.43	8423.175	2266.725

Sample Name: I5524-15 Acquired: 10/10/2017 12:52:08 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v206) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MC0AB2 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0839125	-.030484	.3676145	-.003158	.0070371	89.24737	.5450924
Stddev	.0056115	.004229	.0018138	.005808	.0006444	.06613	.0012908
%RSD	6.687276	13.87347	.4934032	183.8820	9.157408	.0740977	.2368034

#1	.0858415	-.034975	.3668611	-.002069	.0070178	89.25887	.5456235
#2	.0883050	-.026577	.3696836	-.009434	.0064025	89.17625	.5436208
#3	.0775910	-.029900	.3662988	.002027	.0076909	89.30700	.5460329

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0068842	.0091241	17.54608	.2003692	.0620635	.2551687	185.9429
Stddev	.0001046	.0001141	.11237	.0010002	.0000569	.0014962	.7545
%RSD	1.519505	1.250362	.6404558	.4991844	.0917383	.5863587	.4057869

#1	.0068967	.0090428	17.56478	.2013201	.0620537	.2537818	185.7150
#2	.0069819	.0090751	17.64793	.1993260	.0621247	.2549701	186.7851
#3	.0067738	.0092546	17.42552	.2004614	.0620122	.2567543	185.3286

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.916395	23.07948	.1305301	.0051631	1.127796	.3401452	.8389908
Stddev	.015420	.09449	.0010438	.0003008	.011726	.0028123	.0036414
%RSD	.8046345	.4093973	.7996703	5.826667	1.039706	.8267892	.4340243

#1	1.905307	23.06262	.1312195	.0052767	1.141142	.3427673	.8349683
#2	1.934004	23.18126	.1310417	.0053906	1.119146	.3404931	.8399417
#3	1.909875	22.99456	.1293292	.0048220	1.123100	.3371751	.8420625

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.187456	74.12406	-.540548	.0041376	2.364959	3.459995	.0128122
Stddev	.025505	.18319	.001403	.0006528	.009093	.005811	.0012639
%RSD	.4916714	.2471403	.2595442	15.77672	.3844703	.1679383	9.865124

#1	5.178652	74.24568	-.541000	.0033952	2.362111	3.466113	.0134857
#2	5.216198	73.91337	-.541670	.0046218	2.357630	3.459322	.0113541
#3	5.167520	74.21313	-.538975	.0043958	2.375134	3.454550	.0135968

Sample Name: I5524-15 Acquired: 10/10/2017 12:52:08 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v206) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MC0AB2 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	2.820210	.0851073	.0916268
Stddev	.002205	.0002025	.0000852
%RSD	.0782029	.2379937	.0929469

#1	2.821302	.0853236	.0917171
#2	2.821657	.0850763	.0915480
#3	2.817672	.0849221	.0916152

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	748.5323	1286.114	36798.84	7918.447	2317.153
Stddev	8.4995	5.409	181.68	15.767	7.357
%RSD	1.135485	.4205955	.4937071	.1991193	.3175048

#1	758.3367	1280.212	37000.65	7912.821	2308.953
#2	743.2471	1290.836	36648.33	7906.265	2323.176
#3	744.0131	1287.294	36747.53	7936.256	2319.330

Sample Name: I5524-16 Acquired: 10/10/2017 12:56:12 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v206) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MC0AB3 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0523481	-.026232	.5619315	.0034049	.0075259	66.97331	.4119319
Stddev	.0007946	.003400	.0060503	.0033605	.0021056	.49223	.0024540
%RSD	1.517942	12.95926	1.076692	98.69502	27.97806	.7349583	.5957247

#1	.0527193	-.029458	.5604241	.0071515	.0053054	66.85245	.4125209
#2	.0528892	-.026557	.5567775	.0006570	.0077784	67.51471	.4140377
#3	.0514358	-.022682	.5685930	.0024062	.0094938	66.55277	.4092370

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0051932	.0068718	9.871018	.1446923	.0586632	.1750485	149.5606
Stddev	.0001935	.0002131	.086869	.0007978	.0002156	.0016570	.7198
%RSD	3.725459	3.101106	.8800423	.5513857	.3675388	.9466080	.4812738

#1	.0054157	.0071151	9.908679	.1439785	.0588819	.1748996	149.5970
#2	.0050640	.0067815	9.932702	.1445448	.0584508	.1767749	150.2615
#3	.0051001	.0067186	9.771674	.1455536	.0586568	.1734709	148.8233

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.362994	16.23100	.1015258	.0046634	.7367906	.2862804	.7609830
Stddev	.003422	.07797	.0007359	.0001131	.1061010	.0029080	.0008323
%RSD	.1447980	.4803847	.7248933	2.424135	14.40042	1.015790	.1093771

#1	2.364558	16.28786	.1011678	.0047788	.7880835	.2886892	.7600614
#2	2.365354	16.26303	.1023723	.0045529	.6147896	.2871019	.7612075
#3	2.359070	16.14212	.1010374	.0046584	.8074986	.2830499	.7616801

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	3.861027	68.22343	-.438908	.0056768	2.343677	6.247383	.0171624
Stddev	.029774	.84651	.001268	.0005466	.013898	.032534	.0019785
%RSD	.7711340	1.240791	.2889467	9.628006	.5929960	.5207596	11.52783

#1	3.841634	67.92054	-.437610	.0061253	2.343221	6.283717	.0162999
#2	3.895308	67.57003	-.438971	.0050681	2.330012	6.237483	.0194256
#3	3.846138	69.17972	-.440144	.0058371	2.357797	6.220949	.0157615

Sample Name: I5524-16 Acquired: 10/10/2017 12:56:12 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v206) Mode: CONC Corr. Factor: 1.000000
 User: JASWAL Custom ID1: MC0AB3 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	1.796849	.0667145	.0627536
Stddev	.008693	.0007903	.0002736
%RSD	.4837694	1.184583	.4359394

#1	1.797088	.0666791	.0625439
#2	1.805420	.0675218	.0630631
#3	1.788040	.0659425	.0626539

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	725.6234	1251.990	35906.94	7748.483	2397.485
Stddev	3.3274	.099	164.36	20.401	7.360
%RSD	.4585584	.0078776	.4577441	.2632849	.3069982

#1	725.1191	1251.880	36004.82	7749.298	2396.624
#2	722.5769	1252.022	35717.18	7727.687	2405.238
#3	729.1742	1252.069	35998.82	7768.463	2390.594

Sample Name: I5524-17 Acquired: 10/10/2017 13:00:14 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v206) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MC0AB4 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0646181	-.028290	.5519619	.0031364	.0090983	79.89526	.4765253
Stddev	.0034944	.002196	.0082721	.0046509	.0036314	.16170	.0007739
%RSD	5.407835	7.760896	1.498674	148.2855	39.91334	.2023869	.1623962

#1	.0629271	-.025755	.5489735	.0072826	.0095695	80.06403	.4761177
#2	.0622908	-.029521	.5455994	-.001893	.0124712	79.74171	.4774177
#3	.0686364	-.029595	.5613130	.004019	.0052543	79.88005	.4760404

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0058373	.0092544	30.85483	.1544848	.0676037	.1865181	163.9019
Stddev	.0000678	.0000969	.07452	.0014053	.0011039	.0007835	.2502
%RSD	1.161219	1.047506	.2415332	.9096818	1.632830	.4200815	.1526736

#1	.0057659	.0093266	30.78805	.1546935	.0677631	.1862876	163.7023
#2	.0058454	.0091442	30.93522	.1529868	.0664288	.1873910	164.1827
#3	.0059007	.0092925	30.84120	.1557741	.0686192	.1858757	163.8209

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	3.922661	23.41998	.1362984	.0048139	.8332863	.3325872	1.286984
Stddev	.019330	.09629	.0019283	.0003029	.1010611	.0049009	.003561
%RSD	.4927828	.4111465	1.414732	6.291850	12.12802	1.473574	.2767160

#1	3.900444	23.47353	.1361555	.0051563	.8712168	.3284620	1.283433
#2	3.935633	23.47758	.1344456	.0047043	.9098945	.3380048	1.286966
#3	3.931905	23.30881	.1382941	.0045810	.7187474	.3312947	1.290555

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	6.003347	72.17351	-.471746	.0045841	2.827764	13.05321	.0170292
Stddev	.014481	.98203	.002455	.0000411	.039101	.11979	.0032868
%RSD	.2412152	1.360646	.5204427	.8965808	1.382749	.9177061	19.30105

#1	6.017425	72.06496	-.471770	.0045737	2.797151	13.06318	.0161907
#2	6.004123	71.25026	-.469279	.0046294	2.814331	12.92874	.0206541
#3	5.988494	73.20529	-.474190	.0045492	2.871811	13.16770	.0142429

Sample Name: I5524-17 Acquired: 10/10/2017 13:00:14 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v206) Mode: CONC Corr. Factor: 1.000000
 User: JASWAL Custom ID1: MC0AB4 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	2.462260	.0828760	.1198920
Stddev	.007283	.0003775	.0003722
%RSD	.2957997	.4554685	.3104085

#1	2.454178	.0831473	.1199086
#2	2.464290	.0824449	.1202556
#3	2.468314	.0830358	.1195118

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	704.7865	1209.904	35060.66	7589.467	2262.531
Stddev	7.8390	10.091	158.79	19.240	24.966
%RSD	1.112246	.8340073	.4529035	.2535049	1.103470

#1	696.3904	1208.078	34884.10	7567.925	2264.185
#2	706.0556	1220.783	35191.79	7604.939	2286.629
#3	711.9134	1200.851	35106.08	7595.538	2236.779

Sample Name: CCV037 Acquired: 10/10/2017 13:04:16 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v206) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: CCV037 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.762044	4.851916	23.74490	4.745014	4.740842	389.4346
Stddev	.021792	.025661	.03861	.019113	.015191	.9039
%RSD	.4576228	.5288821	.1626153	.4027943	.3204365	.2321071

#1	4.770274	4.838359	23.78899	4.733533	4.726016	389.2265
#2	4.778523	4.835877	23.71712	4.734431	4.740134	388.6528
#3	4.737336	4.881512	23.72858	4.767077	4.756374	390.4244

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	9.614943	.5073421	2.436439	382.1440	14.79229	2.377702
Stddev	.101264	.0010253	.004257	.8406	.03377	.003960
%RSD	1.053197	.2020965	.1747277	.2199691	.2283135	.1665536

#1	9.716703	.5075626	2.440329	383.0972	14.79688	2.381331
#2	9.514182	.5062245	2.431891	381.5087	14.75645	2.373478
#3	9.613942	.5082392	2.437097	381.8262	14.82353	2.378297

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	14.80539	395.3912	14.79426	399.4663	2.357473	1.277772
Stddev	.03351	.6321	.03267	.7377	.006663	.000422
%RSD	.2263635	.1598575	.2207994	.1846629	.2826355	.0330064

#1	14.83481	395.6971	14.82788	399.6616	2.359377	1.277576
#2	14.76891	394.6644	14.76265	398.6506	2.350065	1.278256
#3	14.81244	395.8121	14.79224	400.0866	2.362976	1.277484

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	385.3076	2.450641	14.44663	148.0380	F -1.35358	F 4.096959
Stddev	1.4198	.004448	.14008	.2621	.05184	.014838
%RSD	.3684736	.1815108	.9696138	.1770635	3.829629	.3621747

#1	385.7447	2.447544	14.39883	148.2892	-1.29385	4.097725
#2	383.7207	2.455738	14.60435	147.7662	-1.38006	4.081753
#3	386.4574	2.448641	14.33671	148.0586	-1.38682	4.111400

Sample Name: CCV037 Acquired: 10/10/2017 13:04:16 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v206) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: CCV037 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.767824	4.855347	4.941806	4.759145	4.870806	4.613074
Stddev	.011148	.021661	.018291	.011847	.010023	.015945
%RSD	.2338128	.4461208	.3701224	.2489297	.2057798	.3456576

#1	4.770672	4.856227	4.961454	4.768512	4.881555	4.615420
#2	4.755528	4.833259	4.925273	4.745827	4.861715	4.596085
#3	4.777271	4.876553	4.938692	4.763095	4.869149	4.627716

Elem	Sr4077
Units	ppm
Avg	4.592642
Stddev	.005537
%RSD	.1205700

#1	4.588333
#2	4.590705
#3	4.598887

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	582.9389	1018.458	29012.12	6718.634	1744.305
Stddev	4.4991	2.182	81.16	22.282	2.408
%RSD	.7717996	.2142798	.2797430	.3316494	.1380507

#1	583.0203	1020.007	28954.75	6692.981	1743.982
#2	578.3997	1019.406	28976.62	6733.174	1746.859
#3	587.3968	1015.962	29104.98	6729.747	1742.075

Sample Name: CCB037 Acquired: 10/10/2017 13:08:21 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v206) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: CCB037 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.004556	-.001898	-.002576	.0001165	-.000326	.0053407	-.003096
Stddev	.005492	.000501	.000293	.0038839	.000931	.0012678	.000357
%RSD	120.5461	26.39461	11.38548	3335.288	285.3526	23.73906	11.53194

#1	-.009875	-.002441	-.002914	-.003705	-.000918	.0042068	-.003509
#2	.001095	-.001800	-.002392	-.000006	.000747	.0051057	-.002900
#3	-.004888	-.001453	-.002422	.004060	-.000807	.0067096	-.002880

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000069	.0000086	.0046144	-.000880	.0000093	.0007123	.0033075
Stddev	.000183	.0000961	.0045534	.000236	.0001540	.0008243	.0061448
%RSD	264.4113	1111.951	98.67641	26.83938	1660.524	115.7278	185.7809

#1	.000126	-.000076	.0038676	-.001066	.0000227	.0014995	.0103538
#2	-.000095	.000113	.0094950	-.000960	-.000151	.0007821	-.000937
#3	-.000238	-.000010	.0004806	-.000615	.000156	-.000145	.000506

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000037	-.004480	-.000208	.0002729	-.063447	-.001680	-.000052
Stddev	.000637	.021889	.000209	.0003487	.013661	.001517	.004414
%RSD	1726.054	488.5844	100.5219	127.7614	21.53135	90.34159	8437.950

#1	.000485	-.020636	-.000162	.0004886	-.063187	-.002337	.004638
#2	-.000747	-.013237	-.000026	-.000129	-.077236	-.002757	-.000670
#3	.000151	.020432	-.000437	.000459	-.049917	.000056	-.004124

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.034651	.0017211	.0053914	-.000111	-.000424	-.001502	-.001290
Stddev	.005938	.0590523	.0019345	.000220	.005598	.000486	.000720
%RSD	17.13721	3431.097	35.88188	197.8692	1321.236	32.38116	55.80236

#1	-.041345	.0539975	.0074635	-.000213	-.001585	-.001255	-.001558
#2	-.032592	.0134980	.0050781	-.000261	-.005350	-.001188	-.000475
#3	-.030017	-.062332	.0036326	.000141	.005664	-.002062	-.001838

Sample Name: CCB037 Acquired: 10/10/2017 13:08:21 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v206) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: CCB037 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.0007584	.0003872	-.000052
Stddev	.0007003	.0000929	.000019
%RSD	92.33845	23.98866	36.47712

#1	.0011107	.0004909	-.000060
#2	.0012126	.0003118	-.000066
#3	-.000048	.0003588	-.000030

Int. Std.	Y_ 2243	Y_ 2243	Y_ 3600	Y_ 3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	746.5159	1287.016	35458.10	7373.467	2739.013
Stddev	3.7384	11.838	110.26	28.228	17.900
%RSD	.5007742	.9198144	.3109694	.3828261	.6535128

#1	745.4742	1274.177	35337.88	7357.324	2721.696
#2	750.6647	1297.499	35481.91	7357.016	2757.444
#3	743.4089	1289.371	35554.51	7406.061	2737.900

Sample Name: I5524-18 Acquired: 10/10/2017 13:12:31 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v206) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MC0AB5 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0583375	-.025370	.2968654	-.005693	.0067839	100.8135	.4509393
Stddev	.0017706	.001068	.0026659	.002823	.0019172	.1780	.0015017
%RSD	3.035177	4.209359	.8980301	49.58565	28.26011	.1765463	.3330091

#1	.0575922	-.024256	.2996833	-.008187	.0089901	100.6084	.4518410
#2	.0570614	-.026385	.2943832	-.002628	.0058391	100.9277	.4517710
#3	.0603590	-.025468	.2965298	-.006264	.0055226	100.9044	.4492058

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0066304	.0080165	16.27005	.1797105	.0615593	.2014132	174.4841
Stddev	.0000445	.0001644	.09275	.0012120	.0007948	.0005565	.8482
%RSD	.6712697	2.051186	.5700776	.6743900	1.291059	.2762823	.4861204

#1	.0066305	.0081429	16.16531	.1809011	.0620296	.2009815	173.7748
#2	.0066748	.0080760	16.30308	.1797520	.0606417	.2020412	174.2538
#3	.0065857	.0078306	16.34177	.1784783	.0620067	.2012168	175.4237

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	3.528773	23.16256	.1309855	.0049804	.9646359	.3355303	1.047490
Stddev	.025088	.05198	.0008050	.0002743	.0415576	.0039283	.002146
%RSD	.7109605	.2244138	.6145368	5.508464	4.308115	1.170776	.2049177

#1	3.516059	23.10577	.1314194	.0047130	.9167020	.3329554	1.048782
#2	3.512586	23.20777	.1300567	.0052612	.9866546	.3335838	1.045012
#3	3.557673	23.17413	.1314804	.0049670	.9905510	.3400518	1.048676

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	6.813687	75.69460	-.502827	.0023175	2.362777	12.68383	.0111059
Stddev	.057081	.67441	.001961	.0003397	.005673	.03594	.0026659
%RSD	.8377408	.8909566	.3900135	14.65988	.2401060	.2833200	24.00481

#1	6.872822	75.11824	-.504361	.0019254	2.356405	12.72365	.0141161
#2	6.809328	75.52926	-.500617	.0025015	2.367280	12.65382	.0101585
#3	6.758910	76.43630	-.503503	.0025255	2.364646	12.67401	.0090431

Sample Name: I5524-18 Acquired: 10/10/2017 13:12:31 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v206) Mode: CONC Corr. Factor: 1.000000
 User: JASWAL Custom ID1: MC0AB5 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	3.658995	.0868226	.0962625
Stddev	.009451	.0005806	.0001169
%RSD	.2582969	.6687233	.1214065

#1	3.658894	.0864859	.0961969
#2	3.649596	.0874930	.0961932
#3	3.668497	.0864888	.0963974

Int. Std.	Y_ 2243	Y_ 2243	Y_ 3600	Y_ 3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	717.3085	1223.978	35505.25	7747.029	2294.086
Stddev	4.2619	2.508	123.32	9.847	3.753
%RSD	.5941462	.2049164	.3473231	.1271066	.1635903

#1	719.9923	1221.208	35643.35	7735.827	2292.453
#2	712.3943	1226.095	35406.14	7754.319	2298.379
#3	719.5388	1224.630	35466.25	7750.941	2291.427

Sample Name: I5524-19 Acquired: 10/10/2017 13:16:34 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v206) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MC0AB6 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0545006	-.046243	3.865706	-.010418	.0115400	145.8522	2.690634
Stddev	.0069014	.006109	.040435	.005519	.0014668	1.2285	.021749
%RSD	12.66297	13.21161	1.045993	52.98010	12.71088	.8422654	.8083219

#1	.0621548	-.041748	3.888129	-.016457	.0121001	146.3959	2.694033
#2	.0487529	-.053199	3.819027	-.009160	.0098757	146.7150	2.710483
#3	.0525941	-.043781	3.889961	-.005636	.0126443	144.4457	2.667385

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0102079	.0239230	45.03337	.3299129	.1203158	.6137471	333.1548
Stddev	.0001564	.0001429	.09733	.0089684	.0012874	.0066073	1.4279
%RSD	1.532535	.5972689	.2161344	2.718417	1.070031	1.076558	.4285962

#1	.0101337	.0239234	45.08576	.3203962	.1210262	.6154575	334.7493
#2	.0103876	.0237800	45.09329	.3311347	.1188297	.6193310	332.7211
#3	.0101024	.0240657	44.92107	.3382077	.1210915	.6064527	331.9941

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	3.567678	49.44218	.2167630	.0111148	2.056081	.5598799	2.175984
Stddev	.016721	.21495	.0023532	.0003493	.040976	.0067358	.039963
%RSD	.4686761	.4347575	1.085598	3.142187	1.992918	1.203078	1.836570

#1	3.585220	49.60983	.2188252	.0115177	2.033418	.5623358	2.134110
#2	3.551921	49.51686	.2141996	.0108985	2.103382	.5650432	2.213713
#3	3.565894	49.19984	.2172643	.0109283	2.031443	.5522608	2.180128

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	38.91277	170.2876	-.993465	.0107678	3.028545	11.34728	.2862410
Stddev	.41664	1.6229	.001764	.0005073	.017359	.02115	.0047000
%RSD	1.070691	.9530071	.1775711	4.710935	.5731755	.1864271	1.641959

#1	39.08548	171.6939	-.991874	.0107851	3.044010	11.32711	.2852451
#2	39.21528	168.5119	-.995362	.0102521	3.009769	11.34542	.2821189
#3	38.43755	170.6571	-.993160	.0112662	3.031855	11.36929	.2913592

Sample Name: I5524-19 Acquired: 10/10/2017 13:16:34 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v206) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MC0AB6 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	8.944905	.1249191	.4692048
Stddev	.054352	.0021891	.0035109
%RSD	.6076301	1.752401	.7482624

#1	8.975392	.1254759	.4707325
#2	8.977170	.1267761	.4716930
#3	8.882153	.1225054	.4651889

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	701.1912	1203.975	35295.75	7772.059	2098.590
Stddev	9.5889	6.196	531.96	41.495	15.717
%RSD	1.367517	.5145900	1.507158	.5338979	.7489126

#1	712.2627	1196.911	35905.49	7732.566	2083.283
#2	695.7751	1208.487	34926.44	7768.310	2114.687
#3	695.5359	1206.527	35055.33	7815.302	2097.800

Sample Name: I5524-20 Acquired: 10/10/2017 13:20:35 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v206) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MC0AB7 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0490436	-.026163	.6503280	.0007021	.0078734	71.16109	.5502169
Stddev	.0026765	.007874	.0044921	.0069011	.0009047	.12760	.0015639
%RSD	5.457376	30.09704	.6907362	982.8729	11.49050	.1793179	.2842402

#1	.0507684	-.031495	.6467059	.0033256	.0069438	71.07004	.5509755
#2	.0459603	-.029874	.6489237	-.007126	.0087509	71.30694	.5484183
#3	.0504021	-.017119	.6553545	.005907	.0079255	71.10628	.5512569

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0051988	.0141282	29.36336	.1696204	.0538397	.3302821	158.2253
Stddev	.0001678	.0001790	.15973	.0007010	.0003965	.0014768	.7296
%RSD	3.228145	1.266890	.5439622	.4132934	.7365066	.4471206	.4611052

#1	.0052287	.0141027	29.17934	.1695745	.0534135	.3310504	157.5453
#2	.0053497	.0139633	29.46616	.1703433	.0539077	.3285796	158.9960
#3	.0050180	.0143186	29.44457	.1689435	.0541978	.3312163	158.1347

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.015591	17.84557	.1321992	.0087011	.7996543	.2832928	2.289820
Stddev	.017232	.11412	.0005487	.0001804	.0443823	.0031313	.029272
%RSD	.3435748	.6394817	.4150275	2.073531	5.550187	1.105331	1.278371

#1	4.996588	17.77420	.1317476	.0087934	.8073238	.2796837	2.269191
#2	5.030203	17.97719	.1328098	.0088166	.7519370	.2852865	2.276947
#3	5.019983	17.78533	.1320402	.0084932	.8397020	.2849082	2.323323

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	6.396921	128.8015	-.449068	.0057639	2.303766	13.43705	.0186722
Stddev	.024873	.3688	.000716	.0003438	.012035	.02051	.0023018
%RSD	.3888280	.2863404	.1593619	5.963953	.5224273	.1526341	12.32726

#1	6.391127	129.1342	-.449877	.0057219	2.310551	13.44080	.0183662
#2	6.375457	128.4049	-.448517	.0054431	2.289870	13.45542	.0165387
#3	6.424180	128.8653	-.448810	.0061268	2.310876	13.41492	.0211117

Sample Name: I5524-20 Acquired: 10/10/2017 13:20:35 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v206) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MC0AB7 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	2.474863	.0654911	.1373067
Stddev	.006355	.0003748	.0000610
%RSD	.2567970	.5722653	.0444077

#1	2.467825	.0659141	.1373520
#2	2.476582	.0653591	.1372374
#3	2.480182	.0652003	.1373308

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	706.9688	1217.475	35176.40	7685.277	2318.818
Stddev	6.1022	8.110	52.67	19.003	3.184
%RSD	.8631442	.6661666	.1497381	.2472627	.1373018

#1	707.9328	1208.698	35181.02	7685.958	2315.202
#2	712.5316	1219.036	35226.61	7665.942	2320.052
#3	700.4420	1224.691	35121.57	7703.930	2321.200

Sample Name: I5524-21 Acquired: 10/10/2017 13:24:37 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v206) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MC0AB8 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0514940	-.044708	.5899164	-.012911	.0113166	180.1430	.9857809
Stddev	.0067081	.004332	.0073505	.004523	.0006071	.1215	.0017468
%RSD	13.02693	9.689007	1.246017	35.03652	5.364489	.0674586	.1772004

#1	.0591572	-.042996	.5864595	-.008821	.0110741	180.2804	.9877607
#2	.0486401	-.049634	.5849317	-.017769	.0108683	180.0990	.9844569
#3	.0466849	-.041494	.5983580	-.012141	.0120075	180.0497	.9851252

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0111708	.0181354	13.78374	.3182779	.1746670	.3550719	376.4626
Stddev	.0001688	.0001086	.17493	.0004377	.0009812	.0009076	1.3918
%RSD	1.511236	.5987750	1.269074	.1375212	.5617373	.2556236	.3697040

#1	.0110552	.0180971	13.58270	.3177965	.1747179	.3553692	375.6353
#2	.0113646	.0182579	13.86734	.3183852	.1736614	.3557937	378.0694
#3	.0110928	.0180510	13.90118	.3186520	.1756217	.3540529	375.6830

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.173558	32.92748	.1894120	.0095188	1.685053	.8366974	.7163663
Stddev	.017892	.09644	.0008594	.0002952	.014140	.0028144	.0175406
%RSD	.3458315	.2928801	.4537169	3.100793	.8391562	.3363663	2.448547

#1	5.156460	32.87484	.1886173	.0092590	1.697565	.8362569	.7157919
#2	5.192150	32.86881	.1903240	.0094576	1.669712	.8397060	.7341870
#3	5.172064	33.03878	.1892946	.0098397	1.687882	.8341291	.6991200

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	33.02512	101.8460	-1.14004	.0002213	2.230350	16.46356	.0973471
Stddev	.10516	.5444	.00354	.0005565	.015870	.07683	.0042165
%RSD	.3184364	.5345133	.3104261	251.4322	.7115338	.4666831	4.331446

#1	32.91409	101.3539	-1.13603	.0007339	2.213345	16.37791	.0946450
#2	33.12322	102.4307	-1.14135	-.000371	2.244766	16.48633	.0951906
#3	33.03806	101.7532	-1.14273	.000301	2.232940	16.52643	.1022058

Sample Name: I5524-21 Acquired: 10/10/2017 13:24:37 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v206) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MC0AB8 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	11.02766	.0774026	.1178255
Stddev	.01505	.0001727	.0000734
%RSD	.1364935	.2231771	.0623156

#1	11.01938	.0772323	.1177411
#2	11.04503	.0775777	.1178606
#3	11.01856	.0773977	.1178747

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	739.6658	1271.388	36424.11	7985.080	2134.327
Stddev	13.2791	1.292	292.04	12.749	6.506
%RSD	1.795282	.1015991	.8017693	.1596660	.3048471

#1	727.8152	1271.283	36186.42	7999.581	2135.038
#2	737.1644	1272.729	36335.80	7975.628	2140.449
#3	754.0177	1270.152	36750.11	7980.032	2127.494

Sample Name: I5524-22 Acquired: 10/10/2017 13:30:01 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v206) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MC0AB9 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0437126	-.035367	.2573928	-.002862	.0064201	103.3125	.6447291
Stddev	.0090680	.004645	.0051390	.000847	.0023661	.0713	.0024094
%RSD	20.74461	13.13436	1.996574	29.60858	36.85468	.0689665	.3736992

#1	.0540056	-.032124	.2604751	-.003785	.0040794	103.3403	.6457776
#2	.0369020	-.033287	.2514603	-.002120	.0063701	103.3657	.6464364
#3	.0402301	-.040688	.2602430	-.002681	.0088108	103.2315	.6419731

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0088594	.0093715	11.09568	.2240902	.0847947	.1862990	194.0847
Stddev	.0001595	.0000803	.09112	.0006887	.0004025	.0010302	.8943
%RSD	1.800473	.8566335	.8212443	.3073151	.4746140	.5529655	.4607850

#1	.0089348	.0093160	10.99125	.2241500	.0844827	.1853603	193.0856
#2	.0086762	.0094635	11.15903	.2233737	.0846523	.1861357	194.3581
#3	.0089673	.0093349	11.13676	.2247471	.0852490	.1874011	194.8105

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.260585	27.13220	.1521082	.0048528	1.048742	.3623282	.5299278
Stddev	.012930	.07442	.0007419	.0001814	.005894	.0046761	.0032933
%RSD	.5719739	.2742965	.4877282	3.739190	.5620488	1.290570	.6214702

#1	2.246697	27.09275	.1526301	.0048892	1.051252	.3584520	.5323780
#2	2.262785	27.08581	.1512590	.0046558	1.042008	.3610111	.5312213
#3	2.272275	27.21805	.1524355	.0050132	1.052965	.3675216	.5261841

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	12.94348	60.53884	-.568606	.0008014	.5666543	4.302552	.0174602
Stddev	.06467	.28002	.002626	.0001836	.0098239	.007286	.0014657
%RSD	.4996181	.4625512	.4619179	22.90769	1.733676	.1693477	8.394226

#1	13.01282	60.70020	-.571014	.0009996	.5554184	4.309553	.0163264
#2	12.93281	60.70082	-.568999	.0006373	.5736239	4.295010	.0191153
#3	12.88482	60.21550	-.565806	.0007674	.5709205	4.303094	.0169391

Sample Name: I5524-22 Acquired: 10/10/2017 13:30:01 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v206) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MC0AB9 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	4.226657	.0953988	.0734872
Stddev	.012048	.0007369	.0001693
%RSD	.2850461	.7724599	.2304312

#1	4.212794	.0962406	.0734984
#2	4.234595	.0950855	.0736506
#3	4.232582	.0948704	.0733125

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	812.9166	1400.584	39444.84	8618.052	2295.761
Stddev	7.7745	4.848	75.18	29.808	8.334
%RSD	.9563654	.3461201	.1906029	.3458783	.3630303

#1	812.3401	1406.163	39400.63	8592.448	2304.586
#2	805.4464	1397.402	39402.23	8610.933	2294.672
#3	820.9632	1398.187	39531.64	8650.775	2288.025

Sample Name: I5529-01 Acquired: 10/10/2017 13:42:26 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v206) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MJJ488 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0105950	-.012245	.0529627	-.000485	.0024443	17.83534	.2879167
Stddev	.0040384	.004552	.0007204	.002937	.0004199	.12148	.0013740
%RSD	38.11613	37.17180	1.360264	605.7375	17.17892	.6811452	.4772100

#1	.0148682	-.014237	.0536294	-.000139	.0028249	17.88510	.2890340
#2	.0100749	-.007037	.0521985	-.003580	.0025142	17.92404	.2883336
#3	.0068418	-.015462	.0530602	.002264	.0019939	17.69688	.2863826

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0009224	.0020165	79.91271	.0302646	.0095985	.0822615	56.19941
Stddev	.0000585	.0000871	.58220	.0007063	.0001553	.0011979	.51891
%RSD	6.342605	4.319583	.7285437	2.333625	1.618416	1.456236	.9233312

#1	.0009206	.0019755	80.44376	.0309451	.0096215	.0828621	56.26406
#2	.0009818	.0019575	80.00417	.0295352	.0097410	.0830403	56.68297
#3	.0008649	.0021166	79.29019	.0303136	.0094329	.0808821	55.65122

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	6.069508	37.41092	.0188969	.0019284	38.07483	.0687675	.2323037
Stddev	.062363	.31861	.0007022	.0001935	.42395	.0039491	.0086295
%RSD	1.027476	.8516611	3.716113	10.03517	1.113467	5.742700	3.714770

#1	6.093520	37.39314	.0195985	.0021429	38.25758	.0703630	.2264367
#2	6.116295	37.73805	.0188980	.0017668	38.37676	.0642702	.2282620
#3	5.998708	37.10156	.0181941	.0018757	37.59016	.0716692	.2422123

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	29.68482	39.58520	.0450293	.0028537	.7831625	37.04860	-.001817
Stddev	.21830	.06458	.0011686	.0000684	.0102653	.28084	.002135
%RSD	.7353943	.1631536	2.595166	2.395427	1.310749	.7580356	117.5271

#1	29.69745	39.62628	.0448936	.0028182	.7751148	37.06629	.000244
#2	29.89653	39.51075	.0462598	.0028105	.7947230	37.32018	-.004019
#3	29.46048	39.61856	.0439345	.0029325	.7796496	36.75934	-.001675

Sample Name: I5529-01 Acquired: 10/10/2017 13:42:26 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v206) Mode: CONC Corr. Factor: 1.000000
 User: JASWAL Custom ID1: MJJ488 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	1.638163	.0115518	.5259025
Stddev	.015605	.0001255	.0030666
%RSD	.9525772	1.086803	.5831168

#1	1.647280	.0114481	.5276017
#2	1.647065	.0116914	.5277434
#3	1.620145	.0115159	.5223624

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	677.7252	1154.950	32570.15	7263.008	2241.693
Stddev	1.9758	6.992	89.69	38.171	9.565
%RSD	.2915383	.6053702	.2753615	.5255596	.4266989

#1	679.8390	1161.168	32502.39	7253.822	2249.291
#2	675.9247	1156.302	32671.85	7230.268	2244.837
#3	677.4119	1147.382	32536.19	7304.935	2230.952

Sample Name: I5529-02 Acquired: 10/10/2017 13:46:29 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v206) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MJJ488D Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0136046	-.014287	.0540482	-.002839	.0024295	18.22961	.2922403
Stddev	.0026591	.001690	.0026803	.001402	.0010124	.07798	.0012342
%RSD	19.54582	11.83027	4.959053	49.38526	41.66972	.4277767	.4223250

#1	.0126577	-.014010	.0538296	-.003199	.0034030	18.23096	.2913698
#2	.0115485	-.016098	.0568311	-.004027	.0025032	18.30691	.2936528
#3	.0166075	-.012752	.0514839	-.001292	.0013823	18.15096	.2916985

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0009087	.0021577	80.58223	.0306510	.0094300	.0833134	57.01816
Stddev	.0000979	.0000539	.47219	.0005336	.0005597	.0013334	.24120
%RSD	10.77010	2.500414	.5859718	1.741057	5.935735	1.600415	.4230287

#1	.0008020	.0021452	81.12170	.0307179	.0089036	.0817759	57.20191
#2	.0009943	.0021111	80.38094	.0311481	.0093684	.0840117	57.10754
#3	.0009296	.0022168	80.24404	.0300871	.0100180	.0841525	56.74502

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	6.152403	38.07846	.0190119	.0017666	38.66924	.0708862	.2339307
Stddev	.037240	.09252	.0004256	.0005256	.10985	.0018160	.0040088
%RSD	.6052894	.2429678	2.238645	29.75354	.2840652	2.561876	1.713681

#1	6.179702	38.06314	.0194779	.0015739	38.64572	.0720698	.2295525
#2	6.167528	38.17768	.0186437	.0013645	38.78894	.0717934	.2348180
#3	6.109981	37.99456	.0189142	.0023614	38.57305	.0687953	.2374215

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	30.50832	39.82744	.0470374	.0029702	.7900000	37.62817	-.000485
Stddev	.22524	.07101	.0022024	.0002531	.0084660	.16442	.002415
%RSD	.7382937	.1783020	4.682344	8.520468	1.071650	.4369471	498.3731

#1	30.30695	39.90702	.0459251	.0026892	.7997716	37.70777	.001822
#2	30.75155	39.77055	.0495741	.0030409	.7848681	37.73763	-.002995
#3	30.46646	39.80474	.0456128	.0031803	.7853604	37.43910	-.000280

Sample Name: I5529-02 Acquired: 10/10/2017 13:46:29 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v206) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MJJ488D Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	1.663878	.0119151	.5362656
Stddev	.003949	.0000339	.0023742
%RSD	.2373375	.2843276	.4427259

#1	1.666074	.0119019	.5358870
#2	1.666240	.0119536	.5388064
#3	1.659319	.0118898	.5341035

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	663.0038	1127.966	31985.69	7117.678	2204.214
Stddev	1.7945	3.442	98.99	24.298	4.677
%RSD	.2706582	.3051541	.3094893	.3413812	.2122033

#1	661.0537	1131.592	31998.39	7116.998	2206.834
#2	664.5854	1127.562	32077.71	7093.727	2206.993
#3	663.3722	1124.743	31880.96	7142.309	2198.814

Sample Name: I5529-03 Acquired: 10/10/2017 13:50:32 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v206) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MJJ488S Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0669537	.0724679	.0766394	.0570372	.0918682	19.13427	2.493630
Stddev	.0049258	.0031941	.0016961	.0045030	.0008599	.02706	.009083
%RSD	7.356969	4.407581	2.213095	7.894886	.9360312	.1414258	.3642332

#1	.0711340	.0745487	.0757904	.0519385	.0928579	19.13928	2.499568
#2	.0615234	.0740646	.0785923	.0604697	.0914431	19.10505	2.483175
#3	.0682037	.0687903	.0755354	.0587034	.0913037	19.15847	2.498148

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0545500	.0633014	77.47590	.2508877	.5370534	.3387513	55.90631
Stddev	.0003572	.0000215	.33657	.0005737	.0005508	.0015509	.27458
%RSD	.6547804	.0339624	.4344212	.2286688	.1025679	.4578197	.4911402

#1	.0546235	.0633019	77.15651	.2514084	.5364275	.3403703	55.69357
#2	.0541618	.0633227	77.82736	.2502726	.5374642	.3372790	56.21627
#3	.0548647	.0632797	77.44385	.2509820	.5372685	.3386045	55.80908

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	6.492751	37.00780	.5596945	.0039861	37.85482	.6391721	.7530389
Stddev	.038024	.10054	.0023089	.0005801	.04502	.0050810	.0057298
%RSD	.5856347	.2716620	.4125292	14.55404	.1189301	.7949279	.7608875

#1	6.472858	37.04400	.5603879	.0039612	37.81146	.6333155	.7476572
#2	6.536594	37.08521	.5615772	.0034188	37.85168	.6417985	.7590627
#3	6.468800	36.89417	.5571183	.0045783	37.90134	.6424024	.7523970

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	29.80679	38.62332	.0421566	.0029056	.7514667	35.04253	-.001962
Stddev	.07321	.09260	.0010904	.0002565	.0031143	.06771	.002127
%RSD	.2456123	.2397460	2.586572	8.827360	.4144349	.1932288	108.4104

#1	29.88644	38.68881	.0409109	.0031963	.7509882	34.96435	-.000650
#2	29.74244	38.66377	.0429383	.0027111	.7486193	35.08224	-.000820
#3	29.79150	38.51738	.0426206	.0028094	.7547926	35.08101	-.004416

Sample Name: I5529-03 Acquired: 10/10/2017 13:50:32 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v206) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MJJ488S Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	1.569171	.0116307	.5210383
Stddev	.002802	.0002369	.0009325
%RSD	.1785759	2.036988	.1789767

#1	1.572278	.0114123	.5204751
#2	1.566837	.0118826	.5205252
#3	1.568397	.0115973	.5221147

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	658.4271	1129.501	32026.89	7138.209	2216.286
Stddev	2.8958	4.648	75.95	29.243	4.451
%RSD	.4398013	.4114744	.2371525	.4096644	.2008365

#1	661.5199	1124.501	32095.61	7170.649	2214.648
#2	655.7802	1130.313	31945.34	7130.108	2212.886
#3	657.9811	1133.689	32039.72	7113.872	2221.324

Sample Name: I5529-01LX5 Acquired: 10/10/2017 13:54:32 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v206) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MJJ488L Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0066413	-.004083	.0081576	-.000401	.0006917	3.398921	.0535806
Stddev	.0030876	.000283	.0007822	.000251	.0004941	.015751	.0001842
%RSD	46.49106	6.937432	9.587911	62.61411	71.43823	.4634234	.3437676

#1	.0032406	-.003767	.0085222	-.000581	.0002656	3.401351	.0537719
#2	.0092689	-.004313	.0072598	-.000509	.0012334	3.413316	.0535654
#3	.0074143	-.004170	.0086909	-.000114	.0005761	3.382096	.0534045

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0002051	.0002965	15.01878	.0059013	.0015628	.0167003	11.06515
Stddev	.0000650	.0001255	.07893	.0004761	.0002791	.0016324	.00658
%RSD	31.67966	42.34647	.5255155	8.067663	17.85802	9.774547	.0594631

#1	.0001549	.0002869	15.06740	.0054668	.0012581	.0166384	11.06629
#2	.0002785	.0001759	14.92771	.0058269	.0018059	.0183627	11.05808
#3	.0001820	.0004265	15.06123	.0064102	.0016244	.0150997	11.07109

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.208872	7.258423	.0027052	.0006724	7.365242	.0136052	.0451585
Stddev	.002003	.035945	.0002361	.0003122	.040357	.0008101	.0008084
%RSD	.1657286	.4952133	8.726337	46.43417	.5479437	5.954571	1.790200

#1	1.209477	7.264850	.0029751	.0005261	7.356289	.0144382	.0443288
#2	1.210503	7.219699	.0025372	.0004602	7.409324	.0128201	.0459438
#3	1.206635	7.290721	.0026033	.0010309	7.330113	.0135574	.0452031

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.762262	6.970511	.0044906	-.000110	.1367339	7.553121	-.002237
Stddev	.029408	.075505	.0007115	.000238	.0007316	.050628	.000769
%RSD	.5103557	1.083201	15.84353	216.3212	.5350244	.6702972	34.37960

#1	5.772076	7.048574	.0048567	-.000085	.1360032	7.611491	-.001489
#2	5.785508	6.897856	.0036706	-.000360	.1367321	7.521118	-.002198
#3	5.729202	6.965102	.0049445	.000115	.1374664	7.526755	-.003025

Sample Name: I5529-01LX5 Acquired: 10/10/2017 13:54:32 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v206) Mode: CONC Corr. Factor: 1.000000
 User: JASWAL Custom ID1: MJJ488L Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.3208907	.0020947	.1036162
Stddev	.0004066	.0001866	.0001486
%RSD	.1266967	8.908030	.1433985

#1	.3213505	.0019423	.1036132
#2	.3205790	.0020390	.1037663
#3	.3207424	.0023028	.1034691

Int. Std.	Y_ 2243	Y_ 2243	Y_ 3600	Y_ 3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	724.0232	1258.224	34653.66	7431.947	2600.583
Stddev	4.7383	10.252	133.79	42.845	20.991
%RSD	.6544403	.8147917	.3860702	.5764946	.8071520

#1	726.8177	1255.242	34673.64	7392.858	2588.188
#2	718.5523	1249.793	34511.01	7425.229	2588.742
#3	726.6996	1269.636	34776.34	7477.754	2624.819

Sample Name: I5529-04 Acquired: 10/10/2017 13:58:39 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v206) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MJJ489 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0080364	-.018569	-.000282	-.000796	-.000978	.1387799	.0703990
Stddev	.0047646	.003587	.002973	.001645	.002556	.0021435	.0005707
%RSD	59.28771	19.31589	1053.324	206.4817	261.2126	1.544526	.8107186

#1	.0046760	-.014974	.000198	-.002346	.000947	.1377994	.0706905
#2	.0059441	-.022148	.002421	.000929	-.000004	.1412383	.0707651
#3	.0134891	-.018584	-.003466	-.000973	-.003878	.1373021	.0697414

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000240	.0014408	38.87336	-.002281	.0134303	.0122174	52.07543
Stddev	.000129	.0000605	.29200	.001063	.0002187	.0013806	.19149
%RSD	53.87585	4.200774	.7511598	46.59871	1.628592	11.30050	.3677096

#1	-.000096	.0015102	39.19993	-.002314	.0133711	.0137902	52.28093
#2	-.000276	.0014139	38.78275	-.001202	.0136726	.0116562	52.04335
#3	-.000347	.0013985	38.63741	-.003327	.0132473	.0112057	51.90201

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	18.39470	31.36278	.0025088	.0023652	60.90517	-.003789	.0103819
Stddev	.09025	.08817	.0005702	.0002293	.25390	.001186	.0070030
%RSD	.4906383	.2811205	22.72674	9.696237	.4168850	31.31026	67.45373

#1	18.49526	31.35185	.0030603	.0021138	60.82642	-.003263	.0126629
#2	18.32075	31.45590	.0019217	.0025629	61.18912	-.002957	.0025228
#3	18.36808	31.28058	.0025445	.0024190	60.69997	-.005148	.0159600

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.444621	.3230742	-.152982	-.001561	-.044010	9.441141	.0002730
Stddev	.016446	.0832734	.000760	.000388	.005686	.009180	.0015187
%RSD	1.138433	25.77531	.4965084	24.88795	12.91866	.0972391	556.3770

#1	1.429997	.2670423	-.153743	-.001956	-.050516	9.433529	-.001263
#2	1.462424	.4187642	-.152977	-.001548	-.039994	9.438557	.001774
#3	1.441441	.2834161	-.152224	-.001179	-.041521	9.451336	.000307

Sample Name: I5529-04 Acquired: 10/10/2017 13:58:39 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v206) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MJJ489 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.0168022	.0000232	.5550781
Stddev	.0007376	.0001317	.0007135
%RSD	4.389703	567.3444	.1285313

#1	.0165922	.0001288	.5556501
#2	.0161925	-.000124	.5553055
#3	.0176220	.000065	.5542787

Int. Std.	Y_ 2243	Y_ 2243	Y_ 3600	Y_ 3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	654.8383	1114.911	31802.17	7151.128	2261.653
Stddev	5.5167	6.415	31.59	8.748	11.080
%RSD	.8424530	.5754007	.0993284	.1223253	.4899219

#1	657.9627	1116.239	31822.81	7160.943	2262.997
#2	648.4685	1120.557	31765.81	7144.153	2272.000
#3	658.0836	1107.935	31817.90	7148.288	2249.962

Sample Name: I5529-05 Acquired: 10/10/2017 14:02:44 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v206) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MJJ490 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0054544	-.008301	.0030640	-.001452	.0002369	.4287455	.0792260
Stddev	.0033319	.003392	.0009298	.002421	.0006357	.0049113	.0003901
%RSD	61.08663	40.86482	30.34505	166.7747	268.3985	1.145494	.4923974

#1	.0092671	-.008840	.0040800	-.000233	.0001668	.4273673	.0795136
#2	.0031016	-.004671	.0028566	-.004240	.0009047	.4246706	.0787820
#3	.0039946	-.011391	.0022555	.000118	-.000361	.4341987	.0793826

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0000573	.0005784	43.14095	-.000961	-.000781	.0076442	24.39135
Stddev	.0001205	.0000658	.29540	.000384	.000095	.0004218	.06082
%RSD	210.5008	11.37548	.6847233	39.91145	12.11827	5.518401	.2493326

#1	-.000045	.0005298	43.19769	-.000535	-.000860	.0075114	24.32180
#2	.000027	.0006532	43.40385	-.001279	-.000676	.0081164	24.43453
#3	.000190	.0005521	42.82129	-.001069	-.000807	.0073047	24.41773

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.093071	16.33683	.0001305	.0013698	18.33466	.0012476	.0106678
Stddev	.025946	.02815	.0003008	.0000270	.11719	.0010321	.0059731
%RSD	.6338998	.1722996	230.5320	1.971099	.6391937	82.72077	55.99185

#1	4.078118	16.30825	-.000186	.0013708	18.22290	.0007853	.0113179
#2	4.123031	16.33773	.000166	.0013963	18.32447	.0005276	.0162893
#3	4.078065	16.36452	.000412	.0013424	18.45662	.0024300	.0043962

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	16.40601	3.137735	.0224799	.0001656	.0735175	14.03087	-.001922
Stddev	.08884	.080422	.0008438	.0001451	.0034936	.06015	.000979
%RSD	.5415081	2.563060	3.753495	87.66455	4.752121	.4287070	50.93237

#1	16.33277	3.175413	.0222823	-.000002	.0752725	13.98649	-.001298
#2	16.38043	3.045390	.0234050	.000245	.0694943	14.00678	-.001418
#3	16.50484	3.192399	.0217525	.000254	.0757858	14.09933	-.003050

Sample Name: I5529-05 Acquired: 10/10/2017 14:02:44 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v206) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MJJ490 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.0378710	.0039384	.3542174
Stddev	.0010404	.0000523	.0005600
%RSD	2.747124	1.328078	.1581082

#1	.0390575	.0039356	.3542960
#2	.0371147	.0039921	.3536222
#3	.0374408	.0038876	.3547339

Int. Std.	Y_ 2243	Y_ 2243	Y_ 3600	Y_ 3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	678.3807	1151.545	32688.55	7157.920	2375.016
Stddev	7.3949	5.488	73.71	21.926	5.791
%RSD	1.090086	.4765847	.2255047	.3063122	.2438393

#1	682.8196	1147.131	32716.08	7180.786	2375.109
#2	669.8440	1157.690	32605.04	7155.902	2380.760
#3	682.4784	1149.813	32744.54	7137.074	2369.178

Sample Name: PB103084BL Acquired: 10/10/2017 14:15:01 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v206) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: PBS002 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.001118	-.004441	-.000692	-.000429	-.000004	-.000716
Stddev	.000597	.001383	.000842	.002418	.000627	.001243
%RSD	53.43232	31.14385	121.8043	562.9843	15992.92	173.6338

#1	-.001556	-.002844	-.001480	-.003082	-.000357	.000560
#2	-.001361	-.005244	-.000791	.001650	.000720	-.000784
#3	-.000437	-.005236	.000196	.000143	-.000375	-.001924

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.003096	.0000609	-.000132	.0013440	-.000231	-.000164
Stddev	.000270	.0000421	.000100	.0081597	.000455	.000293
%RSD	8.732048	69.14256	75.70477	607.1402	196.8532	178.4460

#1	-.003236	.0000124	-.000035	-.002298	-.000224	.000067
#2	-.003268	.0000816	-.000234	.010690	-.000690	-.000494
#3	-.002784	.0000885	-.000126	-.004361	.000221	-.000066

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0005273	-.007334	.0000848	-.009416	-.000624	.0002222
Stddev	.0005221	.003480	.0004070	.017686	.000085	.0001072
%RSD	99.00554	47.45880	480.0955	187.8295	13.66054	48.24235

#1	.0010291	-.008087	-.000321	.003337	-.000565	.0002683
#2	-.000013	-.003538	.000493	-.029606	-.000721	.0002985
#3	.000566	-.010376	.000081	-.001979	-.000585	.0000996

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.020263	-.000091	-.000731	-.097996	F -.018382	-.005743
Stddev	.033125	.001232	.003569	.009591	.049338	.000670
%RSD	163.4745	1348.971	487.9789	9.787164	268.4088	11.66529

#1	.009481	.001104	.003312	-.086922	-.000448	-.006215
#2	-.055962	-.001356	-.002063	-.103490	.019481	-.004976
#3	-.014308	-.000022	-.003444	-.103578	-.074178	-.006039

Sample Name: PB103084BL Acquired: 10/10/2017 14:15:01 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v206) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: PBS002 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000288	.0048042	-.000443	-.000217	.0009178	-.000060
Stddev	.000141	.0057057	.000564	.000733	.0006142	.000385
%RSD	49.04329	118.7660	127.3945	337.1381	66.92176	645.6888

#1	-.000245	-.001721	.000208	.000174	.0014001	-.000484
#2	-.000174	.007277	-.000752	-.001063	.0011271	.000038
#3	-.000446	.008857	-.000785	.000237	.0002263	.000267

Elem	Sr4077
Units	ppm
Avg	-.000114
Stddev	.000025
%RSD	22.14613

#1	-.000105
#2	-.000094
#3	-.000143

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	741.6782	1299.972	35785.14	7455.756	2769.626
Stddev	7.9206	12.749	364.99	116.445	19.620
%RSD	1.067926	.9807242	1.019944	1.561811	.7084101

#1	746.8771	1293.772	36125.77	7322.139	2759.255
#2	732.5623	1291.509	35399.90	7509.552	2757.368
#3	745.5952	1314.635	35829.75	7535.577	2792.255

Sample Name: PB103084BS Acquired: 10/10/2017 14:19:11 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v206) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: LCS02 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0161318	.0491058	.0179347	.0617262	.0999884	.3295551
Stddev	.0028308	.0013744	.0007407	.0025774	.0014554	.0031812
%RSD	17.54808	2.798815	4.129944	4.175543	1.455545	.9652997

#1	.0168977	.0506921	.0179311	.0642474	.1012207	.3285829
#2	.0185008	.0482735	.0186772	.0618349	.0983827	.3269735
#3	.0129968	.0483517	.0171958	.0590961	.1003616	.3331090

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.3125874	.0097140	.0091709	7.913616	.0199488	.0803233
Stddev	.0171174	.0001143	.0000565	.009656	.0003484	.0004805
%RSD	5.476041	1.176481	.6160800	.1220190	1.746493	.5982610

#1	.3305911	.0096466	.0092262	7.923314	.0202753	.0801018
#2	.3106499	.0098459	.0091133	7.904003	.0199891	.0808747
#3	.2965212	.0096494	.0091732	7.913530	.0195820	.0799934

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0421873	.1893550	.0279754	8.906884	.0672850	.0167203
Stddev	.0006861	.0033959	.0008701	.039957	.0005252	.0004778
%RSD	1.626260	1.793404	3.110218	.4486089	.7804792	2.857781

#1	.0416562	.1927801	.0281586	8.948464	.0671307	.0170922
#2	.0429619	.1892958	.0270284	8.868776	.0678700	.0161814
#3	.0419439	.1859891	.0287394	8.903411	.0668543	.0168872

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	8.000861	.0898253	.1058574	8.363550	F .4088540	F .0161786
Stddev	.047731	.0022322	.0042550	.025060	.0535408	.0017156
%RSD	.5965688	2.485022	4.019612	.2996391	13.09534	10.60400

#1	8.055924	.0904498	.1055015	8.390784	.3698021	.0142405
#2	7.975393	.0873473	.1102792	8.341462	.3868730	.0167928
#3	7.971265	.0916786	.1017914	8.358403	.4698870	.0175025

Sample Name: PB103084BS Acquired: 10/10/2017 14:19:11 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v206) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: LCS02 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0187903	.1402513	.1675343	F .0113531	.1700794	.0754866
Stddev	.0004238	.0024316	.0016270	.0006163	.0008541	.0008581
%RSD	2.255583	1.733750	.9711658	5.428126	.5021958	1.136729

#1	.0188806	.1424436	.1693933	.0112343	.1701577	.0760504
#2	.0191617	.1406743	.1663698	.0108049	.1708917	.0744990
#3	.0183286	.1376359	.1668397	.0120201	.1691888	.0759103

Elem	Sr4077
Units	ppm
Avg	.1754986
Stddev	.0005035
%RSD	.2868910

#1	.1759651
#2	.1749649
#3	.1755657

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	729.4835	1266.447	34586.73	7361.527	2606.228
Stddev	10.7414	3.865	212.89	30.951	8.437
%RSD	1.472463	.3052136	.6155276	.4204473	.3237069

#1	717.9095	1263.960	34363.04	7326.058	2602.500
#2	731.4091	1264.481	34610.28	7375.459	2600.298
#3	739.1318	1270.900	34786.87	7383.064	2615.886

Sample Name: I5570-01 Acquired: 10/10/2017 14:23:19 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v206) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MC0AC0 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0504389	-.041896	2.244599	-.006007	.0079163	102.0130	1.355020
Stddev	.0043171	.005139	.002324	.009056	.0019475	.6043	.010322
%RSD	8.559157	12.26604	.1035462	150.7625	24.60173	.5923564	.7617960

#1	.0466099	-.047829	2.246188	-.016395	.0098147	101.8665	1.354647
#2	.0551178	-.038884	2.241931	-.001858	.0080111	102.6770	1.365524
#3	.0495889	-.038974	2.245677	.000232	.0059231	101.4954	1.344889

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0074672	.0195545	32.91940	.2641077	.0833328	.5470579	268.7555
Stddev	.0000964	.0004002	.17218	.0018207	.0006337	.0060785	1.5702
%RSD	1.290589	2.046461	.5230352	.6893590	.7604168	1.111127	.5842499

#1	.0075279	.0199841	32.72416	.2648453	.0833887	.5458112	267.5275
#2	.0075177	.0191922	33.04951	.2620340	.0839367	.5536631	270.5247
#3	.0073561	.0194872	32.98455	.2654439	.0826731	.5416994	268.2144

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	3.888507	40.57042	.2497006	.0110357	1.386467	.3550513	2.293952
Stddev	.025000	.18970	.0011642	.0004908	.014335	.0017061	.020112
%RSD	.6429296	.4675711	.4662341	4.447136	1.033919	.4805183	.8767433

#1	3.868561	40.61809	.2500851	.0109536	1.396422	.3538309	2.273717
#2	3.916553	40.73173	.2483928	.0115624	1.370037	.3543223	2.313939
#3	3.880406	40.36143	.2506238	.0105912	1.392942	.3570008	2.294200

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	21.83515	85.63968	-.791414	.0093060	3.023761	4.062023	.2220255
Stddev	.16717	.72941	.004464	.0001651	.017075	.015115	.0029557
%RSD	.7655842	.8517200	.5640395	1.773843	.5646860	.3721024	1.331236

#1	21.83178	85.13496	-.787661	.0094849	3.004254	4.054819	.2213785
#2	22.00398	85.30809	-.796350	.0091595	3.031032	4.079393	.2194469
#3	21.66969	86.47598	-.790230	.0092737	3.035997	4.051859	.2252511

Sample Name: I5570-01 Acquired: 10/10/2017 14:23:19 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v206) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MC0AC0 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	5.026727	.1076120	.1484526
Stddev	.030557	.0011987	.0011705
%RSD	.6078934	1.113868	.7884595

#1	5.011921	.1078277	.1479979
#2	5.061866	.1086881	.1497822
#3	5.006393	.1063201	.1475776

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	699.7651	1207.658	34795.40	7590.875	2201.322
Stddev	4.8653	8.635	86.99	51.451	7.619
%RSD	.6952778	.7149815	.2500166	.6778068	.3461272

#1	703.9057	1204.170	34838.83	7610.713	2192.747
#2	694.4065	1201.313	34695.24	7532.458	2203.906
#3	700.9831	1217.491	34852.13	7629.454	2207.313

Sample Name: I5570-02 Acquired: 10/10/2017 14:27:22 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v206) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MC0AC1 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0567830	-.037891	1.806877	-.001475	.0092719	89.38379	1.326578
Stddev	.0091831	.002063	.001744	.005174	.0006823	.20020	.004083
%RSD	16.17222	5.443935	.0965143	350.8668	7.358415	.2239742	.3077893

#1	.0472440	-.036211	1.805790	.001948	.0085996	89.56081	1.330622
#2	.0575418	-.037268	1.808888	-.007427	.0092524	89.16653	1.322457
#3	.0655631	-.040193	1.805952	.001055	.0099637	89.42403	1.326656

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0067292	.0141519	93.32430	.2799967	.0764511	.5582599	197.4744
Stddev	.0001667	.0002155	.43841	.0006444	.0001951	.0015462	.3568
%RSD	2.477826	1.522593	.4697668	.2301634	.2551509	.2769697	.1806860

#1	.0066825	.0142490	92.93422	.2807067	.0764284	.5599104	197.3526
#2	.0065908	.0139050	93.23992	.2794487	.0762683	.5568450	197.1944
#3	.0069143	.0143018	93.79876	.2798349	.0766565	.5580243	197.8762

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	7.835552	44.24772	.2080469	.0066173	1.289326	.3782464	2.095696
Stddev	.021143	.12399	.0006637	.0000716	.029000	.0016605	.013780
%RSD	.2698314	.2802278	.3189950	1.081763	2.249226	.4389977	.6575387

#1	7.834008	44.20209	.2083218	.0066279	1.285741	.3766250	2.111564
#2	7.815224	44.15302	.2072900	.0066830	1.262285	.3781706	2.088785
#3	7.857425	44.38807	.2085289	.0065410	1.319952	.3799434	2.086740

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	15.18920	117.7428	-.542754	.0093447	5.850280	3.533735	.0402886
Stddev	.04469	.2590	.005031	.0001493	.024141	.017992	.0037500
%RSD	.2942391	.2200125	.9270082	1.598108	.4126474	.5091628	9.307930

#1	15.23673	117.5867	-.539949	.0091893	5.858866	3.518396	.0393970
#2	15.18284	118.0418	-.539750	.0094871	5.823020	3.529268	.0444041
#3	15.14803	117.5999	-.548563	.0093577	5.868955	3.553540	.0370647

Sample Name: I5570-02 Acquired: 10/10/2017 14:27:22 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v206) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MC0AC1 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	3.688086	.0905849	.3744225
Stddev	.008551	.0001334	.0010286
%RSD	.2318492	.1472927	.2747056

#1	3.695863	.0907373	.3752624
#2	3.678929	.0905284	.3732753
#3	3.689467	.0904890	.3747297

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	696.5959	1212.844	34806.49	7601.296	2153.142
Stddev	5.1532	8.212	193.97	20.356	6.662
%RSD	.7397702	.6770609	.5572786	.2677925	.3094042

#1	691.9551	1203.946	34588.28	7579.441	2145.586
#2	695.6910	1214.455	34871.86	7619.715	2155.672
#3	702.1416	1220.131	34959.32	7604.733	2158.169

Sample Name: I5570-03 Acquired: 10/10/2017 14:31:24 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v206) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MC0AC2 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0755818	-.034069	2.611514	-.001217	.0102609	78.80767	.7872007
Stddev	.0014809	.004260	.009667	.006816	.0038014	.19039	.0029807
%RSD	1.959362	12.50327	.3701676	560.0337	37.04760	.2415855	.3786392

#1	.0757637	-.033884	2.612806	-.009014	.0098081	78.95539	.7906416
#2	.0740183	-.038419	2.601266	.003614	.0142684	78.59280	.7854137
#3	.0769634	-.029905	2.620470	.001748	.0067061	78.87481	.7855467

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0065239	.0108940	5.308364	.1760080	.0597519	.4058146	183.4998
Stddev	.0002510	.0002871	.098280	.0013289	.0007751	.0031013	.0471
%RSD	3.847740	2.635389	1.851418	.7550174	1.297220	.7642162	.0256491

#1	.0065725	.0109740	5.332813	.1748746	.0601854	.4093840	183.5072
#2	.0067470	.0105754	5.200168	.1756788	.0602132	.4042795	183.4494
#3	.0062521	.0111326	5.392112	.1774705	.0588570	.4037802	183.5427

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.925172	15.70059	.1078169	.0059475	.8980183	.3711946	.9576119
Stddev	.006888	.05651	.0010304	.0002431	.0631299	.0007620	.0082409
%RSD	.2354714	.3599251	.9556562	4.086849	7.029907	.2052938	.8605709

#1	2.917241	15.65884	.1066407	.0062055	.8251391	.3704566	.9529301
#2	2.928624	15.76490	.1082500	.0057228	.9358165	.3711484	.9527782
#3	2.929652	15.67804	.1085600	.0059143	.9330993	.3719786	.9671273

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.913980	115.6806	-.555349	.0049561	2.370115	1.856850	.0697118
Stddev	.020081	1.5161	.002029	.0004305	.019045	.007335	.0020899
%RSD	.3395571	1.310595	.3653762	8.685531	.8035447	.3950242	2.997858

#1	5.937071	116.2546	-.556675	.0053468	2.365550	1.853567	.0705767
#2	5.900602	116.8258	-.553013	.0050269	2.391027	1.851730	.0712304
#3	5.904267	113.9612	-.556360	.0044946	2.353766	1.865253	.0673283

Sample Name: I5570-03 Acquired: 10/10/2017 14:31:24 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v206) Mode: CONC Corr. Factor: 1.000000
 User: JASWAL Custom ID1: MC0AC2 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	1.901483	.0656382	.0521762
Stddev	.002527	.0002499	.0000628
%RSD	.1329106	.3807995	.1203270

#1	1.899057	.0659053	.0522433
#2	1.904100	.0654099	.0521665
#3	1.901291	.0655992	.0521189

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	725.1178	1264.119	36249.81	7870.068	2360.278
Stddev	1.8253	6.611	122.73	20.422	4.502
%RSD	.2517310	.5230009	.3385758	.2594951	.1907569

#1	725.5649	1256.486	36108.09	7846.842	2355.132
#2	726.6780	1267.810	36320.07	7878.146	2363.492
#3	723.1104	1268.060	36321.27	7885.216	2362.210

Sample Name: CCV038 Acquired: 10/10/2017 14:35:38 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v206) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: CCV038 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.735822	5.167127	23.57520	4.733429	4.745790	387.6075
Stddev	.003193	.038772	.09595	.012767	.009395	2.1896
%RSD	.0674137	.7503591	.4069769	.2697130	.1979582	.5648948

#1	4.739136	5.122789	23.52866	4.724442	4.756148	388.5355
#2	4.735564	5.183923	23.51141	4.727802	4.737819	385.1068
#3	4.732767	5.194669	23.68554	4.748042	4.743403	389.1803

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	9.614323	.5064874	2.416229	381.6433	14.73728	2.363736
Stddev	.061421	.0029501	.010678	.6131	.04112	.010190
%RSD	.6388446	.5824560	.4419341	.1606351	.2790109	.4311093

#1	9.610951	.5042739	2.412530	381.7312	14.73322	2.361555
#2	9.554658	.5053518	2.407893	380.9911	14.69834	2.354813
#3	9.677361	.5098365	2.428265	382.2077	14.78028	2.374840

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	14.69732	393.7550	14.73439	397.2269	2.338941	1.271367
Stddev	.06750	2.0775	.07801	2.8062	.007869	.002315
%RSD	.4592632	.5276032	.5294302	.7064593	.3364359	.1820693

#1	14.75011	394.7945	14.77370	397.7919	2.333141	1.271041
#2	14.62126	391.3630	14.64455	394.1811	2.335783	1.269233
#3	14.72057	395.1076	14.78492	399.7077	2.347898	1.273828

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	383.5217	2.442094	14.28781	147.5271	F -1.39515	F 4.085445
Stddev	2.7436	.012086	.17368	.8209	.06871	.019172
%RSD	.7153721	.4948905	1.215592	.5564238	4.924848	.4692637

#1	385.1963	2.448506	14.33161	147.4489	-1.44287	4.065614
#2	380.3554	2.428154	14.43540	146.7482	-1.31640	4.086840
#3	385.0134	2.449623	14.09642	148.3843	-1.42619	4.103881

Sample Name: CCV038 Acquired: 10/10/2017 14:35:38 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v206) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: CCV038 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.741262	4.863100	4.925926	4.706765	4.849783	4.590030
Stddev	.010385	.045602	.020581	.016217	.027580	.030853
%RSD	.2190292	.9377050	.4178121	.3445404	.5686922	.6721836

#1	4.746356	4.813076	4.909385	4.696886	4.865080	4.600049
#2	4.729314	4.873874	4.919419	4.697927	4.817944	4.555412
#3	4.748116	4.902350	4.948974	4.725480	4.866324	4.614628

Elem	Sr4077
Units	ppm
Avg	4.541805
Stddev	.018005
%RSD	.3964297

#1	4.549790
#2	4.521188
#3	4.554436

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	589.7750	1025.354	29177.10	6760.398	1759.731
Stddev	5.8063	2.796	80.55	28.654	8.263
%RSD	.9844966	.2726436	.2760723	.4238541	.4695773

#1	589.4861	1024.963	29210.17	6780.590	1764.110
#2	584.1186	1028.325	29085.28	6773.002	1764.885
#3	595.7204	1022.775	29235.85	6727.602	1750.200

Sample Name: CCB038 Acquired: 10/10/2017 15:03:32 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v206) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: CCB038 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.002172	-.002340	-.002318	.0011173	-.000071	-.000926	-.003161
Stddev	.001878	.001935	.000845	.0008482	.001126	.002872	.000239
%RSD	86.44359	82.70021	36.45403	75.91646	1575.375	310.1305	7.557198

#1	-.004184	-.004565	-.002111	.0018574	.001206	-.000674	-.003271
#2	-.000466	-.001406	-.001596	.0001917	-.000501	.001812	-.003325
#3	-.001866	-.001049	-.003247	.0013028	-.000919	-.003915	-.002887

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000047	-.000077	.0015722	.0004736	.0002265	.0005844	.0001570
Stddev	.000075	.000154	.0007380	.0004791	.0002235	.0010072	.0071224
%RSD	160.5534	200.7022	46.94359	101.1706	98.69452	172.3342	4537.111

#1	-.000130	-.000067	.0022443	.0008683	.0003344	.0013304	.0042051
#2	.000013	.000072	.0016898	-.000060	-.000031	.0009840	.0043328
#3	-.000022	-.000236	.0007824	.000612	.000376	-.000561	-.008067

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000266	-.010643	-.000474	.0000991	-.081140	-.000835	-.002984
Stddev	.000611	.026598	.000264	.0001485	.072040	.002382	.001169
%RSD	229.4054	249.9062	55.72570	149.8381	88.78442	285.2917	39.16543

#1	-.000272	.020069	-.000439	.0000684	-.001816	.000715	-.002750
#2	-.000874	-.025830	-.000753	.0002606	-.099111	.000358	-.004252
#3	.000347	-.026169	-.000229	-.000032	-.142494	-.003578	-.001950

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.047930	.0141427	-.004571	-.000428	.0066138	-.001515	.0002132
Stddev	.030081	.0547749	.001471	.000184	.0053903	.000466	.0014374
%RSD	62.76094	387.3028	32.18651	43.03156	81.49987	30.76794	674.1369

#1	-.013425	.0581338	-.003690	-.000537	.0039432	-.001996	.0014646
#2	-.061726	.0315028	-.006269	-.000531	.0030803	-.001065	.0005318
#3	-.068638	-.047209	-.003753	-.000215	.0128180	-.001484	-.001357

Sample Name: CCB038 Acquired: 10/10/2017 15:03:32 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v206) Mode: CONC Corr. Factor: 1.000000
 User: JASWAL Custom ID1: CCB038 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.0002781	-.000175	-.000111
Stddev	.0003117	.000235	.000029
%RSD	112.0769	134.4618	25.87107

#1	.0003639	-.000402	-.000080
#2	.0005379	.000068	-.000137
#3	-.000068	-.000190	-.000115

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	729.9430	1281.300	35172.38	7360.094	2732.558
Stddev	3.6369	5.990	104.95	54.696	8.516
%RSD	.4982489	.4675181	.2983954	.7431364	.3116659

#1	730.9091	1280.359	35083.81	7305.466	2736.631
#2	725.9206	1275.837	35145.02	7414.857	2722.769
#3	732.9993	1287.706	35288.30	7359.960	2738.272