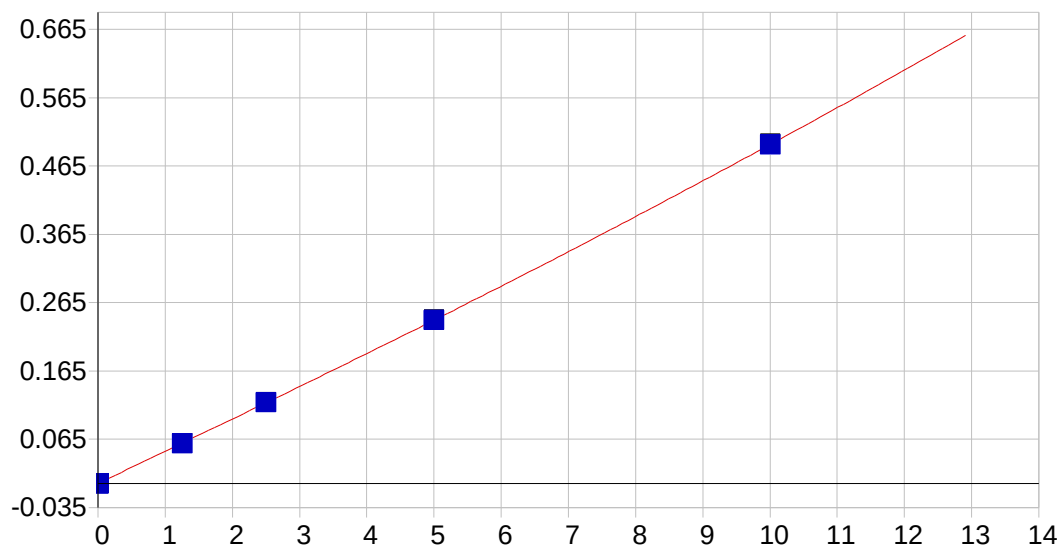




As 189.042 {479}

Date of Fit: 8/11/2017 15:47:01 Type of Fit: Full Fit Weighting: 1/Conc

A0 (Offset): -0.000330

Re-Slope: 1.000000

A1 (Gain): 0.047286

Y-int: 0.000000

A2 (Curvature): 0.000637

n (Exponent): 0.970000

Correlation: 0.999989

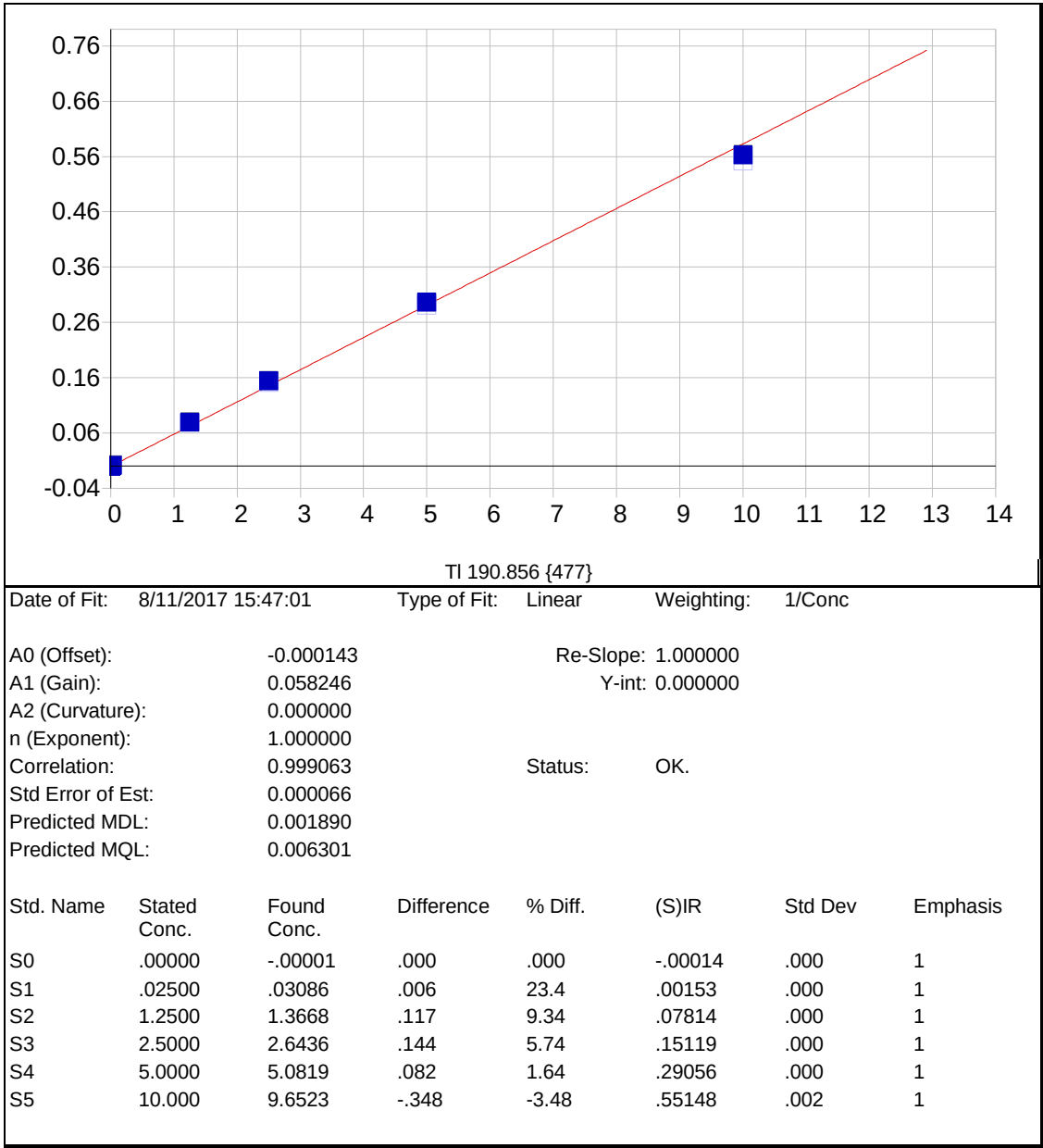
Status: Warning Positive Curvature

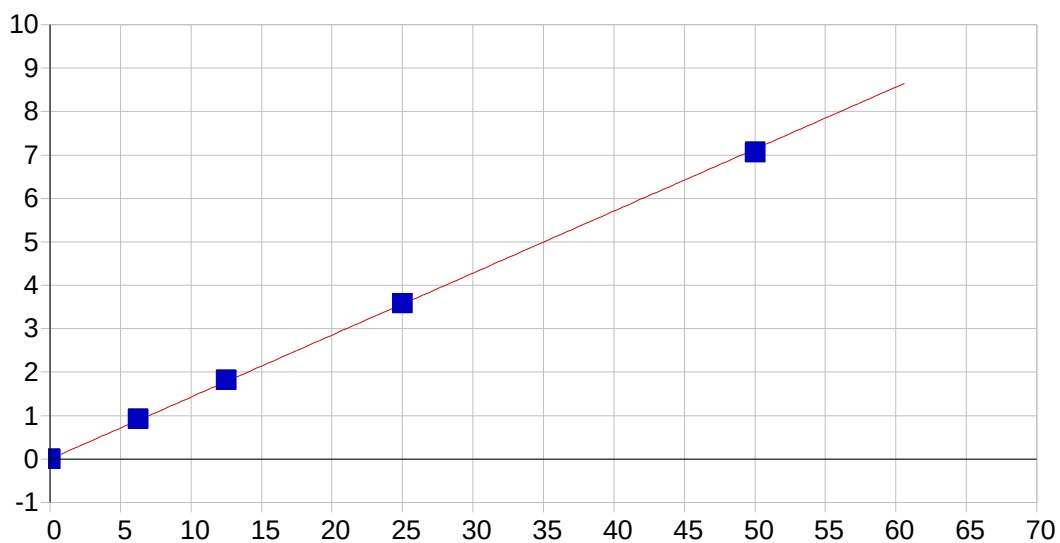
Std Error of Est: 0.000006

Predicted MDL: 0.003697

Predicted MQL: 0.012324

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	-.00033	.000	1
S1	.01000	.01136	.001	13.6	.00029	.000	1
S2	1.2500	1.2352	-.015	-1.19	.05865	.000	1
S3	2.5000	2.5082	.008	.328	.11880	.000	1
S4	5.0000	5.0104	.010	.207	.23985	.001	1
S5	10.000	9.9949	-.005	-.051	.49600	.001	1



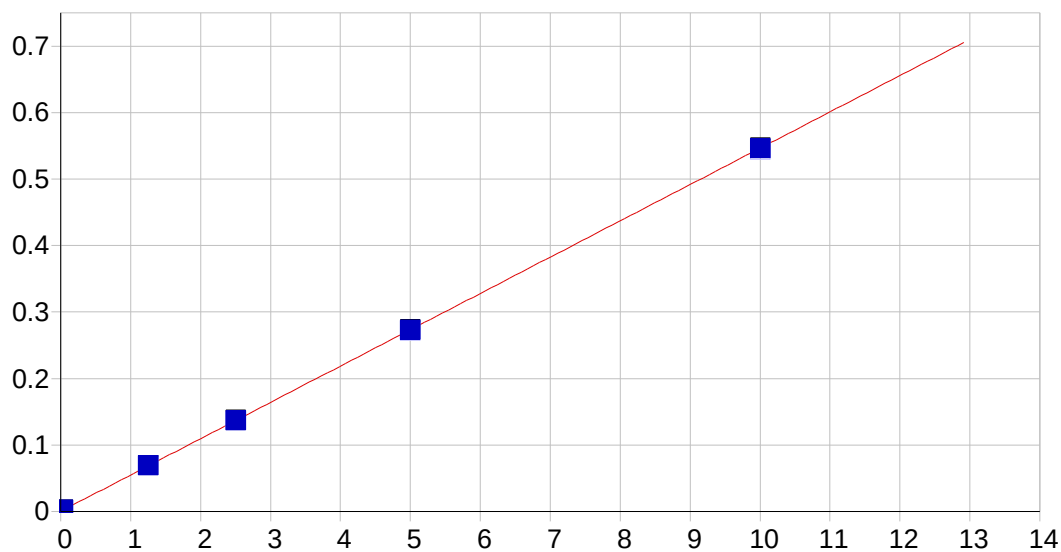


Pb 220.353 {453}

Date of Fit: 8/11/2017 15:47:01 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.000007 Re-Slope: 1.000000
 A1 (Gain): 0.142709 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999910 Status: OK.
 Std Error of Est: 0.000072
 Predicted MDL: 0.001548
 Predicted MQL: 0.005159

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	-.00001	.000	1
S1	.01000	.00995	.000	-.477	.00141	.000	1
S2	6.2500	6.4401	.190	3.04	.91931	.002	1
S3	12.500	12.744	.244	1.95	1.8192	.001	1
S4	25.000	25.109	.109	.438	3.5844	.003	1
S5	50.000	49.457	-.543	-1.09	7.0600	.009	1

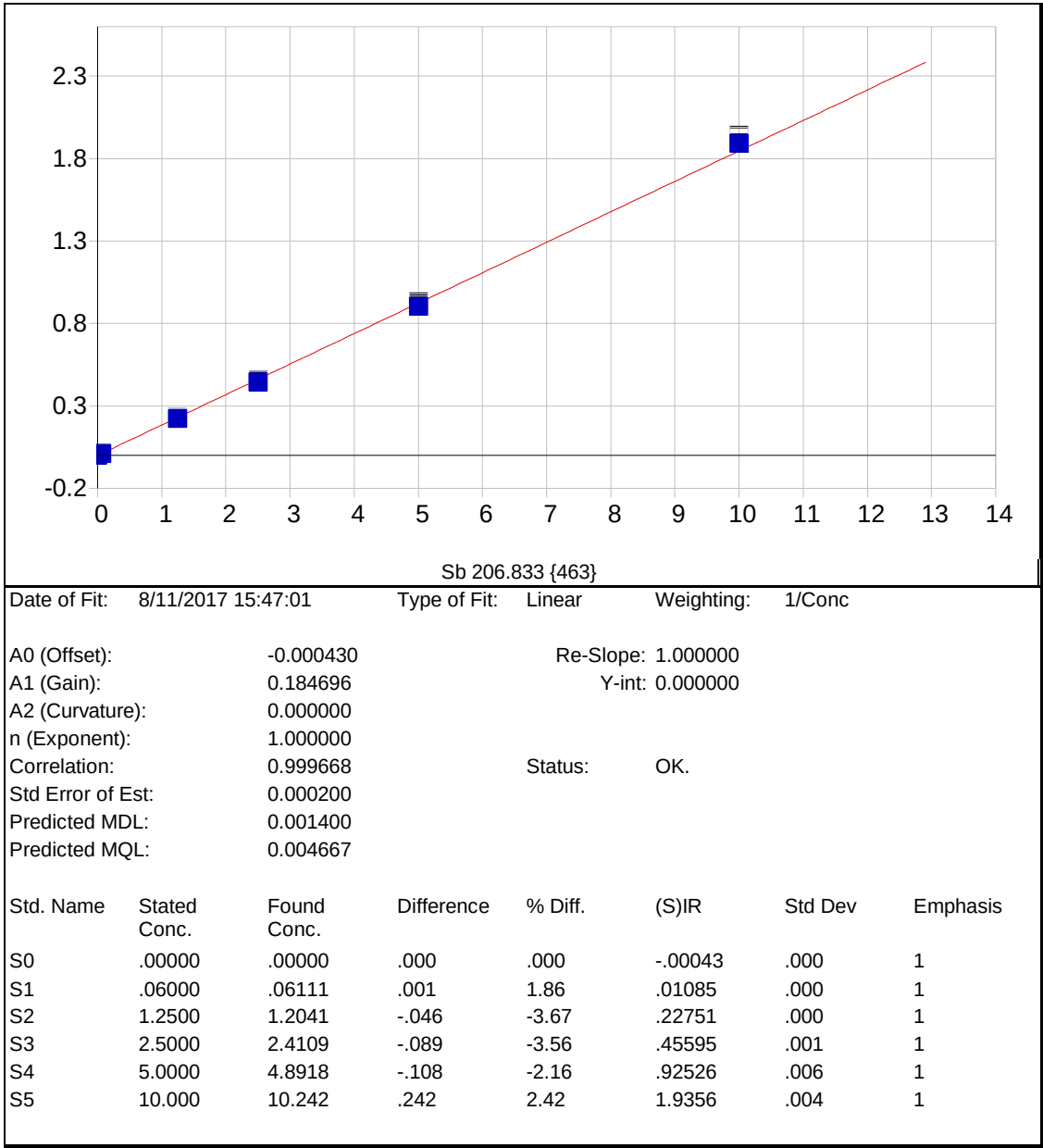


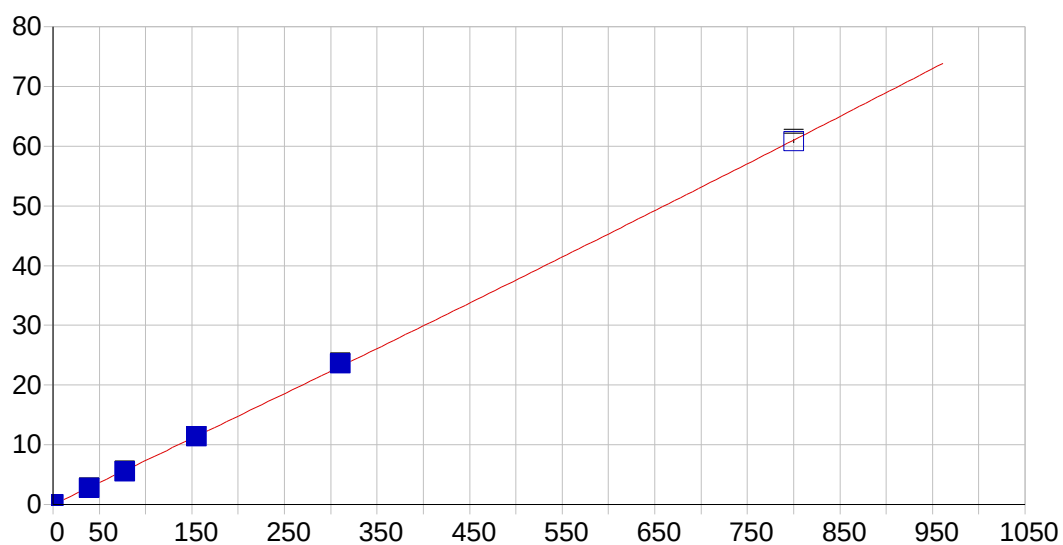
Se 196.090 {472}

Date of Fit: 8/11/2017 15:47:01 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.000268 Re-Slope: 1.000000
 A1 (Gain): 0.054616 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999995 Status: OK.
 Std Error of Est: 0.000005
 Predicted MDL: 0.003437
 Predicted MQL: 0.011458

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	.00027	.000	1
S1	.03500	.03569	.001	1.98	.00222	.000	1
S2	1.2500	1.2620	.012	.958	.06894	.000	1
S3	2.5000	2.5063	.006	.251	.13664	.000	1
S4	5.0000	4.9883	-.012	-.234	.27170	.001	1
S5	10.000	9.9927	-.007	-.073	.54401	.001	1





AI 396.152 { 85}

Date of Fit: 8/11/2017 15:47:01

Type of Fit: Curvilinear

Weighting: 1/Conc

A0 (Offset): 0.000181

Re-Slope: 1.000000

A1 (Gain): 0.073283

Y-int: 0.000000

A2 (Curvature): 0.000004

n (Exponent): 1.000000

Correlation: 0.999902

Status:

Warning

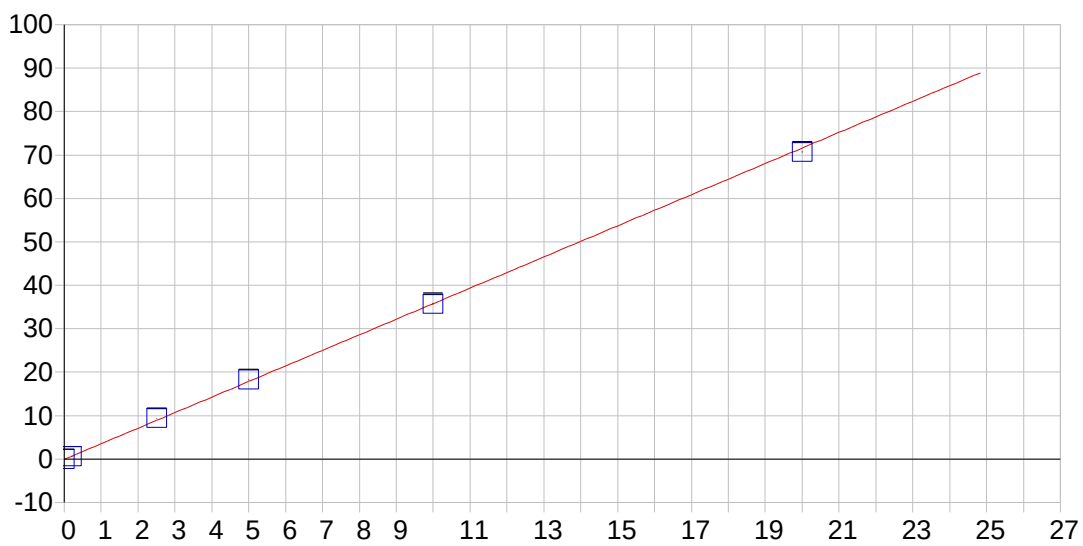
Positive Curvature

Std Error of Est: 0.000735

Predicted MDL: 0.003937

Predicted MQL: 0.013124

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00001	.000	.000	.00018	.000	1
S1	.20000	.20266	.003	1.33	.01506	.001	1
S2	38.750	37.335	-1.41	-3.65	2.7448	.006	1
S3	77.500	75.315	-2.19	-2.82	5.5473	.031	1
S4	155.00	153.84	-1.16	-.748	11.375	.033	1
S5	310.00	316.78	6.78	2.19	23.614	.090	1
S6	800.00	797.96	-2.04	-.255	60.836	.311	1

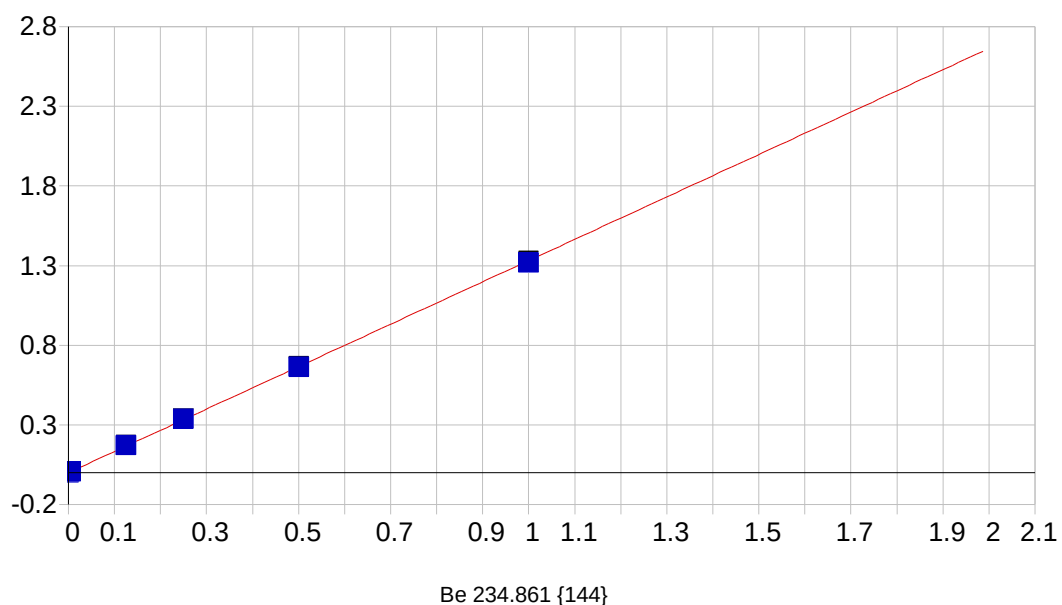


Ba 493.409 { 68}

Date of Fit: 8/11/2017 15:47:01 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.056762 Re-Slope: 1.000000
 A1 (Gain): 3.583403 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999792 Status: OK.
 Std Error of Est: 0.007773
 Predicted MDL: 0.000314
 Predicted MQL: 0.001047

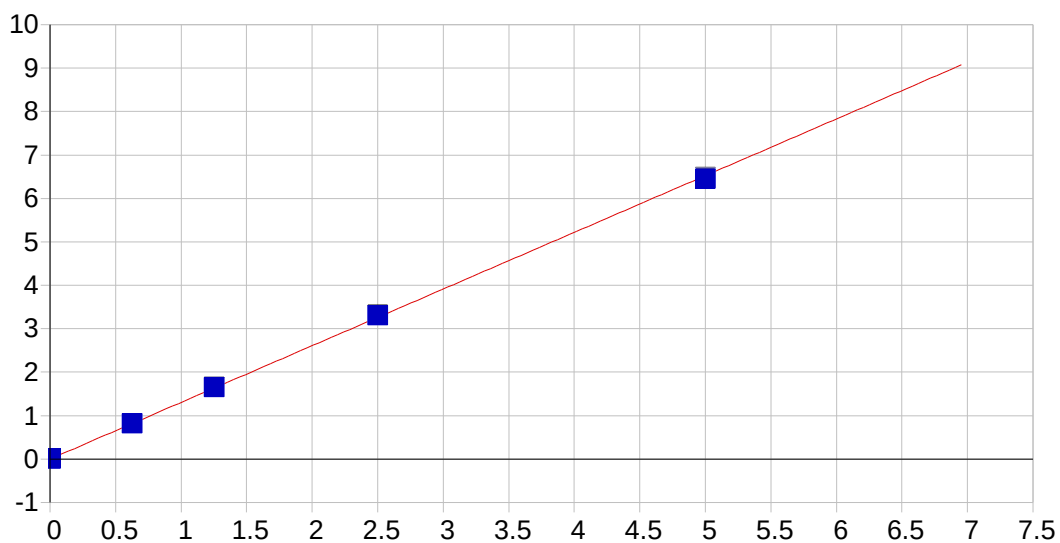
Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	-.05676	.001	1
S1	.20000	.18600	-.014	-7.00	.60976	.018	1
S2	2.5000	2.6393	.139	5.57	9.4009	.046	1
S3	5.0000	5.1341	.134	2.68	18.341	.096	1
S4	10.000	10.000	.000	.001	35.778	.238	1
S5	20.000	19.740	-.260	-1.30	70.681	.170	1



Date of Fit: 8/11/2017 15:47:01 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.000440 Re-Slope: 1.000000
 A1 (Gain): 1.332038 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999865 Status: OK.
 Std Error of Est: 0.000082
 Predicted MDL: 0.000106
 Predicted MQL: 0.000353

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	-.00044	.000	1
S1	.00500	.00604	.001	20.8	.00760	.000	1
S2	.12500	.12944	.004	3.56	.17143	.002	1
S3	.25000	.25379	.004	1.52	.33650	.003	1
S4	.50000	.49912	-.001	-.176	.66217	.004	1
S5	1.0000	.99160	-.008	-.840	1.3159	.009	1

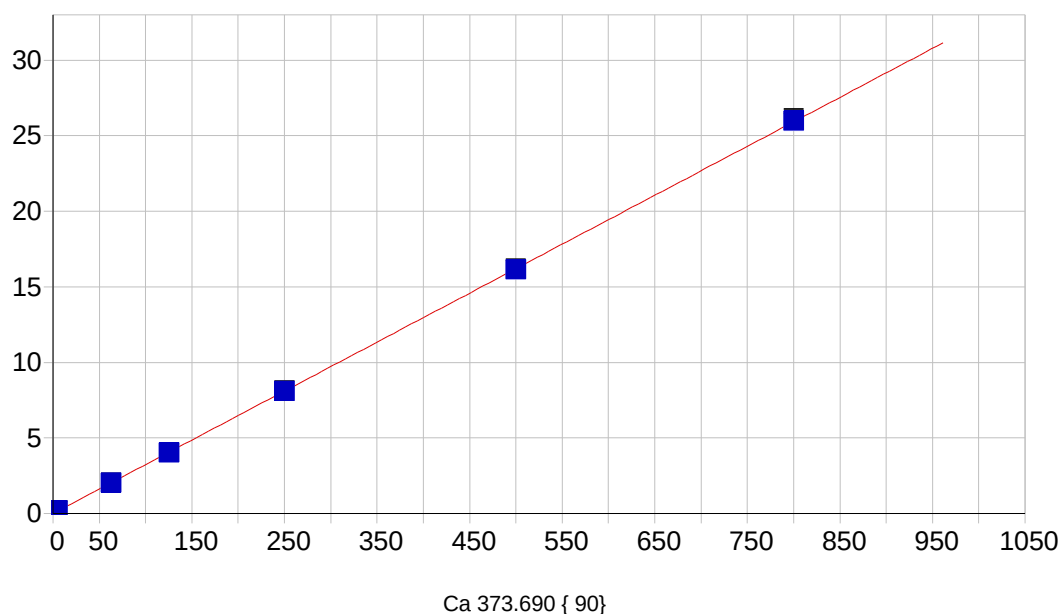


Cd 214.438 {457}

Date of Fit: 8/11/2017 15:47:01 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.000194 Re-Slope: 1.000000
 A1 (Gain): 1.304898 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999933 Status: OK.
 Std Error of Est: 0.000127
 Predicted MDL: 0.000119
 Predicted MQL: 0.000397

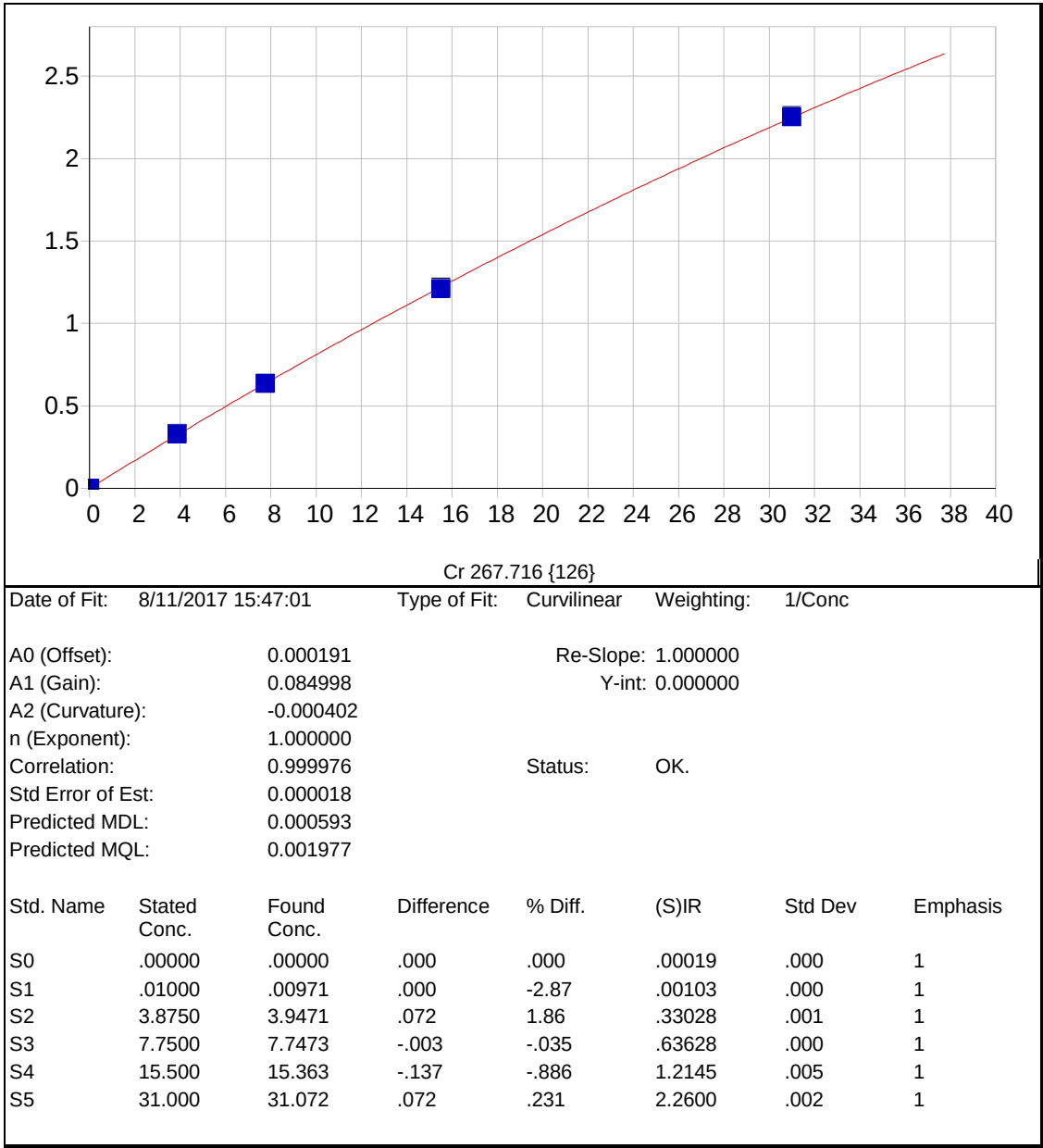
Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	-.00019	.000	1
S1	.00500	.00540	.000	8.08	.00686	.000	1
S2	.62500	.62873	.004	.597	.82215	.002	1
S3	1.2500	1.2659	.016	1.27	1.6555	.003	1
S4	2.5000	2.5330	.033	1.32	3.3128	.004	1
S5	5.0000	4.9470	-.053	-1.06	6.4704	.017	1

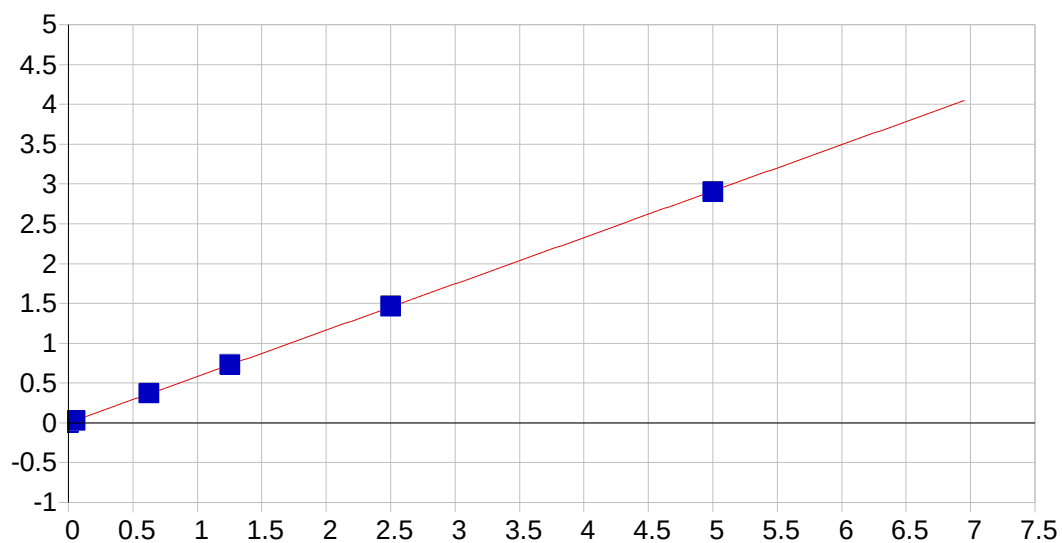


Date of Fit: 8/11/2017 15:47:01 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.000721 Re-Slope: 1.000000
 A1 (Gain): 0.032398 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999994 Status: OK.
 Std Error of Est: 0.000392
 Predicted MDL: 0.008402
 Predicted MQL: 0.028006

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00001	.000	.000	.00072	.000	1
S1	5.0000	5.0235	.024	.470	.16347	.006	1
S2	62.500	62.497	-.003	-.005	2.0230	.008	1
S3	125.00	124.08	-.920	-.736	4.0158	.005	1
S4	250.00	250.18	.178	.071	8.0962	.013	1
S5	500.00	498.24	-1.76	-.353	16.123	.046	1
S6	800.00	802.49	2.49	.311	25.947	.135	1



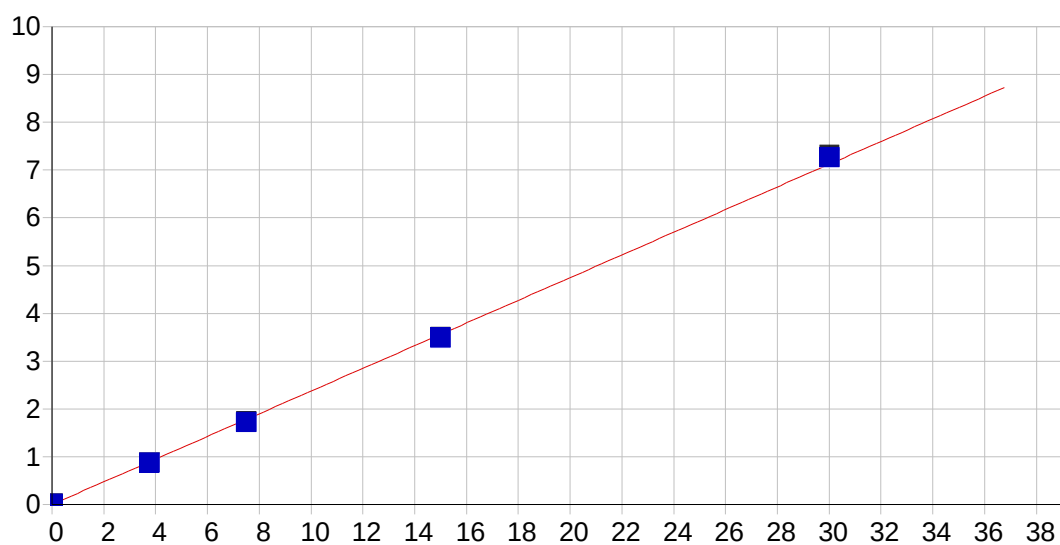


Co 228.616 {448}

Date of Fit: 8/11/2017 15:47:01 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.000046 Re-Slope: 1.000000
 A1 (Gain): 0.582044 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999978 Status: OK.
 Std Error of Est: 0.000102
 Predicted MDL: 0.000264
 Predicted MQL: 0.000880

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	-.00005	.000	1
S1	.05000	.04783	-.002	-4.35	.02790	.000	1
S2	.62500	.63356	.009	1.37	.36948	.000	1
S3	1.2500	1.2560	.006	.477	.73250	.000	1
S4	2.5000	2.5116	.012	.464	1.4649	.001	1
S5	5.0000	4.9761	-.024	-.479	2.9023	.005	1

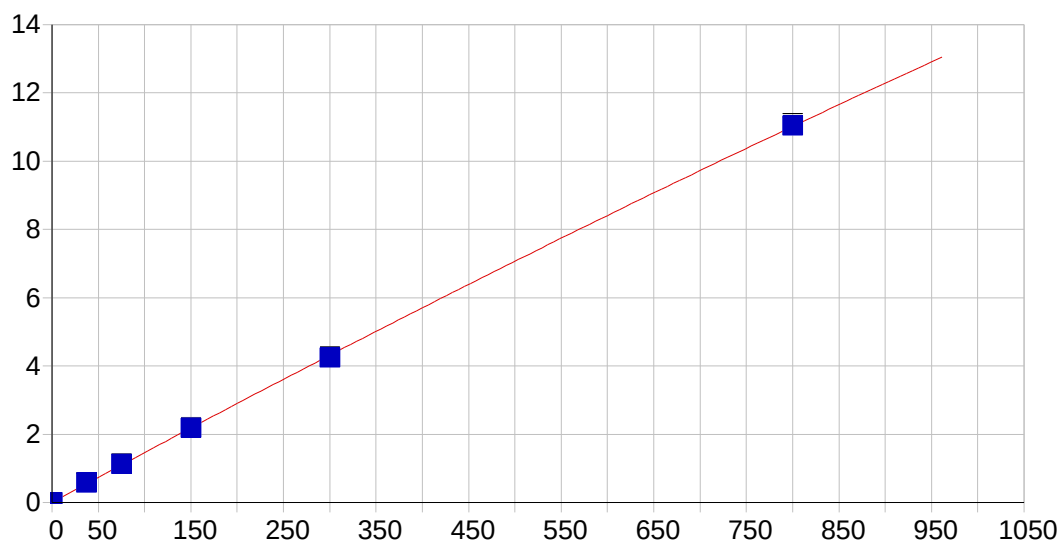


Cu 324.754 {104}

Date of Fit: 8/11/2017 15:47:01 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.001095 Re-Slope: 1.000000
 A1 (Gain): 0.237347 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999738 Status: OK.
 Std Error of Est: 0.000249
 Predicted MDL: 0.000824
 Predicted MQL: 0.002747

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	.00110	.000	1
S1	.02500	.02569	.001	2.76	.00715	.000	1
S2	3.7500	3.6661	-.084	-2.24	.86868	.004	1
S3	7.5000	7.2595	-.241	-3.21	1.7190	.011	1
S4	15.000	14.690	-.310	-2.06	3.4777	.008	1
S5	30.000	30.633	.633	2.11	7.2515	.044	1

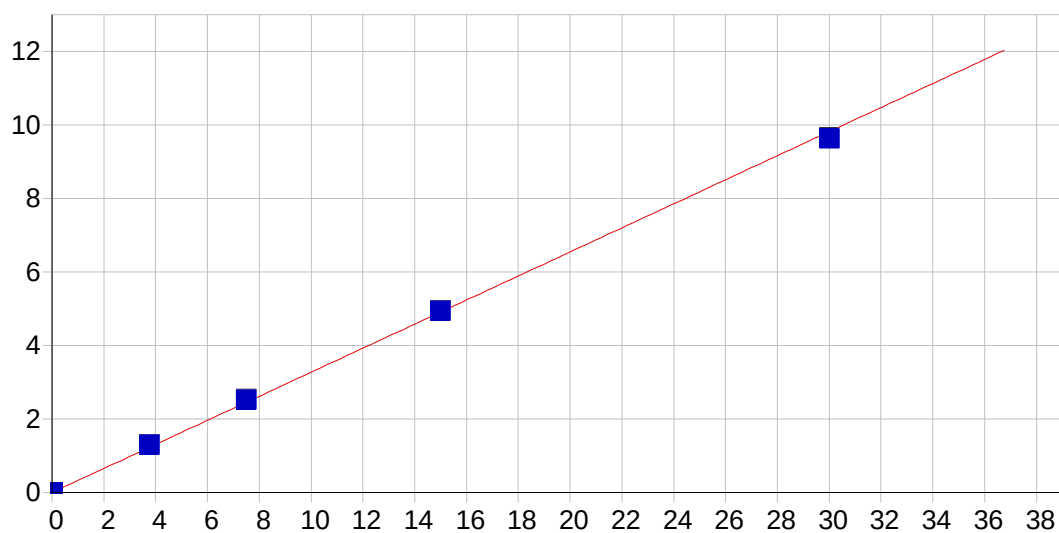


Fe 259.837 {130}

Date of Fit: 8/11/2017 15:47:01 Type of Fit: Curvilinear Weighting: 1/Conc

A0 (Offset): 0.000071 Re-Slope: 1.000000
 A1 (Gain): 0.014745 Y-int: 0.000000
 A2 (Curvature): -0.000001
 n (Exponent): 1.000000
 Correlation: 0.999937 Status: OK.
 Std Error of Est: 0.000077
 Predicted MDL: 0.006521
 Predicted MQL: 0.021737

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00002	.000	.000	.00007	.000	1
S1	.10000	.11218	.012	12.2	.00173	.000	1
S2	37.500	39.088	1.59	4.24	.57524	.001	1
S3	75.000	76.297	1.30	1.73	1.1193	.001	1
S4	150.00	150.10	.099	.066	2.1886	.006	1
S5	300.00	295.36	-4.64	-1.55	4.2547	.015	1
S6	800.00	801.66	1.66	.207	11.047	.060	1

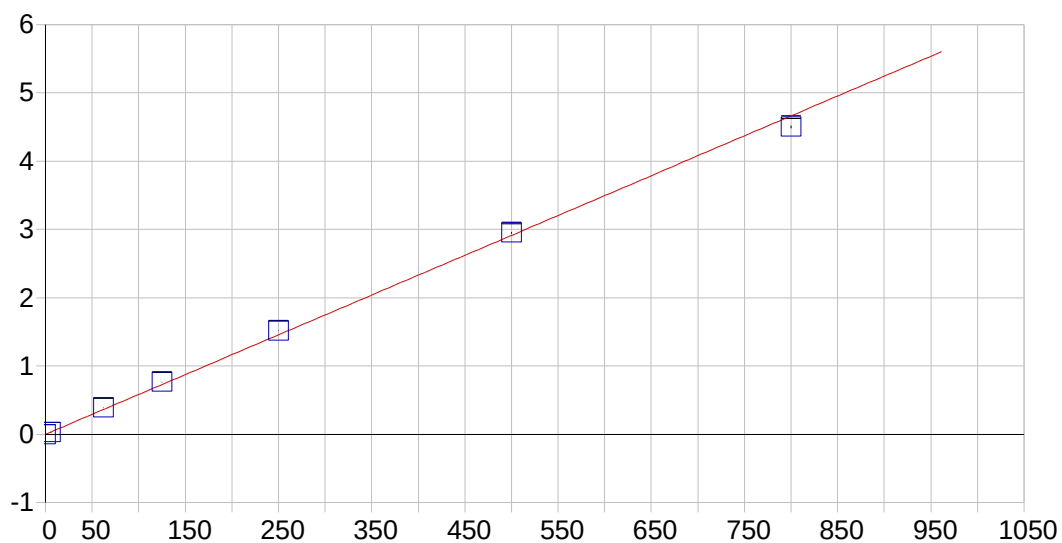


Mn 257.610 {131}

Date of Fit: 8/11/2017 15:47:01 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.000035 Re-Slope: 1.000000
 A1 (Gain): 0.327276 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999713 Status: OK.
 Std Error of Est: 0.000279
 Predicted MDL: 0.000337
 Predicted MQL: 0.001122

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	.00003	.000	1
S1	.01500	.01727	.002	15.1	.00569	.000	1
S2	3.7500	3.9773	.227	6.06	1.3020	.003	1
S3	7.5000	7.7224	.222	2.97	2.5279	.006	1
S4	15.000	15.114	.114	.762	4.9477	.007	1
S5	30.000	29.434	-.566	-1.89	9.6351	.022	1

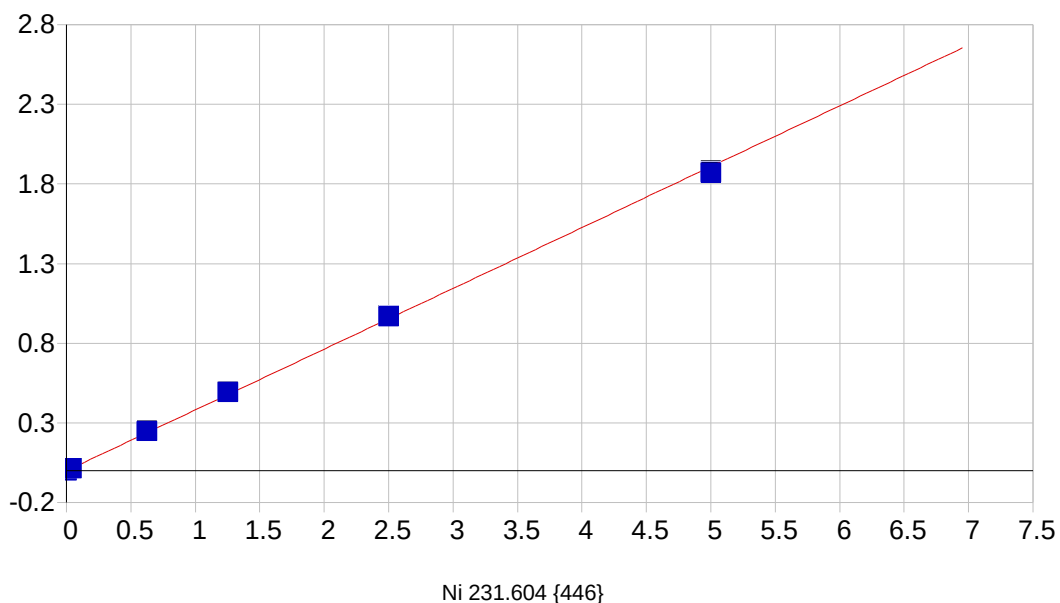


Mg 279.079 {121}

Date of Fit: 8/11/2017 15:47:01 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.000005 Re-Slope: 1.000000
 A1 (Gain): 0.005829 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999402 Status: OK.
 Std Error of Est: 0.000704
 Predicted MDL: 0.019137
 Predicted MQL: 0.063790

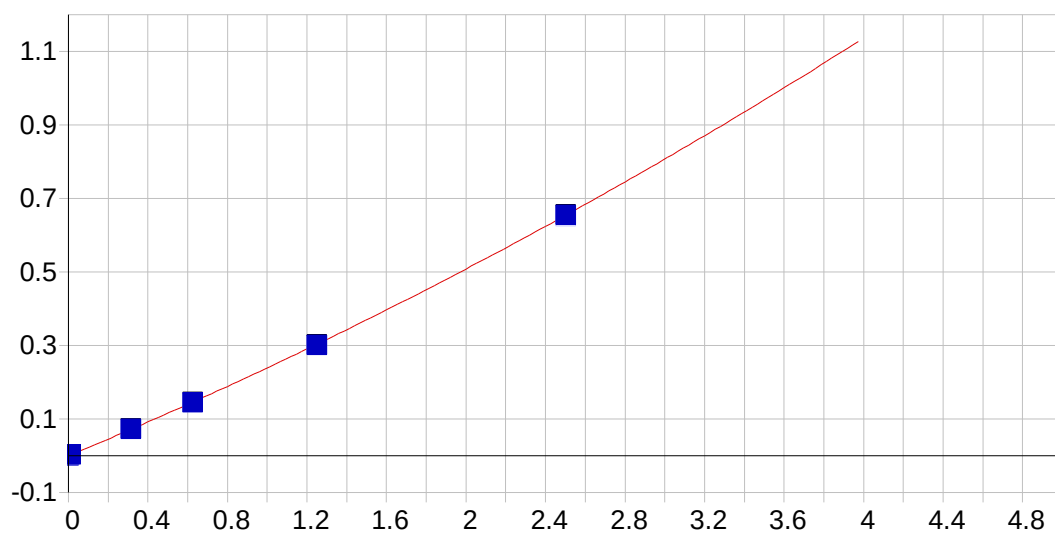
Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00107	-.001	.000	.00000	.000	1
S1	5.0000	5.3989	.399	7.98	.03147	.001	1
S2	62.500	66.316	3.82	6.11	.38654	.002	1
S3	125.00	131.54	6.54	5.23	.76670	.003	1
S4	250.00	260.60	10.6	4.24	1.5189	.004	1
S5	500.00	506.24	6.24	1.25	2.9508	.014	1
S6	800.00	772.41	-27.6	-3.45	4.5021	.017	1



Date of Fit: 8/11/2017 15:47:01 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.000445 Re-Slope: 1.000000
 A1 (Gain): 0.381726 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999743 Status: OK.
 Std Error of Est: 0.000206
 Predicted MDL: 0.000465
 Predicted MQL: 0.001552

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	-.00045	.000	1
S1	.04000	.04050	.001	1.26	.01504	.000	1
S2	.62500	.64777	.023	3.64	.24808	.000	1
S3	1.2500	1.2899	.040	3.19	.49446	.000	1
S4	2.5000	2.5400	.040	1.60	.97417	.001	1
S5	5.0000	4.8968	-.103	-2.06	1.8788	.005	1

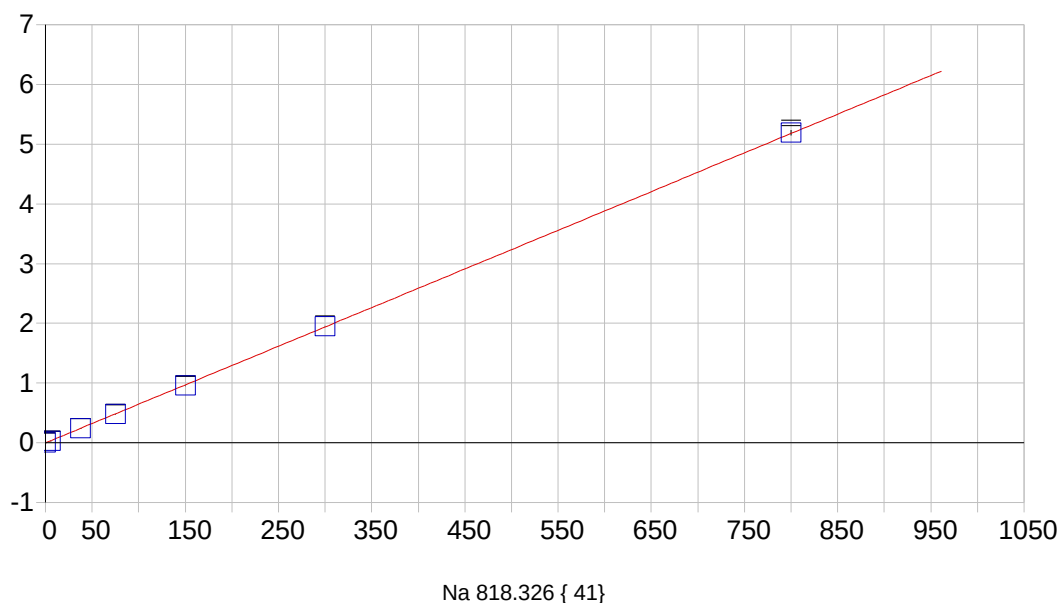


Ag 328.068 {103}

Date of Fit: 8/11/2017 15:47:01 Type of Fit: Curvilinear Weighting: 1/Conc

A0 (Offset):	-0.000112	Re-Slope: 1.000000
A1 (Gain):	0.224154	Y-int: 0.000000
A2 (Curvature):	0.014977	
n (Exponent):	1.000000	
Correlation:	0.999973	Status: Warning Positive Curvature
Std Error of Est:	0.000018	
Predicted MDL:	0.000351	
Predicted MQL:	0.001169	

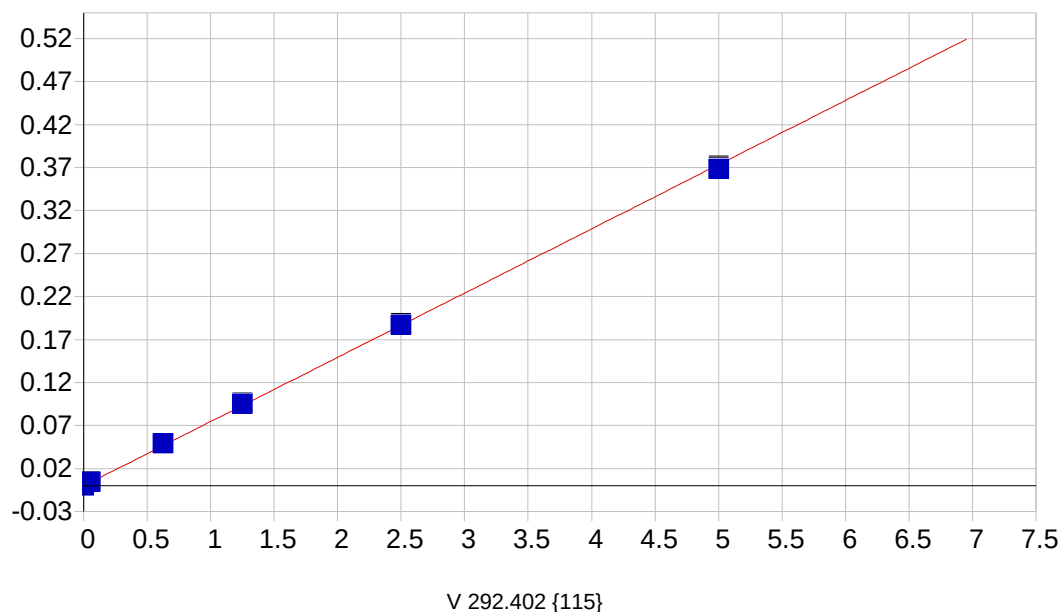
Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	-.00011	.000	1
S1	.01000	.01133	.001	13.3	.00242	.000	1
S2	.31250	.31740	.005	1.57	.07207	.000	1
S3	.62500	.62164	-.003	-.537	.14406	.001	1
S4	1.2500	1.2447	-.005	-.421	.30019	.000	1
S5	2.5000	2.5025	.003	.100	.65081	.003	1



Date of Fit: 8/11/2017 15:47:01 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.001230 Re-Slope: 1.000000
 A1 (Gain): 0.006472 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999966 Status: OK.
 Std Error of Est: 0.000165
 Predicted MDL: 0.092594
 Predicted MQL: 0.308648

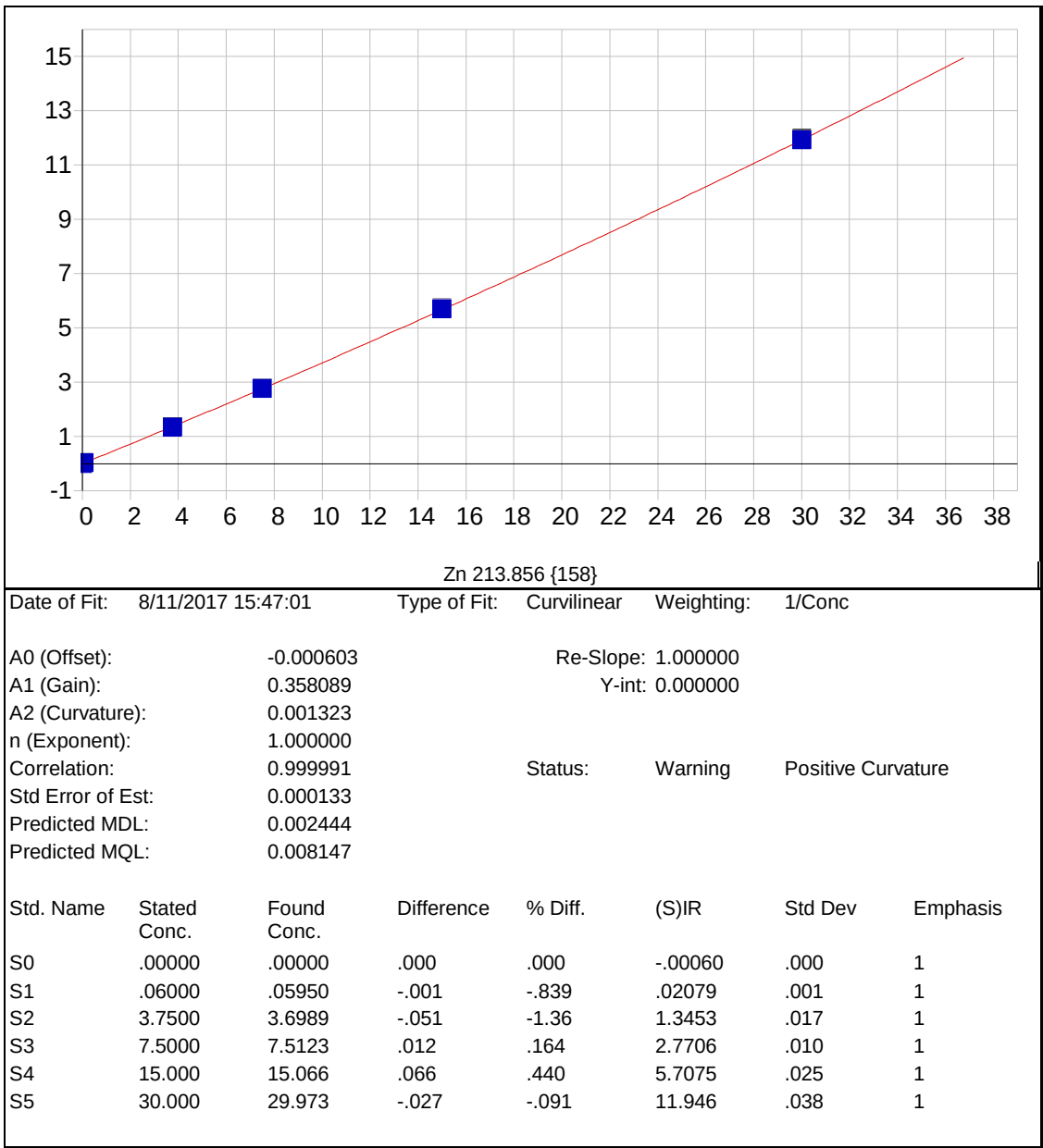
Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00027	.000	.000	-.00123	.000	1
S1	5.0000	4.9060	-.094	-1.88	.03052	.001	1
S2	37.500	37.122	-.378	-1.01	.23904	.001	1
S3	75.000	73.683	-1.32	-1.76	.47567	.003	1
S4	150.00	147.41	-2.59	-1.73	.95285	.003	1
S5	300.00	301.91	1.91	.637	1.9528	.007	1
S6	800.00	802.47	2.47	.308	5.1926	.044	1

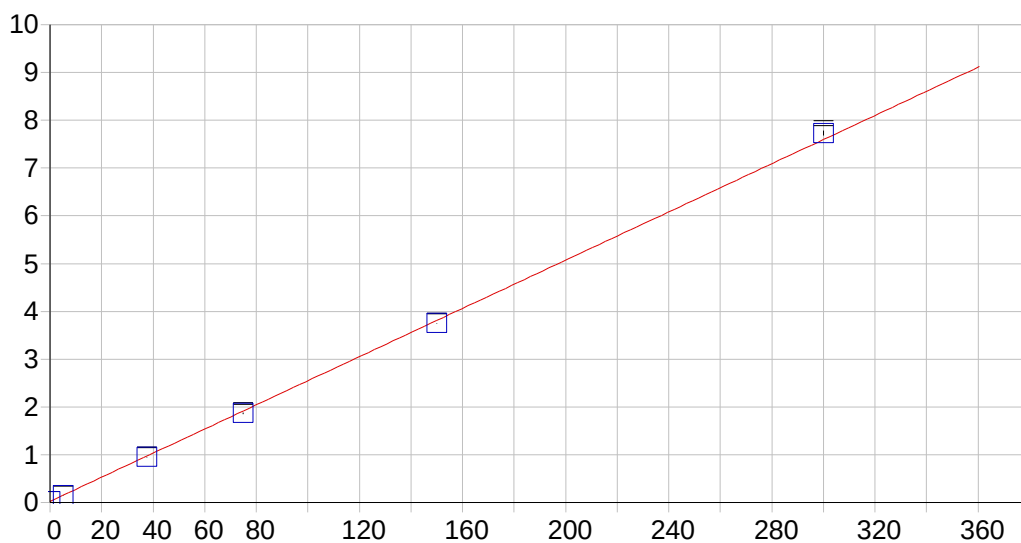


Date of Fit: 8/11/2017 15:47:01 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.000153 Re-Slope: 1.000000
 A1 (Gain): 0.074711 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999770 Status: OK.
 Std Error of Est: 0.000043
 Predicted MDL: 0.001957
 Predicted MQL: 0.006522

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00001	.000	.000	-.00015	.000	1
S1	.05000	.05754	.008	15.1	.00416	.000	1
S2	.62500	.65634	.031	5.01	.04908	.000	1
S3	1.2500	1.2781	.028	2.25	.09572	.000	1
S4	2.5000	2.5042	.004	.168	.18771	.001	1
S5	5.0000	4.9288	-.071	-1.42	.36963	.002	1



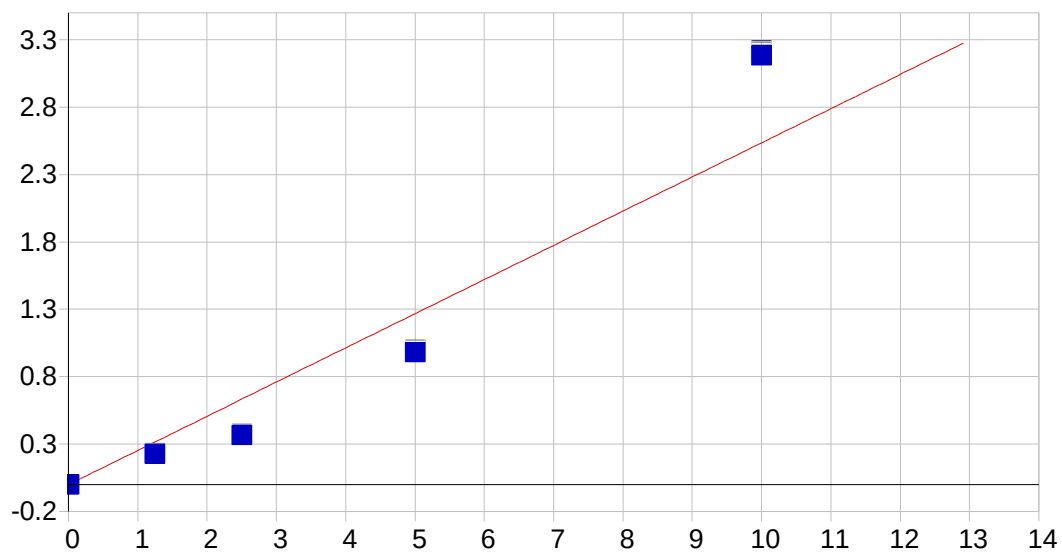


K 769.896 { 44}

Date of Fit: 8/11/2017 15:47:01 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.023931 Re-Slope: 1.000000
 A1 (Gain): 0.025240 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999824 Status: OK.
 Std Error of Est: 0.000978
 Predicted MDL: 0.022330
 Predicted MQL: 0.074433

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00035	.000	.000	.02394	.000	1
S1	5.0000	4.8813	-.119	-2.37	.14714	.004	1
S2	37.500	36.715	-.785	-2.09	.95063	.005	1
S3	75.000	73.044	-1.96	-2.61	1.8676	.013	1
S4	150.00	147.61	-2.39	-1.59	3.7496	.004	1
S5	300.00	305.25	5.25	1.75	7.7285	.053	1

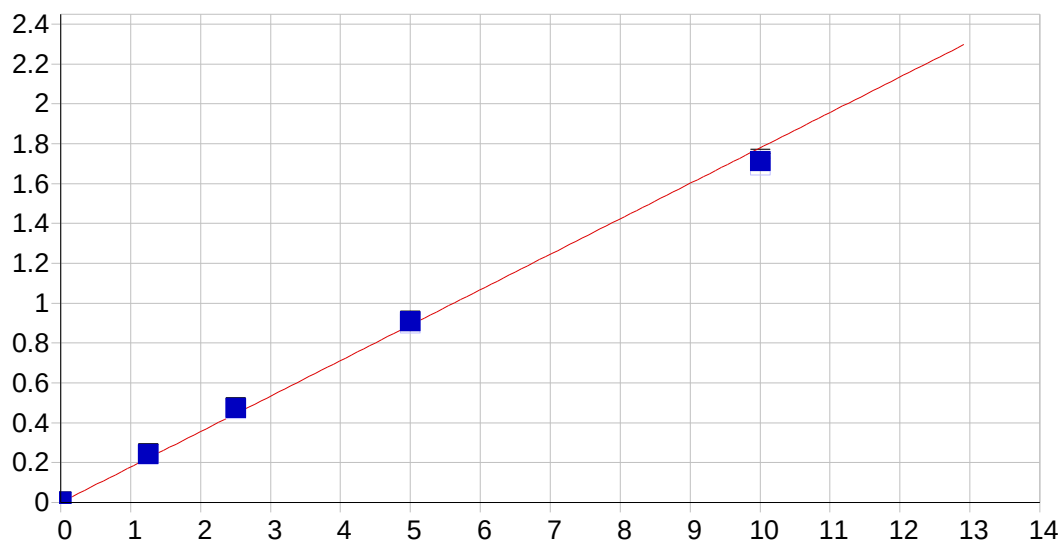


P 177.495 {490}

Date of Fit: 8/11/2017 15:47:01 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.000818 Re-Slope: 1.000000
 A1 (Gain): 0.253644 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.964054 Status: OK.
 Std Error of Est: 0.001187
 Predicted MDL: 0.000375
 Predicted MQL: 0.001251

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00002	.000	.000	-.00081	.000	1
S1	.01000	.00157	-.008	-84.3	-.00037	.000	1
S2	1.2500	.89855	-.351	-28.1	.23119	.000	1
S3	2.5000	1.4421	-1.06	-42.3	.37315	.002	1
S4	5.0000	3.8659	-1.13	-22.7	.99615	.001	1
S5	10.000	12.552	2.55	25.5	3.2157	.004	1

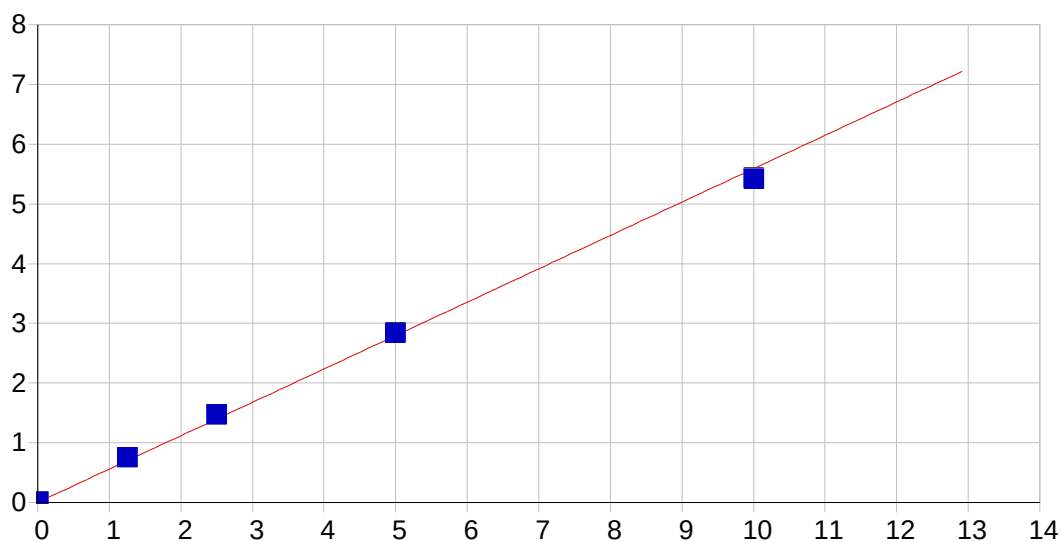


B 249.678 {135}

Date of Fit: 8/11/2017 15:47:01 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.000167 Re-Slope: 1.000000
 A1 (Gain): 0.177903 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.998989 Status: OK.
 Std Error of Est: 0.000133
 Predicted MDL: 0.000984
 Predicted MQL: 0.003280

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	.00017	.000	1
S1	.01000	.01217	.002	21.7	.00234	.000	1
S2	1.2500	1.3629	.113	9.03	.23985	.001	1
S3	2.5000	2.6590	.159	6.36	.46764	.004	1
S4	5.0000	5.1024	.102	2.05	.89677	.003	1
S5	10.000	9.6235	-.377	-3.77	1.6899	.011	1

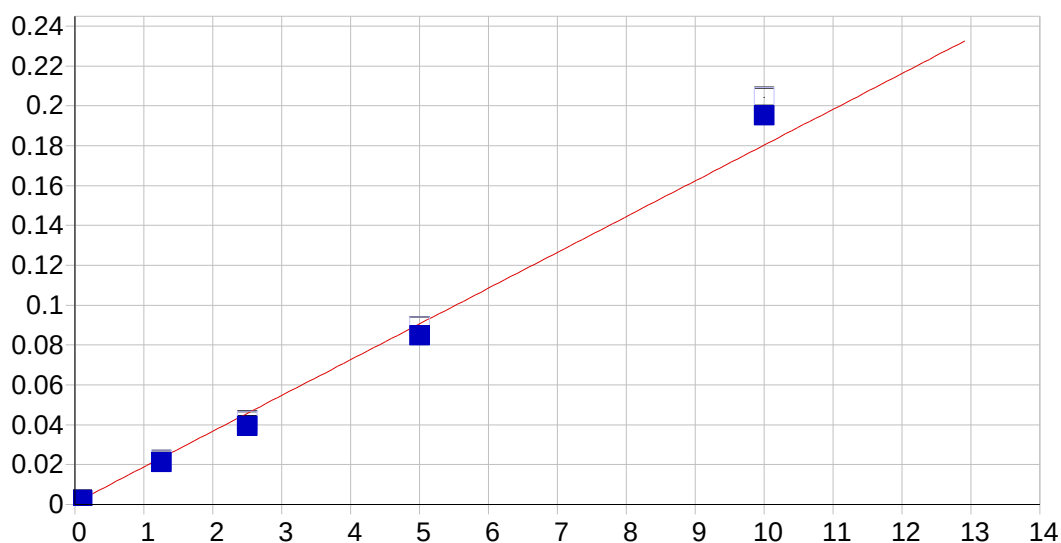


Mo 202.030 {467}

Date of Fit: 8/11/2017 15:47:01 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.000394 Re-Slope: 1.000000
 A1 (Gain): 0.558857 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999371 Status: OK.
 Std Error of Est: 0.000333
 Predicted MDL: 0.000370
 Predicted MQL: 0.001233

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	.00039	.000	1
S1	.01000	.01242	.002	24.2	.00735	.000	1
S2	1.2500	1.3430	.093	7.44	.75157	.003	1
S3	2.5000	2.6223	.122	4.89	1.4671	.001	1
S4	5.0000	5.0805	.081	1.61	2.8422	.009	1
S5	10.000	9.7018	-.298	-2.98	5.4274	.010	1

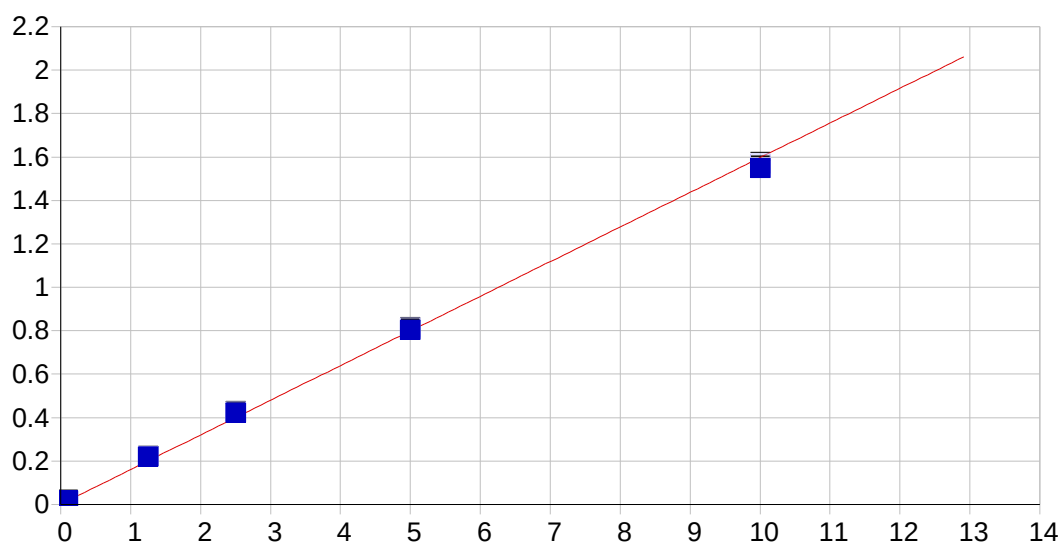


S 182.034 {485}

Date of Fit: 8/11/2017 15:47:01 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.000857 Re-Slope: 1.000000
 A1 (Gain): 0.017949 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.996271 Status: OK.
 Std Error of Est: 0.000087
 Predicted MDL: 0.004834
 Predicted MQL: 0.016112

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00005	.000	.000	.00086	.000	1
S1	.10000	.07573	-.024	-24.3	.00222	.000	1
S2	1.2500	1.1275	-.123	-9.80	.02224	.000	1
S3	2.5000	2.1530	-.347	-13.9	.04178	.000	1
S4	5.0000	4.6684	-.332	-6.63	.08922	.000	1
S5	10.000	10.824	.824	8.24	.20427	.000	1

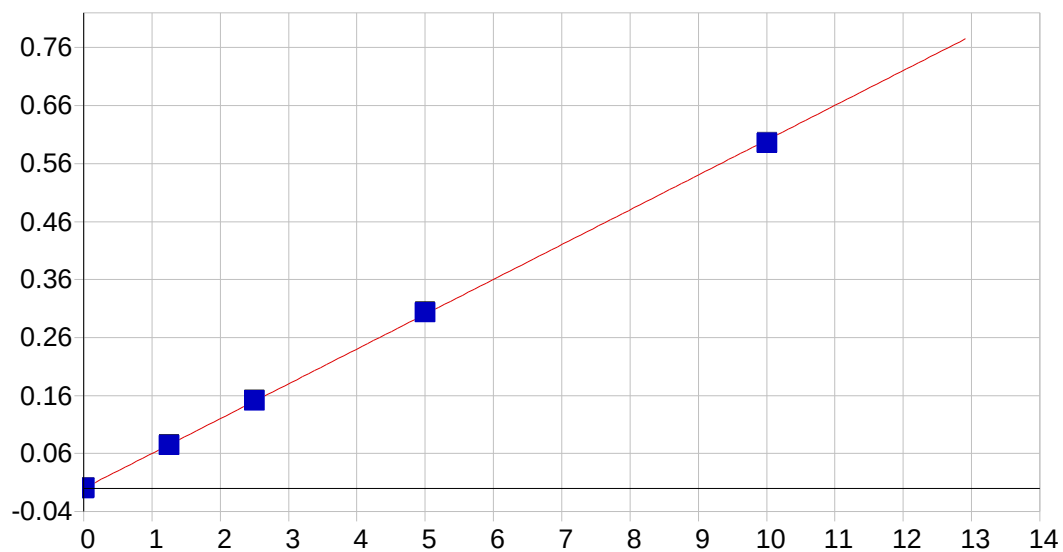


Si 251.611 {134}

Date of Fit: 8/11/2017 15:47:01 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.001277 Re-Slope: 1.000000
 A1 (Gain): 0.159565 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999238 Status: OK.
 Std Error of Est: 0.000335
 Predicted MDL: 0.001110
 Predicted MQL: 0.003700

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00002	.000	.000	.00127	.000	1
S1	.10000	.11018	.010	10.2	.01892	.000	1
S2	1.2500	1.3698	.120	9.59	.22220	.001	1
S3	2.5000	2.6394	.139	5.58	.42713	.003	1
S4	5.0000	5.0301	.030	.603	.81330	.002	1
S5	10.000	9.7005	-.299	-2.99	1.5679	.009	1

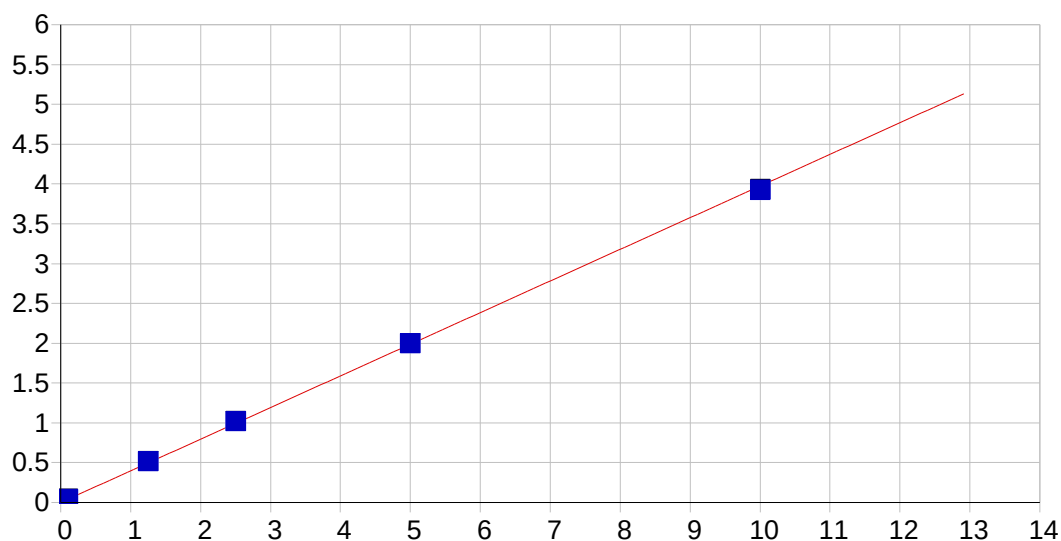


Sn 189.989 {478}

Date of Fit: 8/11/2017 15:47:01 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.000039 Re-Slope: 1.000000
 A1 (Gain): 0.060046 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999965 Status: OK.
 Std Error of Est: 0.000007
 Predicted MDL: 0.001415
 Predicted MQL: 0.004717

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	.00004	.000	1
S1	.00700	.00664	.000	-5.17	.00043	.000	1
S2	1.2500	1.2463	-.004	-.299	.07481	.000	1
S3	2.5000	2.5216	.022	.865	.15133	.001	1
S4	5.0000	5.0538	.054	1.08	.30326	.001	1
S5	10.000	9.9287	-.071	-.713	.59574	.001	1

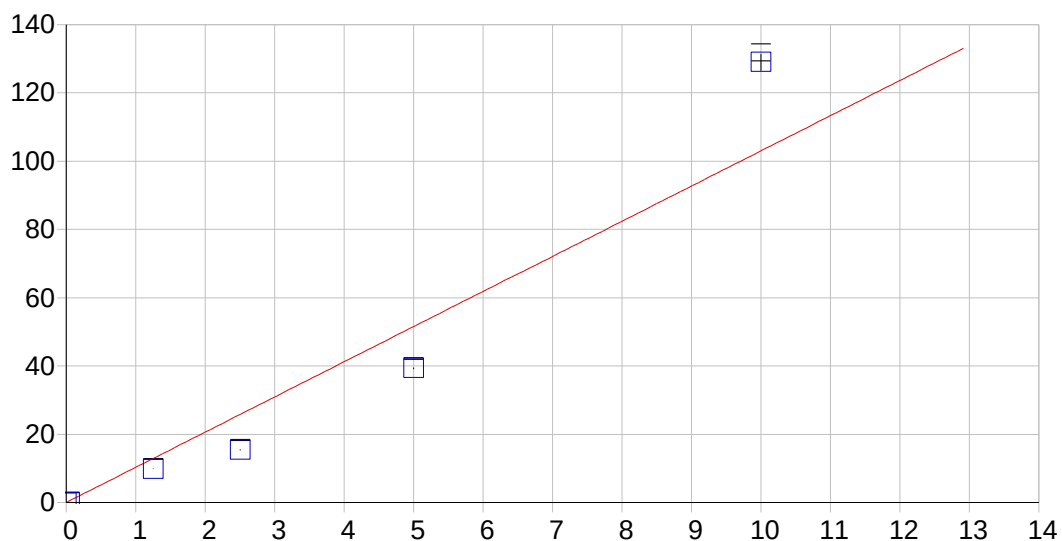


Ti 336.121 {100}

Date of Fit: 8/11/2017 15:47:01 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.001173 Re-Slope: 1.000000
 A1 (Gain): 0.397305 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999873 Status: OK.
 Std Error of Est: 0.000336
 Predicted MDL: 0.000534
 Predicted MQL: 0.001779

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00001	.000	.000	.00117	.000	1
S1	.10000	.10418	.004	4.18	.04255	.001	1
S2	1.2500	1.2955	.046	3.64	.51572	.001	1
S3	2.5000	2.5565	.057	2.26	1.0166	.003	1
S4	5.0000	5.0198	.020	.396	1.9949	.003	1
S5	10.000	9.8740	-.126	-1.26	3.9228	.011	1

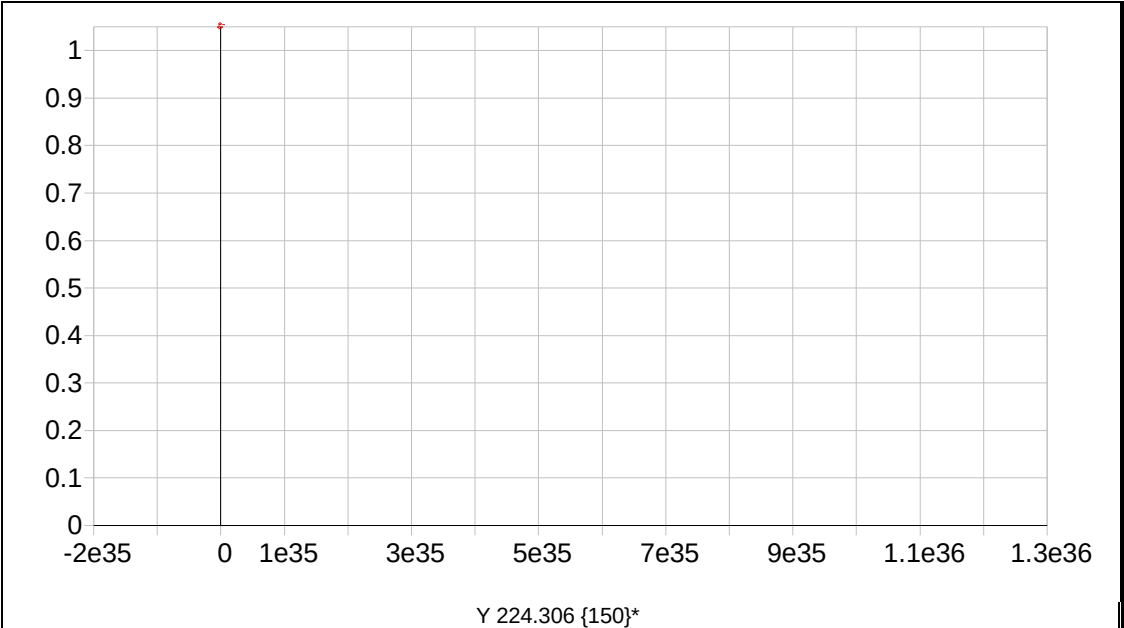


Li 670.784 { 50}

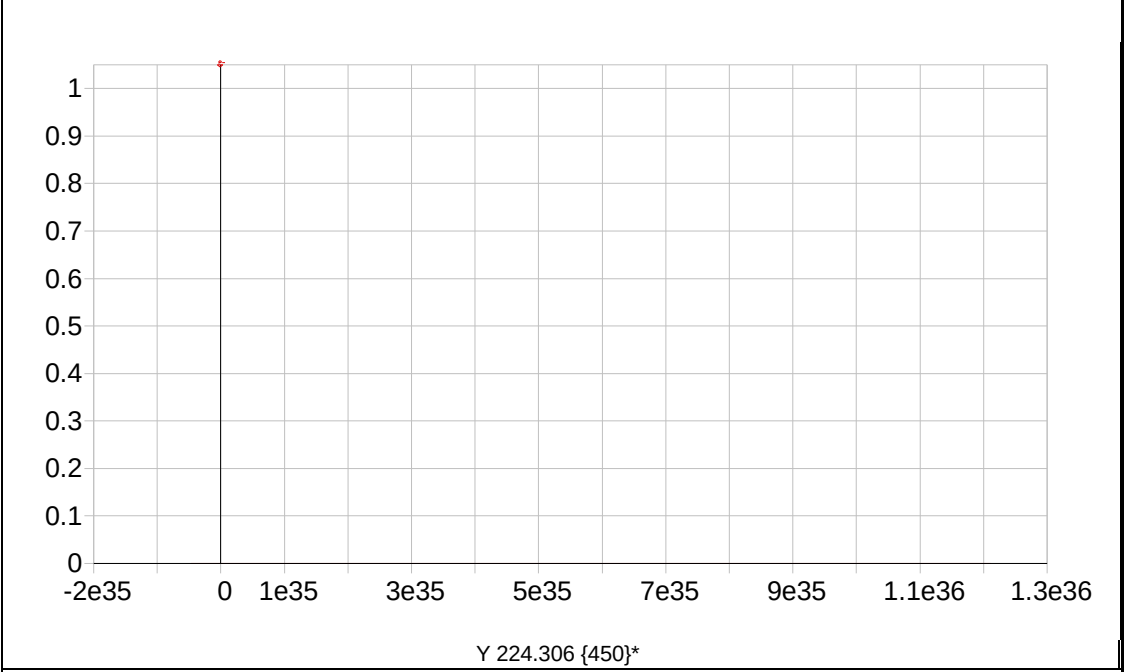
Date of Fit: 8/11/2017 15:47:01 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.004884 Re-Slope: 1.000000
 A1 (Gain): 10.304004 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.964243 Status: OK.
 Std Error of Est: 0.106282
 Predicted MDL: 0.000056
 Predicted MQL: 0.000188

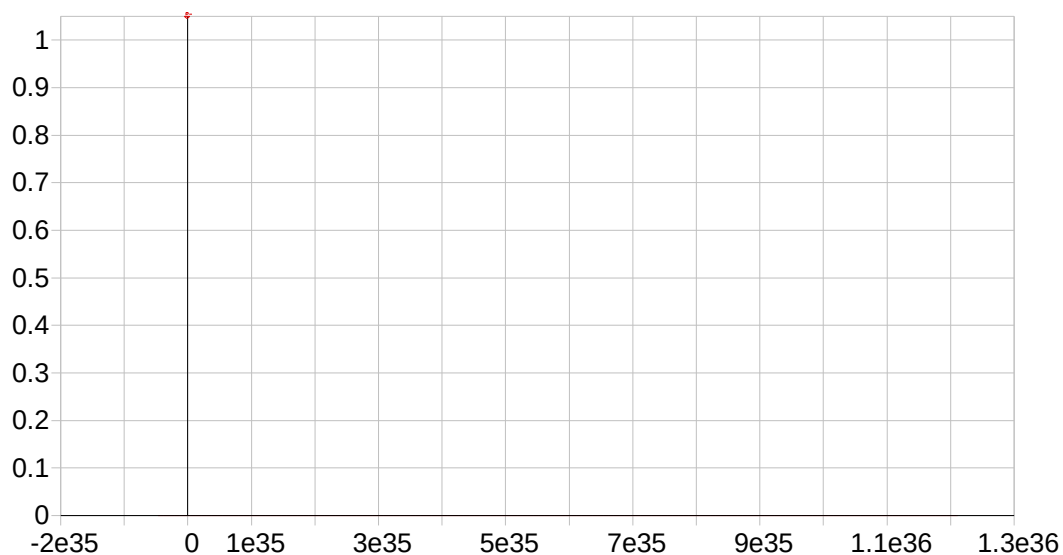
Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00007	.000	.000	.00564	.000	1
S5	10.000	12.518	2.52	25.2	128.99	2.51	1
S4	5.0000	3.8190	-1.18	-23.6	39.355	.263	1
S3	2.5000	1.4976	-1.00	-40.1	15.436	.175	1
S2	1.2500	.95784	-.292	-23.4	9.8745	.073	1
S1	.05000	.00727	-.043	-85.5	.07975	.002	1



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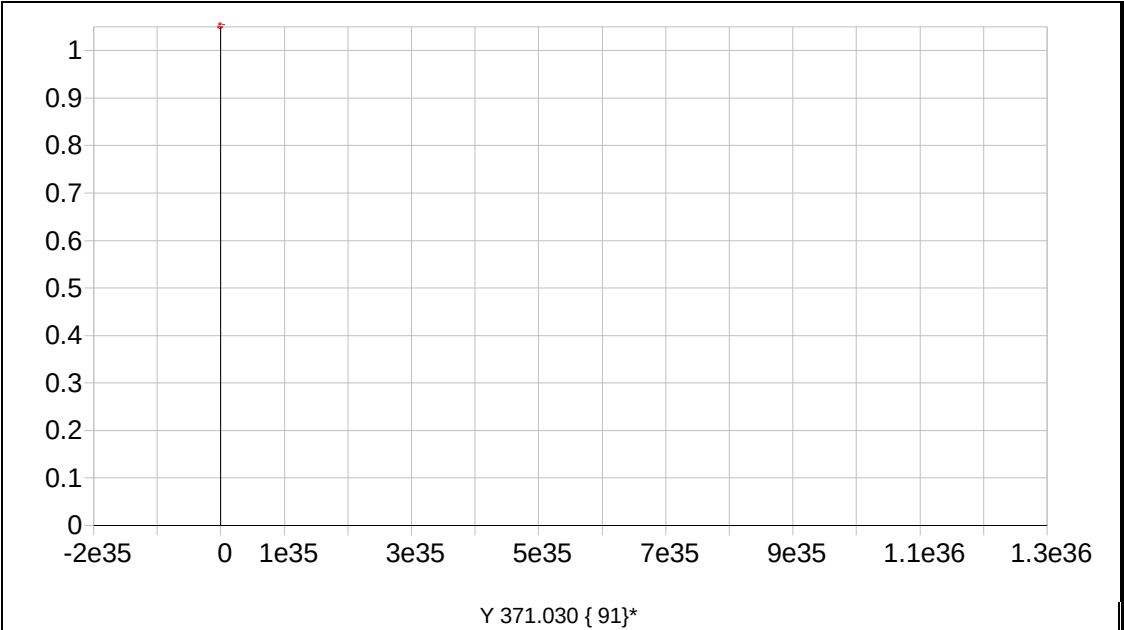


Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
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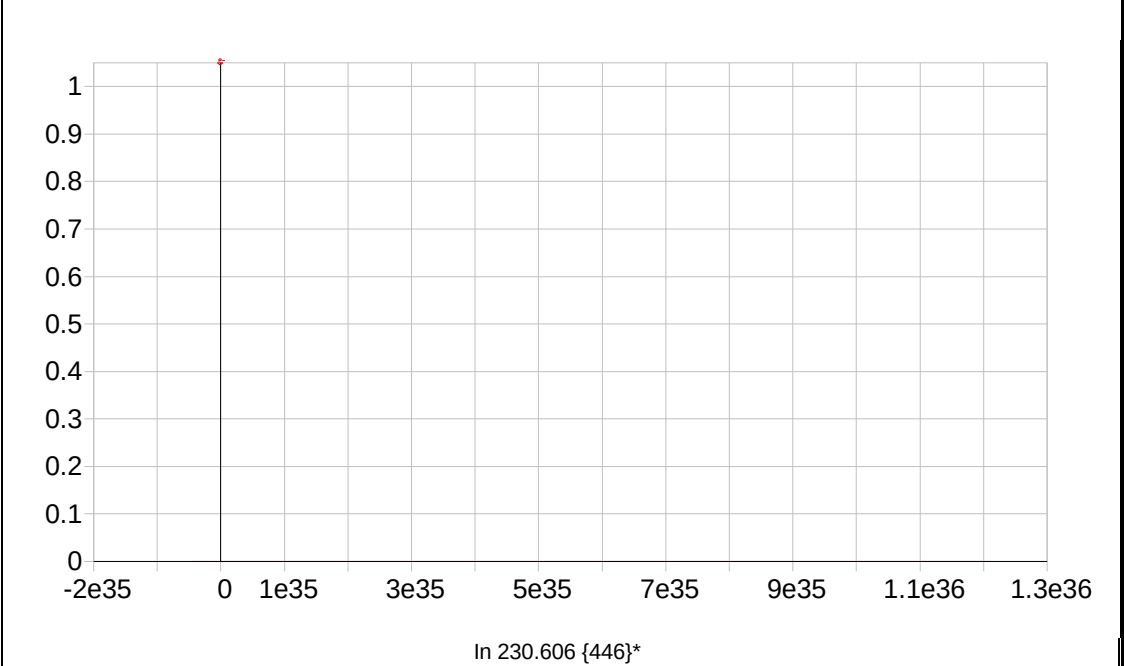
Date of Fit:	<not fit>	Type of Fit:	Linear	Weighting:	1/Conc
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Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
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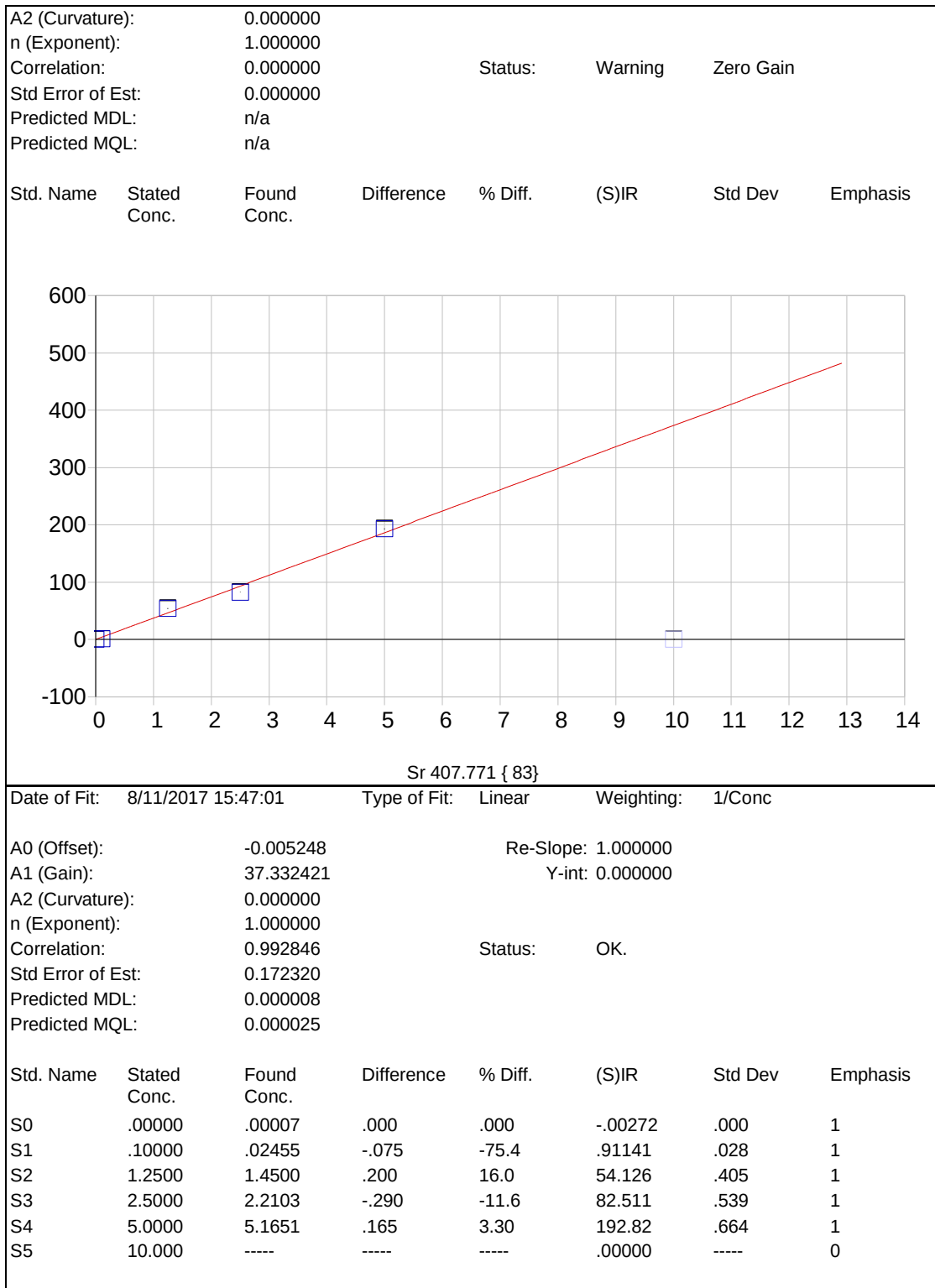


A0 (Offset):	0.000000	Re-Slope: 1.000000
A1 (Gain):	0.000000	Y-int: 0.000000
A2 (Curvature):	0.000000	
n (Exponent):	1.000000	
Correlation:	0.000000	Status: Warning Zero Gain
Std Error of Est:	0.000000	
Predicted MDL:	n/a	
Predicted MQL:	n/a	

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: 8/11/2017 12:54:25 Type: Cal
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v118) 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	-.00033	-.00014	-.00001	.00027	-.00043	.00018	-.05676	-.00044
Stddev	.00014	.00005	.00023	.00018	.00012	.00014	.00139	.00012
%RSD	41.890	37.562	3495.0	66.077	27.109	77.824	2.4541	28.091

#1	-.00042	-.00010	-.00024	.00019	-.00056	.00034	-.05834	-.00031
#2	-.00017	-.00020	.00022	.00047	-.00034	.00011	-.05625	-.00045
#3	-.00040	-.00013	.00000	.00015	-.00039	.00009	-.05570	-.00056

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	-.00019	.00072	.00019	-.00005	.00110	.00007	.00003	.00000
Stddev	.00004	.00013	.00001	.00003	.00005	.00007	.00003	.0001
%RSD	22.541	17.776	7.5481	74.896	4.6497	98.345	77.181	8733.5

#1	-.00024	.00069	.00020	-.00001	.00115	.00015	.00006	.00004
#2	-.00015	.00086	.00020	-.00004	.00109	.00004	.00001	.00003
#3	-.00020	.00061	.00017	-.00008	.00105	.00002	.00004	-.00007

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	-.00045	-.00011	-.00123	-.00015	-.00060	.02394	-.00081	.00017
Stddev	.00012	.00001	.00015	.00009	.00048	.00011	.00006	.00013
%RSD	26.290	6.3315	11.929	58.715	78.878	.48006	7.6407	76.264

#1	-.00058	-.00012	-.00124	-.00023	-.00046	.02397	-.00077	.00009
#2	-.00037	-.00011	-.00137	-.00005	-.00113	.02403	-.00089	.00010
#3	-.00038	-.00011	-.00107	-.00018	-.00022	.02381	-.00078	.00031

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	.00039	.00086	.00127	.00004	.00117	.00564	-.00272	
Stddev	.00007	.00006	.00009	.00004	.00012	.00039	.00022	
%RSD	17.420	7.5696	6.7913	102.02	10.186	6.8655	8.1772	

#1	.00031	.00093	.00123	.00004	.00111	.00554	-.00290	
#2	.00043	.00081	.00137	.00008	.00131	.00531	-.00247	
#3	.00043	.00083	.00121	.00000	.00109	.00607	-.00279	

Sample Name: S0 Acquired: 8/11/2017 12:54:25 Type: Cal
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v118) 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	1035.7	1940.3	50940.	11915.	3671.6
Stddev	4.1	6.1	60.	34.	6.2
%RSD	.39592	.31482	.11716	.28863	.16915
#1	1031.7	1934.5	50875.	11880.	3666.5
#2	1035.5	1946.7	50954.	11917.	3669.8
#3	1039.9	1939.7	50992.	11948.	3678.5

Sample Name: S1 Acquired: 8/11/2017 12:58:37 Type: Cal
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v118) 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	.00029	.00153	.00141	.00222	.01085	.01506	.60976	.00760
Stddev	.00011	.00015	.00020	.00012	.00006	.00059	.01798	.00013
%RSD	39.378	9.6212	14.370	5.1970	.52953	3.9160	2.9490	1.7230

#1	.00041	.00137	.00132	.00223	.01082	.01548	.62103	.00770
#2	.00026	.00166	.00127	.00233	.01092	.01531	.61923	.00765
#3	.00018	.00156	.00164	.00210	.01082	.01439	.58902	.00745

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	.00686	.16347	.00103	.02790	.00715	.00173	.00569	.03147
Stddev	.00009	.00550	.00006	.00003	.00024	.00007	.00017	.00094
%RSD	1.3460	3.3673	6.1684	.10689	3.3886	4.0280	3.0396	2.9778

#1	.00677	.16704	.00099	.02789	.00742	.00172	.00580	.03203
#2	.00687	.16623	.00099	.02787	.00710	.00181	.00578	.03200
#3	.00695	.15713	.00110	.02793	.00694	.00167	.00549	.03039

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	.01504	.00242	.03052	.00416	.02079	.14714	-.00037	.00234
Stddev	.00014	.00005	.00065	.00026	.00062	.00417	.00006	.00008
%RSD	.90711	1.9636	2.1407	6.3671	2.9792	2.8330	16.089	3.3110

#1	.01496	.00239	.03107	.00426	.02016	.15073	-.00031	.00242
#2	.01495	.00240	.03070	.00435	.02139	.14811	-.00038	.00227
#3	.01519	.00248	.02980	.00385	.02081	.14257	-.00043	.00232

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	.00735	.00222	.01892	.00043	.04255	.07975	.91141	
Stddev	.00021	.00001	.00033	.00002	.00139	.00231	.02775	
%RSD	2.9021	.50210	1.7221	4.6673	3.2654	2.8945	3.0449	

#1	.00749	.00221	.01927	.00042	.04349	.08196	.93160	
#2	.00745	.00222	.01884	.00042	.04322	.07992	.92287	
#3	.00710	.00223	.01863	.00045	.04096	.07736	.87977	

Sample Name: S1 Acquired: 8/11/2017 12:58:37 Type: Cal
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v118) 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	1009.6	1910.9	49578.	12027.	3525.4
Stddev	6.6	5.0	54.	336.	10.6
%RSD	.65216	.26127	.10985	2.7932	.30150
#1	1009.7	1916.2	49515.	11753.	3533.6
#2	1002.9	1906.3	49602.	11926.	3529.3
#3	1016.1	1910.2	49616.	12402.	3513.4

Sample Name: S2 Acquired: 8/11/2017 13:02:46 Type: Cal
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v118) 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	.05865	.07814	.91931	.06894	.22751	2.7448	9.4009	.17143
Stddev	.00035	.00021	.00182	.00045	.00023	.0063	.0457	.00162
%RSD	.59135	.26583	.19783	.65410	.09912	.23104	.48670	.94282

#1	.05843	.07813	.92122	.06871	.22739	2.7520	9.4436	.17314
#2	.05905	.07794	.91760	.06946	.22777	2.7402	9.3526	.16993
#3	.05847	.07835	.91913	.06865	.22737	2.7422	9.4065	.17120

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	.82215	2.0230	.33028	.36948	.86868	.57524	1.3020	.38654
Stddev	.00179	.0083	.00118	.00011	.00397	.00102	.0035	.00173
%RSD	.21757	.40988	.35617	.02911	.45717	.17701	.26867	.44720

#1	.82108	2.0138	.32956	.36958	.87283	.57427	1.2996	.38776
#2	.82116	2.0299	.32964	.36948	.86492	.57630	1.3060	.38730
#3	.82422	2.0254	.33164	.36937	.86829	.57514	1.3004	.38456

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	.24808	.07207	.23904	.04908	1.3453	.95063	.23119	.23985
Stddev	.00012	.00041	.00074	.00020	.0168	.00477	.00039	.00148
%RSD	.04659	.56433	.31003	.41441	1.2462	.50216	.16952	.61700

#1	.24801	.07252	.23940	.04889	1.3346	.95511	.23155	.24156
#2	.24822	.07175	.23953	.04905	1.3646	.94561	.23125	.23908
#3	.24802	.07193	.23818	.04929	1.3366	.95116	.23078	.23892

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	.75157	.02224	.22220	.07481	.51572	9.8745	54.126	
Stddev	.00284	.00010	.00073	.00028	.00146	.0726	.405	
%RSD	.37724	.45423	.33076	.37694	.28246	.73516	.74794	

#1	.75203	.02234	.22268	.07455	.51644	9.9583	54.153	
#2	.75416	.02224	.22257	.07511	.51404	9.8322	54.517	
#3	.74854	.02213	.22135	.07478	.51668	9.8329	53.708	

Sample Name: S2 Acquired: 8/11/2017 13:02:46 Type: Cal
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v118) 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	939.09	1755.9	46539.	11538.	2921.9
Stddev	7.83	7.6	186.	71.	9.4
%RSD	.83402	.43255	.40039	.61311	.32054
#1	938.17	1750.4	46409.	11467.	2912.6
#2	931.76	1752.7	46456.	11540.	2921.9
#3	947.34	1764.6	46753.	11609.	2931.3

Sample Name: S3 Acquired: 8/11/2017 13:06:48 Type: Cal
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v118) 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	.11880	.15119	1.8192	.13664	.45595	5.5473	18.341	.33650
Stddev	.00040	.00047	.0010	.00032	.00125	.0310	.096	.00279
%RSD	.33722	.31069	.05342	.23499	.27441	.55868	.52176	.82792

#1	.11866	.15085	1.8189	.13665	.45725	5.5770	18.429	.33715
#2	.11850	.15172	1.8202	.13696	.45476	5.5498	18.354	.33890
#3	.11926	.15099	1.8184	.13632	.45583	5.5152	18.239	.33344

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	1.6555	4.0158	.63628	.73250	1.7190	1.1193	2.5279	.76670
Stddev	.0027	.0053	.00039	.00045	.0108	.0008	.0056	.00269
%RSD	.16582	.13295	.06110	.06149	.63076	.06895	.22334	.35074

#1	1.6529	4.0098	.63626	.73280	1.7312	1.1194	2.5222	.76942
#2	1.6584	4.0174	.63667	.73272	1.7154	1.1201	2.5334	.76404
#3	1.6552	4.0201	.63590	.73198	1.7105	1.1185	2.5282	.76664

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	.49446	.14406	.47567	.09572	2.7706	1.8676	.37315	.46764
Stddev	.00046	.00058	.00296	.00048	.0098	.0134	.00243	.00355
%RSD	.09349	.40404	.62246	.50179	.35337	.71895	.65080	.75949

#1	.49478	.14423	.47848	.09565	2.7637	1.8812	.37071	.47014
#2	.49393	.14455	.47594	.09624	2.7818	1.8672	.37556	.46920
#3	.49468	.14342	.47257	.09529	2.7662	1.8543	.37318	.46357

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	1.4671	.04178	.42713	.15133	1.0166	15.436	82.511	
Stddev	.0007	.00028	.00335	.00077	.0030	.175	.539	
%RSD	.05011	.65881	.78426	.50847	.29736	1.1309	.65376	

#1	1.4679	.04148	.42951	.15050	1.0194	15.614	82.816	
#2	1.4664	.04200	.42859	.15202	1.0168	15.428	82.830	
#3	1.4671	.04187	.42330	.15147	1.0134	15.265	81.889	

Sample Name: S3 Acquired: 8/11/2017 13:06:48 Type: Cal
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v118) 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	912.14	1704.1	45627.	11505.	2718.7
Stddev	6.65	5.6	178.	80.	6.8
%RSD	.72862	.33071	.39089	.69296	.25132
#1	907.09	1698.0	45459.	11443.	2710.8
#2	909.67	1709.2	45608.	11477.	2723.0
#3	919.67	1705.0	45814.	11595.	2722.3

Sample Name: S4 Acquired: 8/11/2017 13:10:49 Type: Cal
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v118) 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	.23985	.29056	3.5844	.27170	.92526	11.375	35.778	.66217
Stddev	.00086	.00033	.0028	.00122	.00583	.033	.238	.00364
%RSD	.35799	.11521	.07860	.44991	.62978	.28858	.66430	.55014

#1	.24023	.29023	3.5871	.27106	.92194	11.349	36.050	.65886
#2	.23887	.29056	3.5815	.27093	.92185	11.364	35.612	.66158
#3	.24046	.29090	3.5846	.27311	.93199	11.412	35.671	.66607

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	3.3128	8.0962	1.2145	1.4649	3.4777	2.1886	4.9477	1.5189
Stddev	.0036	.0134	.0047	.0013	.0083	.0056	.0073	.0040
%RSD	.10895	.16540	.38999	.08835	.23780	.25452	.14743	.26056

#1	3.3117	8.1109	1.2115	1.4639	3.4718	2.1949	4.9561	1.5191
#2	3.3168	8.0848	1.2121	1.4643	3.4741	2.1843	4.9428	1.5149
#3	3.3099	8.0928	1.2200	1.4663	3.4871	2.1867	4.9441	1.5228

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	.97417	.30019	.95285	.18771	5.7075	3.7496	.99615	.89677
Stddev	.00117	.00045	.00257	.00097	.0253	.0044	.00086	.00251
%RSD	.12001	.14839	.27006	.51919	.44241	.11716	.08673	.28044

#1	.97282	.30070	.95025	.18697	5.7047	3.7500	.99515	.89387
#2	.97477	.30002	.95289	.18735	5.7341	3.7450	.99664	.89798
#3	.97492	.29986	.95540	.18882	5.6838	3.7538	.99666	.89844

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	2.8422	.08922	.81330	.30326	1.9949	39.355	192.82	
Stddev	.0095	.00010	.00214	.00059	.0034	.263	.66	
%RSD	.33234	.11175	.26269	.19364	.17153	.66868	.34438	

#1	2.8374	.08930	.81084	.30350	1.9918	39.598	192.18	
#2	2.8362	.08911	.81465	.30259	1.9943	39.076	192.78	
#3	2.8531	.08924	.81442	.30369	1.9986	39.392	193.50	

Sample Name: S4 Acquired: 8/11/2017 13:10:49 Type: Cal
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v118) 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	857.34	1616.4	43758.	11341.	2445.9
Stddev	2.21	7.1	229.	25.	5.3
%RSD	.25780	.44002	.52226	.21842	.21850
#1	856.39	1615.8	43494.	11320.	2442.5
#2	855.77	1623.8	43879.	11368.	2452.1
#3	859.87	1609.6	43899.	11335.	2443.1

Sample Name: S5 Acquired: 8/11/2017 13:15:05 Type: Cal
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v118) 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	.49600	.55148	7.0600	.54401	1.9356	23.614	70.681	1.3159
Stddev	.00134	.00153	.0093	.00085	.0042	.090	.170	.0086
%RSD	.27006	.27673	.13200	.15550	.21542	.38073	.24026	.65286

#1	.49657	.54974	7.0553	.54498	1.9404	23.676	70.815	1.3239
#2	.49447	.55259	7.0540	.54358	1.9333	23.655	70.490	1.3171
#3	.49697	.55211	7.0708	.54346	1.9331	23.511	70.739	1.3068

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	6.4704	16.123	2.2600	2.9023	7.2515	4.2547	9.6351	2.9508
Stddev	.0168	.046	.0019	.0046	.0435	.0153	.0221	.0139
%RSD	.26017	.28236	.08500	.15825	.60063	.36009	.22950	.47107

#1	6.4566	16.143	2.2616	2.8971	7.3014	4.2666	9.6550	2.9656
#2	6.4655	16.071	2.2603	2.9041	7.2320	4.2374	9.6113	2.9380
#3	6.4892	16.155	2.2579	2.9058	7.2211	4.2601	9.6390	2.9487

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	1.8788	.65081	1.9528	.36963	11.946	7.7285	3.2157	1.6899
Stddev	.0045	.00264	.0071	.00214	.038	.0534	.0044	.0113
%RSD	.24084	.40592	.36520	.57947	.31594	.69082	.13714	.66654

#1	1.8747	.64867	1.9606	.37195	11.910	7.7888	3.2106	1.7003
#2	1.8780	.65376	1.9512	.36920	11.944	7.7092	3.2179	1.6915
#3	1.8837	.64999	1.9466	.36773	11.985	7.6874	3.2186	1.6780

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	5.4274	.20427	1.5679	.59574	3.9228	128.99	^ *****
Stddev	.0104	.00035	.0087	.00074	.0106	2.51	-----
%RSD	.19151	.17236	.55444	.12388	.26928	1.9432	-----

#1	5.4390	.20400	1.5720	.59493	3.9350	126.16	^ -----
#2	5.4190	.20415	1.5739	.59592	3.9157	130.93	^ -----
#3	5.4242	.20467	1.5579	.59637	3.9177	129.89	^ -----

Sample Name: S5 Acquired: 8/11/2017 13:15:05 Type: Cal
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v118) 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	759.60	1442.1	40700.	10774.	2059.6
Stddev	1.80	5.7	113.	66.	6.6
%RSD	.23715	.39852	.27827	.61104	.32159
#1	758.49	1437.6	40718.	10702.	2059.7
#2	761.68	1440.0	40803.	10831.	2053.0
#3	758.64	1448.6	40579.	10790.	2066.3

Sample Name: S6 Acquired: 8/11/2017 13:19:24 Type: Cal
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v118) 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	60.836	25.947	11.047	4.5021	5.1926
Stddev	.311	.135	.060	.0172	.0444
%RSD	.51119	.52106	.54440	.38292	.85539

#1	60.547	25.962	11.068	4.5020	5.1579
#2	60.795	26.074	11.094	4.5194	5.1772
#3	61.165	25.805	10.979	4.4849	5.2426

Int. Std.	Y_3710
Units	Cts/S
Avg	10623.
Stddev	10.
%RSD	.09654

#1	10635.
#2	10616.
#3	10619.

Sample Name: ICV Acquired: 8/11/2017 13:30:38 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v118) 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	.9824173	1.125704	1.001345	1.006261	.9660829	2.326033
Stddev	.0057247	.006865	.007128	.004262	.0030248	.003066
%RSD	.5827112	.6098349	.7118805	.4235943	.3130954	.1318324

#1	.9830757	1.132724	1.006112	1.004270	.9664728	2.328746
#2	.9877844	1.125383	1.004772	1.011154	.9688939	2.322706
#3	.9763920	1.119006	.993150	1.003357	.9628821	2.326646

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.5125532	.4861854	.4621605	9.920340	.4988261	.4673248
Stddev	.0028031	.0016087	.0018682	.063399	.0033418	.0010404
%RSD	.5468926	.3308880	.4042350	.6390857	.6699277	.2226329

#1	.5156033	.4880428	.4630644	9.915603	.4958796	.4683595
#2	.5100901	.4852807	.4634048	9.985975	.4981417	.4673362
#3	.5119662	.4852327	.4600123	9.859442	.5024571	.4662787

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.4925289	5.191415	.5336533	6.212263	.4814546	.4848743
Stddev	.0027157	.004219	.0001736	.037151	.0019850	.0004390
%RSD	.5513720	.0812745	.0325349	.5980346	.4122826	.0905383

#1	.4951389	5.195715	.5337158	6.220341	.4836400	.4852393
#2	.4897186	5.191249	.5337870	6.244711	.4809601	.4849965
#3	.4927292	5.187281	.5334571	6.171737	.4797636	.4843872

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	9.747662	.5289405	.9294713	9.594197	F -.004872	F .1477785
Stddev	.094388	.0012315	.0087116	.033293	.000196	.0016453
%RSD	.9683178	.2328216	.9372650	.3470070	4.032356	1.113383

#1	9.854620	.5284185	.9353156	9.615200	-.004824	.1488434
#2	9.712323	.5280560	.9336397	9.555811	-.004704	.1486086
#3	9.676042	.5303470	.9194587	9.611579	-.005088	.1458835

Sample Name: ICV Acquired: 8/11/2017 13:30:38 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v118) 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 .1458059	-.022801	.1446242	F .1242037	.1391783	.0003405
Stddev	.0001791	.005358	.0012021	.0011728	.0005662	.0000291
%RSD	.1228549	23.49933	.8311613	.9442857	.4067945	8.531665

#1	.1458391	-.024435	.1460069	.1240850	.1397039	.0003277
#2	.1456125	-.016816	.1440380	.1230947	.1392520	.0003738
#3	.1459661	-.027152	.1438278	.1254314	.1385788	.0003201

Elem	Sr4077
Units	ppm
Avg	.0026763
Stddev	.0000153
%RSD	.5702964

#1	.0026939
#2	.0026691
#3	.0026660

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	996.9744	1847.954	49174.98	11777.13	3390.713
Stddev	6.5298	3.876	55.94	36.25	10.101
%RSD	.6549612	.2097389	.1137497	.3077988	.2979100

#1	990.1501	1843.548	49118.76	11744.70	3379.701
#2	997.6098	1850.837	49230.63	11770.43	3392.888
#3	1003.163	1849.477	49175.55	11816.26	3399.550

Sample Name: ICB Acquired: 8/11/2017 13:37:50 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v118) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: ICB Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0006359	.0002285	-.000747	.0006201	-.001267	-.000025	-.000812
Stddev	.0031471	.0007682	.001326	.0005856	.001472	.002238	.000240
%RSD	494.8932	336.1837	177.3600	94.42895	116.2168	8873.517	29.58048

#1	-.001903	.0004564	-.000829	.0002310	.000267	-.000412	-.000891
#2	.004157	.0008570	-.002031	.0003358	-.001398	.002381	-.000542
#3	-.000347	-.000628	.000617	.0012935	-.002669	-.002045	-.001003

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0000138	-.000066	-.001250	-.001889	-.000462	.0001319	-.004295
Stddev	.0000846	.000013	.005638	.000124	.000294	.0007062	.005762
%RSD	612.4688	19.31649	451.2096	6.586198	63.60050	535.4174	134.1637

#1	.0000509	-.000065	-.006762	-.001948	-.000696	-.000040	-.008425
#2	-.000083	-.000079	.004507	-.001974	-.000132	-.000473	.002288
#3	.000073	-.000054	-.001494	-.001747	-.000557	.000908	-.006748

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000110	-.020429	.0000800	-.000087	-.047252	.0004024	.0017748
Stddev	.000223	.015061	.0003605	.000044	.053546	.0011891	.0004151
%RSD	203.3060	73.72119	450.6399	50.28805	113.3196	295.4655	23.39153

#1	-.000018	-.022049	.0000076	-.000090	-.050609	-.000914	.0014137
#2	-.000364	-.034615	.0004712	-.000129	-.099041	.000722	.0016822
#3	.000053	-.004624	-.000239	-.000041	.007893	.001399	.0022284

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.037815	-.000070	.0025790	-.000577	-.025024	.0007078	.0004391
Stddev	.008336	.000224	.0009932	.000474	.001750	.0003154	.0014329
%RSD	22.04431	321.2276	38.50977	82.26314	6.991907	44.56024	326.2855

#1	-.032896	-.000178	.0017047	-.001052	-.023842	.0008402	-.001175
#2	-.047440	.000188	.0023735	-.000574	-.027034	.0009354	.000929
#3	-.033108	-.000219	.0036589	-.000104	-.024196	.0003478	.001562

Sample Name: ICB Acquired: 8/11/2017 13:37:50 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v118) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: ICB Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.0000965	.0001241	.0000650
Stddev	.0007195	.0000049	.0000014
%RSD	745.4435	3.970246	2.083857

#1	.0004145	.0001185	.0000643
#2	.0006022	.0001260	.0000666
#3	-.000727	.0001278	.0000641

Int. Std.	Y_ 2243	Y_ 2243	Y_ 3600	Y_ 3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1028.150	1908.508	50768.81	11872.42	3661.426
Stddev	.611	12.205	52.36	49.79	16.832
%RSD	.0594073	.6395195	.1031317	.4193488	.4597039

#1	1027.454	1894.694	50776.21	11823.55	3647.929
#2	1028.396	1912.995	50817.07	11923.08	3656.064
#3	1028.599	1917.834	50713.14	11870.64	3680.286

Sample Name: ICSA Acquired: 8/11/2017 13:42:00 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v118) 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	.0011456	-.012091	.0013919	-.018698	.0011504	235.6190
Stddev	.0019253	.002907	.0020968	.007462	.0016258	3.6378
%RSD	168.0553	24.04665	150.6450	39.90901	141.3291	1.543923

#1	-.000676	-.014601	.0020569	-.010719	.0024543	231.5305
#2	.000952	-.008905	-.000957	-.019869	.0016681	236.8289
#3	.003160	-.012766	.003075	-.025505	-.000671	238.4977

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0044775	.0008150	.0015364	245.3324	.0420646	-.000834
Stddev	.0001414	.0002295	.0001252	4.5213	.0003999	.000213
%RSD	3.157589	28.16481	8.148457	1.842942	.9506537	25.54160

#1	.0043239	.0006304	.0016807	240.2349	.0425177	-.000929
#2	.0045065	.0010720	.0014571	246.9045	.0417610	-.000590
#3	.0046022	.0007426	.0014713	248.8579	.0419150	-.000984

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0209852	97.64221	.0144865	259.8164	.0000744	.0002529
Stddev	.0009965	1.67906	.0002174	4.1526	.0015502	.0002890
%RSD	4.748412	1.719609	1.500989	1.598276	2083.315	114.2716

#1	.0215618	95.74333	.0147259	255.1356	-.000287	.0000600
#2	.0215592	98.25261	.0143013	261.2562	-.001263	.0001136
#3	.0198346	98.93068	.0144324	263.0575	.001773	.0005853

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.5374970	.0031055	.0039405	-.155936	-.015269	F -.284732
Stddev	.0930612	.0016783	.0011627	.026166	.000248	.006225
%RSD	17.31382	54.04439	29.50681	16.77994	1.627473	2.186333

#1	.4415298	.0044408	.0028914	-.185457	-.015027	-.278143
#2	.5436104	.0036543	.0051906	-.135605	-.015524	-.290515
#3	.6273509	.0012215	.0037394	-.146745	-.015255	-.285537

Sample Name: ICSA Acquired: 8/11/2017 13:42:00 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v118) 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	-.000799	-.013523	-.004467	-.000870	.0003496	.0006332
Stddev	.001075	.002075	.002092	.000422	.0005515	.0000135
%RSD	134.4870	15.34502	46.82068	48.52112	157.7724	2.129274

#1	.000288	-.011493	-.005694	-.000702	.0008107	.0006181
#2	-.000825	-.013434	-.005656	-.001350	-.000261	.0006373
#3	-.001861	-.015641	-.002052	-.000558	.000499	.0006441

Elem	Sr4077
Units	ppm
Avg	.0216184
Stddev	.0003436
%RSD	1.589255

#1	.0212241
#2	.0217777
#3	.0218534

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	914.8619	1696.138	44866.67	11477.61	2678.502
Stddev	9.7618	9.967	186.62	120.67	11.140
%RSD	1.067025	.5876140	.4159540	1.051369	.4158925

#1	920.3312	1688.882	44936.33	11616.42	2667.463
#2	920.6630	1692.031	45008.45	11418.76	2678.303
#3	903.5916	1707.502	44655.24	11397.66	2689.740

Sample Name: ICSAB Acquired: 8/11/2017 13:46:05 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v118) 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	.0975814	.1059647	.0517332	.0284848	.5914492	246.3059
Stddev	.0053244	.0020160	.0035849	.0051278	.0005676	1.3738
%RSD	5.456353	1.902494	6.929500	18.00207	.0959722	.5577808

#1	.0927591	.1036594	.0486901	.0237203	.5918736	245.2721
#2	.0966898	.1068373	.0556849	.0278224	.5916695	247.8649
#3	.1032953	.1073974	.0508246	.0339117	.5908044	245.7808

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.5224149	.4951942	.9972765	256.3299	.5237512	.4981993
Stddev	.0020450	.0038050	.0029991	.7942	.0012517	.0012684
%RSD	.3914496	.7683872	.3007253	.3098340	.2389804	.2546051

#1	.5212381	.4958813	.9943711	257.2022	.5251889	.4980726
#2	.5247762	.4986087	1.000361	256.1387	.5231600	.4995264
#3	.5212303	.4910924	.997097	255.6487	.5229046	.4969990

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.5260703	101.8025	.5479461	271.8712	1.001238	.2140206
Stddev	.0021409	.2610	.0024963	1.2450	.001390	.0002484
%RSD	.4069652	.2563458	.4555741	.4579433	.1388020	.1160854

#1	.5241072	101.9172	.5453043	271.6854	.999633	.2138547
#2	.5283531	101.9866	.5502656	273.1987	1.002048	.2139008
#3	.5257506	101.5039	.5482685	270.7296	1.002033	.2143062

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.6295104	.5294089	1.012281	-.156603	-.015782	F -.140951
Stddev	.0573410	.0039037	.009809	.009257	.000374	.001544
%RSD	9.108828	.7373680	.9689576	5.911306	2.368633	1.095717

#1	.5797777	.5280414	1.006781	-.159045	-.015470	-.139744
#2	.6922316	.5338123	1.006456	-.146370	-.016196	-.142692
#3	.6165220	.5263729	1.023605	-.164395	-.015679	-.140418

Sample Name: ICSAB Acquired: 8/11/2017 13:46:05 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v118) 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	F .1387438	.0219368	.1318454	F .1376439	.1425178	.0066332
Stddev	.0011471	.0046957	.0030543	.0054348	.0007953	.0000868
%RSD	.8267680	21.40537	2.316568	3.948477	.5580666	1.308240

#1	.1379795	.0194221	.1332528	.1327852	.1416002	.0065759
#2	.1381890	.0190341	.1339424	.1435131	.1429439	.0067330
#3	.1400628	.0273543	.1283412	.1366334	.1430093	.0065906

Elem	Sr4077
Units	ppm
Avg	.0319730
Stddev	.0001916
%RSD	.5993612

#1	.0317976
#2	.0321775
#3	.0319439

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	897.8497	1683.032	44672.10	11321.60	2646.118
Stddev	.6524	5.775	60.82	74.51	4.461
%RSD	.0726617	.3431443	.1361467	.6581629	.1685848

#1	897.3068	1678.446	44714.16	11321.44	2641.602
#2	898.5734	1689.518	44602.37	11247.17	2650.521
#3	897.6689	1681.132	44699.78	11396.19	2646.231

Sample Name: CCV005 Acquired: 8/11/2017 13:50:05 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v118) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: CCV005 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.851436	4.603308	23.37612	4.674757	4.797047	391.4978
Stddev	.041778	.038120	.14671	.040173	.053236	1.4636
%RSD	.8611525	.8280897	.6276110	.8593662	1.109767	.3738433

#1	4.884958	4.627603	23.44887	4.709094	4.855210	390.0859
#2	4.864719	4.622947	23.47225	4.684600	4.785196	393.0081
#3	4.804631	4.559373	23.20726	4.630577	4.750736	391.3993

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	9.658291	.4836438	2.419072	396.5521	14.23992	2.397686
Stddev	.071396	.0030635	.012451	.3433	.08900	.013737
%RSD	.7392231	.6334194	.5147100	.0865650	.6250305	.5729190

#1	9.721152	.4871494	2.419760	396.9480	14.34025	2.402938
#2	9.673054	.4823007	2.431165	396.3366	14.17046	2.408021
#3	9.580667	.4814812	2.406291	396.3717	14.20905	2.382097

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	14.77014	392.1397	14.38228	399.8601	2.358512	1.294029
Stddev	.02251	.5125	.01685	.2925	.013296	.001642
%RSD	.1524350	.1306841	.1171510	.0731472	.5637330	.1268732

#1	14.74416	392.7291	14.39837	400.1954	2.368790	1.293795
#2	14.78405	391.7994	14.38371	399.6574	2.363250	1.292516
#3	14.78220	391.8906	14.36476	399.7275	2.343497	1.295775

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	389.6574	2.397028	15.96761	146.0092	F 6.107607	F 3.969626
Stddev	1.1886	.015127	.15138	.3774	.046696	.014266
%RSD	.3050333	.6310750	.9480637	.2584948	.7645504	.3593689

#1	388.2850	2.387144	15.79488	145.5928	6.134536	3.986097
#2	390.3321	2.414442	16.07722	146.3288	6.134599	3.961557
#3	390.3552	2.389498	16.03072	146.1059	6.053688	3.961224

Sample Name: CCV005 Acquired: 8/11/2017 13:50:05 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v118) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: CCV005 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.693255	5.058548	4.691615	4.750124	4.786245	5.871972
Stddev	.039579	.034739	.027086	.026744	.005315	.113162
%RSD	.8433129	.6867357	.5773353	.5630224	.1110400	1.927161

#1	4.727958	5.059079	4.722632	4.764147	4.781013	5.884664
#2	4.701658	5.093018	4.672626	4.766940	4.786084	5.752999
#3	4.650150	5.023547	4.679587	4.719284	4.791639	5.978254

Elem	Sr4077
Units	ppm
Avg	7.564869
Stddev	.017836
%RSD	.2357770

#1	7.569727
#2	7.545108
#3	7.579774

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	806.0284	1522.106	41558.74	10973.51	2175.928
Stddev	5.3052	22.947	83.80	12.90	27.707
%RSD	.6581906	1.507603	.2016470	.1175485	1.273331

#1	811.9565	1496.420	41655.37	10960.09	2145.940
#2	801.7270	1529.314	41514.75	10974.64	2181.268
#3	804.4016	1540.584	41506.09	10985.81	2200.576

Sample Name: CCB005 Acquired: 8/11/2017 13:54:27 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v118) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: CCB005 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0019707	.0004522	-.000866	.0011881	-.000123	.0021593	-.000162
Stddev	.0027971	.0031606	.001134	.0031152	.000409	.0009264	.000140
%RSD	141.9285	698.9250	130.9287	262.1988	333.5006	42.90440	86.62217

#1	-.000478	.0036497	-.002020	.0001900	.000029	.0031023	-.000188
#2	.005019	-.002670	.000247	.0046801	-.000586	.0012503	-.000010
#3	.001372	.000377	-.000825	-.001306	.000189	.0021253	-.000287

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000059	.0000090	.0061983	-.001952	-.000154	.0001952	-.000182
Stddev	.000053	.0000773	.0043292	.000035	.000005	.0003178	.004367
%RSD	89.55091	857.3177	69.84531	1.806630	3.557414	162.8116	2403.577

#1	-.000115	.0000769	.0024158	-.001959	-.000151	-.000098	.004858
#2	-.000010	-.000075	.0109200	-.001913	-.000160	.000151	-.002545
#3	-.000052	.000025	.0052591	-.001983	-.000151	.000533	-.002858

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000085	-.015903	-.000016	-.000014	-.028009	-.000356	.0008806
Stddev	.000383	.002445	.000016	.000107	.047411	.000644	.0005934
%RSD	450.6254	15.37418	101.4424	788.2652	169.2699	180.7779	67.38425

#1	-.000498	-.018719	-.000011	.000056	-.013097	.000041	.0006718
#2	-.000013	-.014315	-.000033	.000040	-.081083	-.001099	.0004198
#3	.000257	-.014677	-.000002	-.000137	.010153	-.000011	.0015502

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.005051	-.000142	.0061820	.0000231	-.029843	.0002926	.0003787
Stddev	.009925	.000355	.0008257	.0001527	.000802	.0007506	.0010041
%RSD	196.4940	249.9852	13.35730	660.8975	2.687182	256.5654	265.1422

#1	-.016473	.000203	.0070894	.0001908	-.028917	.0006219	.0006498
#2	-.000162	-.000507	.0054747	-.000013	-.030289	.0008222	.0012194
#3	.001481	-.000122	.0059819	-.000108	-.030323	-.000566	-.000733

Sample Name: CCB005 Acquired: 8/11/2017 13:54:27 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v118) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: CCB005 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.0001648	.0003790	.0000914
Stddev	.0001803	.0000385	.0000068
%RSD	109.4212	10.16434	7.396318

#1	.0002579	.0003346	.0000937
#2	.0002795	.0003990	.0000967
#3	-.000043	.0004034	.0000838

Int. Std.	Y_ 2243	Y_ 2243	Y_ 3600	Y_ 3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1038.067	1941.031	51402.04	12093.87	3696.992
Stddev	6.991	7.800	151.04	14.84	9.545
%RSD	.6734737	.4018332	.2938397	.1227379	.2581924

#1	1031.588	1939.148	51249.12	12101.90	3692.163
#2	1045.477	1934.345	51551.13	12076.74	3690.825
#3	1037.134	1949.600	51405.85	12102.96	3707.987

Sample Name: PB101445BL Acquired: 8/11/2017 14:18:01 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v118) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: PBW001 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0012449	.0008381	-.000481	.0018526	-.000670	.0005274	-.000618
Stddev	.0015786	.0006667	.001403	.0013013	.001437	.0004590	.000193
%RSD	126.8022	79.54605	291.5773	70.24206	214.4959	87.02595	31.24141

#1	.0008408	.0011735	-.001846	.0017638	-.001071	.0000398	-.000553
#2	.0029863	.0012704	-.000553	.0005979	-.001863	.0009509	-.000835
#3	-.000092	.0000703	.000956	.0031960	.000925	.0005914	-.000466

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000006	-.000074	.0001581	-.001226	-.000071	.0006380	-.002378
Stddev	.000066	.000036	.0024097	.000277	.000035	.0003975	.005933
%RSD	1139.546	48.56751	1524.604	22.58187	49.18162	62.30593	249.5451

#1	.000037	-.000062	.0028483	-.001540	-.000050	.0010418	.004141
#2	.000028	-.000046	-.000572	-.001122	-.000111	.0002472	-.007464
#3	-.000082	-.000115	-.001802	-.001017	-.000051	.0006249	-.003810

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000097	-.005722	.0000714	.0000629	.0305928	.0016531	.0006607
Stddev	.000112	.003841	.0001832	.0000720	.0298071	.0026409	.0008480
%RSD	115.2810	67.12969	256.7045	114.5075	97.43158	159.7595	128.3522

#1	-.000159	-.008962	-.000137	.0001418	.0040592	.0047023	.0008218
#2	.000032	-.001479	.000145	.0000464	.0248745	.0000967	.0014167
#3	-.000165	-.006725	.000206	.0000006	.0628448	.0001602	-.000256

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.031640	.0000832	.0036042	-.000180	-.023879	-.000017	-.000336
Stddev	.017962	.0004968	.0005481	.000265	.001127	.000832	.000700
%RSD	56.76937	597.1887	15.20581	146.9567	4.718580	4781.033	208.2287

#1	-.010964	-.000123	.0040971	-.000199	-.024657	-.000487	-.000738
#2	-.043394	-.000277	.0037016	.000094	-.024392	-.000509	.000472
#3	-.040561	.000650	.0030140	-.000435	-.022587	.000943	-.000744

Sample Name: PB101445BL Acquired: 8/11/2017 14:18:01 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v118) Mode: CONC Corr. Factor: 1.000000
 User: JASWAL Custom ID1: PBW001 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	-.000191	.0000844	.0000741
Stddev	.000468	.0000427	.0000030
%RSD	245.0681	50.51919	4.078116

#1	.000341	.0000495	.0000722
#2	-.000372	.0000718	.0000776
#3	-.000541	.0001320	.0000726

Int. Std.	Y_ 2243	Y_ 2243	Y_ 3600	Y_ 3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1044.146	1943.789	50997.45	11962.95	3706.729
Stddev	6.414	9.250	80.73	58.86	10.869
%RSD	.6142892	.4758851	.1583108	.4920556	.2932239

#1	1051.540	1940.535	51077.17	11916.46	3705.083
#2	1040.068	1936.605	50915.73	11943.24	3696.778
#3	1040.832	1954.226	50999.44	12029.14	3718.328

Sample Name: PB101445BS Acquired: 8/11/2017 14:22:11 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v118) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: LCS001 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0208159	.0618809	.0218739	.0742481	.1257613	.4075926
Stddev	.0027133	.0015754	.0022149	.0032763	.0010745	.0018595
%RSD	13.03459	2.545826	10.12594	4.412702	.8544070	.4562107

#1	.0187337	.0606798	.0212987	.0758755	.1263707	.4073885
#2	.0238844	.0636646	.0200032	.0704767	.1263925	.4058435
#3	.0198297	.0612983	.0243196	.0763922	.1245206	.4095456

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.3800476	.0121090	.0104309	9.908000	.0202262	.0952886
Stddev	.0023981	.0000891	.0000964	.018551	.0004533	.0005725
%RSD	.6310005	.7357555	.9238053	.1872278	2.241075	.6007879

#1	.3773800	.0120450	.0103253	9.887121	.0200610	.0946291
#2	.3807382	.0122107	.0105142	9.914295	.0207389	.0956576
#3	.3820246	.0120712	.0104531	9.922584	.0198787	.0955792

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0524237	.2236577	.0340043	10.83163	.0802854	.0230708
Stddev	.0005777	.0016780	.0002817	.07014	.0006109	.0001445
%RSD	1.101949	.7502359	.8283792	.6475361	.7609725	.6262070

#1	.0520256	.2228885	.0341283	10.78969	.0796635	.0229759
#2	.0530863	.2255824	.0336819	10.79260	.0803078	.0229993
#3	.0521593	.2225022	.0342028	10.91260	.0808848	.0232370

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	10.01873	.1094780	.1188022	9.277978	F .0035994	F .0265679
Stddev	.01122	.0011233	.0006715	.096847	.0003425	.0006076
%RSD	.1119953	1.026079	.5652428	1.043843	9.516606	2.286899

#1	10.00836	.1084416	.1190123	9.192815	.0033113	.0268094
#2	10.01718	.1093207	.1180507	9.257793	.0039781	.0258768
#3	10.03064	.1106717	.1193435	9.383328	.0035087	.0270177

Sample Name: PB101445BS Acquired: 8/11/2017 14:22:11 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v118) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: LCS001 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0243306	.1505984	.2220834	F .0141786	.2113430	.0148619
Stddev	.0004778	.0025324	.0015045	.0010743	.0006731	.0000774
%RSD	1.963981	1.681533	.6774294	7.576716	.3184806	.5207991

#1	.0238082	.1497706	.2213416	.0145777	.2121188	.0148256
#2	.0247457	.1485835	.2210940	.0129619	.2109141	.0148094
#3	.0244378	.1534410	.2238147	.0149962	.2109961	.0149508

Elem	Sr4077
Units	ppm
Avg	.0493920
Stddev	.0000819
%RSD	.1657872

#1	.0492975
#2	.0494375
#3	.0494411

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	996.9696	1818.738	49146.37	11947.13	3406.340
Stddev	3.1406	11.871	57.75	34.39	13.216
%RSD	.3150106	.6527089	.1175031	.2878223	.3879937

#1	997.3061	1817.554	49080.61	11985.30	3410.301
#2	999.9284	1831.156	49169.69	11918.58	3417.123
#3	993.6744	1807.502	49188.81	11937.50	3391.596

Sample Name: PB101446BL Acquired: 8/11/2017 14:26:20 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v118) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: PBW001 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0000117	.0003435	-.000943	.0015516	-.000090	-.000288	-.000368
Stddev	.0006873	.0016902	.001601	.0010747	.000663	.001141	.000146
%RSD	5901.747	492.1236	169.7846	69.26503	733.3843	396.6521	39.77519

#1	-.000759	-.000898	-.000696	.0024278	.000669	.000853	-.000270
#2	.000233	.002268	-.002653	.0018745	-.000388	-.001430	-.000298
#3	.000561	-.000340	.000520	.0003524	-.000553	-.000286	-.000536

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000006	-.000060	-.004261	-.001695	-.000087	.0003532	-.004084
Stddev	.000029	.000037	.003711	.000287	.000329	.0001821	.004719
%RSD	487.4631	60.85934	87.09867	16.90747	376.3880	51.56716	115.5602

#1	-.000004	-.000101	-.000326	-.001371	-.000317	.0001502	.001284
#2	-.000036	-.000047	-.007699	-.001799	-.000234	.0005024	-.007580
#3	.000022	-.000032	-.004758	-.001916	.000289	.0004070	-.005955

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000080	-.003957	.0003454	.0000818	.0570576	.0011374	-.001211
Stddev	.000190	.012967	.0003006	.0001231	.0673418	.0037241	.000871
%RSD	237.2010	327.6884	87.01712	150.4916	118.0243	327.4223	71.96478

#1	.000122	.010917	.0006013	.0001871	-.015754	-.003163	-.001653
#2	-.000108	-.012884	.0000144	.0001117	.069824	.003284	-.000207
#3	-.000254	-.009904	.0004205	-.000053	.117103	.003291	-.001771

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.028311	-.000344	.0025791	-.000055	-.025021	.0000540	-.001202
Stddev	.022969	.000293	.0003737	.000122	.004621	.0005649	.000119
%RSD	81.12999	85.05823	14.49015	221.9137	18.46744	1046.158	9.911703

#1	-.047027	-.000047	.0030086	.000043	-.028922	-.000060	-.001169
#2	-.002679	-.000632	.0023287	-.000191	-.026222	.000667	-.001335
#3	-.035227	-.000353	.0023999	-.000016	-.019918	-.000445	-.001103

Sample Name: PB101446BL Acquired: 8/11/2017 14:26:20 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v118) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: PBW001 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	-.000172	-.000000	.0000653
Stddev	.000509	.000032	.0000026
%RSD	296.2140	16935.09	3.971539

#1	-.000657	.000020	.0000638
#2	-.000216	.000017	.0000683
#3	.000358	-.000037	.0000638

Int. Std.	Y_ 2243	Y_ 2243	Y_ 3600	Y_ 3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1027.761	1925.458	50754.76	11940.56	3686.898
Stddev	4.607	16.484	263.16	11.83	12.639
%RSD	.4482638	.8560887	.5184875	.0990765	.3428203

#1	1023.070	1906.966	50522.15	11926.91	3672.713
#2	1032.280	1930.799	50701.74	11947.83	3691.019
#3	1027.933	1938.608	51040.39	11946.95	3696.963

Sample Name: PB101446BS Acquired: 8/11/2017 14:30:32 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v118) Mode: CONC Corr. Factor: 1.000000
 User: JASWAL Custom ID1: LCS001 Custom ID2: Custom ID3:
 Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0190790	.0625438	.0222379	.0756742	.1249478	.4030570
Stddev	.0043408	.0011436	.0011709	.0033426	.0026061	.0036253
%RSD	22.75157	1.828503	5.265219	4.417110	2.085775	.8994492

#1	.0211213	.0625250	.0228882	.0781980	.1224136	.4015722
#2	.0220219	.0614096	.0229392	.0718833	.1276204	.4004098
#3	.0140937	.0636966	.0208862	.0769413	.1248096	.4071890

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.3767523	.0120167	.0104283	9.843240	.0203716	.0945960
Stddev	.0014335	.0000473	.0001987	.012951	.0005365	.0004964
%RSD	.3804840	.3932542	1.905273	.1315699	2.633592	.5248072

#1	.3752799	.0119849	.0102055	9.858181	.0207010	.0940370
#2	.3781434	.0120710	.0105873	9.835225	.0197525	.0949857
#3	.3768337	.0119942	.0104920	9.836315	.0206613	.0947653

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0525042	.2219973	.0336604	10.76141	.0803828	.0225180
Stddev	.0006682	.0043282	.0003959	.02340	.0002654	.0001101
%RSD	1.272600	1.949648	1.176098	.2174817	.3301644	.4887278

#1	.0521724	.2177715	.0334287	10.74057	.0800814	.0225614
#2	.0532733	.2217992	.0334350	10.78673	.0804859	.0225998
#3	.0520669	.2264211	.0341175	10.75694	.0805812	.0223929

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	10.03736	.1078666	.1205360	9.124847	F .0034566	F .0256387
Stddev	.11748	.0007878	.0018525	.084517	.0000375	.0010626
%RSD	1.170415	.7303679	1.536887	.9262323	1.085304	4.144509

#1	9.95494	.1073179	.1198659	9.030502	.0034252	.0251148
#2	10.17188	.1087693	.1191119	9.150401	.0034981	.0268616
#3	9.98526	.1075126	.1226304	9.193639	.0034463	.0249399

Sample Name: PB101446BS Acquired: 8/11/2017 14:30:32 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v118) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: LCS001 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0245038	.1531556	.2190348	F .0134142	.2078367	.0145981
Stddev	.0003029	.0030583	.0020797	.0005258	.0007776	.0000588
%RSD	1.236316	1.996839	.9494815	3.919414	.3741615	.4027709

#1	.0241620	.1565769	.2166336	.0128464	.2069517	.0145338
#2	.0247389	.1522024	.2202589	.0135119	.2081472	.0146113
#3	.0246106	.1506874	.2202120	.0138843	.2084110	.0146492

Elem	Sr4077
Units	ppm
Avg	.0489569
Stddev	.0000698
%RSD	.1425065

#1	.0488789
#2	.0490132
#3	.0489787

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	994.7376	1836.142	49315.06	12012.76	3419.153
Stddev	10.7919	4.808	179.03	9.09	3.071
%RSD	1.084898	.2618405	.3630396	.0756735	.0898142

#1	1006.775	1836.172	49465.98	12023.19	3419.993
#2	991.508	1831.319	49117.25	12008.56	3415.750
#3	985.929	1840.934	49361.94	12006.52	3421.717

Sample Name: I4634-01 Acquired: 8/11/2017 14:34:41 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v118) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MC0AA0 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0014497	-.004517	.0033305	.0089391	-.001488	.0716931	.0183711
Stddev	.0024333	.003219	.0005383	.0016892	.001584	.0025114	.0001387
%RSD	167.8477	71.26810	16.16378	18.89662	106.4996	3.502979	.7547335

#1	.0035155	-.006976	.0027409	.0086087	-.001220	.0745674	.0182693
#2	.0020661	-.005701	.0037958	.0074395	-.003189	.0705887	.0183151
#3	-.001233	-.000873	.0034547	.0107691	-.000054	.0699231	.0185290

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000282	-.000039	20.24436	-.001598	.1563144	.0023355	2.411146
Stddev	.000023	.000132	.10317	.000184	.0007433	.0004630	.011061
%RSD	8.211823	333.7202	.5096472	11.48536	.4755360	19.82580	.4587377

#1	-.000260	-.000164	20.24375	-.001780	.1555879	.0028511	2.423917
#2	-.000306	.000098	20.34784	-.001602	.1570735	.0019554	2.404676
#3	-.000281	-.000053	20.14149	-.001412	.1562817	.0021998	2.404844

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.933722	5.166151	.0196981	.0000155	194.6327	-.004055	.0150768
Stddev	.018844	.009930	.0004693	.0001326	.6137	.000353	.0023897
%RSD	.3819497	.1922116	2.382654	852.6854	.3153098	8.702965	15.85006

#1	4.923455	5.156901	.0200170	.0000031	195.2986	-.004129	.0127792
#2	4.955471	5.176644	.0199181	.0001539	194.5097	-.004366	.0149023
#3	4.922242	5.164909	.0191592	-.000110	194.0898	-.003671	.0175490

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	3.238941	.0022778	.0439913	-.000649	101.6563	5.985937	-.000442
Stddev	.027305	.0006195	.0017156	.000196	.6792	.018880	.000409
%RSD	.8430105	27.19862	3.899919	30.26623	.6681493	.3153985	92.48738

#1	3.267662	.0027432	.0456063	-.000611	100.8764	5.994772	-.000433
#2	3.235843	.0025157	.0421902	-.000473	102.1182	5.998780	-.000855
#3	3.213317	.0015746	.0441772	-.000861	101.9743	5.964260	-.000038

Sample Name: I4634-01 Acquired: 8/11/2017 14:34:41 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v118) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MC0AA0 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.0005133	.0006306	.0257760
Stddev	.0001812	.0000137	.0000417
%RSD	35.30698	2.167154	.1618968

#1	.0005204	.0006295	.0257454
#2	.0003287	.0006447	.0258235
#3	.0006909	.0006175	.0257590

Int. Std.	Y_ 2243	Y_ 2243	Y_ 3600	Y_ 3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	938.0544	1745.194	46486.81	11886.99	3004.206
Stddev	10.8349	3.548	152.79	29.70	5.977
%RSD	1.155045	.2033277	.3286793	.2498940	.1989703

#1	950.0000	1742.513	46648.41	11920.70	3010.686
#2	935.3022	1749.218	46344.70	11875.63	3003.023
#3	928.8609	1743.851	46467.33	11864.64	2998.908

Sample Name: I4634-02 Acquired: 8/11/2017 14:38:48 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v118) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MC0AA1 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0012415	-.033142	.0004718	-.019421	-.000381	.5071641
Stddev	.0040887	.003644	.0013836	.002028	.000871	.0036699
%RSD	329.3364	10.99391	293.2986	10.44301	228.6456	.7236187

#1	.0050611	-.033877	.0006066	-.018117	-.000742	.5040000
#2	-.003072	-.029187	.0017830	-.021757	-.001014	.5063048
#3	.001735	-.036363	-.000974	-.018387	.000613	.5111874

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0345560	-.001345	.0012228	43.84379	.0014126	.1318864
Stddev	.0002311	.000080	.0000255	.09163	.0007820	.0007194
%RSD	.6688681	5.918696	2.085551	.2089853	55.35721	.5454697

#1	.0344361	-.001424	.0012146	43.94118	.0023147	.1317368
#2	.0344093	-.001265	.0012513	43.75930	.0009965	.1326688
#3	.0348224	-.001345	.0012023	43.83090	.0009266	.1312536

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0172209	74.46820	F 58.72737	30.87673	.0472514	.0017448
Stddev	.0006230	.24305	.13736	.03519	.0007896	.0003434
%RSD	3.617553	.3263750	.2338956	.1139653	1.671090	19.68213

#1	.0165107	74.73798	58.84322	30.91546	.0464731	.0017764
#2	.0176749	74.26634	58.57563	30.84673	.0480519	.0020713
#3	.0174772	74.40027	58.76327	30.86799	.0472291	.0013866

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	392.3292	-.055788	.0152039	4.262877	.0232975	-.176865
Stddev	.2393	.000991	.0010537	.010534	.0002962	.001072
%RSD	.0610006	1.776184	6.930321	.2471116	1.271510	.6059904

#1	392.0789	-.056239	.0162912	4.253095	.0236329	-.177589
#2	392.5558	-.056474	.0151329	4.261506	.0231882	-.177373
#3	392.3529	-.054652	.0141874	4.274029	.0230716	-.175634

Sample Name: I4634-02 Acquired: 8/11/2017 14:38:48 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v118) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MC0AA1 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.003717	378.0898	3.392770	.0023698	.0098884	.0037564
Stddev	.000322	1.1639	.017804	.0010608	.0009151	.0000427
%RSD	8.667650	.3078457	.5247673	44.76457	9.254312	1.135874

#1	-.003365	376.7518	3.405934	.0026624	.0088338	.0037733
#2	-.003789	378.8679	3.399863	.0032536	.0103583	.0037881
#3	-.003998	378.6499	3.372512	.0011933	.0104731	.0037079

Elem	Sr4077
Units	ppm
Avg	.0398958
Stddev	.0000591
%RSD	.1482232

#1	.0399014
#2	.0399519
#3	.0398340

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	876.3990	1616.241	43361.89	11568.08	2674.074
Stddev	12.6023	7.487	242.08	34.28	13.713
%RSD	1.437960	.4632413	.5582788	.2962950	.5128077

#1	872.9637	1623.535	43393.39	11529.18	2687.975
#2	890.3627	1616.615	43586.68	11581.17	2673.689
#3	865.8706	1608.574	43105.60	11593.87	2660.557

Sample Name: I4634-03 Acquired: 8/11/2017 14:42:52 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v118) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MC0AA8 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.001110	.0001461	.0026230	.0066209	-.001474	.2298764	.0316749
Stddev	.002565	.0004916	.0016345	.0022134	.000181	.0038243	.0003642
%RSD	231.1498	336.4696	62.31396	33.43027	12.29018	1.663641	1.149855

#1	.001669	.0005613	.0040750	.0057248	-.001448	.2254979	.0315666
#2	-.003388	.0002739	.0008528	.0049961	-.001667	.2315690	.0313771
#3	-.001609	-.000397	.0029412	.0091418	-.001307	.2325624	.0320810

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0000480	-.000075	7.495035	-.001996	.0028095	.0044531	.5011214
Stddev	.0000338	.000047	.045569	.000547	.0000809	.0005159	.0052553
%RSD	70.39637	62.84247	.6079894	27.40211	2.881094	11.58435	1.048708

#1	.0000582	-.000056	7.496837	-.002116	.0028847	.0050337	.5036177
#2	.0000103	-.000040	7.539676	-.002473	.0027238	.0042784	.5046632
#3	.0000754	-.000129	7.448591	-.001399	.0028201	.0040473	.4950832

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.3754605	5.314385	.0111156	.0000212	14.69599	.0014343	.0157831
Stddev	.0022089	.049661	.0000824	.0001525	.16881	.0010303	.0036245
%RSD	.5883119	.9344690	.7416491	719.5593	1.148673	71.83668	22.96479

#1	.3775896	5.308893	.0111338	-.000015	14.53202	.0022717	.0171407
#2	.3756123	5.267698	.0111875	.000188	14.68670	.0002837	.0185328
#3	.3731797	5.366564	.0110256	-.000110	14.86925	.0017474	.0116757

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.497428	.0016973	.0149019	-.000281	11.47362	3.087666	.0002113
Stddev	.101619	.0002764	.0002948	.000205	.01902	.015716	.0019999
%RSD	2.259494	16.28283	1.978047	72.98576	.1657818	.5089980	946.5882

#1	4.397258	.0019458	.0149389	-.000233	11.45391	3.097023	.0025173
#2	4.494589	.0013996	.0145904	-.000506	11.47509	3.069522	-.001048
#3	4.600437	.0017465	.0151764	-.000104	11.49187	3.096454	-.000835

Sample Name: I4634-03 Acquired: 8/11/2017 14:42:52 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v118) Mode: CONC Corr. Factor: 1.000000
 User: JASWAL Custom ID1: MC0AA8 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.0001397	.0020280	.0126021
Stddev	.0001126	.0000828	.0000938
%RSD	80.59842	4.084739	.7444071

#1	.0001368	.0019745	.0125330
#2	.0000286	.0019862	.0125644
#3	.0002538	.0021234	.0127089

Int. Std.	Y_ 2243	Y_ 2243	Y_ 3600	Y_ 3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	985.8327	1822.265	49368.96	12009.27	3426.962
Stddev	6.2086	3.119	78.02	20.54	6.716
%RSD	.6297840	.1711683	.1580341	.1710537	.1959754

#1	978.9568	1824.140	49321.03	11989.29	3430.458
#2	991.0280	1823.990	49326.86	12030.33	3431.208
#3	987.5133	1818.664	49458.98	12008.19	3419.219

Sample Name: I4634-04 Acquired: 8/11/2017 14:46:58 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v118) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MC0AA8D Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0010361	-.000921	.0029522	.0070084	-.000164	.2356785	.0320728
Stddev	.0037715	.000306	.0011479	.0044570	.000222	.0034977	.0003344
%RSD	364.0290	33.24835	38.88360	63.59484	135.0749	1.484087	1.042459

#1	-.001526	-.000775	.0029826	.0120724	.000064	.2322990	.0316917
#2	.005367	-.000715	.0017893	.0036816	-.000380	.2354530	.0322100
#3	-.000733	-.001272	.0040846	.0052712	-.000177	.2392834	.0323167

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0000453	-.000133	7.403464	-.001452	.0028473	.0043062	.4831509
Stddev	.0000224	.000092	.022396	.000438	.0001418	.0002656	.0065973
%RSD	49.48459	68.91289	.3025084	30.16716	4.981068	6.168008	1.365482

#1	.0000421	-.000028	7.428199	-.001060	.0027380	.0040017	.4874139
#2	.0000246	-.000197	7.397630	-.001925	.0030075	.0044902	.4755518
#3	.0000691	-.000174	7.384561	-.001371	.0027964	.0044266	.4864870

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.3707026	5.304510	.0112106	-.000121	14.61712	.0017028	.0148940
Stddev	.0019791	.081546	.0001016	.000154	.19342	.0010304	.0000794
%RSD	.5338706	1.537290	.9064762	126.6441	1.323215	60.50913	.5329180

#1	.3686128	5.229485	.0111454	-.000213	14.52901	.0023259	.0148197
#2	.3709469	5.292746	.0113277	-.000206	14.48344	.0022690	.0148846
#3	.3725482	5.391299	.0111587	.000056	14.83890	.0005135	.0149776

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.544423	.0017676	.0156494	-.000096	11.52451	3.114640	-.000940
Stddev	.104762	.0004844	.0004725	.000147	.02060	.002010	.001525
%RSD	2.305288	27.40326	3.019090	152.1820	.1787244	.0645315	162.1789

#1	4.480532	.0023269	.0161184	-.000141	11.51684	3.112586	-.001036
#2	4.487410	.0014914	.0151735	-.000216	11.50885	3.116603	-.002416
#3	4.665326	.0014846	.0156563	.000068	11.54784	3.114731	.000630

Sample Name: I4634-04 Acquired: 8/11/2017 14:46:58 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v118) Mode: CONC Corr. Factor: 1.000000
 User: JASWAL Custom ID1: MC0AA8D Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	-.000052	.0019932	.0126057
Stddev	.000303	.0000457	.0000952
%RSD	586.6162	2.291414	.7553315

#1	-.000369	.0019538	.0125129
#2	.000235	.0019827	.0126009
#3	-.000021	.0020433	.0127032

Int. Std.	Y_ 2243	Y_ 2243	Y_ 3600	Y_ 3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	988.9703	1826.799	49646.79	12020.14	3429.128
Stddev	4.7173	6.569	113.55	62.10	5.343
%RSD	.4769868	.3595955	.2287099	.5166156	.1558104

#1	984.5435	1821.330	49548.07	12029.74	3425.100
#2	988.4349	1824.980	49621.44	12076.88	3427.095
#3	993.9324	1834.086	49770.87	11953.80	3435.189

Sample Name: I4634-05 Acquired: 8/11/2017 14:51:02 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v118) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MC0AA8S Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0389959	.0712652	.0216685	.0586006	.1034498	2.121976	2.180452
Stddev	.0028231	.0008544	.0017159	.0025699	.0007617	.011680	.015338
%RSD	7.239541	1.198855	7.918760	4.385525	.7362562	.5504435	.7034535

#1	.0422383	.0702900	.0208840	.0614152	.1026028	2.125505	2.188780
#2	.0376670	.0718820	.0204851	.0580076	.1040785	2.108939	2.162751
#3	.0370825	.0716236	.0236364	.0563790	.1036680	2.131486	2.189826

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0516087	.0458878	7.493743	.2028805	.4784153	.2583340	1.556407
Stddev	.0001297	.0002369	.065944	.0002007	.0031587	.0021074	.016319
%RSD	.2513846	.5163469	.8799843	.0989151	.6602392	.8157662	1.048505

#1	.0516234	.0456197	7.425047	.2030660	.4749712	.2578401	1.543680
#2	.0514722	.0460689	7.556538	.2029081	.4790974	.2565174	1.574805
#3	.0517305	.0459750	7.499645	.2026675	.4811771	.2606445	1.550736

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.9173901	5.374647	.5043670	.0238243	14.84562	.5457375	.4878897
Stddev	.0099933	.029052	.0032032	.0002200	.11365	.0032717	.0064227
%RSD	1.089322	.5405425	.6350941	.9235081	.7655767	.5994968	1.316417

#1	.9069248	5.404697	.5011769	.0240701	14.95728	.5419840	.4844750
#2	.9268328	5.372536	.5043408	.0237568	14.73007	.5479848	.4952984
#3	.9184126	5.346707	.5075832	.0236459	14.84953	.5472437	.4838957

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.578742	-.001071	.0130982	-.000326	11.50827	3.106094	.0003377
Stddev	.089219	.000349	.0004687	.000239	.10868	.020027	.0010387
%RSD	1.948552	32.56230	3.578479	73.31275	.9443322	.6447674	307.5788

#1	4.630862	-.001473	.0128794	-.000101	11.38594	3.128640	.0006978
#2	4.475723	-.000842	.0127788	-.000300	11.54519	3.099278	-.000833
#3	4.629641	-.000899	.0136363	-.000577	11.59367	3.090365	.001148

Sample Name: I4634-05 Acquired: 8/11/2017 14:51:02 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v118) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MC0AA8S Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.0002576	.0020342	.0127215
Stddev	.0002396	.0000181	.0000505
%RSD	92.99407	.8912377	.3970553

#1	.0005321	.0020526	.0127191
#2	.0000905	.0020164	.0126723
#3	.0001502	.0020336	.0127732

Int. Std.	Y_ 2243	Y_ 2243	Y_ 3600	Y_ 3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	988.1264	1827.219	49457.16	12015.88	3429.989
Stddev	5.0064	10.963	189.17	13.68	16.364
%RSD	.5066521	.6000077	.3824909	.1138471	.4770869

#1	983.4041	1836.589	49519.15	12014.19	3446.073
#2	987.5997	1829.906	49244.78	12030.32	3430.535
#3	993.3752	1815.161	49607.56	12003.12	3413.358

Sample Name: I4634-03LX5 Acquired: 8/11/2017 14:55:05 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v118) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MC0AA8L Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0023436	-.001106	-.000875	.0017052	-.000413	.0466038	.0058291
Stddev	.0014634	.000570	.001672	.0023457	.000956	.0014934	.0003040
%RSD	62.44191	51.50612	191.1588	137.5628	231.2452	3.204348	5.215446

#1	.0035761	-.000562	-.000101	-.000998	.000401	.0465490	.0056020
#2	.0027284	-.001698	-.002794	.003207	-.000175	.0451387	.0061745
#3	.0007263	-.001057	.000271	.002907	-.001465	.0481239	.0057108

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000026	-.000068	1.508883	-.002238	.0005519	.0003659	.1012745
Stddev	.000060	.000111	.003944	.000343	.0003981	.0007117	.0013642
%RSD	225.1180	162.8747	.2613549	15.33470	72.12823	194.5177	1.347062

#1	-.000031	-.000164	1.505152	-.002536	.0009774	.0005244	.1002542
#2	.000035	.000053	1.513009	-.001863	.0004897	.0009849	.1028240
#3	-.000084	-.000094	1.508486	-.002315	.0001886	-.000412	.1007452

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0752801	1.038890	.0022526	-.000260	2.941282	.0006928	.0024542
Stddev	.0008422	.019572	.0003446	.000058	.026230	.0014884	.0008315
%RSD	1.118781	1.883943	15.29691	22.45040	.8917731	214.8475	33.87915

#1	.0755279	1.053331	.0026055	-.000205	2.969211	.0003619	.0031344
#2	.0759706	1.016615	.0022353	-.000253	2.917170	.0023187	.0027009
#3	.0743418	1.046725	.0019169	-.000321	2.937464	-.000602	.0015273

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.8268485	.0002399	.0029374	-.000429	2.184564	.6251735	.0002439
Stddev	.0155960	.0001131	.0004931	.000163	.007844	.0033754	.0004377
%RSD	1.886196	47.14693	16.78829	38.06877	.3590815	.5399068	179.4474

#1	.8205219	.0003433	.0026179	-.000331	2.187239	.6284756	.0001905
#2	.8446137	.0001191	.0026889	-.000618	2.190721	.6253156	-.000165
#3	.8154100	.0002571	.0035054	-.000338	2.175732	.6217294	.000706

Sample Name: I4634-03LX5 Acquired: 8/11/2017 14:55:05 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v118) Mode: CONC Corr. Factor: 1.000000
 User: JASWAL Custom ID1: MC0AA8L Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.0003177	.0004564	.0025835
Stddev	.0002858	.0000199	.0000088
%RSD	89.95485	4.355287	.3422888

#1	-.000003	.0004335	.0025918
#2	.000547	.0004690	.0025845
#3	.000409	.0004667	.0025742

Int. Std.	Y_ 2243	Y_ 2243	Y_ 3600	Y_ 3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1002.302	1877.783	50109.87	11870.07	3567.973
Stddev	8.621	7.706	344.97	46.47	10.619
%RSD	.8601252	.4103827	.6884313	.3914960	.2976265

#1	992.513	1869.074	49769.48	11816.44	3556.205
#2	1005.627	1880.556	50459.25	11895.49	3570.873
#3	1008.765	1883.719	50100.89	11898.30	3576.842

Sample Name: I4634-06 Acquired: 8/11/2017 14:59:15 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v118) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MC0AB0 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0013871	-.001570	-.000482	-.000224	-.000162	.0030219	-.000365
Stddev	.0034207	.001281	.001833	.003429	.001571	.0028156	.000565
%RSD	246.6145	81.57593	380.5629	1532.336	970.9129	93.17332	154.6281

#1	-.002561	-.000684	-.002377	-.000970	.001450	.0037764	.000254
#2	.003464	-.003038	-.000350	.003517	-.001688	.0053834	-.000498
#3	.003258	-.000987	.001282	-.003219	-.000248	-.000094	-.000852

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000116	-.000097	.0387358	-.002425	-.000220	.0000791	-.000550
Stddev	.000028	.000014	.0003783	.000310	.000100	.0005505	.003919
%RSD	24.13658	14.30409	.9765149	12.79616	45.18353	696.0069	713.1575

#1	-.000096	-.000110	.0384131	-.002405	-.000291	-.000381	.003227
#2	-.000148	-.000100	.0386423	-.002745	-.000106	.000689	-.000278
#3	-.000104	-.000082	.0391521	-.002125	-.000264	-.000071	-.004597

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0002105	.0051836	-.000120	-.000043	-.008978	.0014939	.0002019
Stddev	.0000770	.0137730	.000127	.000383	.082436	.0003855	.0001863
%RSD	36.57644	265.7008	105.7654	888.5675	918.2364	25.80832	92.25833

#1	.0002302	-.009604	-.000064	.000202	.081661	.0016211	-.000008
#2	.0001255	.017646	-.000030	-.000484	-.079479	.0017997	.000266
#3	.0002756	.007509	-.000265	.000152	-.029115	.0010608	.000347

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.880584	.0003236	.0009117	-.000217	-.030266	.0118689	-.000324
Stddev	.005984	.0000906	.0006982	.000292	.002876	.0001955	.001467
%RSD	.6795573	27.99771	76.58795	134.1527	9.501754	1.646739	452.7638

#1	-.880241	.0003679	.0008250	.000062	-.029417	.0116456	-.001590
#2	-.874779	.0003836	.0016492	-.000520	-.027910	.0120089	.001283
#3	-.886732	.0002194	.0002608	-.000194	-.033470	.0119521	-.000664

Sample Name: I4634-06 Acquired: 8/11/2017 14:59:15 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v118) Mode: CONC Corr. Factor: 1.000000
 User: JASWAL Custom ID1: MC0AB0 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	-.000286	-.000405	.0000882
Stddev	.000084	.000042	.0000034
%RSD	29.33547	10.47277	3.874265

#1	-.000321	-.000425	.0000848
#2	-.000190	-.000433	.0000916
#3	-.000346	-.000356	.0000883

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1034.369	1875.461	51698.22	12129.34	3647.418
Stddev	5.027	4.922	309.21	51.95	5.839
%RSD	.4860232	.2624190	.5981054	.4283343	.1600941

#1	1030.253	1879.833	51358.89	12187.30	3646.109
#2	1032.883	1870.131	51771.69	12086.96	3642.345
#3	1039.972	1876.420	51964.07	12113.75	3653.801

Sample Name: I4634-07 Acquired: 8/11/2017 15:03:25 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v118) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MC0AA2 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0023194	-.002433	.0036836	.0010826	-.001130	.2571853	.0508151
Stddev	.0019875	.001843	.0011883	.0042884	.001412	.0072023	.0005665
%RSD	85.69005	75.73886	32.26012	396.1210	124.9498	2.800424	1.114823

#1	.0044878	-.000354	.0042624	.0060341	-.000805	.2520789	.0502953
#2	.0005844	-.003864	.0023167	-.001347	.000091	.2540537	.0507311
#3	.0018860	-.003082	.0044716	-.001440	-.002676	.2654233	.0514189

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000092	.0000216	18.31224	-.001144	-.000420	.0034740	.3382247
Stddev	.000036	.0000478	.05228	.000473	.000193	.0004141	.0025549
%RSD	38.99093	221.1360	.2855012	41.38476	45.89547	11.91930	.7554012

#1	-.000128	-.000007	18.25370	-.001642	-.000540	.0031903	.3377142
#2	-.000056	-.000005	18.32873	-.001089	-.000522	.0039492	.3359636
#3	-.000092	.000077	18.35428	-.000700	-.000198	.0032825	.3409964

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.958003	3.799359	.0012354	-.000114	38.58208	-.000899	.0102783
Stddev	.006546	.047652	.0002949	.000117	.11399	.001159	.0003757
%RSD	.3343351	1.254202	23.87030	102.8304	.2954366	128.9286	3.655173

#1	1.951619	3.747460	.0011992	.000014	38.46337	-.000173	.0106126
#2	1.957690	3.841137	.0015467	-.000214	38.59218	-.000288	.0098717
#3	1.964700	3.809482	.0009603	-.000141	38.69067	-.002236	.0103506

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	3.824994	.0050391	.0243113	.0004580	3.814613	2.145173	-.001008
Stddev	.021373	.0002735	.0003524	.0000895	.007733	.007331	.000507
%RSD	.5587664	5.426863	1.449745	19.52982	.2027081	.3417492	50.31568

#1	3.807548	.0050977	.0247182	.0004405	3.818680	2.150413	-.001531
#2	3.848834	.0052785	.0241163	.0005549	3.819462	2.136795	-.000976
#3	3.818600	.0047411	.0240995	.0003786	3.805695	2.148310	-.000518

Sample Name: I4634-07 Acquired: 8/11/2017 15:03:25 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v118) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MC0AA2 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.0054389	-.000168	.0385368
Stddev	.0002251	.000040	.0001831
%RSD	4.138127	23.61598	.4751112

#1	.0052429	-.000211	.0383277
#2	.0053892	-.000132	.0386144
#3	.0056847	-.000162	.0386684

Int. Std.	Y_ 2243	Y_ 2243	Y_ 3600	Y_ 3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	967.9359	1794.394	48976.35	11968.45	3291.944
Stddev	6.3155	8.581	74.92	73.90	3.360
%RSD	.6524681	.4782016	.1529793	.6174787	.1020708

#1	964.8345	1800.153	49026.76	12036.77	3295.685
#2	963.7708	1798.497	48890.26	11978.57	3290.965
#3	975.2025	1784.532	49012.04	11890.01	3289.182

Sample Name: I4634-08 Acquired: 8/11/2017 15:07:32 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v118) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MC0AA3 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000346	-.004350	.0014890	-.001468	-.000391	.0510392	.0734901
Stddev	.004488	.001750	.0006716	.003899	.000486	.0024924	.0004247
%RSD	1297.542	40.22314	45.10451	265.6061	124.0831	4.883270	.5778463

#1	.003883	-.003431	.0009723	.001763	-.000683	.0495242	.0730002
#2	.000135	-.006368	.0022482	-.000368	-.000660	.0539158	.0737154
#3	-.005055	-.003251	.0012465	-.005798	.000169	.0496777	.0737546

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000151	.0016563	15.85101	-.001913	.0041536	.0039913	11.83997
Stddev	.000082	.0000476	.13863	.000145	.0001545	.0006603	.10551
%RSD	54.13347	2.876143	.8745929	7.585582	3.718982	16.54445	.8911669

#1	-.000224	.0016260	15.69973	-.001792	.0039752	.0044273	11.72407
#2	-.000063	.0017112	15.88134	-.002074	.0042443	.0032316	11.86537
#3	-.000167	.0016317	15.97197	-.001875	.0042412	.0043149	11.93046

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.905843	3.395171	.0013486	-.000041	25.86776	-.004258	.0024923
Stddev	.049587	.027613	.0001823	.000188	.25820	.001866	.0026038
%RSD	.8396244	.8133095	13.51621	460.9683	.9981445	43.81525	104.4743

#1	5.848762	3.385448	.0011642	-.000256	25.65121	-.006289	.0054267
#2	5.930487	3.426331	.0015287	.000086	26.15351	-.002620	.0004580
#3	5.938280	3.373735	.0013530	.000048	25.79858	-.003864	.0015922

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.9136617	.0029517	-.014283	-.000479	3.364788	2.143239	-.000326
Stddev	.0252527	.0002669	.000787	.000106	.016696	.014263	.000830
%RSD	2.763895	9.041347	5.511850	22.18058	.4962007	.6654708	254.8615

#1	.9066593	.0026468	-.015102	-.000533	3.367050	2.127664	-.001225
#2	.9416766	.0030652	-.013532	-.000548	3.347076	2.146390	-.000165
#3	.8926492	.0031430	-.014215	-.000357	3.380237	2.155662	.000412

Sample Name: I4634-08 Acquired: 8/11/2017 15:07:32 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v118) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MC0AA3 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.0012630	.0001885	.0207212
Stddev	.0003408	.0000179	.0001370
%RSD	26.98404	9.510386	.6609879

#1	.0013028	.0002086	.0205815
#2	.0015822	.0001742	.0208552
#3	.0009040	.0001828	.0207268

Int. Std.	Y_ 2243	Y_ 2243	Y_ 3600	Y_ 3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	978.9673	1792.878	49356.90	11946.86	3340.529
Stddev	5.0742	4.357	137.00	63.26	6.101
%RSD	.5183263	.2429975	.2775631	.5294745	.1826293

#1	984.8147	1789.235	49513.40	12019.87	3333.798
#2	975.7211	1791.694	49298.60	11912.06	3342.094
#3	976.3662	1797.704	49258.69	11908.64	3345.695

Sample Name: I4634-09 Acquired: 8/11/2017 15:11:39 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v118) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MC0AA4 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0004232	-.006745	.0051452	.0059714	-.000941	1.330441	.0498605
Stddev	.0028388	.000725	.0019109	.0064516	.000787	.093767	.0002344
%RSD	670.8091	10.74652	37.13956	108.0403	83.70232	7.047835	.4700989

#1	.0016082	-.006240	.0068048	-.000899	-.001009	1.427258	.0500306
#2	-.002816	-.007576	.0055748	.011901	-.001692	1.324011	.0495932
#3	.002477	-.006420	.0030561	.006912	-.000121	1.240054	.0499579

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000285	.0000940	24.23488	.0045855	.1769934	.0165904	13.13248
Stddev	.000070	.0000217	.39239	.0003373	.0010820	.0004656	.15464
%RSD	24.60869	23.02859	1.619098	7.356186	.6113440	2.806521	1.177567

#1	-.000232	.0001080	24.32711	.0045531	.1765339	.0171205	13.18557
#2	-.000259	.0001050	23.80459	.0049378	.1782293	.0164030	12.95828
#3	-.000365	.0000691	24.57293	.0042655	.1762169	.0162477	13.25359

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	8.835905	6.556287	.0312052	.0004008	351.7807	-.004729	.0075536
Stddev	.143484	.082282	.0002586	.0004030	6.2386	.000698	.0040297
%RSD	1.623876	1.255002	.8287742	100.5601	1.773445	14.76683	53.34834

#1	8.838637	6.507565	.0309739	.0006649	351.1432	-.005432	.0034421
#2	8.691074	6.510008	.0314844	-.000063	345.8853	-.004720	.0077224
#3	8.978003	6.651287	.0311572	.000601	358.3136	-.004035	.0114963

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.524491	.0114306	.0116121	-.000739	207.0876	7.647689	.0004227
Stddev	.054030	.0003629	.0003315	.000144	1.5948	.137691	.0011365
%RSD	1.194161	3.174351	2.855026	19.53654	.7700998	1.800420	268.9011

#1	4.524254	.0112818	.0119572	-.000601	206.3995	7.628214	-.000296
#2	4.470580	.0118442	.0115830	-.000889	208.9109	7.520773	-.000169
#3	4.578638	.0111658	.0112960	-.000727	205.9523	7.794081	.001733

Sample Name: I4634-09 Acquired: 8/11/2017 15:11:39 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v118) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MC0AA4 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.0279290	.0025757	.0290144
Stddev	.0038148	.0000213	.0005010
%RSD	13.65896	.8276067	1.726553

#1	.0315555	.0025537	.0289417
#2	.0282812	.0025963	.0285538
#3	.0239503	.0025770	.0295478

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	894.5975	1648.924	44618.58	11812.29	2767.338
Stddev	11.2363	15.003	227.80	187.86	22.536
%RSD	1.256020	.9098635	.5105555	1.590350	.8143432

#1	894.6285	1666.200	44703.91	11849.29	2788.510
#2	905.8184	1639.175	44791.40	11978.90	2743.650
#3	883.3458	1641.397	44360.43	11608.69	2769.853

Sample Name: I4634-10 Acquired: 8/11/2017 15:15:44 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v118) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MC0AA5 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000422	-.006400	.0047760	.0072927	-.001272	1.103757	.0485982
Stddev	.004293	.001083	.0007305	.0030288	.000446	.003494	.0003728
%RSD	1018.079	16.92015	15.29616	41.53133	35.06651	.3165639	.7670496

#1	-.005245	-.005186	.0049728	.0104889	-.000770	1.100047	.0482786
#2	.002979	-.007266	.0039672	.0044650	-.001624	1.106985	.0490077
#3	.001001	-.006749	.0053879	.0069243	-.001420	1.104239	.0485083

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000179	.0000812	23.91106	.0043733	.1726232	.0166190	12.71295
Stddev	.000132	.0001398	.17660	.0012634	.0012553	.0001692	.05934
%RSD	73.92981	172.1279	.7385542	28.88904	.7272084	1.018213	.4668045

#1	-.000044	.0001041	23.76611	.0050415	.1717320	.0168081	12.66938
#2	-.000184	-.000069	23.85933	.0029161	.1720787	.0165670	12.68894
#3	-.000308	.000208	24.10775	.0051623	.1740588	.0164819	12.78054

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	8.817895	6.484973	.0312223	.0000573	349.3308	-.004730	.0072758
Stddev	.071533	.040501	.0003543	.0004121	1.1452	.001019	.0020132
%RSD	.8112202	.6245357	1.134793	719.3528	.3278261	21.54977	27.67044

#1	8.755248	6.444944	.0312379	.0005206	348.8648	-.004553	.0052122
#2	8.802598	6.484043	.0315684	-.000080	350.6356	-.005826	.0073806
#3	8.895839	6.525930	.0308604	-.000268	348.4922	-.003811	.0092346

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.458142	.0111176	.0120647	-.000506	204.4483	7.588169	-.000155
Stddev	.065121	.0002068	.0005338	.000205	1.4350	.024037	.000993
%RSD	1.460724	1.860322	4.424305	40.51369	.7019019	.3167747	639.0768

#1	4.417045	.0110452	.0118679	-.000556	203.1060	7.599356	-.000618
#2	4.533225	.0113508	.0116573	-.000281	204.2780	7.604573	.000984
#3	4.424156	.0109567	.0126690	-.000682	205.9608	7.560576	-.000832

Sample Name: I4634-10 Acquired: 8/11/2017 15:15:44 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v118) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MC0AA5 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.0218483	.0025872	.0287261
Stddev	.0004230	.0000317	.0000885
%RSD	1.936002	1.226528	.3079458

#1	.0220726	.0026233	.0286243
#2	.0213605	.0025641	.0287700
#3	.0221119	.0025741	.0287840

Int. Std.	Y_ 2243	Y_ 2243	Y_ 3600	Y_ 3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	891.4058	1644.224	44774.34	11727.83	2766.820
Stddev	11.2863	6.846	373.12	27.92	13.012
%RSD	1.266123	.4163596	.8333332	.2380430	.4702691

#1	890.5817	1651.323	44803.51	11723.53	2781.058
#2	903.0816	1643.686	45132.01	11702.32	2763.857
#3	880.5542	1637.663	44387.49	11757.65	2755.546

Sample Name: I4634-11 Acquired: 8/11/2017 15:19:50 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v118) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MC0AA6 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0000420	-.012323	.0004132	-.003556	-.001419	1.462612	.0677856
Stddev	.0037329	.000834	.0008143	.004074	.001244	.034479	.0013602
%RSD	8887.312	6.769194	197.0435	114.5677	87.66864	2.357348	2.006541

#1	.0001527	-.011499	-.000472	-.005778	-.000022	1.424811	.0663745
#2	-.003745	-.012304	.001131	-.006037	-.001829	1.470691	.0678940
#3	.003718	-.013167	.000580	.001146	-.002405	1.492333	.0690883

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000315	.0004859	18.14918	.0000805	.0089946	.0119574	42.63526
Stddev	.000013	.0001557	.26645	.0006590	.0001879	.0003644	.61669
%RSD	4.095174	32.04556	1.468114	818.6446	2.088704	3.047301	1.446435

#1	-.000319	.0005609	17.84779	.0006885	.0092109	.0115971	41.94347
#2	-.000301	.0003069	18.24629	.0001727	.0088723	.0119494	42.83492
#3	-.000326	.0005900	18.35346	-.000620	.0089006	.0123257	43.12737

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	18.75333	6.261527	.0076388	.0001779	232.5809	-.015521	.0078145
Stddev	.24973	.118470	.0003639	.0001311	3.8060	.001624	.0013260
%RSD	1.331648	1.892035	4.763807	73.68652	1.636408	10.46612	16.96790

#1	18.46951	6.137155	.0077715	.0000296	228.5530	-.014298	.0064143
#2	18.85108	6.274378	.0079178	.0002256	233.0726	-.014901	.0079782
#3	18.93940	6.373048	.0072272	.0002784	236.1172	-.017364	.0090510

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.103722	.0062227	-.099475	-.001536	125.4653	4.623873	.0007090
Stddev	.054403	.0002875	.002208	.000185	.3841	.075100	.0006701
%RSD	2.586015	4.620709	2.219173	12.07028	.3061173	1.624170	94.51294

#1	2.042955	.0061388	-.096988	-.001475	125.8084	4.538955	.0011082
#2	2.120317	.0065429	-.100233	-.001390	125.5370	4.681552	-.000065
#3	2.147895	.0059865	-.101204	-.001745	125.0504	4.651111	.001083

Sample Name: I4634-11 Acquired: 8/11/2017 15:19:50 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v118) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MC0AA6 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.0115576	.0061598	.0232581
Stddev	.0007226	.0001876	.0003242
%RSD	6.251990	3.046043	1.393950

#1	.0123918	.0059729	.0229233
#2	.0111560	.0061584	.0232806
#3	.0111251	.0063481	.0235705

Int. Std.	Y_ 2243	Y_ 2243	Y_ 3600	Y_ 3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	893.9693	1662.256	45252.41	11721.03	2871.926
Stddev	4.7548	5.199	322.21	122.25	3.444
%RSD	.5318698	.3127434	.7120281	1.042979	.1199098

#1	891.7358	1665.444	45129.70	11856.37	2872.861
#2	899.4296	1665.067	45617.95	11688.08	2874.806
#3	890.7426	1656.257	45009.58	11618.63	2868.112

Sample Name: I4634-12 Acquired: 8/11/2017 15:23:55 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v118) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MC0AA7 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0018295	-.001415	.0107112	.0055558	-.001144	9.654101	.0481062
Stddev	.0027966	.001769	.0018116	.0030939	.000443	.016896	.0000852
%RSD	152.8616	125.0534	16.91315	55.68800	38.67937	.1750163	.1770785

#1	.0000502	-.003124	.0117721	.0074569	-.001571	9.644501	.0481848
#2	.0003854	.000409	.0117421	.0019858	-.000687	9.644192	.0480157
#3	.0050529	-.001529	.0086194	.0072248	-.001176	9.673611	.0481181

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0002858	.0000498	11.92475	.0257476	.0110156	.0160534	5.209097
Stddev	.0000630	.0000437	.02225	.0005650	.0003555	.0008530	.036410
%RSD	22.03044	87.68770	.1865864	2.194274	3.227165	5.313650	.6989660

#1	.0002279	.0000823	11.89975	.0254984	.0113328	.0164796	5.167129
#2	.0002766	.0000001	11.94235	.0253501	.0106313	.0150713	5.232239
#3	.0003529	.0000670	11.93216	.0263944	.0110827	.0166093	5.227924

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.463264	3.539004	.0139408	.0000398	650.8821	.0214836	.0155661
Stddev	.008328	.019429	.0002757	.0001858	.5947	.0005247	.0015910
%RSD	.3380956	.5490031	1.977766	467.4024	.0913639	2.442224	10.22112

#1	2.455886	3.560231	.0136470	-.000048	650.9497	.0210117	.0141037
#2	2.472294	3.534683	.0141940	.000253	650.2565	.0220486	.0153342
#3	2.461611	3.522100	.0139814	-.000086	651.4401	.0213904	.0172603

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.033604	.0123289	.0120092	.0000047	388.7881	16.00698	-.000544
Stddev	.026404	.0002374	.0012637	.0001748	.6931	.02245	.000741
%RSD	.5245468	1.925329	10.52323	3730.897	.1782601	.1402528	136.3278

#1	5.008412	.0121425	.0123688	-.000107	389.4401	16.00003	.000295
#2	5.061072	.0125961	.0130541	-.000085	388.0603	16.03209	-.001111
#3	5.031327	.0122480	.0106046	.000206	388.8640	15.98883	-.000816

Sample Name: I4634-12 Acquired: 8/11/2017 15:23:55 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v118) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MC0AA7 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.2235936	.0013447	.0183117
Stddev	.0030815	.0000171	.0000310
%RSD	1.378168	1.273154	.1692947

#1	.2232343	.0013273	.0183460
#2	.2207076	.0013616	.0182856
#3	.2268390	.0013451	.0183037

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	894.6374	1655.822	44072.76	11805.82	2607.589
Stddev	2.3266	2.973	63.02	25.25	2.979
%RSD	.2600629	.1795182	.1429997	.2139015	.1142514

#1	895.5894	1655.749	44135.18	11828.24	2605.413
#2	891.9857	1652.887	44073.95	11810.76	2610.985
#3	896.3370	1658.831	44009.15	11778.46	2606.369

Sample Name: I4634-13 Acquired: 8/11/2017 15:28:01 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v118) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MC0AA9 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0017723	-.000292	.0002747	-.000214	-.001642	.0088620	-.000618
Stddev	.0027957	.001666	.0021794	.003197	.000766	.0019403	.000093
%RSD	157.7445	570.3196	793.2371	1492.450	46.65648	21.89429	15.01888

#1	.0018677	.001298	.0018316	.002591	-.002230	.0106943	-.000653
#2	-.001070	-.000149	-.002216	-.003695	-.001921	.0090626	-.000688
#3	.004519	-.002025	.001209	.000462	-.000776	.0068293	-.000513

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000140	-.000181	.0121643	.0002555	-.000096	.0007716	.0158022
Stddev	.000195	.000078	.0055459	.0001691	.000202	.0008760	.0057844
%RSD	139.5399	42.95441	45.59175	66.21310	210.9844	113.5238	36.60526

#1	.000072	-.000220	.0138007	.0003048	-.000008	.0000652	.0154104
#2	-.000180	-.000232	.0167079	.0003945	.000047	.0004979	.0102236
#3	-.000311	-.000092	.0059843	.0000671	-.000328	.0017518	.0217726

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0007678	-.032231	.0009191	-.000038	.3025293	.0020460	.0027815
Stddev	.0001450	.015967	.0006239	.000266	.0161785	.0011628	.0036114
%RSD	18.88702	49.53901	67.88880	706.5461	5.347752	56.83370	129.8361

#1	.0009178	-.041344	.0007348	.000075	.3190822	.0007397	.0058818
#2	.0006283	-.013794	.0016144	.000153	.3017526	.0029680	.0036468
#3	.0007573	-.041554	.0004080	-.000342	.2867532	.0024304	-.001184

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.924376	.0065238	-.000257	-.000068	-.014401	.0203337	.0008962
Stddev	.010046	.0001832	.000755	.000309	.003295	.0010080	.0006913
%RSD	1.086816	2.807620	293.9676	452.5017	22.87865	4.957279	77.13879

#1	-.916253	.0066941	-.000234	-.000424	-.012345	.0205942	.0016885
#2	-.935610	.0063300	.000487	.000081	-.018201	.0211858	.0005850
#3	-.921264	.0065474	-.001024	.000138	-.012657	.0192210	.0004152

Sample Name: I4634-13 Acquired: 8/11/2017 15:28:01 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v118) Mode: CONC Corr. Factor: 1.000000
 User: JASWAL Custom ID1: MC0AA9 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.0005424	-.000434	.0000705
Stddev	.0005824	.000059	.0000060
%RSD	107.3874	13.64848	8.519921

#1	-.000070	-.000478	.0000719
#2	.001089	-.000367	.0000757
#3	.000608	-.000458	.0000639

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	999.2215	1856.220	51182.51	12030.55	3642.475
Stddev	10.2788	2.832	273.76	22.82	6.178
%RSD	1.028680	.1525943	.5348605	.1896524	.1696030

#1	1010.519	1853.006	51459.21	12022.58	3636.764
#2	990.422	1858.352	50911.80	12012.79	3649.033
#3	996.723	1857.302	51176.52	12056.29	3641.629

Sample Name: I4648-01 Acquired: 8/11/2017 15:32:12 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v118) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MC1BB1 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0033916	-.002375	.0030393	.0079994	-.000552	.0116004	.0182435
Stddev	.0009834	.000816	.0016463	.0034674	.001099	.0015655	.0002191
%RSD	28.99539	34.34164	54.16780	43.34528	199.0226	13.49556	1.200716

#1	.0039524	-.001790	.0021009	.0081644	-.001236	.0098044	.0183080
#2	.0039663	-.002028	.0049403	.0113814	-.001135	.0123202	.0179994
#3	.0022561	-.003306	.0020767	.0044525	.000715	.0126765	.0184230

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000191	-.000133	20.20474	.0006456	.1564335	.0026490	.0688793
Stddev	.000134	.000050	.08730	.0001032	.0001427	.0008411	.0028625
%RSD	70.38087	37.94005	.4320951	15.98799	.0912255	31.75048	4.155836

#1	-.000040	-.000190	20.30556	.0006306	.1563152	.0024645	.0661557
#2	-.000235	-.000112	20.15435	.0007555	.1565920	.0035670	.0686192
#3	-.000298	-.000096	20.15433	.0005507	.1563932	.0019155	.0718630

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.926482	5.339044	.0203900	.0001239	201.4536	-.004127	.0162729
Stddev	.012347	.072106	.0004276	.0001813	1.0302	.001522	.0010025
%RSD	.2506297	1.350545	2.097102	146.3588	.5113790	36.88860	6.160828

#1	4.938029	5.380760	.0199590	.0000915	200.6326	-.003588	.0172864
#2	4.913466	5.255783	.0203969	.0003193	201.1187	-.002947	.0152817
#3	4.927952	5.380590	.0208141	-.000039	202.6096	-.005846	.0162504

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	3.450902	.0016657	.0499247	-.000374	103.8460	6.003309	-.001412
Stddev	.024093	.0003572	.0004322	.000342	.3269	.015093	.000967
%RSD	.6981675	21.44481	.8657827	91.65445	.3147616	.2514112	68.45451

#1	3.478569	.0018140	.0502493	-.000736	103.4977	5.989018	-.001891
#2	3.434541	.0019248	.0494341	-.000056	103.8940	6.001815	-.000300
#3	3.439598	.0012582	.0500908	-.000328	104.1461	6.019093	-.002047

Sample Name: I4648-01 Acquired: 8/11/2017 15:32:12 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v118) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MC1BB1 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	-.000111	.0007288	.0265121
Stddev	.000384	.0000231	.0000731
%RSD	346.4733	3.174033	.2757935

#1	.000327	.0007097	.0264894
#2	-.000268	.0007221	.0264530
#3	-.000391	.0007545	.0265939

Int. Std.	Y_ 2243	Y_ 2243	Y_ 3600	Y_ 3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	901.5077	1667.001	45791.85	11746.40	2917.731
Stddev	2.3824	2.225	107.73	30.30	3.189
%RSD	.2642739	.1334698	.2352547	.2579292	.1092983

#1	903.9340	1664.842	45831.10	11724.25	2920.714
#2	899.1717	1666.877	45670.00	11780.93	2914.369
#3	901.4174	1669.286	45874.45	11734.02	2918.108

Sample Name: I4648-02 Acquired: 8/11/2017 15:36:15 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v118) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MC1BB2 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0004961	-.033738	-.001469	-.024370	-.000382	.0737641
Stddev	.0033809	.000312	.002088	.002022	.001802	.0047459
%RSD	681.5463	.9236177	142.0845	8.295346	471.4159	6.433864

#1	.0021541	-.033430	.000173	-.022101	.000080	.0682867
#2	-.003394	-.034053	-.003819	-.025029	.001144	.0763554
#3	.002728	-.033731	-.000762	-.025980	-.002370	.0766503

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0298876	-.001503	.0010712	44.48727	.0012702	.1353165
Stddev	.0002026	.000121	.0001972	.05326	.0003521	.0002980
%RSD	.6780059	8.077163	18.41087	.1197091	27.71633	.2202355

#1	.0300966	-.001375	.0012648	44.48011	.0009606	.1354911
#2	.0298743	-.001617	.0008706	44.43795	.0016532	.1349724
#3	.0296920	-.001518	.0010781	44.54374	.0011970	.1354861

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0163462	75.79091	F 59.84026	31.79205	.0475647	.0010932
Stddev	.0011129	.13944	.03370	.16623	.0005247	.0001404
%RSD	6.808405	.1839818	.0563179	.5228655	1.103194	12.83924

#1	.0150755	75.82082	59.81334	31.63370	.0481706	.0009736
#2	.0171478	75.91297	59.87805	31.96517	.0472596	.0010582
#3	.0168152	75.63894	59.82937	31.77728	.0472640	.0012477

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	411.2189	-.061024	.0106121	4.367855	.0177299	-.182078
Stddev	1.5819	.004076	.0010833	.035532	.0003438	.000527
%RSD	.3846821	6.678516	10.20835	.8134906	1.938903	.2895554

#1	409.4095	-.058958	.0098645	4.329510	.0173457	-.182685
#2	411.9069	-.058396	.0101174	4.399667	.0180083	-.181808
#3	412.3403	-.065719	.0118545	4.374389	.0178358	-.181740

Sample Name: I4648-02 Acquired: 8/11/2017 15:36:15 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v118) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MC1BB2 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.004148	393.2142	2.984406	.0021331	.0001319	.0038130
Stddev	.000206	1.4877	.003717	.0004091	.0002764	.0000581
%RSD	4.955971	.3783447	.1245474	19.17984	209.4925	1.524028

#1	-.003943	392.2454	2.981162	.0019772	.0001026	.0037560
#2	-.004354	392.4700	2.988462	.0018248	-.000129	.0038721
#3	-.004149	394.9272	2.983593	.0025972	.000422	.0038109

Elem	Sr4077
Units	ppm
Avg	.0406094
Stddev	.0001215
%RSD	.2990830

#1	.0404699
#2	.0406918
#3	.0406666

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	862.7770	1590.074	43461.47	11538.36	2651.280
Stddev	10.7570	5.716	87.42	13.79	3.277
%RSD	1.246789	.3595004	.2011392	.1195428	.1235934

#1	862.2826	1594.361	43487.76	11554.18	2655.055
#2	873.7727	1583.584	43532.73	11532.00	2649.166
#3	852.2757	1592.278	43363.93	11528.88	2649.619

Sample Name: CCV006 Acquired: 8/11/2017 15:49:39 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v118) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: CCV006 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.919953	4.626214	23.25928	4.711684	4.873792	389.2406
Stddev	.031400	.020973	.05621	.015275	.032553	1.5359
%RSD	.6382138	.4533408	.2416521	.3242040	.6679228	.3945807

#1	4.927111	4.610530	23.25573	4.723894	4.903354	390.9988
#2	4.947156	4.650036	23.31718	4.716604	4.879118	388.1606
#3	4.885592	4.618077	23.20493	4.694555	4.838905	388.5623

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	9.689502	.4750066	2.370502	388.1809	15.51860	2.376422
Stddev	.057211	.0055872	.010833	2.6277	.12204	.002218
%RSD	.5904480	1.176233	.4569932	.6769167	.7864184	.0933284

#1	9.625448	.4806309	2.358013	386.9691	15.57755	2.374928
#2	9.735529	.4694573	2.377372	386.3778	15.37828	2.378970
#3	9.707529	.4749317	2.376119	391.1958	15.59998	2.375367

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	14.84534	382.9410	14.03983	393.2934	2.361159	1.272232
Stddev	.05708	1.5639	.06875	.9604	.003589	.000547
%RSD	.3845298	.4083871	.4896440	.2442010	.1520064	.0430031

#1	14.90407	382.4599	14.01375	393.4706	2.360257	1.272837
#2	14.84189	381.6742	13.98793	392.2567	2.365113	1.271773
#3	14.79005	384.6889	14.11779	394.1529	2.358107	1.272084

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	388.6946	2.384384	15.56911	147.4252	F 6.209819	F 3.908433
Stddev	1.1774	.021748	.27206	.6407	.023960	.021781
%RSD	.3029160	.9121185	1.747432	.4345971	.3858375	.5572741

#1	389.7553	2.384926	15.33172	147.8686	6.219120	3.932744
#2	387.4277	2.362369	15.86599	147.7164	6.227734	3.890698
#3	388.9009	2.405856	15.50962	146.6906	6.182604	3.901858

Sample Name: CCV006 Acquired: 8/11/2017 15:49:39 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v118) Mode: CONC Corr. Factor: 1.000000
 User: JASWAL Custom ID1: CCV006 Custom ID2: Custom ID3:
 Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.713901	5.030187	4.648224	4.705733	4.734015	5.984094
Stddev	.013837	.030317	.027931	.011160	.014364	.038733
%RSD	.2935343	.6027054	.6008911	.2371665	.3034189	.6472695

#1	4.726459	5.031336	4.680470	4.693351	4.739844	5.959704
#2	4.716176	5.059913	4.632636	4.708828	4.717653	5.963822
#3	4.699067	4.999311	4.631567	4.715018	4.744549	6.028756

Elem	Sr4077
Units	ppm
Avg	7.494599
Stddev	.026427
%RSD	.3526182

#1	7.517653
#2	7.465757
#3	7.500387

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	787.2053	1490.907	41622.12	10966.70	2151.458
Stddev	13.1700	11.885	203.95	28.43	9.666
%RSD	1.673009	.7971895	.4900070	.2592044	.4492788

#1	793.8307	1478.483	41782.94	10934.12	2141.667
#2	772.0382	1492.069	41392.72	10979.50	2151.712
#3	795.7470	1502.169	41690.70	10986.47	2160.994

Sample Name: CCB006 Acquired: 8/11/2017 15:54:01 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v118) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: CCB006 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000396	.0009220	-.000417	-.001699	-.000164	.0055294	-.000250
Stddev	.002479	.0011247	.000117	.003329	.001285	.0018194	.000110
%RSD	626.2099	121.9879	28.06735	195.9225	781.7101	32.90445	43.86741

#1	.002110	.0018834	-.000285	.000683	-.001640	.0072489	-.000374
#2	-.000451	.0011974	-.000456	-.000277	.000704	.0036243	-.000212
#3	-.002846	-.000315	-.000509	-.005503	.000443	.0057149	-.000165

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0000147	-.000073	.0033775	-.001886	-.000177	.0007834	.0056009
Stddev	.0000974	.000050	.0003151	.000388	.000211	.0004132	.0008258
%RSD	663.0636	68.11820	9.328517	20.58118	119.3505	52.74731	14.74462

#1	-.000068	-.000122	.0037394	-.001698	-.000320	.0005075	.0053691
#2	.000122	-.000075	.0032287	-.002332	-.000277	.0012585	.0065178
#3	-.000010	-.000022	.0031643	-.001628	.000066	.0005842	.0049157

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0004705	-.005187	.0000716	-.000334	-.018175	.0004023	.0016170
Stddev	.0001510	.006762	.0005093	.000054	.021256	.0020167	.0012022
%RSD	32.09591	130.3550	711.1645	16.25375	116.9490	501.2608	74.34752

#1	.0005320	-.007016	.0001048	-.000364	-.027860	.0008839	.0007331
#2	.0002985	-.010847	-.000454	-.000366	.006198	.0021346	.0029860
#3	.0005811	.002301	.000564	-.000271	-.032863	-.001812	.0011320

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.005058	-.000073	.0067397	.0000747	-.017720	.0010998	.0009172
Stddev	.024795	.000145	.0001597	.0003824	.005607	.0001882	.0009816
%RSD	490.1842	197.8393	2.368778	511.6593	31.64352	17.11121	107.0134

#1	.016799	-.000026	.0066368	.0001203	-.013665	.0010971	-.000031
#2	.000029	.000042	.0069236	.0004323	-.015377	.0009130	.000853
#3	-.032003	-.000235	.0066586	-.000328	-.024119	.0012893	.001929

Sample Name: CCB006 Acquired: 8/11/2017 15:54:01 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v118) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: CCB006 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.0001735	.0005664	.0001563
Stddev	.0001498	.0000502	.0000069
%RSD	86.30618	8.854541	4.415935

#1	.0001594	.0005235	.0001519
#2	.0000313	.0005543	.0001527
#3	.0003299	.0006216	.0001642

Int. Std.	Y_ 2243	Y_ 2243	Y_ 3600	Y_ 3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1019.884	1897.805	51465.76	11986.50	3647.715
Stddev	7.027	5.352	52.33	61.96	4.585
%RSD	.6890419	.2819841	.1016836	.5168858	.1257024

#1	1027.915	1897.264	51521.74	11924.38	3644.563
#2	1016.874	1892.744	51457.47	11986.82	3645.606
#3	1014.862	1903.406	51418.07	12048.30	3652.975

Sample Name: I4648-03 Acquired: 8/11/2017 15:58:11 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v118) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MC1BB3 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0019226	.0002159	.0013973	.0069445	-.000971	.0347276	.0334993
Stddev	.0024768	.0023385	.0009992	.0034904	.000540	.0035265	.0004451
%RSD	128.8305	1083.168	71.50542	50.26126	55.64843	10.15463	1.328601

#1	.0021638	-.000613	.0020396	.0036434	-.000350	.0366136	.0330297
#2	.0042699	-.001595	.0019062	.0065924	-.001226	.0306592	.0339149
#3	-.000666	.002856	.0002462	.0105975	-.001337	.0369101	.0335533

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000041	-.000165	7.561640	-.002306	.0027976	.0008614	.2439225
Stddev	.000102	.000165	.042059	.000565	.0002431	.0005747	.0023177
%RSD	248.3620	100.0510	.5562196	24.51303	8.689797	66.72210	.9501800

#1	-.000063	-.000267	7.523288	-.002860	.0026709	.0011823	.2420697
#2	-.000131	.000025	7.606619	-.001730	.0030779	.0012041	.2431764
#3	.000070	-.000253	7.555012	-.002330	.0026440	.0001979	.2465214

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.3837726	5.608535	.0117306	-.000186	15.24406	.0011617	.0124386
Stddev	.0016653	.042111	.0003012	.000146	.13538	.0019196	.0020674
%RSD	.4339422	.7508366	2.567372	78.49467	.8880917	165.2435	16.62104

#1	.3829778	5.577085	.0119773	-.000181	15.31873	.0023606	.0130728
#2	.3856864	5.656377	.0118195	-.000043	15.08779	-.001052	.0101284
#3	.3826535	5.592143	.0113950	-.000335	15.32566	.002177	.0141146

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.545955	.0007413	.0181034	-.000320	11.40441	3.089259	-.001049
Stddev	.020226	.0002167	.0007773	.000257	.00924	.013041	.000812
%RSD	.4449122	29.22851	4.293588	80.35973	.0810053	.4221416	77.42200

#1	4.567621	.0004916	.0189887	-.000279	11.41032	3.097409	-.000111
#2	4.527572	.0008521	.0177887	-.000086	11.39377	3.096151	-.001516
#3	4.542672	.0008801	.0175328	-.000596	11.40915	3.074218	-.001519

Sample Name: I4648-03 Acquired: 8/11/2017 15:58:11 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v118) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MC1BB3 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	-.000132	.0020959	.0127645
Stddev	.000213	.0000056	.0000083
%RSD	161.5806	.2670777	.0653296

#1	-.000009	.0021021	.0127672
#2	-.000008	.0020940	.0127552
#3	-.000378	.0020914	.0127712

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	984.6709	1813.779	49827.23	12087.14	3433.217
Stddev	10.7259	12.827	282.08	30.13	13.431
%RSD	1.089292	.7071711	.5661144	.2493019	.3912050

#1	984.3623	1826.040	49845.05	12056.78	3448.591
#2	995.5477	1800.453	50099.97	12117.04	3423.765
#3	974.1025	1814.845	49536.66	12087.60	3427.295

Sample Name: I4648-04 Acquired: 8/11/2017 16:02:17 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v118) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MC1BB3D Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000411	.0001732	.0009330	.0073814	-.001162	.0340662	.0325233
Stddev	.002560	.0015610	.0009501	.0012812	.000474	.0020364	.0003974
%RSD	623.4154	901.3009	101.8342	17.35657	40.80062	5.977883	1.221816

#1	.002499	-.001507	-.000105	.0069004	-.001479	.0354519	.0328167
#2	-.001410	.001579	.001146	.0088334	-.001389	.0350185	.0326821
#3	-.002321	.000448	.001759	.0064103	-.000617	.0317281	.0320711

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000037	-.000092	7.471584	-.001873	.0029045	.0013506	.2379128
Stddev	.000160	.000057	.022789	.000360	.0000795	.0008110	.0072535
%RSD	432.0502	61.40358	.3050086	19.20014	2.737010	60.04876	3.048798

#1	-.000012	-.000133	7.454444	-.001642	.0028293	.0007819	.2399900
#2	-.000208	-.000116	7.462864	-.002287	.0028965	.0009906	.2298474
#3	.000109	-.000028	7.497446	-.001690	.0029877	.0022793	.2439012

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.3796564	5.538450	.0113869	-.000239	15.34933	.0007681	.0151346
Stddev	.0001751	.026128	.0002386	.000147	.15452	.0020091	.0007697
%RSD	.0461131	.4717494	2.095085	61.50293	1.006656	261.5825	5.085421

#1	.3794883	5.558295	.0115207	-.000075	15.26174	-.001185	.0159628
#2	.3796433	5.548209	.0115285	-.000360	15.52774	.000659	.0144414
#3	.3798377	5.508848	.0111115	-.000282	15.25851	.002829	.0149996

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.572524	.0007194	.0178490	-.000297	11.37162	3.060960	.0014018
Stddev	.038557	.0002053	.0006202	.000315	.01291	.016523	.0015499
%RSD	.8432219	28.54079	3.474548	106.0658	.1135240	.5397998	110.5670

#1	4.597335	.0009558	.0181356	-.000461	11.37874	3.052350	.0007890
#2	4.592131	.0005864	.0182741	.000066	11.35672	3.080010	.0002519
#3	4.528104	.0006159	.0171374	-.000495	11.37940	3.050521	.0031644

Sample Name: I4648-04 Acquired: 8/11/2017 16:02:17 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v118) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MC1BB3D Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	-.000054	.0020804	.0127364
Stddev	.000239	.0000728	.0000232
%RSD	440.4822	3.498348	.1818102

#1	.000023	.0021134	.0127560
#2	.000136	.0021308	.0127424
#3	-.000322	.0019969	.0127109

Int. Std.	Y_ 2243	Y_ 2243	Y_ 3600	Y_ 3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	980.5784	1807.361	49778.81	12022.40	3421.534
Stddev	12.6573	2.615	251.15	48.63	7.223
%RSD	1.290797	.1447107	.5045353	.4044898	.2111071

#1	966.0595	1804.709	49528.01	12052.46	3414.131
#2	989.2900	1809.939	50030.32	11966.29	3428.563
#3	986.3856	1807.436	49778.11	12048.44	3421.907

Sample Name: I4648-05 Acquired: 8/11/2017 16:06:25 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v118) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MC1BB3S Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0393192	.0729092	.0220776	.0582429	.1046928	1.934743	2.210255
Stddev	.0017962	.0021844	.0002543	.0020326	.0003637	.007382	.018306
%RSD	4.568300	2.995998	1.151909	3.489928	.3474455	.3815258	.8282477

#1	.0373160	.0710800	.0218010	.0580935	.1043537	1.931531	2.192609
#2	.0398553	.0753277	.0221306	.0562891	.1050770	1.929511	2.208999
#3	.0407863	.0723198	.0223013	.0603461	.1046478	1.943186	2.229157

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0510244	.0456643	7.436563	.2014092	.4785686	.2563789	1.304050
Stddev	.0001524	.0001488	.020740	.0008031	.0010284	.0022902	.011531
%RSD	.2985940	.3258961	.2788872	.3987544	.2148904	.8932840	.8842532

#1	.0510825	.0457157	7.440483	.2009396	.4793347	.2539767	1.308072
#2	.0508515	.0454965	7.455063	.2023365	.4773998	.2566222	1.313031
#3	.0511392	.0457806	7.414144	.2009514	.4789713	.2585377	1.291046

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.9206492	5.495658	.5093216	.0237454	15.14920	.5552379	.4919949
Stddev	.0017795	.060263	.0001586	.0003203	.11561	.0038480	.0056490
%RSD	.1932914	1.096559	.0311415	1.348855	.7631438	.6930442	1.148177

#1	.9203181	5.433734	.5094396	.0234434	15.13957	.5589686	.4965856
#2	.9225711	5.499131	.5093840	.0240813	15.03871	.5554626	.4937128
#3	.9190586	5.554110	.5091413	.0237115	15.26933	.5512824	.4856865

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.517502	-.001868	.0134421	-.000620	11.25827	3.048539	-.000119
Stddev	.027287	.000118	.0004387	.000388	.01875	.006689	.000202
%RSD	.6040323	6.318699	3.263644	62.50186	.1665097	.2194023	169.5897

#1	4.492734	-.001771	.0138495	-.000724	11.27589	3.048477	-.000263
#2	4.513018	-.001835	.0129777	-.000945	11.23857	3.055258	-.000207
#3	4.546753	-.001999	.0134992	-.000191	11.26034	3.041881	.000112

Sample Name: I4648-05 Acquired: 8/11/2017 16:06:25 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v118) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MC1BB3S Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	-.000193	.0020438	.0126316
Stddev	.000114	.0000333	.0000468
%RSD	59.05130	1.630027	.3707023

#1	-.000182	.0020519	.0125948
#2	-.000311	.0020072	.0126157
#3	-.000085	.0020724	.0126843

Int. Std.	Y_ 2243	Y_ 2243	Y_ 3600	Y_ 3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	964.0495	1803.814	49507.78	11977.00	3404.300
Stddev	4.6963	6.953	92.40	20.21	2.224
%RSD	.4871456	.3854605	.1866446	.1687325	.0653415

#1	960.1869	1808.249	49476.45	11982.98	3405.252
#2	969.2771	1795.801	49611.78	11993.55	3401.758
#3	962.6845	1807.392	49435.12	11954.48	3405.889

Sample Name: I4648-03LX5 Acquired: 8/11/2017 16:14:34 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v118) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MC1BB3L Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000087	-.000744	.0003703	.0004737	-.000296	.0104823	.0064383
Stddev	.002016	.001851	.0004227	.0032173	.000095	.0043304	.0001540
%RSD	2318.786	248.7724	114.1537	679.2412	32.13374	41.31131	2.391777

#1	-.000895	.000809	.0005251	-.002729	-.000316	.0067387	.0065580
#2	-.001574	-.000248	-.000108	.003705	-.000193	.0152248	.0062645
#3	.002208	-.002793	.000694	.000445	-.000380	.0094832	.0064922

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000180	-.000163	1.513098	-.002237	.0003596	.0001027	.0505670
Stddev	.000145	.000021	.013857	.000249	.0002198	.0001767	.0039727
%RSD	80.65863	12.68776	.9158229	11.13878	61.11010	172.0385	7.856346

#1	-.000037	-.000177	1.518009	-.002491	.0006011	-.000097	.0496806
#2	-.000175	-.000139	1.523830	-.002229	.0001715	.000165	.0549080
#3	-.000327	-.000172	1.497454	-.001992	.0003061	.000239	.0471123

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0766401	1.099691	.0023455	-.000148	3.019015	-.000095	.0014660
Stddev	.0002720	.014322	.0001502	.000431	.061624	.000503	.0020326
%RSD	.3549122	1.302327	6.402682	291.9103	2.041181	528.8326	138.6460

#1	.0769282	1.107995	.0024746	-.000035	2.949379	-.000573	.0011826
#2	.0766046	1.083154	.0023811	.000216	3.041158	-.000142	-.000410
#3	.0763877	1.107924	.0021807	-.000623	3.066507	.000430	.003625

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.8472656	.0002085	.0045266	-.000317	2.169144	.6252648	-.000214
Stddev	.0282930	.0003153	.0004061	.000267	.007997	.0057853	.000566
%RSD	3.339335	151.2112	8.971486	84.21692	.3686743	.9252603	264.7648

#1	.8454548	.0005722	.0049484	-.000010	2.161687	.6224701	-.000849
#2	.8199215	.0000417	.0044931	-.000497	2.177589	.6319169	.000235
#3	.8764206	.0000117	.0041383	-.000444	2.168155	.6214074	-.000027

Sample Name: I4648-03LX5 Acquired: 8/11/2017 16:14:34 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v118) Mode: CONC Corr. Factor: 1.000000
 User: JASWAL Custom ID1: MC1BB3L Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.0002872	.0004408	.0026277
Stddev	.0005662	.0000364	.0000129
%RSD	197.1338	8.254206	.4896680

#1	-.000034	.0004210	.0026236
#2	-.000046	.0004828	.0026421
#3	.000941	.0004187	.0026174

Int. Std.	Y_ 2243	Y_ 2243	Y_ 3600	Y_ 3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1003.064	1883.976	50627.19	11964.16	3582.650
Stddev	6.007	13.137	19.93	82.74	16.455
%RSD	.5988457	.6972982	.0393586	.6915884	.4592923

#1	1007.575	1868.921	50645.66	11965.71	3565.764
#2	1005.371	1889.891	50629.83	11880.65	3583.550
#3	996.246	1893.114	50606.07	12046.11	3598.636

Sample Name: I4648-06 Acquired: 8/11/2017 16:20:30 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v118) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MC1BB4 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0007365	-.000178	-.001527	.0009263	-.000955	.0005425	-.000452
Stddev	.0022224	.001424	.001303	.0031604	.000773	.0017060	.000203
%RSD	301.7589	800.0010	85.36553	341.1772	81.01266	314.4916	44.92013

#1	-.001824	.000281	-.002982	.0008237	-.001574	.0010332	-.000583
#2	.001872	.000959	-.000466	.0041368	-.000088	-.001355	-.000218
#3	.002161	-.001775	-.001133	-.002182	-.001202	.001949	-.000555

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000010	-.000173	.0337081	-.002330	-.000001	.0009050	.0021502
Stddev	.000049	.000038	.0017280	.000158	.000143	.0005410	.0022409
%RSD	479.2844	22.08674	5.126396	6.765646	22448.54	59.78416	104.2184

#1	.000010	-.000132	.0330835	-.002208	-.000126	.0009587	.0009539
#2	.000025	-.000207	.0323793	-.002508	-.000031	.0014171	.0047354
#3	-.000066	-.000181	.0356616	-.002274	.000155	.0003391	.0007613

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000060	.0038971	.0001868	.0000503	-.039701	.0005064	.0019983
Stddev	.000140	.0132870	.0000906	.0001798	.020822	.0007862	.0022484
%RSD	232.1664	340.9414	48.51092	357.2864	52.44697	155.2672	112.5166

#1	.000035	.0007324	.0002301	-.000157	-.025091	-.000140	.0042675
#2	-.000221	.0184807	.0000827	.000153	-.030470	.000277	.0019561
#3	.000005	-.007522	.0002477	.000155	-.063543	.001382	-.000229

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.892756	.0006412	.0008710	-.000140	-.030726	.0109141	.0007282
Stddev	.016936	.0002906	.0002327	.000107	.004652	.0009280	.0007901
%RSD	1.897093	45.32382	26.71430	76.55399	15.14078	8.502513	108.5012

#1	-.876763	.0009710	.0006562	-.000231	-.025586	.0116708	.0006486
#2	-.910500	.0004224	.0011182	-.000022	-.034648	.0111928	.0015551
#3	-.891005	.0005304	.0008387	-.000169	-.031944	.0098787	-.000019

Sample Name: I4648-06 Acquired: 8/11/2017 16:20:30 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v118) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MC1BB4 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.0002153	-.000395	.0000859
Stddev	.0002881	.000010	.0000006
%RSD	133.8608	2.627371	.6393258

#1	.0003047	-.000399	.0000854
#2	.0004481	-.000383	.0000857
#3	-.000107	-.000403	.0000865

Int. Std.	Y_ 2243	Y_ 2243	Y_ 3600	Y_ 3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1021.976	1904.964	51879.22	12168.27	3707.869
Stddev	3.162	16.965	152.98	30.66	23.197
%RSD	.3093901	.8905526	.2948720	.2519641	.6256200

#1	1025.537	1891.295	52054.51	12203.59	3690.440
#2	1020.893	1923.950	51772.66	12148.47	3734.198
#3	1019.498	1899.647	51810.50	12152.76	3698.968

Sample Name: I4648-07 Acquired: 8/11/2017 16:24:40 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v118) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MC1BB5 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0004907	-.001944	.0013007	-.001528	-.001713	.0134517	.0476854
Stddev	.0031458	.002012	.0006368	.000525	.000488	.0011890	.0001264
%RSD	641.0926	103.5012	48.95832	34.35954	28.46362	8.839191	.2650248

#1	-.001316	-.001249	.0005787	-.001177	-.001163	.0121228	.0475407
#2	-.001335	-.000372	.0017821	-.002132	-.002092	.0144150	.0477740
#3	.004123	-.004212	.0015411	-.001275	-.001886	.0138174	.0477416

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000066	-.000050	18.43863	-.001655	-.000692	.0014663	.0060482
Stddev	.000121	.000067	.04251	.000891	.000092	.0003386	.0032352
%RSD	182.8898	134.7907	.2305324	53.79503	13.24522	23.09420	53.49137

#1	.000073	-.000077	18.47237	-.001336	-.000621	.0012083	.0095790
#2	-.000137	-.000099	18.45263	-.000969	-.000796	.0018498	.0032260
#3	-.000135	.000027	18.39089	-.002662	-.000660	.0013408	.0053394

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.378745	3.788587	.0003598	-.000023	39.29575	.0006759	.0025517
Stddev	.000638	.038872	.0001029	.000112	.29765	.0015907	.0005215
%RSD	.0462431	1.026020	28.60181	484.2916	.7574513	235.3409	20.43911

#1	1.378823	3.746557	.0002461	-.000049	38.97689	.0002542	.0026956
#2	1.378072	3.795959	.0004466	.000099	39.56627	.0024350	.0029862
#3	1.379340	3.823244	.0003868	-.000119	39.34409	-.000661	.0019733

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	3.909783	.0012744	.0252904	.0000868	3.846223	1.992990	-.000260
Stddev	.057167	.0002212	.0003798	.0002210	.007248	.008078	.000680
%RSD	1.462164	17.35733	1.501839	254.6068	.1884370	.4053042	260.9640

#1	3.843953	.0011470	.0249785	-.000143	3.847069	1.996231	.000235
#2	3.946935	.0011463	.0251794	.000297	3.838589	1.998944	-.001035
#3	3.938461	.0015298	.0257134	.000106	3.853010	1.983795	.000019

Sample Name: I4648-07 Acquired: 8/11/2017 16:24:40 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v118) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MC1BB5 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.0000011	-.000304	.0389115
Stddev	.0006600	.000058	.0001452
%RSD	60415.79	19.03647	.3732525

#1	.0003563	-.000360	.0387438
#2	.0004074	-.000307	.0389927
#3	-.000760	-.000244	.0389981

Int. Std.	Y_ 2243	Y_ 2243	Y_ 3600	Y_ 3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	959.4703	1777.294	48847.59	11927.91	3278.231
Stddev	4.8421	3.198	93.19	19.84	3.865
%RSD	.5046633	.1799269	.1907817	.1663257	.1179107

#1	962.3942	1776.776	48927.47	11927.51	3281.591
#2	962.1356	1774.387	48745.21	11908.27	3274.007
#3	953.8811	1780.719	48870.09	11947.94	3279.097

Sample Name: I4648-08 Acquired: 8/11/2017 16:28:49 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v118) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MC1BB6 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0027857	-.002848	-.000730	-.000311	-.001064	.0077310	.0715440
Stddev	.0032896	.000273	.001386	.001305	.000520	.0035220	.0006614
%RSD	118.0888	9.573256	189.9209	419.8648	48.87304	45.55621	.9244762

#1	-.000836	-.002831	-.001344	-.000327	-.000736	.0047892	.0713658
#2	.003605	-.003128	.000857	.001002	-.001663	.0067703	.0722763
#3	.005589	-.002583	-.001702	-.001608	-.000792	.0116337	.0709900

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000095	-.000015	15.95683	-.001955	.0038077	.0028449	11.41951
Stddev	.000037	.000058	.13726	.000267	.0003943	.0005598	.10272
%RSD	39.00711	402.8218	.8602061	13.63939	10.35465	19.67875	.8994739

#1	-.000129	-.000040	15.95857	-.001881	.0038102	.0023938	11.41634
#2	-.000101	.000052	16.09321	-.001733	.0034122	.0026693	11.52378
#3	-.000056	-.000056	15.81870	-.002251	.0042007	.0034714	11.31842

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.718496	3.341364	.0008354	-.000007	25.29204	-.004360	.0006056
Stddev	.053756	.054989	.0002933	.000159	.23775	.001140	.0016242
%RSD	.9400441	1.645716	35.11017	2158.426	.9400153	26.13881	268.1897

#1	5.722107	3.343439	.0006214	-.000159	25.16680	-.005122	.0012333
#2	5.770356	3.395286	.0011697	.000158	25.56623	-.004910	-.001239
#3	5.663025	3.285366	.0007150	-.000021	25.14310	-.003050	.001822

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.9346593	.0021204	-.012611	-.000669	3.267575	2.112147	.0001061
Stddev	.0554265	.0002963	.000630	.000222	.009810	.026462	.0003808
%RSD	5.930127	13.97346	4.996847	33.15755	.3002078	1.252859	358.9754

#1	.9084082	.0022967	-.012489	-.000756	3.272534	2.118686	.0004094
#2	.9983344	.0017784	-.013293	-.000417	3.273914	2.134726	.0002301
#3	.8972354	.0022863	-.012051	-.000835	3.256276	2.083028	-.000321

Sample Name: I4648-08 Acquired: 8/11/2017 16:28:49 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v118) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MC1BB6 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	-.000342	.0002327	.0208744
Stddev	.000562	.0000506	.0002180
%RSD	164.3740	21.73862	1.044164

#1	-.000976	.0001868	.0207841
#2	-.000148	.0002244	.0211230
#3	.000098	.0002870	.0207161

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	960.0667	1778.625	49252.00	11971.09	3332.436
Stddev	5.6784	7.799	167.02	96.48	3.524
%RSD	.5914613	.4384832	.3391112	.8059654	.1057459

#1	956.7570	1774.473	49301.55	11955.83	3331.448
#2	966.6235	1787.622	49388.64	11883.15	3336.348
#3	956.8197	1773.780	49065.82	12074.29	3329.511

Sample Name: I4648-09 Acquired: 8/11/2017 16:32:57 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v118) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MC1BB7 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000317	-.003979	.0035153	.0085858	-.001149	.0874616	.0413482
Stddev	.003568	.002351	.0009602	.0028015	.002073	.0021250	.0005088
%RSD	1127.089	59.10055	27.31547	32.62969	180.4511	2.429680	1.230561

#1	.002865	-.003191	.0045000	.0082076	-.001648	.0896467	.0408356
#2	.000360	-.006623	.0034645	.0059925	.001128	.0854022	.0418532
#3	-.004174	-.002122	.0025815	.0115571	-.002926	.0873359	.0413559

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000283	-.000305	23.59006	.0000755	.1457442	.0039673	1.695785
Stddev	.000045	.000076	.17740	.0005624	.0007680	.0005482	.022021
%RSD	15.75804	24.76856	.7520289	744.6909	.5269539	13.81880	1.298597

#1	-.000328	-.000280	23.68843	-.000256	.1459258	.0039077	1.719172
#2	-.000281	-.000245	23.69648	-.000242	.1464051	.0045429	1.692735
#3	-.000239	-.000390	23.38526	.000725	.1449016	.0034513	1.675447

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	8.330506	6.431490	.0249714	-.000153	353.6562	-.007751	.0057190
Stddev	.039586	.039591	.0005908	.000187	2.4314	.001356	.0010245
%RSD	.4751952	.6155799	2.365810	122.1185	.6874919	17.49118	17.91302

#1	8.364077	6.421105	.0244697	-.000363	350.8779	-.008276	.0045613
#2	8.340587	6.398126	.0256226	-.000096	354.6956	-.006211	.0065082
#3	8.286854	6.475238	.0248221	-.000001	355.3951	-.008766	.0060877

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.515946	.0042962	.0436974	-.000215	203.7582	6.533118	.0006469
Stddev	.016703	.0003124	.0008429	.000283	.5612	.082932	.0005484
%RSD	.3698701	7.271216	1.929049	131.5662	.2754054	1.269414	84.77061

#1	4.507228	.0045513	.0430858	-.000523	204.3211	6.507241	.0004938
#2	4.505406	.0039478	.0433475	-.000154	203.1988	6.466210	.0001914
#3	4.535205	.0043895	.0446590	.000033	203.7547	6.625904	.0012556

Sample Name: I4648-09 Acquired: 8/11/2017 16:32:57 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v118) Mode: CONC Corr. Factor: 1.000000
 User: JASWAL Custom ID1: MC1BB7 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.0012953	.0024057	.0285498
Stddev	.0005035	.0000410	.0001015
%RSD	38.86883	1.703557	.3555343

#1	.0007388	.0023649	.0285003
#2	.0017191	.0024053	.0284824
#3	.0014280	.0024468	.0286665

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	880.5633	1658.741	44475.30	11661.46	2795.345
Stddev	10.9189	7.303	262.59	61.91	10.113
%RSD	1.239986	.4402471	.5904205	.5308765	.3617880

#1	878.7578	1665.018	44462.66	11683.12	2801.222
#2	870.6597	1650.726	44219.26	11709.62	2783.668
#3	892.2724	1660.479	44743.99	11591.63	2801.146

Sample Name: I4648-10 Acquired: 8/11/2017 16:37:02 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v118) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MC1BB8 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0004538	-.006917	.0033407	.0128014	-.000992	.0574671	.0405432
Stddev	.0027515	.000280	.0018768	.0030442	.001177	.0021702	.0002937
%RSD	606.3467	4.053625	56.17942	23.78000	118.6414	3.776421	.7244663

#1	-.001483	-.006954	.0041384	.0122490	.000354	.0550602	.0402109
#2	.003603	-.007178	.0046868	.0100712	-.001500	.0592745	.0407681
#3	-.000758	-.006620	.0011968	.0160839	-.001831	.0580667	.0406506

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000300	-.000249	23.41082	-.000390	.1441470	.0031947	1.420133
Stddev	.000056	.000145	.07345	.000211	.0002832	.0003590	.006489
%RSD	18.72653	58.20293	.3137336	54.18398	.1965007	11.23773	.4569059

#1	-.000361	-.000088	23.46886	-.000193	.1443613	.0028378	1.425392
#2	-.000289	-.000289	23.43535	-.000613	.1438258	.0035557	1.422126
#3	-.000250	-.000370	23.32824	-.000365	.1442537	.0031905	1.412882

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	8.388403	6.338871	.0243131	.0001933	349.3632	-.005160	.0047026
Stddev	.031724	.072390	.0001627	.0001444	2.2613	.000783	.0010978
%RSD	.3781866	1.142007	.6692762	74.70414	.6472540	15.16969	23.34559

#1	8.401418	6.256835	.0244823	.0000376	347.3477	-.005350	.0055436
#2	8.411550	6.366000	.0241578	.0003228	348.9335	-.004300	.0034606
#3	8.352242	6.393779	.0242991	.0002196	351.8085	-.005831	.0051035

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.407593	.0035180	.0436289	-.000338	202.0587	6.442266	-.001176
Stddev	.072567	.0002032	.0009989	.000196	.2145	.052777	.001253
%RSD	1.646414	5.777027	2.289481	58.00046	.1061526	.8192322	106.4795

#1	4.356129	.0035222	.0434012	-.000438	202.2168	6.461334	-.002027
#2	4.376057	.0033127	.0427636	-.000463	202.1448	6.482859	-.001764
#3	4.490593	.0037191	.0447220	-.000112	201.8146	6.382605	.000262

Sample Name: I4648-10 Acquired: 8/11/2017 16:37:02 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v118) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MC1BB8 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.0010732	.0023469	.0281306
Stddev	.0004852	.0000138	.0001226
%RSD	45.21078	.5856648	.4358438

#1	.0013036	.0023349	.0280284
#2	.0014004	.0023619	.0280968
#3	.0005158	.0023439	.0282665

Int. Std.	Y_ 2243	Y_ 2243	Y_ 3600	Y_ 3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	885.3090	1648.428	44701.61	11697.66	2789.882
Stddev	11.7630	9.103	259.35	13.24	13.145
%RSD	1.328694	.5521989	.5801880	.1131543	.4711742

#1	895.0713	1641.110	44894.32	11710.17	2778.195
#2	888.6067	1658.621	44803.78	11699.01	2804.113
#3	872.2491	1645.551	44406.73	11683.80	2787.338

Sample Name: I4648-11 Acquired: 8/11/2017 16:41:07 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v118) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MC1BB9 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0009811	-.012394	.0003260	-.008536	-.001003	.0077783	.0587374
Stddev	.0034028	.000789	.0013495	.001764	.001489	.0016506	.0002580
%RSD	346.8451	6.367727	414.0024	20.66835	148.4683	21.22037	.4392831

#1	-.001284	-.011483	-.001223	-.008528	-.002720	.0069669	.0588482
#2	.004894	-.012830	.000954	-.006776	-.000062	.0096776	.0589215
#3	-.000667	-.012869	.001247	-.010304	-.000227	.0066905	.0584425

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000459	.0002869	17.66190	-.002499	.0085582	.0074858	32.29713
Stddev	.000070	.0001404	.07072	.000715	.0001499	.0007859	.06961
%RSD	15.21189	48.92139	.4004051	28.61809	1.752058	10.49816	.2155215

#1	-.000391	.0002370	17.72999	-.001696	.0085586	.0078601	32.36457
#2	-.000456	.0004454	17.58882	-.002734	.0084081	.0080145	32.22554
#3	-.000531	.0001783	17.66690	-.003068	.0087079	.0065827	32.30130

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	18.43698	6.128907	.0023585	.0003194	231.4132	-.017507	.0025086
Stddev	.05777	.016857	.0007690	.0001803	.9495	.000966	.0009881
%RSD	.3133533	.2750396	32.60314	56.44218	.4103205	5.517526	39.38691

#1	18.46491	6.141303	.0026283	.0005109	230.9314	-.016911	.0017811
#2	18.37055	6.135705	.0014910	.0001530	232.5071	-.016989	.0036335
#3	18.47548	6.109712	.0029562	.0002942	230.8012	-.018622	.0021113

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.974558	.0049730	-.069543	-.001745	123.4818	2.311943	.0010912
Stddev	.005895	.0001850	.001615	.000145	.1945	.002711	.0007105
%RSD	.2985499	3.719992	2.322610	8.316656	.1575197	.1172670	65.11127

#1	1.973864	.0048607	-.068086	-.001579	123.6488	2.311272	.0009919
#2	1.969041	.0048718	-.069262	-.001806	123.5282	2.314927	.0004356
#3	1.980769	.0051865	-.071280	-.001849	123.2682	2.309630	.0018460

Sample Name: I4648-11 Acquired: 8/11/2017 16:41:07 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v118) Mode: CONC Corr. Factor: 1.000000
 User: JASWAL Custom ID1: MC1BB9 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	-.000247	.0060586	.0227536
Stddev	.000666	.0000436	.0000924
%RSD	269.4742	.7193212	.4061580

#1	-.000956	.0060814	.0227327
#2	.000367	.0060861	.0228547
#3	-.000152	.0060084	.0226734

Int. Std.	Y_ 2243	Y_ 2243	Y_ 3600	Y_ 3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	891.7197	1656.112	45469.46	11731.50	2889.260
Stddev	8.6775	10.567	128.80	9.67	11.546
%RSD	.9731226	.6380392	.2832753	.0823906	.3996285

#1	882.0620	1659.712	45332.64	11720.35	2889.207
#2	894.2365	1644.216	45487.36	11737.49	2877.741
#3	898.8606	1664.408	45588.37	11736.66	2900.833

Sample Name: I4648-12 Acquired: 8/11/2017 16:45:11 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v118) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MC1BC0 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.001921	-.002333	.0028669	.0029733	-.000336	.0865835	.0194728
Stddev	.001399	.000790	.0011703	.0025088	.000630	.0020786	.0001732
%RSD	72.81245	33.85146	40.81960	84.38028	187.4282	2.400653	.8895311

#1	-.003313	-.002220	.0025660	.0054182	.000383	.0887281	.0192817
#2	-.001936	-.003173	.0041583	.0004051	-.000601	.0864443	.0196194
#3	-.000515	-.001606	.0018766	.0030965	-.000790	.0845780	.0195173

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000117	-.000219	11.54137	.0149398	.0024647	.0071784	.0708307
Stddev	.000119	.000185	.03303	.0003610	.0001724	.0002806	.0047994
%RSD	101.7635	84.85824	.2862058	2.416144	6.996805	3.908442	6.775876

#1	-.000125	-.000005	11.53324	.0147054	.0024302	.0069511	.0674474
#2	.000006	-.000316	11.57771	.0153554	.0026517	.0070921	.0763236
#3	-.000232	-.000335	11.51316	.0147585	.0023120	.0074919	.0687211

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.101509	3.117502	.0077390	-.000116	662.5876	-.000247	.0118794
Stddev	.001528	.036135	.0002834	.000265	4.0346	.000318	.0012973
%RSD	.0726941	1.159085	3.662056	229.7409	.6089203	128.9347	10.92039

#1	2.101237	3.077977	.0079838	-.000111	658.3090	-.000459	.0132490
#2	2.103154	3.148842	.0078048	.000148	663.1305	.000119	.0117201
#3	2.100135	3.125687	.0074285	-.000383	666.3233	-.000401	.0106691

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	3.866527	.0034504	.0254439	.0005424	390.1317	6.685958	.0000370
Stddev	.012505	.0005604	.0008605	.0000845	.0689	.062598	.0009528
%RSD	.3234200	16.24103	3.381999	15.58855	.0176507	.9362536	2573.088

#1	3.879930	.0031189	.0259748	.0004604	390.1614	6.614150	-.000668
#2	3.855173	.0040974	.0244510	.0006293	390.0530	6.714713	.001121
#3	3.864478	.0031349	.0259059	.0005376	390.1808	6.729012	-.000342

Sample Name: I4648-12 Acquired: 8/11/2017 16:45:11 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v118) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MC1BC0 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.0031501	.0001938	.0171587
Stddev	.0002226	.0000086	.0000576
%RSD	7.067526	4.418554	.3354364

#1	.0028981	.0001908	.0171151
#2	.0032319	.0001872	.0171369
#3	.0033202	.0002035	.0172239

Int. Std.	Y_ 2243	Y_ 2243	Y_ 3600	Y_ 3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	872.6894	1621.027	43360.65	11625.27	2626.143
Stddev	7.5313	1.695	171.00	23.85	5.074
%RSD	.8630024	.1045883	.3943607	.2051631	.1932193

#1	875.7377	1622.924	43198.45	11648.00	2631.984
#2	864.1117	1620.498	43344.24	11627.38	2622.822
#3	878.2187	1619.659	43539.26	11600.44	2623.624

Sample Name: I4648-13 Acquired: 8/11/2017 16:49:15 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v118) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MC1BC1 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0011059	.0003458	-.000448	.0001970	-.001191	.0036309	-.000477
Stddev	.0037751	.0012602	.000713	.0016365	.000347	.0030668	.000196
%RSD	341.3646	364.4002	159.1238	830.5981	29.11192	84.46397	41.06617

#1	-.003170	.0009716	.000046	-.000784	-.001558	.0067563	-.000703
#2	.003976	-.001105	-.000125	.002086	-.001145	.0006262	-.000376
#3	.002512	.001171	-.001266	-.000711	-.000869	.0035103	-.000352

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000097	-.000105	.0140921	-.001852	-.000160	-.000125	.0012694
Stddev	.000025	.000075	.0083927	.000629	.000137	.000569	.0026030
%RSD	25.37527	71.34670	59.55591	33.98568	85.63205	453.3144	205.0591

#1	-.000093	-.000044	.0090681	-.002568	-.000169	.000150	.0026348
#2	-.000123	-.000189	.0237809	-.001387	-.000293	.000253	-.001732
#3	-.000074	-.000083	.0094272	-.001601	-.000019	-.000780	.002906

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0001336	-.007796	.0001949	-.000232	.0649508	.0010126	.0016625
Stddev	.0002405	.014004	.0002441	.000217	.0295138	.0005206	.0003952
%RSD	179.9801	179.6392	125.2072	93.66541	45.44016	51.41513	23.77254

#1	.0001497	-.000753	.0004244	-.000184	.0630517	.0006834	.0013403
#2	.0003657	-.023923	.0002220	-.000042	.0953683	.0007416	.0015437
#3	-.000115	.001289	-.000062	-.000468	.0364325	.0016129	.0021035

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.911178	.0007099	-.000271	-.000103	-.024059	.0111900	-.000448
Stddev	.013074	.0002291	.000561	.000031	.003331	.0004431	.001557
%RSD	1.434810	32.27667	207.0323	30.22412	13.84343	3.959628	347.3182

#1	-.905960	.0006322	-.000151	-.000106	-.025263	.0106988	-.002243
#2	-.926055	.0009677	.000220	-.000071	-.020293	.0113117	.000547
#3	-.901519	.0005297	-.000882	-.000133	-.026619	.0115595	.000351

Sample Name: I4648-13 Acquired: 8/11/2017 16:49:15 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v118) Mode: CONC Corr. Factor: 1.000000
 User: JASWAL Custom ID1: MC1BC1 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.0000964	-.000395	.0000714
Stddev	.0002469	.000017	.0000083
%RSD	256.0865	4.364598	11.68832

#1	.0001215	-.000411	.0000767
#2	-.000162	-.000376	.0000758
#3	.000330	-.000397	.0000618

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1004.338	1855.060	51872.86	12154.07	3649.058
Stddev	12.470	2.739	184.36	53.08	2.664
%RSD	1.241637	.1476512	.3554110	.4367329	.0730147

#1	1018.708	1855.239	52023.72	12109.45	3651.558
#2	996.352	1857.706	51667.35	12212.77	3646.255
#3	997.954	1852.236	51927.51	12140.00	3649.361

Sample Name: PB101449BL Acquired: 8/11/2017 16:53:26 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v118) Mode: CONC Corr. Factor: 1.000000
 User: JASWAL Custom ID1: PBS002 Custom ID2: Custom ID3:
 Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0010756	-.000366	-.000179	.0006020	-.001697	.0012071	-.000557
Stddev	.0003524	.001010	.000445	.0016406	.001154	.0016568	.000209
%RSD	32.76420	276.1443	248.9975	272.5280	67.97039	137.2628	37.49268

#1	.0011821	.000537	.000079	-.000632	-.002749	.0029932	-.000782
#2	.0013626	-.000178	.000077	-.000026	-.001879	-.000280	-.000371
#3	.0006823	-.001457	-.000693	.002464	-.000463	.000907	-.000516

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0000358	-.000111	.0048040	-.001694	-.000022	-.000220	-.004966
Stddev	.0001531	.000071	.0022667	.000251	.000149	.000961	.009568
%RSD	427.6329	63.60684	47.18397	14.84793	691.9568	437.2872	192.6694

#1	.0001433	-.000163	.0025635	-.001897	-.000147	-.000591	-.013805
#2	-.000139	-.000139	.0070960	-.001413	-.000062	-.000940	.005194
#3	.000104	-.000031	.0047525	-.001771	.000144	.000872	-.006287

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0001568	-.006989	-.000061	-.000227	.0329644	.0000039	-.000894
Stddev	.0000059	.009169	.000180	.000148	.0426287	.0006726	.000865
%RSD	3.758019	131.2052	296.2785	65.04761	129.3176	17183.17	96.72841

#1	.0001635	-.005233	-.000112	-.000220	-.010219	-.000735	-.001210
#2	.0001539	-.016909	.000139	-.000083	.075016	.000166	.000084
#3	.0001528	.001176	-.000210	-.000379	.034095	.000581	-.001556

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.032432	-.000344	.0003362	-.000433	-.013057	.0003792	.0002126
Stddev	.022425	.000327	.0004255	.000478	.002896	.0013059	.0008758
%RSD	69.14401	95.04372	126.5605	110.5569	22.17760	344.3825	411.9566

#1	-.006626	-.000145	.0007129	-.000884	-.010937	.0016595	-.000492
#2	-.047184	-.000722	.0004210	-.000483	-.016356	-.000951	.001193
#3	-.043487	-.000166	-.000125	.000069	-.011877	.000429	-.000063

Sample Name: PB101449BL Acquired: 8/11/2017 16:53:26 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v118) Mode: CONC Corr. Factor: 1.000000
 User: JASWAL Custom ID1: PBS002 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	-.000188	.0002135	.0000684
Stddev	.000189	.0000247	.0000050
%RSD	100.6181	11.58797	7.280302

#1	-.000121	.0002326	.0000628
#2	-.000400	.0002223	.0000723
#3	-.000041	.0001855	.0000700

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1008.549	1882.342	51118.26	11925.97	3627.383
Stddev	4.900	7.641	72.63	97.60	13.898
%RSD	.4858485	.4059395	.1420838	.8183920	.3831462

#1	1011.379	1874.650	51162.16	11818.47	3611.435
#2	1002.891	1889.931	51158.20	11950.45	3636.910
#3	1011.377	1882.446	51034.43	12009.01	3633.804

Sample Name: PB101449BS Acquired: 8/11/2017 16:57:36 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v118) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: LCS002 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0187706	.0617557	.0206976	.0755070	.1272278	.3947189
Stddev	.0024574	.0024954	.0005398	.0004981	.0021952	.0061798
%RSD	13.09159	4.040764	2.608115	.6596721	1.725429	1.565613

#1	.0169423	.0592469	.0203725	.0749984	.1277209	.3912052
#2	.0178055	.0642375	.0213208	.0755287	.1291346	.4018544
#3	.0215640	.0617829	.0203997	.0759939	.1248280	.3910972

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.3788656	.0117289	.0099264	9.630519	.0196377	.0920953
Stddev	.0044025	.0000625	.0001821	.045920	.0006315	.0004326
%RSD	1.162024	.5331959	1.834216	.4768225	3.215725	.4696838

#1	.3750759	.0117027	.0097311	9.649074	.0197712	.0917399
#2	.3836949	.0118002	.0099569	9.664258	.0201918	.0925769
#3	.3778260	.0116837	.0100914	9.578224	.0189501	.0919692

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0513711	.2187280	.0328872	10.60372	.0794761	.0215754
Stddev	.0011885	.0083308	.0003479	.12075	.0002012	.0001951
%RSD	2.313630	3.808755	1.057904	1.138772	.2531774	.9044765

#1	.0500455	.2138220	.0332651	10.50201	.0795038	.0217746
#2	.0523418	.2283470	.0328163	10.73717	.0792625	.0213845
#3	.0517259	.2140152	.0325801	10.57199	.0796620	.0215671

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	9.834105	.1069690	.1127049	9.158865	F .0034580	F .0238044
Stddev	.084179	.0026049	.0008977	.135201	.0000623	.0013211
%RSD	.8559950	2.435173	.7964617	1.476176	1.800963	5.549767

#1	9.737140	.1040466	.1123842	9.037498	.0034531	.0237840
#2	9.888458	.1090469	.1120117	9.304589	.0035225	.0251356
#3	9.876718	.1078135	.1137189	9.134509	.0033983	.0224936

Sample Name: PB101449BS Acquired: 8/11/2017 16:57:36 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v118) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: LCS002 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0237353	.1534463	.2141643	F .0135665	.2037592	.0145885
Stddev	.0001179	.0031224	.0014894	.0009018	.0007214	.0003150
%RSD	.4968803	2.034856	.6954515	6.647064	.3540671	2.159459

#1	.0238054	.1569885	.2146195	.0145951	.2033031	.0143626
#2	.0238013	.1510930	.2153729	.0131924	.2045910	.0149484
#3	.0235991	.1522573	.2125004	.0129120	.2033836	.0144545

Elem	Sr4077
Units	ppm
Avg	.0480524
Stddev	.0005313
%RSD	1.105737

#1	.0476721
#2	.0486595
#3	.0478257

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	997.7662	1813.675	50490.92	12193.69	3417.155
Stddev	9.2030	22.549	168.70	120.15	24.992
%RSD	.9223574	1.243263	.3341145	.9853450	.7313552

#1	1003.642	1801.633	50382.70	12256.83	3404.685
#2	1002.496	1799.703	50685.30	12055.14	3400.852
#3	987.160	1839.688	50404.77	12269.11	3445.928

Sample Name: I4725-01 Acquired: 8/11/2017 17:01:43 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v118) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MJJ3W2 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	7.950789	-.104287	F 422.2514	-.293547	2.170360	47.75251
Stddev	.066155	.013560	.6647	.004506	.012691	.19244
%RSD	.8320563	13.00297	.1574216	1.535174	.5847521	.4029854

#1	7.948827	-.118388	423.0140	-.298287	2.165232	47.57692
#2	8.017903	-.091341	421.9454	-.293035	2.184813	47.72236
#3	7.885636	-.103133	421.7947	-.289318	2.161035	47.95824

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	3.184417	.0130892	.6676092	F 1375.652	-.105022	.0574781
Stddev	.002578	.0003426	.0010988	42.606	.003529	.0005135
%RSD	.0809594	2.617462	.1645846	3.097147	3.360696	.8933785

#1	3.181678	.0134833	.6681572	1326.478	-.101920	.0578901
#2	3.186796	.0128617	.6683262	1398.923	-.108862	.0569028
#3	3.184776	.0129227	.6663442	1401.554	-.104285	.0576413

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	10.74975	F 1236.328	F 104.6086	F 818.5493	.0218886	.4585435
Stddev	.04477	6.878	1.2599	2.8519	.0030166	.0007273
%RSD	.4164833	.5563359	1.204436	.3484130	13.78143	.1586042

#1	10.74413	1230.996	103.6890	816.0906	.0248672	.4585261
#2	10.70806	1244.092	104.0922	821.6759	.0219633	.4592793
#3	10.79707	1233.896	106.0447	817.8812	.0188355	.4578251

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	10.57877	4.679104	F 169.8742	5.796902	2.203451	^ *****
Stddev	.16579	.045359	4.8723	.027900	.003275	-----
%RSD	1.567211	.9693950	2.868198	.4812942	.1486496	-----

#1	10.74124	4.634235	165.2098	5.806888	2.200807	^ -----
#2	10.40984	4.724938	174.9308	5.765384	2.202430	^ -----
#3	10.58523	4.678140	169.4821	5.818436	2.207115	^ -----

Sample Name: I4725-01 Acquired: 8/11/2017 17:01:43 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v118) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MJJ3W2 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0038491	5.286793	15.63563	.0794759	.5173177	.0098640
Stddev	.0007131	.026161	.19153	.0038571	.0035791	.0001208
%RSD	18.52620	.4948366	1.224929	4.853141	.6918588	1.225036

#1	.0046466	5.315656	15.81379	.0750268	.5132359	.0097360
#2	.0036278	5.264642	15.43308	.0815247	.5199190	.0098800
#3	.0032729	5.280081	15.66001	.0818764	.5187983	.0099761

Elem	Sr4077
Units	ppm
Avg	.1147827
Stddev	.0002828
%RSD	.2463505

#1	.1144570
#2	.1149259
#3	.1149653

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	676.8885	1318.882	41265.16	10588.83	1826.961
Stddev	20.0634	9.981	529.63	11.21	8.339
%RSD	2.964060	.7568065	1.283473	.1058270	.4564279

#1	695.5516	1319.740	41784.76	10581.64	1830.433
#2	655.6697	1308.499	40726.04	10601.74	1817.447
#3	679.4441	1328.407	41284.66	10583.12	1833.002

Sample Name: I4725-02 Acquired: 8/11/2017 17:05:57 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v118) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MJJ3W3 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	7.037006	-.207130	F 176.8586	-.287165	1.055203	104.3621
Stddev	.024058	.002004	.7086	.005913	.004112	.8470
%RSD	.3418817	.9676565	.4006705	2.059029	.3896946	.8116319

#1	7.024185	-.208555	176.6990	-.293892	1.051001	104.4119
#2	7.022073	-.204838	176.2433	-.282792	1.055390	105.1831
#3	7.064759	-.207998	177.6334	-.284811	1.059218	103.4912

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.909116	.0143624	.8207801	F 978.0822	-.072691	.0733297
Stddev	.035420	.0000540	.0044501	9.7868	.002527	.0010974
%RSD	.5994056	.3760692	.5421772	1.000611	3.475911	1.496468

#1	5.905340	.0143696	.8193228	987.4242	-.070096	.0737503
#2	5.946272	.0143052	.8172413	978.9182	-.075144	.0720842
#3	5.875735	.0144124	.8257761	967.9042	-.072834	.0741545

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	6.229727	F 1268.269	F 91.72484	567.6192	.0972178	.2393892
Stddev	.042743	18.311	.44896	6.2123	.0038434	.0029452
%RSD	.6861158	1.443806	.4894634	1.094452	3.953348	1.230293

#1	6.251012	1255.195	92.05447	563.7452	.0996633	.2361443
#2	6.257648	1289.197	91.90653	574.7847	.0927879	.2418931
#3	6.180520	1260.414	91.21351	564.3278	.0992023	.2401304

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	10.44599	1.169206	F 138.8497	15.48634	1.817298	^ *****
Stddev	.11987	.010722	2.3539	.18250	.012916	-----
%RSD	1.147482	.9170195	1.695317	1.178481	.7107225	-----

#1	10.56636	1.159574	136.3426	15.59316	1.816707	^ -----
#2	10.44496	1.180758	141.0125	15.59025	1.804688	^ -----
#3	10.32664	1.167286	139.1942	15.27561	1.830499	^ -----

Sample Name: I4725-02 Acquired: 8/11/2017 17:05:57 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v118) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MJJ3W3 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0199680	4.631880	7.322109	.0653749	1.738276	.0204353
Stddev	.0010169	.037924	.117269	.0019483	.023503	.0001372
%RSD	5.092535	.8187606	1.601579	2.980207	1.352079	.6715423

#1	.0188604	4.623401	7.270522	.0664904	1.721529	.0205057
#2	.0201845	4.598912	7.456329	.0631252	1.765144	.0205231
#3	.0208593	4.673325	7.239478	.0665091	1.728155	.0202772

Elem	Sr4077
Units	ppm
Avg	.0870048
Stddev	.0007726
%RSD	.8880277

#1	.0868385
#2	.0878470
#3	.0863288

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	733.2071	1406.848	42573.31	11066.34	1910.325
Stddev	9.7130	5.046	391.70	102.19	7.367
%RSD	1.324721	.3586715	.9200627	.9234008	.3856168

#1	743.2465	1406.035	43004.36	11073.96	1909.201
#2	723.8574	1412.250	42239.15	10960.56	1918.190
#3	732.5173	1402.257	42476.41	11164.51	1903.586

Sample Name: I4725-03 Acquired: 8/11/2017 17:10:13 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v118) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MJJ3W4 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.402476	.0321132	F 416.9907	-.199190	1.203706	79.43058
Stddev	.013285	.0038986	1.3935	.004380	.003009	.46127
%RSD	.2459079	12.14016	.3341724	2.199011	.2500108	.5807169

#1	5.411892	.0339498	417.5458	-.195616	1.202928	79.91402
#2	5.408256	.0347543	418.0210	-.204076	1.201162	78.99526
#3	5.387280	.0276355	415.4052	-.197876	1.207028	79.38248

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.477477	.0104687	.5445236	F 827.6277	-.040491	.0666846
Stddev	.021207	.0002462	.0014971	1.1264	.002322	.0003368
%RSD	.4736325	2.351760	.2749400	.1360981	5.734163	.5051261

#1	4.501393	.0107033	.5456114	826.4166	-.038518	.0667387
#2	4.460966	.0102123	.5451432	828.6440	-.043050	.0669910
#3	4.470071	.0104905	.5428161	827.8223	-.039905	.0663239

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	7.927848	F 855.8194	F 85.02023	493.2303	.0657815	.4395477
Stddev	.061216	1.1223	.99231	.3677	.0015581	.0004219
%RSD	.7721667	.1311430	1.167143	.0745405	2.368649	.0959876

#1	7.987052	855.5393	84.74622	493.6514	.0675042	.4393361
#2	7.864800	857.0552	86.12075	493.0664	.0653698	.4400335
#3	7.931691	854.8635	84.19372	492.9731	.0644706	.4392734

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	7.366159	F 6.458276	F 117.9194	11.47282	2.347090	-2.63920
Stddev	.074878	.014124	.7668	.06461	.002915	.01530
%RSD	1.016516	.2186909	.6502617	.5631657	.1242054	.5796342

#1	7.420015	6.474543	117.0595	11.54453	2.345685	-2.65683
#2	7.397810	6.449141	118.5321	11.45479	2.350442	-2.62941
#3	7.280653	6.451144	118.1665	11.41914	2.345144	-2.63137

Sample Name: I4725-03 Acquired: 8/11/2017 17:10:13 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v118) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MJJ3W4 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000283	5.096144	7.840453	.0567076	1.374523	.0131482
Stddev	.000137	.016186	.150719	.0014348	.006486	.0000943
%RSD	48.44835	.3176068	1.922325	2.530170	.4718984	.7172694

#1	-.000362	5.080221	7.953729	.0552780	1.375472	.0132351
#2	-.000364	5.112580	7.669392	.0566973	1.367614	.0130479
#3	-.000125	5.095629	7.898237	.0581476	1.380482	.0131616

Elem	Sr4077
Units	ppm
Avg	.0843258
Stddev	.0002090
%RSD	.2478143

#1	.0845668
#2	.0841947
#3	.0842161

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	750.3864	1432.109	45044.60	11214.75	2065.337
Stddev	4.7266	5.680	213.40	86.65	6.667
%RSD	.6298879	.3966021	.4737590	.7726118	.3227823

#1	754.0611	1425.629	45009.91	11125.14	2057.859
#2	745.0543	1436.225	44850.67	11221.03	2067.490
#3	752.0438	1434.473	45273.22	11298.09	2070.660

Sample Name: I4725-04 Acquired: 8/11/2017 17:14:19 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v118) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MJJ3W5 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.591893	-.008915	F 373.7978	-.208091	1.304810	82.54292
Stddev	.033403	.001841	2.5354	.009375	.003718	.94523
%RSD	.5973525	20.65586	.6782860	4.505038	.2849755	1.145139

#1	5.625907	-.008750	376.1068	-.197429	1.302669	83.28343
#2	5.559136	-.010833	374.2020	-.211805	1.302657	82.86706
#3	5.590634	-.007162	371.0845	-.215041	1.309103	81.47826

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.429634	.0107328	.5973721	F 941.0848	-.035780	.0800606
Stddev	.047976	.0003257	.0064711	5.7818	.002133	.0006031
%RSD	1.083066	3.034282	1.083262	.6143752	5.962673	.7533203

#1	4.469488	.0110469	.6024433	946.4993	-.037569	.0798548
#2	4.443032	.0103967	.5995890	941.7600	-.036353	.0807397
#3	4.376384	.0107549	.5900838	934.9951	-.033419	.0795874

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	8.276374	F 900.7723	F 86.05165	573.5502	.0670204	.3725800
Stddev	.129347	4.3701	.83995	3.0611	.0014700	.0012277
%RSD	1.562845	.4851503	.9760992	.5337146	2.193348	.3295138

#1	8.375887	900.7067	86.26654	574.5216	.0685695	.3720204
#2	8.323071	905.1748	86.76328	576.0078	.0656449	.3717319
#3	8.130163	896.4353	85.12513	570.1213	.0668470	.3739879

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	7.976923	F 5.533225	F 126.5652	11.81634	2.188806	-2.79135
Stddev	.076410	.030558	.5254	.19424	.012273	.02392
%RSD	.9578926	.5522612	.4151410	1.643864	.5607324	.8568041

#1	8.059464	5.540090	126.5757	11.98792	2.199418	-2.80419
#2	7.962647	5.559766	127.0853	11.85566	2.191635	-2.80610
#3	7.908657	5.499819	126.0346	11.60545	2.175365	-2.76375

Sample Name: I4725-04 Acquired: 8/11/2017 17:14:19 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v118) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MJJ3W5 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0016054	5.700763	7.983426	.0530854	1.491805	.0137879
Stddev	.0001785	.043420	.037795	.0000967	.005244	.0001888
%RSD	11.11672	.7616548	.4734181	.1821225	.3515208	1.369515

#1	.0015369	5.748446	7.964063	.0530087	1.491292	.0139176
#2	.0014712	5.690343	8.026979	.0531940	1.497287	.0138747
#3	.0018079	5.663502	7.959235	.0530536	1.486836	.0135712

Elem	Sr4077
Units	ppm
Avg	.0888374
Stddev	.0007761
%RSD	.8735761

#1	.0893207
#2	.0892493
#3	.0879422

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	727.7740	1415.241	43950.93	11143.05	2008.027
Stddev	8.9071	5.263	296.84	125.34	.839
%RSD	1.223877	.3718781	.6753928	1.124817	.0417825

#1	720.1509	1418.290	43643.41	11052.11	2008.869
#2	725.6062	1418.269	43973.59	11091.00	2008.020
#3	737.5649	1409.164	44235.79	11286.02	2007.191

Sample Name: I4725-05 Acquired: 8/11/2017 17:18:33 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v118) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MJJ3W6 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.608731	-.126794	F 231.3956	-.205975	1.071876	84.43228
Stddev	.024118	.002990	.7505	.008019	.004864	.26639
%RSD	.4300027	2.358444	.3243230	3.893146	.4537398	.3155108

#1	5.608166	-.129565	231.7923	-.215211	1.066843	84.58508
#2	5.584901	-.127192	230.5300	-.201926	1.072234	84.12468
#3	5.633126	-.123624	231.8645	-.200788	1.076550	84.58709

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	3.305444	.0097975	1.186856	F 1290.940	-.104512	.0558293
Stddev	.003012	.0002666	.004418	8.771	.001194	.0009461
%RSD	.0911308	2.720850	.3722100	.6794626	1.142384	1.694624

#1	3.302141	.0095553	1.189515	1287.987	-.104459	.0552658
#2	3.308040	.0097542	1.181756	1284.026	-.105731	.0553006
#3	3.306152	.0100831	1.189296	1300.806	-.103345	.0569216

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	7.405222	F 847.2540	F 78.30046	778.7874	.0248394	.2539697
Stddev	.027839	2.5680	.25906	1.7613	.0015997	.0004693
%RSD	.3759412	.3031018	.3308496	.2261611	6.440226	.1847968

#1	7.431976	845.0759	78.03043	777.0917	.0238042	.2541977
#2	7.376411	850.0857	78.54694	780.6078	.0240321	.2534299
#3	7.407279	846.6003	78.32402	778.6628	.0266819	.2542815

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	7.695111	1.605494	F 187.0331	10.29092	1.634950	-2.66804
Stddev	.111627	.005831	.4678	.05553	.009405	.00862
%RSD	1.450616	.3631834	.2500964	.5395737	.5752486	.3230447

#1	7.571729	1.599117	186.5928	10.32361	1.634325	-2.66960
#2	7.724506	1.606811	187.5242	10.22680	1.625874	-2.65875
#3	7.789099	1.610553	186.9824	10.32233	1.644652	-2.67578

Sample Name: I4725-05 Acquired: 8/11/2017 17:18:33 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v118) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MJJ3W6 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.013381	4.919187	15.86236	.0532585	1.175561	.0146427
Stddev	.001342	.026303	.05246	.0022557	.003528	.0000874
%RSD	10.02861	.5347007	.3306906	4.235381	.3000810	.5968489

#1	-.011835	4.946282	15.82670	.0539351	1.172830	.0147307
#2	-.014065	4.893755	15.83778	.0550985	1.174310	.0145560
#3	-.014244	4.917525	15.92259	.0507420	1.179544	.0146413

Elem	Sr4077
Units	ppm
Avg	.1045411
Stddev	.0001146
%RSD	.1095931

#1	.1046336
#2	.1044129
#3	.1045767

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	726.4010	1374.493	41739.36	10946.66	1911.797
Stddev	4.0233	3.792	176.25	15.93	9.157
%RSD	.5538649	.2759032	.4222699	.1455067	.4789600

#1	727.4181	1373.258	41627.67	10956.69	1910.192
#2	721.9668	1378.748	41647.86	10928.30	1921.650
#3	729.8182	1371.471	41942.54	10955.01	1903.549

Sample Name: I4725-06 Acquired: 8/11/2017 17:22:41 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v118) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MJJ3W7 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0297336	-.008119	.4646036	.0001729	.0021706	48.98450	.6175391
Stddev	.0038472	.000458	.0016435	.0032965	.0006029	.09627	.0007298
%RSD	12.93888	5.637630	.3537314	1906.212	27.77416	.1965328	.1181700

#1	.0268052	-.008104	.4664966	.0027769	.0015114	49.09546	.6183815
#2	.0283048	-.007668	.4635420	-.003533	.0023066	48.92311	.6171355
#3	.0340907	-.008583	.4637721	.001275	.0026939	48.93495	.6171003

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0026389	.0034452	31.79548	.0422576	.0247167	.0630386	55.95486
Stddev	.0000929	.0000280	.13374	.0002365	.0001973	.0003280	.06365
%RSD	3.518751	.8131962	.4206236	.5596323	.7983550	.5203568	.1137447

#1	.0025379	.0034564	31.65058	.0424917	.0246080	.0632973	55.92179
#2	.0027206	.0034133	31.82167	.0422622	.0245976	.0631488	55.91457
#3	.0026583	.0034658	31.91419	.0420188	.0249445	.0626697	56.02824

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	3.791933	30.79659	.0418650	.0002635	.6320783	.0786869	.6838845
Stddev	.015889	.08158	.0003582	.0001426	.0326765	.0016467	.0105738
%RSD	.4190239	.2649098	.8555828	54.11976	5.169691	2.092726	1.546141

#1	3.774636	30.80389	.0416760	.0000993	.6672915	.0790458	.6743624
#2	3.795282	30.87427	.0416409	.0003568	.6262096	.0768903	.6820273
#3	3.805880	30.71159	.0422781	.0003343	.6027339	.0801246	.6952639

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.958060	.2742973	-.150649	.0003588	.5315035	4.081652	.0036580
Stddev	.036518	.0015429	.000795	.0002767	.0045206	.010785	.0018837
%RSD	.6129166	.5624997	.5274536	77.12916	.8505260	.2642224	51.49579

#1	5.999042	.2749115	-.151234	.0002752	.5315136	4.074751	.0020119
#2	5.928973	.2754385	-.150969	.0006677	.5360190	4.094080	.0057123
#3	5.946165	.2725419	-.149744	.0001335	.5269778	4.076125	.0032496

Sample Name: I4725-06 Acquired: 8/11/2017 17:22:41 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v118) Mode: CONC Corr. Factor: 1.000000
 User: JASWAL Custom ID1: MJJ3W7 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	1.559190	.0079888	.0117056
Stddev	.007169	.0000511	.0000765
%RSD	.4597617	.6395818	.6538185

#1	1.563793	.0079813	.0117934
#2	1.550930	.0080432	.0116530
#3	1.562845	.0079418	.0116703

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	940.9272	1774.533	49625.32	12036.06	3132.741
Stddev	6.2361	15.565	114.77	54.19	24.052
%RSD	.6627616	.8771215	.2312768	.4501951	.7677583

#1	934.2894	1766.488	49544.94	11976.26	3118.624
#2	946.6635	1764.638	49756.76	12049.98	3119.087
#3	941.8287	1792.474	49574.25	12081.92	3160.512

Sample Name: CCV007 Acquired: 8/11/2017 17:26:44 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v118) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: CCV007 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.945607	4.594038	23.05190	4.734083	4.912485	390.9356
Stddev	.030362	.022620	.07332	.055411	.032416	.9660
%RSD	.6139132	.4923774	.3180486	1.170464	.6598748	.2471053

#1	4.955897	4.602986	23.08912	4.744001	4.927168	391.1332
#2	4.969487	4.610815	23.09914	4.783865	4.934963	391.7875
#3	4.911437	4.568313	22.96744	4.674383	4.875326	389.8860

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	9.787443	.4745879	2.337523	385.1671	15.44263	2.357492
Stddev	.040935	.0032170	.007523	.0500	.14988	.010608
%RSD	.4182389	.6778560	.3218516	.0129854	.9705556	.4499536

#1	9.755930	.4779673	2.343684	385.1424	15.60827	2.362382
#2	9.833709	.4742338	2.339745	385.2246	15.40324	2.364772
#3	9.772689	.4715626	2.329138	385.1342	15.31638	2.345321

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	15.08359	379.4498	13.88353	393.1683	2.348111	1.271797
Stddev	.12508	.4454	.02723	1.6643	.010827	.006186
%RSD	.8292706	.1173733	.1961503	.4233148	.4610870	.4863925

#1	15.15808	379.8689	13.90502	394.0603	2.354525	1.278648
#2	15.15351	379.4985	13.89266	394.1964	2.354197	1.270120
#3	14.93918	378.9821	13.85290	391.2481	2.335611	1.266622

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	392.7012	2.360248	15.01932	150.7643	F 6.211560	F 3.911209
Stddev	1.8807	.006296	.06838	1.1355	.045154	.009464
%RSD	.4789216	.2667368	.4553044	.7531312	.7269339	.2419675

#1	393.5191	2.367182	15.02728	151.1255	6.209248	3.912730
#2	394.0346	2.354890	14.94730	151.6752	6.257826	3.919819
#3	390.5500	2.358671	15.08337	149.4921	6.167607	3.901076

Sample Name: CCV007 Acquired: 8/11/2017 17:26:44 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v118) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: CCV007 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.713364	4.977728	4.676420	4.683846	4.726662	6.125685
Stddev	.030024	.050764	.016453	.019259	.005790	.060452
%RSD	.6369961	1.019829	.3518326	.4111758	.1224873	.9868665

#1	4.726916	4.985163	4.684248	4.692834	4.726110	6.082006
#2	4.734223	5.024364	4.687498	4.696968	4.732708	6.194680
#3	4.678953	4.923656	4.657514	4.661736	4.721169	6.100370

Elem	Sr4077
Units	ppm
Avg	7.527708
Stddev	.030936
%RSD	.4109672

#1	7.553089
#2	7.536785
#3	7.493248

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	782.1844	1481.360	41669.72	10969.30	2148.916
Stddev	5.2160	9.324	260.68	54.11	10.241
%RSD	.6668468	.6294347	.6255811	.4932902	.4765565

#1	776.3033	1477.859	41397.02	10925.10	2147.884
#2	786.2503	1474.292	41695.72	10953.17	2139.230
#3	783.9995	1491.928	41916.43	11029.65	2159.633

Sample Name: CCB007 Acquired: 8/11/2017 17:31:05 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v118) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: CCB007 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0002473	.0005695	.0006019	.0029009	.0002718	.0070488	-.000374
Stddev	.0011552	.0019563	.0009563	.0022847	.0004611	.0032717	.000198
%RSD	467.1874	343.5193	158.8638	78.75683	169.6678	46.41506	53.05469

#1	.0012389	-.001381	.0004677	.0041414	-.000180	.0096829	-.000145
#2	.0005242	.002531	.0016182	.0042969	.000253	.0080771	-.000489
#3	-.001021	.000559	-.000280	.0002643	.000742	.0033865	-.000486

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000040	-.000043	.0006647	-.002174	-.000047	.0004687	.0144231
Stddev	.000114	.000053	.0015799	.000357	.000103	.0000478	.0051176
%RSD	289.2656	122.7094	237.6915	16.42771	216.4574	10.19544	35.48179

#1	-.000122	-.000054	.0001058	-.002101	-.000021	.0005125	.0094116
#2	.000091	-.000090	.0024480	-.001860	.000039	.0004178	.0196406
#3	-.000088	.000014	-.000560	-.002563	-.000161	.0004758	.0142172

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0003887	-.011106	.0000979	-.000137	.0013371	.0011543	.0020701
Stddev	.0001972	.009218	.0001416	.000112	.0576663	.0004778	.0008010
%RSD	50.73021	83.00032	144.7348	81.69560	4312.652	41.38874	38.69465

#1	.0002940	-.003789	.0002329	-.000031	-.046834	.0013437	.0012001
#2	.0002567	-.008070	.0001102	-.000254	-.014390	.0006109	.0027769
#3	.0006154	-.021458	-.000050	-.000125	.065235	.0015084	.0022334

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.051534	-.000446	.0038315	-.000093	-.021396	.0046454	.0001082
Stddev	.007651	.000251	.0008603	.000332	.005694	.0005917	.0005734
%RSD	14.84651	56.37302	22.45424	355.5094	26.61263	12.73688	529.8329

#1	-.054568	-.000340	.0040051	.000154	-.022201	.0045576	-.000235
#2	-.042832	-.000733	.0045919	-.000471	-.026645	.0041025	-.000211
#3	-.057204	-.000265	.0028976	.000037	-.015343	.0052761	.000770

Sample Name: CCB007 Acquired: 8/11/2017 17:31:05 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v118) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: CCB007 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.0001819	.0003718	.0001345
Stddev	.0004780	.0000366	.0000099
%RSD	262.7596	9.844718	7.337997

#1	.0004298	.0003308	.0001450
#2	-.000369	.0003836	.0001330
#3	.000485	.0004011	.0001255

Int. Std.	Y_ 2243	Y_ 2243	Y_ 3600	Y_ 3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1015.328	1918.826	52176.41	12131.48	3703.936
Stddev	3.195	16.576	16.20	10.10	13.335
%RSD	.3146903	.8638681	.0310435	.0832511	.3600099

#1	1012.941	1905.099	52158.33	12142.43	3689.143
#2	1018.958	1914.138	52181.32	12122.53	3707.630
#3	1014.085	1937.242	52189.59	12129.47	3715.033

Sample Name: PB101450BL Acquired: 8/11/2017 17:35:16 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v118) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: PBS002 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0001397	.0000093	.0006804	.0002142	.0007053	.0034364	-.000158
Stddev	.0029372	.0017365	.0006880	.0030198	.0011022	.0032761	.000128
%RSD	2103.305	18588.29	101.1166	1410.117	156.2817	95.33530	80.72683

#1	.0006867	.0005783	.0002677	-.000365	.0019657	-.000346	-.000298
#2	.0027649	-.001940	.0014746	-.002474	.0002277	.005257	-.000047
#3	-.003033	.001390	.0002989	.003481	-.000078	.005398	-.000130

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000016	-.000054	.0002886	-.002176	.0000094	.0002863	.0027007
Stddev	.000016	.000091	.0038732	.000587	.0001380	.0003325	.0015878
%RSD	103.3665	166.6330	1341.862	26.96399	1474.338	116.1390	58.79133

#1	-.000007	-.000036	.0043841	-.001648	.0000581	.0004458	.0045332
#2	-.000006	-.000153	-.000203	-.002807	.0001164	-.000096	.0018355
#3	-.000035	.000026	-.003315	-.002073	-.000146	.000509	.0017335

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0000265	-.004897	.0000845	-.000136	.0363693	.0012516	.0009728
Stddev	.0001043	.004500	.0003091	.000252	.0226642	.0017494	.0016356
%RSD	393.8192	91.90349	365.8310	185.5003	62.31666	139.7798	168.1390

#1	.0001133	-.008363	-.000043	-.000239	.0102490	.0007655	-.000640
#2	-.000089	-.006517	.000437	.000152	.0508292	-.000203	.000929
#3	.000055	.000189	-.000141	-.000321	.0480299	.003193	.002630

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.056732	-.000255	.0013809	-.000326	-.027507	.0032179	.0003035
Stddev	.014429	.000451	.0004251	.000374	.001472	.0007409	.0008054
%RSD	25.43323	176.3950	30.78290	114.5792	5.350909	23.02417	265.3506

#1	-.058985	-.000719	.0018311	.000073	-.025810	.0025988	-.000178
#2	-.069901	-.000228	.0009865	-.000384	-.028439	.0040388	-.000145
#3	-.041309	.000181	.0013250	-.000667	-.028272	.0030161	.001233

Sample Name: PB101450BL Acquired: 8/11/2017 17:35:16 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v118) Mode: CONC Corr. Factor: 1.000000
 User: JASWAL Custom ID1: PBS002 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.0000587	.0001369	.0000839
Stddev	.0005163	.0000285	.0000062
%RSD	879.0622	20.85899	7.383904

#1	-.000373	.0001505	.0000769
#2	-.000082	.0001041	.0000887
#3	.000631	.0001561	.0000861

Int. Std.	Y_ 2243	Y_ 2243	Y_ 3600	Y_ 3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1023.885	1905.456	52211.26	12096.13	3679.289
Stddev	8.095	3.051	90.32	29.41	4.183
%RSD	.7905836	.1601305	.1729929	.2431708	.1136773

#1	1020.423	1904.876	52107.51	12069.18	3676.490
#2	1018.097	1902.736	52272.30	12091.69	3677.281
#3	1033.135	1908.756	52253.99	12127.51	3684.097

Sample Name: PB101450BS Acquired: 8/11/2017 17:39:27 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v118) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: LCS002 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0161545	.0466616	.0224954	.0706205	.1123860	.3812462
Stddev	.0019025	.0022633	.0006586	.0008543	.0036176	.0034976
%RSD	11.77671	4.850474	2.927841	1.209765	3.218882	.9174124

#1	.0178928	.0488366	.0226296	.0704358	.1112026	.3852684
#2	.0141221	.0443193	.0230766	.0715521	.1164471	.3795505
#3	.0164488	.0468288	.0217800	.0698736	.1095084	.3789196

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.3739776	.0096806	.0088670	9.050675	.0203457	.0867668
Stddev	.0048779	.0001459	.0000663	.024262	.0001517	.0005732
%RSD	1.304332	1.506673	.7478975	.2680739	.7456578	.6606402

#1	.3787950	.0098488	.0087922	9.064969	.0204502	.0866229
#2	.3740966	.0096047	.0089185	9.064396	.0201716	.0873982
#3	.3690413	.0095884	.0088904	9.022661	.0204152	.0862792

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0494937	.2148424	.0315885	9.777710	.0728826	.0192345
Stddev	.0018058	.0030998	.0004356	.092533	.0005795	.0000770
%RSD	3.648585	1.442819	1.379023	.9463668	.7950433	.4004522

#1	.0515121	.2173785	.0317599	9.827317	.0727286	.0191834
#2	.0489376	.2157617	.0319123	9.834861	.0735234	.0191970
#3	.0480313	.2113869	.0310932	9.670951	.0723956	.0193231

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	9.343220	.1049006	.1097099	9.196325	F .0037542	F .0228201
Stddev	.171723	.0015737	.0044680	.139568	.0004789	.0013257
%RSD	1.837940	1.500151	4.072523	1.517654	12.75498	5.809218

#1	9.526271	.1037151	.1047253	9.347115	.0043047	.0223430
#2	9.317710	.1043008	.1133546	9.170185	.0035234	.0217990
#3	9.185679	.1066860	.1110497	9.071675	.0034345	.0243183

Sample Name: PB101450BS Acquired: 8/11/2017 17:39:27 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v118) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: LCS002 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0241047	.1192591	.2034294	F .0139082	.1969514	.0146318
Stddev	.0002439	.0028718	.0021236	.0015098	.0016397	.0003267
%RSD	1.011788	2.408017	1.043909	10.85573	.8325399	2.233049

#1	.0243293	.1163823	.2050698	.0131406	.1982000	.0149451
#2	.0238453	.1221258	.2041877	.0156476	.1975597	.0146571
#3	.0241396	.1192692	.2010308	.0129364	.1950945	.0142931

Elem	Sr4077
Units	ppm
Avg	.0468766
Stddev	.0004102
%RSD	.8750604

#1	.0472274
#2	.0469768
#3	.0464256

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	944.2940	1782.540	49800.99	11736.90	3362.337
Stddev	8.5636	17.472	241.73	127.65	25.779
%RSD	.9068799	.9801478	.4853949	1.087585	.7666907

#1	953.1350	1771.720	50046.77	11625.00	3348.710
#2	936.0377	1773.204	49563.52	11709.78	3346.233
#3	943.7093	1802.696	49792.67	11875.93	3392.070

Sample Name: I4725-07 Acquired: 8/11/2017 17:43:35 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v118) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MJJ3W8 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.211006	.0016633	F 93.39802	-.061279	.8219717	72.15314
Stddev	.004128	.0028288	.60982	.002802	.0055860	.26006
%RSD	.1866803	170.0675	.6529219	4.572785	.6795891	.3604310

#1	2.215748	-.001455	93.37606	-.060384	.8266474	72.20814
#2	2.208220	.004064	94.01852	-.059034	.8157858	71.86998
#3	2.209052	.002382	92.79949	-.064420	.8234818	72.38131

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.224003	.0066817	.2046478	113.3579	-.026318	.0335758
Stddev	.005397	.0002011	.0019703	.3084	.000230	.0005228
%RSD	.4409668	3.010176	.9627646	.2720314	.8746739	1.557093

#1	1.224061	.0064667	.2040434	113.5994	-.026054	.0336130
#2	1.218576	.0068652	.2068496	113.4638	-.026422	.0340789
#3	1.229371	.0067131	.2030506	113.0106	-.026478	.0330353

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.153920	355.6566	21.45583	77.85343	.0153681	.0986492
Stddev	.020179	.4334	.03891	.01918	.0006568	.0000724
%RSD	.4857794	.1218654	.1813705	.0246377	4.273730	.0734055

#1	4.148948	355.8166	21.46069	77.83665	.0157732	.0987206
#2	4.136693	355.9872	21.49209	77.87434	.0157209	.0986512
#3	4.176121	355.1659	21.41472	77.84929	.0146103	.0985759

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.830893	1.739805	F 73.27400	9.287209	.5777854	-1.00496
Stddev	.065050	.010762	.19018	.094611	.0020530	.00177
%RSD	2.297847	.6185749	.2595424	1.018727	.3553295	.1762139

#1	2.847751	1.752207	73.28234	9.260668	.5770999	-1.00298
#2	2.759074	1.734280	73.07979	9.208703	.5800935	-1.00550
#3	2.885854	1.732927	73.45987	9.392257	.5761628	-1.00640

Sample Name: I4725-07 Acquired: 8/11/2017 17:43:35 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v118) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MJJ3W8 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.009310	3.611928	7.170023	.0513098	1.907798	.0121868
Stddev	.001140	.018332	.072647	.0031177	.003673	.0001614
%RSD	12.23964	.5075475	1.013202	6.076131	.1925243	1.324310

#1	-.008904	3.619114	7.132766	.0511209	1.903786	.0120822
#2	-.010597	3.625579	7.253739	.0545175	1.910995	.0121055
#3	-.008430	3.591092	7.123562	.0482908	1.908613	.0123727

Elem	Sr4077
Units	ppm
Avg	.0208000
Stddev	.0000709
%RSD	.3409438

#1	.0207633
#2	.0207550
#3	.0208818

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	890.8452	1683.594	48530.99	12045.61	2788.527
Stddev	4.6210	13.075	162.96	32.82	11.567
%RSD	.5187201	.7766255	.3357856	.2724957	.4148184

#1	890.6229	1671.110	48430.35	12009.45	2775.460
#2	895.5733	1697.189	48719.00	12073.51	2792.664
#3	886.3393	1682.483	48443.62	12053.87	2797.457

Sample Name: I4725-08 Acquired: 8/11/2017 17:47:33 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v118) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MJJ3W9 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.3944599	-.038098	17.30903	-.054345	.0617142	223.3951	3.089091
Stddev	.0066505	.002260	.07661	.002340	.0033450	.6617	.004391
%RSD	1.685970	5.932619	.4426200	4.305832	5.420165	.2962188	.1421595

#1	.3905940	-.038611	17.24900	-.056077	.0578535	223.8234	3.089843
#2	.3906465	-.035626	17.28278	-.051683	.0635452	223.7289	3.093057
#3	.4021391	-.040058	17.39532	-.055275	.0637440	222.6329	3.084372

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0126402	.0551780	484.0895	.1284762	.1048445	.6472805	270.3216
Stddev	.0003204	.0005088	.6792	.0010149	.0008946	.0025426	.2117
%RSD	2.534800	.9221691	.1402961	.7899629	.8533039	.3928149	.0783098

#1	.0126695	.0546745	483.4331	.1280531	.1040431	.6494606	270.1011
#2	.0129450	.0551676	484.0463	.1277413	.1046806	.6478934	270.3403
#3	.0123062	.0556920	484.7893	.1296342	.1058097	.6444874	270.5233

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	24.64445	263.6025	.2581176	.0182857	3.265608	.4568369	11.32668
Stddev	.03833	.2221	.0005858	.0003137	.041478	.0021190	.08117
%RSD	.1555387	.0842539	.2269530	1.715715	1.270155	.4638436	.7165886

#1	24.60022	263.4686	.2583349	.0186477	3.303353	.4552441	11.23606
#2	24.66505	263.8588	.2574542	.0180919	3.221203	.4560247	11.35130
#3	24.66808	263.4799	.2585637	.0181175	3.272267	.4592419	11.39269

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	37.59354	1.850360	-.747355	-.000410	6.210115	9.952713	.0362051
Stddev	.16915	.007237	.001308	.000263	.028526	.110265	.0037680
%RSD	.4499360	.3911087	.1749592	64.27177	.4593492	1.107886	10.40750

#1	37.67994	1.843461	-.746357	-.000574	6.177644	10.04567	.0345332
#2	37.70203	1.849725	-.748835	-.000106	6.221557	9.98159	.0335624
#3	37.39864	1.857893	-.746873	-.000548	6.231143	9.83088	.0405199

Sample Name: I4725-08 Acquired: 8/11/2017 17:47:33 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v118) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MJJ3W9 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	4.329653	.0394457	.0577670
Stddev	.014999	.0001210	.0001710
%RSD	.3464149	.3068390	.2960858

#1	4.334626	.0394796	.0579252
#2	4.341533	.0395462	.0577904
#3	4.312799	.0393114	.0575855

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	936.2182	1762.129	50388.88	12681.38	2321.199
Stddev	2.2244	11.732	89.64	42.04	8.113
%RSD	.2375966	.6657641	.1779026	.3314789	.3495278

#1	938.3991	1748.967	50305.60	12640.51	2312.104
#2	933.9527	1765.937	50377.26	12679.12	2327.692
#3	936.3028	1771.484	50483.76	12724.49	2323.799

Sample Name: I4725-09 Acquired: 8/11/2017 17:51:32 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v118) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MJJ3X0 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	6.463013	-.125719	F 240.6338	-.236411	1.338432	52.71072
Stddev	.048920	.010478	1.0250	.000633	.005734	.14698
%RSD	.7569216	8.334507	.4259490	.2677853	.4284251	.2788445

#1	6.464259	-.137818	241.2294	-.236045	1.338856	52.82583
#2	6.511298	-.119658	241.2218	-.236047	1.343943	52.76117
#3	6.413482	-.119682	239.4503	-.237142	1.332498	52.54516

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.036348	.0094117	.8514804	F 1261.221	-.100458	.0577469
Stddev	.027706	.0002685	.0043724	27.587	.000926	.0001653
%RSD	.5501274	2.852443	.5135074	2.187305	.9217838	.2862089

#1	5.046221	.0091055	.8555327	1232.431	-.101135	.0578172
#2	5.057765	.0096065	.8520623	1287.421	-.100836	.0575581
#3	5.005057	.0095232	.8468462	1263.810	-.099403	.0578655

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	8.304822	F 970.4428	F 107.3964	733.8256	.0222882	.2705311
Stddev	.062891	1.2043	.8718	.7057	.0026242	.0020045
%RSD	.7572846	.1241019	.8117770	.0961661	11.77418	.7409451

#1	8.336527	971.3584	108.3271	734.6082	.0226761	.2715297
#2	8.345551	969.0785	106.5988	733.6312	.0246968	.2718401
#3	8.232389	970.8914	107.2632	733.2375	.0194915	.2682234

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	8.685957	2.563522	F 165.0032	10.71970	2.077990	-3.04279
Stddev	.055851	.017547	1.2774	.05343	.010299	.02795
%RSD	.6430024	.6844986	.7741421	.4984680	.4956288	.9185115

#1	8.633444	2.548180	164.8004	10.76737	2.073222	-3.06188
#2	8.744634	2.559731	163.8394	10.72980	2.089809	-3.05578
#3	8.679792	2.582655	166.3699	10.66194	2.070938	-3.01071

Sample Name: I4725-09 Acquired: 8/11/2017 17:51:32 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v118) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MJJ3X0 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.002662	7.328247	10.95866	.0524389	.8118667	.0113284
Stddev	.001315	.047116	.06161	.0021335	.0043958	.0001017
%RSD	49.38784	.6429316	.5621777	4.068523	.5414477	.8972832

#1	-.003804	7.334705	11.00917	.0543980	.8067946	.0114157
#2	-.002956	7.371801	10.97678	.0501658	.8142319	.0113528
#3	-.001225	7.278236	10.89002	.0527527	.8145734	.0112168

Elem	Sr4077
Units	ppm
Avg	.1036857
Stddev	.0002623
%RSD	.2529260

#1	.1036483
#2	.1039647
#3	.1034442

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	701.9635	1337.403	41000.00	10774.54	1903.999
Stddev	2.2012	7.926	73.12	41.33	11.833
%RSD	.3135840	.5926432	.1783468	.3835600	.6214707

#1	701.7627	1336.120	40923.54	10734.63	1899.431
#2	704.2583	1330.196	41007.22	10771.85	1895.131
#3	699.8695	1345.892	41069.25	10817.15	1917.435

Sample Name: I4725-10 Acquired: 8/11/2017 17:55:45 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v118) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MJJ3X1 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.397708	-.037411	F 93.89517	-.076152	.2397848	163.1566
Stddev	.017506	.006666	.19713	.007162	.0022069	.2333
%RSD	1.252461	17.81853	.2099421	9.405090	.9203740	.1429651

#1	1.414044	-.044956	93.85919	-.083256	.2410903	163.1733
#2	1.399850	-.034956	93.71851	-.076268	.2410274	163.3811
#3	1.379230	-.032321	94.10780	-.068933	.2372367	162.9155

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.937167	.0111288	.2457357	786.5837	.0719407	.0606621
Stddev	.006909	.0001131	.0011539	3.5909	.0009239	.0004345
%RSD	.3566473	1.015994	.4695799	.4565139	1.284219	.7163231

#1	1.934922	.0111413	.2448492	787.1014	.0725250	.0611618
#2	1.944919	.0112352	.2453173	782.7621	.0724216	.0604524
#3	1.931660	.0110101	.2470404	789.8877	.0708756	.0603723

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.327973	348.1215	14.20744	504.7995	.1424439	.1024479
Stddev	.013629	1.6037	.07004	.9993	.0003430	.0005239
%RSD	.5854559	.4606783	.4929839	.1979685	.2408215	.5113836

#1	2.328715	348.0038	14.21865	505.6077	.1420541	.1028317
#2	2.341216	346.5798	14.13247	503.6821	.1425781	.1026611
#3	2.313988	349.7808	14.27119	505.1086	.1426996	.1018511

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.403454	1.044330	F 51.40698	23.38521	1.665201	-1.04423
Stddev	.024335	.005263	.50700	.05051	.007334	.01094
%RSD	.5526352	.5039984	.9862518	.2159806	.4404529	1.048086

#1	4.380947	1.038276	51.19187	23.34649	1.673452	-1.05419
#2	4.400139	1.046896	51.04299	23.44234	1.662727	-1.04600
#3	4.429277	1.047818	51.98607	23.36679	1.659423	-1.03251

Sample Name: I4725-10 Acquired: 8/11/2017 17:55:45 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v118) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MJJ3X1 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.006909	5.033314	5.172040	.0521418	3.389824	.0267830
Stddev	.000205	.016871	.037463	.0004490	.003488	.0001562
%RSD	2.961124	.3351936	.7243368	.8610952	.1028859	.5830117

#1	-.006707	5.050332	5.129436	.0521907	3.393008	.0268316
#2	-.006903	5.016594	5.199835	.0516704	3.386096	.0269090
#3	-.007116	5.033015	5.186849	.0525644	3.390367	.0266083

Elem	Sr4077
Units	ppm
Avg	.0862828
Stddev	.0000720
%RSD	.0834650

#1	.0862979
#2	.0863461
#3	.0862045

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	871.6630	1626.138	47606.16	12087.70	2181.588
Stddev	.6773	24.056	143.74	76.19	22.281
%RSD	.0777008	1.479334	.3019354	.6303332	1.021328

#1	870.8957	1602.839	47473.95	12040.81	2159.637
#2	871.9156	1624.689	47585.37	12046.68	2180.942
#3	872.1776	1650.886	47759.16	12175.62	2204.185

Sample Name: I4725-11 Acquired: 8/11/2017 17:59:43 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v118) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MJJ3X2 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.698409	-.020059	F 100.1959	-.076377	.4293352	124.7290
Stddev	.012648	.003264	.6502	.008478	.0023744	.4005
%RSD	.7446790	16.27117	.6489206	11.10066	.5530508	.3211266

#1	1.709112	-.021753	99.8755	-.072459	.4281571	125.1179
#2	1.684452	-.022128	99.7681	-.070567	.4277802	124.3178
#3	1.701662	-.016296	100.9441	-.086106	.4320684	124.7514

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.639102	.0086912	.1907664	F 847.5138	.0427600	.0595063
Stddev	.004636	.0001082	.0018020	.9314	.0006398	.0004683
%RSD	.1756701	1.245108	.9446368	.1099011	1.496140	.7870061

#1	2.643909	.0088019	.1902355	846.4426	.0429882	.0600454
#2	2.638740	.0086863	.1892894	848.1334	.0432543	.0592735
#3	2.634658	.0085856	.1927742	847.9653	.0420374	.0592001

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.362830	347.7240	F 33.52950	485.6090	.1275875	.0839844
Stddev	.009322	.5286	.00802	1.1493	.0010443	.0007091
%RSD	.3945433	.1520115	.0239277	.2366774	.8184575	.8443755

#1	2.373277	348.3136	33.53434	486.7030	.1265686	.0832375
#2	2.355360	347.5655	33.53392	485.7128	.1275385	.0840672
#3	2.359851	347.2927	33.52024	484.4114	.1286554	.0846486

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	3.985164	1.582498	F 49.12736	20.19311	1.718620	-1.01049
Stddev	.044994	.011756	.55129	.08039	.008443	.01145
%RSD	1.129025	.7428814	1.122156	.3981092	.4912677	1.132791

#1	4.034134	1.573315	48.49689	20.27870	1.712934	-1.02278
#2	3.975710	1.578432	49.51871	20.11920	1.714605	-1.00014
#3	3.945649	1.595747	49.36648	20.18143	1.728322	-1.00854

Sample Name: I4725-11 Acquired: 8/11/2017 17:59:43 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v118) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MJJ3X2 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.002884	5.406020	7.331654	.0187328	2.484272	.0205051
Stddev	.000958	.033963	.107033	.0015283	.000301	.0000040
%RSD	33.22909	.6282488	1.459869	8.158294	.0121188	.0193479

#1	-.001995	5.394502	7.443609	.0170893	2.484615	.0205045
#2	-.003899	5.379313	7.230339	.0201111	2.484153	.0205093
#3	-.002757	5.444244	7.321015	.0189979	2.484050	.0205014

Elem	Sr4077
Units	ppm
Avg	.0853285
Stddev	.0002578
%RSD	.3021307

#1	.0856162
#2	.0851184
#3	.0852508

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	831.4445	1584.496	45628.01	11801.98	2210.580
Stddev	8.4824	9.370	535.38	64.86	10.452
%RSD	1.020201	.5913734	1.173350	.5495702	.4728078

#1	839.2202	1577.673	46043.50	11729.04	2206.708
#2	822.3986	1595.179	45023.84	11823.74	2222.415
#3	832.7148	1580.634	45816.69	11853.17	2202.617

Sample Name: I4725-12 Acquired: 8/11/2017 18:03:41 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v118) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MJJ3X2D Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.711632	-.019286	F 100.4315	-.078848	.4277367	124.1122
Stddev	.008759	.003430	.0382	.001466	.0072720	.7357
%RSD	.5117070	17.78392	.0380458	1.859000	1.700110	.5927661

#1	1.701669	-.015672	100.4718	-.080476	.4193595	123.4195
#2	1.718121	-.019691	100.4267	-.077633	.4324252	124.8844
#3	1.715104	-.022496	100.3958	-.078434	.4314253	124.0327

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.637395	.0087636	.1909832	F 846.0612	.0421610	.0594853
Stddev	.018992	.0002329	.0008088	5.0927	.0031421	.0001588
%RSD	.7200861	2.657183	.4235197	.6019357	7.452562	.2669451

#1	2.623729	.0088909	.1915380	840.3331	.0411084	.0595881
#2	2.659081	.0084949	.1913565	847.7732	.0396804	.0595654
#3	2.629375	.0089052	.1900552	850.0774	.0456943	.0593025

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.360785	347.3836	F 33.48273	487.5750	.1284073	.0833207
Stddev	.015806	2.4320	.21189	2.2562	.0008392	.0014133
%RSD	.6695243	.7001021	.6328354	.4627377	.6535338	1.696204

#1	2.347184	344.6185	33.25017	485.0344	.1274566	.0817553
#2	2.378126	348.3414	33.53318	489.3448	.1290449	.0845027
#3	2.357045	349.1910	33.66485	488.3458	.1287204	.0837043

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.069490	1.590163	F 48.08340	20.18051	1.726751	-1.01213
Stddev	.117017	.014219	.96449	.17445	.006327	.00712
%RSD	2.875477	.8941919	2.005863	.8644433	.3663839	.7035091

#1	4.085075	1.574037	47.47895	20.06370	1.719536	-1.00581
#2	4.177935	1.595554	49.19570	20.38104	1.731351	-1.01075
#3	3.945462	1.600899	47.57555	20.09678	1.729366	-1.01985

Sample Name: I4725-12 Acquired: 8/11/2017 18:03:41 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v118) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MJJ3X2D Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.003077	5.421736	7.373787	.0196572	2.471688	.0205058
Stddev	.000397	.013056	.153888	.0012731	.015950	.0002684
%RSD	12.91644	.2408062	2.086954	6.476242	.6453155	1.309141

#1	-.003153	5.407277	7.367161	.0200310	2.455647	.0203414
#2	-.003431	5.432660	7.223319	.0182391	2.487546	.0208156
#3	-.002647	5.425272	7.530880	.0207014	2.471872	.0203605

Elem	Sr4077
Units	ppm
Avg	.0849976
Stddev	.0004125
%RSD	.4853016

#1	.0845570
#2	.0853746
#3	.0850612

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	839.2516	1562.634	46051.71	11755.20	2187.275
Stddev	20.5536	14.687	683.23	28.58	11.815
%RSD	2.449043	.9399112	1.483605	.2431158	.5401583

#1	847.6616	1575.894	46494.31	11782.88	2198.710
#2	815.8267	1565.161	45264.83	11725.80	2188.002
#3	854.2666	1546.847	46395.99	11756.92	2175.114

Sample Name: I4725-13 Acquired: 8/11/2017 18:07:38 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v118) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MJJ3X2S Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.752495	.1071945	F 98.05286	.0192461	.6308285	125.5909
Stddev	.005748	.0040410	.31417	.0052692	.0032770	.0636
%RSD	.3279728	3.769767	.3204110	27.37816	.5194738	.0506574

#1	1.755917	.1033675	98.17452	.0249203	.6341539	125.6363
#2	1.755708	.1067961	98.28800	.0183109	.6276022	125.5181
#3	1.745859	.1114199	97.69605	.0145071	.6307292	125.6181

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	6.718414	.1013176	.2814415	F 825.2746	.3727683	1.049401
Stddev	.061681	.0012704	.0012078	3.3237	.0057145	.004890
%RSD	.9180932	1.253903	.4291667	.4027409	1.532980	.4660215

#1	6.769853	.1007999	.2811884	821.4368	.3685557	1.049961
#2	6.650032	.1027652	.2827559	827.1708	.3792730	1.053987
#3	6.735356	.1003879	.2803803	827.2162	.3704763	1.044254

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.836526	340.8856	F 33.57786	475.3904	1.117506	.1313642
Stddev	.015994	.9541	.08542	.8317	.003859	.0001460
%RSD	.5638469	.2798758	.2543941	.1749587	.3452893	.1111055

#1	2.854441	339.7932	33.48067	474.4325	1.120657	.1313896
#2	2.831455	341.5554	33.64102	475.9285	1.118659	.1312072
#3	2.823684	341.3081	33.61189	475.8103	1.113202	.1314958

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	3.924525	2.523995	F 48.30643	19.73118	1.666336	-1.00745
Stddev	.042343	.002868	.65266	.09646	.005782	.00680
%RSD	1.078929	.1136282	1.351077	.4888814	.3469933	.6746231

#1	3.884593	2.525286	48.34381	19.82187	1.665760	-1.01245
#2	3.920059	2.520708	47.63588	19.62983	1.672385	-1.01019
#3	3.968925	2.525991	48.93959	19.74183	1.660864	-.99971

Sample Name: I4725-13 Acquired: 8/11/2017 18:07:38 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v118) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MJJ3X2S Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.003509	5.267155	7.222169	.0183434	2.416996	.0200988
Stddev	.000572	.022970	.023846	.0020002	.002859	.0000867
%RSD	16.30314	.4361063	.3301847	10.90447	.1183040	.4315510

#1	-.003515	5.272755	7.221990	.0170127	2.414534	.0200068
#2	-.004079	5.286807	7.198412	.0206437	2.416322	.0201106
#3	-.002934	5.241902	7.246104	.0173738	2.420132	.0201791

Elem	Sr4077
Units	ppm
Avg	.0834058
Stddev	.0000732
%RSD	.0877017

#1	.0834457
#2	.0834503
#3	.0833214

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	830.4826	1562.426	45538.86	11755.86	2202.663
Stddev	11.6574	4.874	305.82	33.88	10.470
%RSD	1.403696	.3119407	.6715530	.2881636	.4753335

#1	823.7252	1561.487	45269.08	11717.27	2196.636
#2	843.9434	1558.090	45871.08	11769.64	2196.600
#3	823.7790	1567.701	45476.42	11780.68	2214.753

Sample Name: I4725-11LX5 Acquired: 8/11/2017 18:11:41 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v118) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MJJ3X2 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.3487270	-.001660	22.79201	-.018517	.0911539	26.57817	.5944590
Stddev	.0068194	.001231	.20510	.001758	.0012120	.22230	.0061927
%RSD	1.955525	74.16862	.8998676	9.494628	1.329579	.8363891	1.041737

#1	.3565047	-.002664	23.00569	-.019142	.0918864	26.83354	.6015130
#2	.3459035	-.000286	22.77361	-.019876	.0918202	26.42802	.5899170
#3	.3437728	-.002030	22.59674	-.016531	.0897549	26.47295	.5919469

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0020241	.0397395	195.8272	.0097715	.0113093	.5096101	82.16849
Stddev	.0000777	.0003700	.8127	.0003966	.0002768	.0053984	.35998
%RSD	3.840711	.9310201	.4150001	4.058394	2.447401	1.059321	.4380942

#1	.0021020	.0396011	196.7552	.0095100	.0110984	.5155819	82.56740
#2	.0020238	.0401588	195.2426	.0102278	.0112067	.5081718	81.86786
#3	.0019465	.0394587	195.4837	.0095767	.0116227	.5050764	82.07021

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	8.101046	116.9756	.0265532	.0174030	.8140356	.3769930	12.22510
Stddev	.024105	.7131	.0002871	.0003426	.0406517	.0050187	.04578
%RSD	.2975510	.6095919	1.081185	1.968360	4.993848	1.331247	.3744543

#1	8.125589	117.7960	.0264111	.0170872	.7744691	.3796047	12.18597
#2	8.077405	116.5042	.0263648	.0177671	.8556919	.3712070	12.21389
#3	8.100143	116.6267	.0268836	.0173548	.8119458	.3801673	12.27544

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.372877	.3268182	-.220025	-.001487	1.060266	1.798037	.0007234
Stddev	.043986	.0031703	.004676	.000077	.010670	.004279	.0014950
%RSD	1.005892	.9700366	2.125167	5.200718	1.006396	.2379572	206.6702

#1	4.407353	.3295137	-.225344	-.001569	1.068949	1.802945	.0002749
#2	4.323338	.3276156	-.218167	-.001475	1.063494	1.796073	-.000496
#3	4.387941	.3233254	-.216564	-.001416	1.048354	1.795093	.002391

Sample Name: I4725-11LX5 Acquired: 8/11/2017 18:11:41 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v118) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MJJ3X2 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.5785596	.0044587	.0197837
Stddev	.0031607	.0001225	.0001240
%RSD	.5463138	2.747709	.6265850

#1	.5813500	.0045863	.0199264
#2	.5751271	.0043420	.0197036
#3	.5792018	.0044478	.0197209

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	917.4673	1715.141	47829.60	11802.28	2863.338
Stddev	4.6789	12.058	103.32	64.92	15.430
%RSD	.5099761	.7030584	.2160259	.5500962	.5388707

#1	922.0772	1702.819	47915.80	11733.32	2847.297
#2	917.6023	1715.686	47715.06	11862.22	2864.643
#3	912.7224	1726.917	47857.93	11811.31	2878.073

Sample Name: I4725-14 Acquired: 8/11/2017 18:15:43 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v118) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MJJ3X3 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.501396	-.095960	F 226.9299	-.185422	1.287879	146.6801
Stddev	.028068	.003031	.3019	.008633	.004202	.7519
%RSD	.6235388	3.158777	.1330327	4.655695	.3262406	.5126439

#1	4.512836	-.096859	226.9700	-.190019	1.291378	147.4700
#2	4.521937	-.098441	227.2097	-.175464	1.289039	145.9730
#3	4.469415	-.092581	226.6099	-.190784	1.283219	146.5972

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	3.897894	.0133423	.6289011	F 846.4534	.0045564	.0788789
Stddev	.004035	.0003046	.0014874	12.0891	.0006775	.0001963
%RSD	.1035167	2.282785	.2365148	1.428207	14.86852	.2488948

#1	3.902348	.0132261	.6276986	852.1397	.0042711	.0791041
#2	3.894482	.0131131	.6305644	854.6508	.0053299	.0787891
#3	3.896852	.0136880	.6284403	832.5695	.0040683	.0787436

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	8.105138	775.8021	F 79.07119	510.9058	.1216754	.1761478
Stddev	.031938	1.2779	.09008	1.0478	.0011156	.0006129
%RSD	.3940460	.1647192	.1139213	.2050891	.9168874	.3479628

#1	8.142006	775.3961	79.05207	511.6596	.1228687	.1754455
#2	8.085943	774.7765	78.99221	509.7093	.1206585	.1764226
#3	8.087464	777.2337	79.16929	511.3486	.1214990	.1765752

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	7.302438	2.342475	F 109.2823	23.83943	2.994291	-2.40030
Stddev	.126889	.008360	.6856	.09386	.013692	.01048
%RSD	1.737620	.3568955	.6273788	.3937043	.4572867	.4365281

#1	7.372709	2.337460	109.5663	23.93887	2.985911	-2.40383
#2	7.155960	2.337839	109.7803	23.75238	3.010092	-2.38852
#3	7.378645	2.352126	108.5003	23.82703	2.986869	-2.40857

Sample Name: I4725-14 Acquired: 8/11/2017 18:15:43 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v118) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MJJ3X3 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000213	6.927043	6.067111	.0741810	2.577747	.0254121
Stddev	.000618	.036400	.058964	.0051975	.007330	.0001364
%RSD	289.9484	.5254819	.9718602	7.006446	.2843564	.5366208

#1	.000394	6.889675	6.053956	.0746390	2.578450	.0255443
#2	-.000842	6.929063	6.015836	.0687698	2.570091	.0252719
#3	-.000192	6.962392	6.131541	.0791344	2.584700	.0254202

Elem	Sr4077
Units	ppm
Avg	.0815212
Stddev	.0002907
%RSD	.3565611

#1	.0817895
#2	.0812124
#3	.0815618

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	803.4657	1518.967	46044.27	11669.99	2055.651
Stddev	8.8012	9.598	235.75	56.67	10.257
%RSD	1.095407	.6318676	.5120137	.4855965	.4989763

#1	798.0693	1510.527	45980.71	11605.01	2049.086
#2	798.7060	1516.967	45846.81	11709.12	2050.397
#3	813.6219	1529.407	46305.29	11695.85	2067.471

Sample Name: I4725-15 Acquired: 8/11/2017 18:19:44 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v118) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MJJ3X4 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.7695490	-.018698	42.55018	-.043360	.1868582	131.2321	2.075926
Stddev	.0052507	.000660	.08582	.004408	.0024002	.7504	.009190
%RSD	.6823037	3.529239	.2016859	10.16513	1.284515	.5718098	.4426919

#1	.7637437	-.018126	42.64874	-.041566	.1891443	130.4681	2.066599
#2	.7709371	-.018547	42.50977	-.040131	.1870721	131.9682	2.076205
#3	.7739660	-.019420	42.49203	-.048381	.1843582	131.2600	2.084973

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0079142	.1301718	36.13180	.0720336	.0564858	1.411917	238.6313
Stddev	.0001785	.0003243	.11393	.0005179	.0006365	.006194	.6584
%RSD	2.255240	.2491249	.3153301	.7189916	1.126890	.4387251	.2759184

#1	.0077374	.1305444	36.26276	.0714608	.0569924	1.406405	239.3353
#2	.0080944	.1299527	36.05541	.0724688	.0566938	1.418621	238.5279
#3	.0079110	.1300185	36.07724	.0721713	.0557713	1.410726	238.0306

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	24.82713	40.75820	.0906065	.0326600	2.238735	.6518798	29.74359
Stddev	.08687	.02531	.0009773	.0002094	.035057	.0032580	.18646
%RSD	.3499114	.0621040	1.078599	.6412225	1.565939	.4997913	.6268793

#1	24.92552	40.72914	.0915977	.0329003	2.240006	.6524752	29.75518
#2	24.79487	40.77547	.0905782	.0325637	2.273139	.6547991	29.92398
#3	24.76101	40.76997	.0896437	.0325161	2.203059	.6483651	29.55160

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	22.21862	.8218144	-.666377	-.001588	2.470733	7.269151	.0154410
Stddev	.19424	.0037709	.001802	.000164	.011587	.056564	.0000962
%RSD	.8742216	.4588568	.2703703	10.33867	.4689619	.7781368	.6227869

#1	21.99827	.8220725	-.666628	-.001775	2.484109	7.221578	.0154923
#2	22.36504	.8254496	-.668040	-.001469	2.463769	7.331694	.0155006
#3	22.29254	.8179210	-.664463	-.001518	2.464322	7.254180	.0153301

Sample Name: I4725-15 Acquired: 8/11/2017 18:19:44 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v118) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MJJ3X4 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	2.951869	.0228061	.0259435
Stddev	.012661	.0002528	.0001150
%RSD	.4289282	1.108686	.4431339

#1	2.942051	.0225145	.0258115
#2	2.966160	.0229392	.0259974
#3	2.947398	.0229645	.0260215

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	971.0369	1837.208	52323.96	12676.82	2879.770
Stddev	5.2419	6.461	284.42	59.16	9.224
%RSD	.5398215	.3516664	.5435731	.4667007	.3203185

#1	970.1561	1841.245	52138.73	12697.02	2874.177
#2	966.2912	1829.757	52181.70	12610.20	2874.717
#3	976.6633	1840.623	52651.44	12723.24	2890.417

Sample Name: I4725-16 Acquired: 8/11/2017 18:23:42 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v118) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MJJ3X5 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0855007	-.013703	1.887350	-.013695	.0092482	90.22337	1.323907
Stddev	.0007813	.001042	.006535	.005057	.0005909	.41010	.005505
%RSD	.9137469	7.603962	.3462587	36.92391	6.389783	.4545332	.4157993

#1	.0846936	-.014690	1.886083	-.011116	.0092742	90.05071	1.319601
#2	.0855553	-.013804	1.881541	-.010448	.0086447	89.92783	1.322012
#3	.0862533	-.012614	1.894426	-.019521	.0098258	90.69156	1.330109

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0071181	.0150738	28.17514	.0805245	.0460645	.1828864	107.3204
Stddev	.0001398	.0000493	.12832	.0003503	.0002755	.0025730	.0571
%RSD	1.963366	.3271044	.4554234	.4350820	.5981560	1.406889	.0532173

#1	.0069781	.0150208	28.22128	.0808465	.0462875	.1799166	107.3022
#2	.0071184	.0150824	28.27401	.0801514	.0457565	.1842983	107.3845
#3	.0072577	.0151183	28.03014	.0805755	.0461495	.1844444	107.2747

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	8.123697	26.49675	.0852146	.0010032	1.150214	.1448628	1.885720
Stddev	.019893	.13553	.0001442	.0003143	.065687	.0055025	.015665
%RSD	.2448801	.5114934	.1692508	31.33361	5.710875	3.798421	.8307296

#1	8.140523	26.39751	.0853571	.0011879	1.095441	.1451512	1.896268
#2	8.128826	26.44158	.0850687	.0006403	1.223040	.1502154	1.893174
#3	8.101741	26.65117	.0852179	.0011814	1.132160	.1392218	1.867720

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	11.92048	.9384809	-.289804	.0012399	3.084525	5.361303	.0082135
Stddev	.13287	.0027408	.001187	.0006739	.007663	.077306	.0018191
%RSD	1.114610	.2920463	.4096376	54.35579	.2484266	1.441925	22.14763

#1	11.82688	.9387826	-.289309	.0015313	3.089265	5.442082	.0085752
#2	11.86200	.9356018	-.288944	.0004692	3.075684	5.353813	.0062407
#3	12.07256	.9410584	-.291158	.0017190	3.088625	5.288015	.0098246

Sample Name: I4725-16 Acquired: 8/11/2017 18:23:42 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v118) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MJJ3X5 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	2.025728	.0156572	.0257291
Stddev	.000697	.0002074	.0001056
%RSD	.0343951	1.324293	.4105919

#1	2.025086	.0155103	.0256697
#2	2.025629	.0155668	.0256665
#3	2.026469	.0158944	.0258511

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	991.0590	1832.386	52969.36	12687.81	3020.004
Stddev	7.7581	9.841	246.79	60.10	2.962
%RSD	.7828092	.5370782	.4659094	.4737078	.0980744

#1	982.2107	1842.868	52684.53	12645.74	3023.423
#2	994.2713	1823.344	53119.54	12756.65	3018.378
#3	996.6950	1830.946	53104.00	12661.04	3018.211

Sample Name: I4725-17 Acquired: 8/11/2017 18:27:43 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v118) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MJJ3X6 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0429897	-.008734	.6777209	-.002112	.0034220	28.36141	.4046865
Stddev	.0023443	.000758	.0037359	.002207	.0009704	.47756	.0077698
%RSD	5.453257	8.680927	.5512487	104.4806	28.35597	1.683835	1.919965

#1	.0430498	-.008073	.6803764	-.000824	.0041152	28.91268	.4134585
#2	.0453035	-.008568	.6793373	-.000852	.0023131	28.09758	.4019313
#3	.0406160	-.009561	.6734489	-.004660	.0038379	28.07398	.3986698

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0023498	.0042540	15.61292	.0371214	.0163743	.0585097	47.06901
Stddev	.0002407	.0000624	.17307	.0004687	.0001841	.0012693	.66246
%RSD	10.24315	1.465977	1.108485	1.262499	1.124253	2.169350	1.407421

#1	.0024122	.0043209	15.80382	.0371940	.0162774	.0599452	47.80206
#2	.0025532	.0042437	15.46629	.0366207	.0162589	.0580482	46.51321
#3	.0020841	.0041975	15.56865	.0375495	.0165866	.0575357	46.89175

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.840378	19.83467	.0382165	.0002097	.4554490	.0569691	.8452513
Stddev	.030138	.31368	.0005236	.0002392	.0300327	.0014015	.0024294
%RSD	1.061055	1.581479	1.370045	114.0669	6.594093	2.460100	.2874224

#1	2.874734	20.19670	.0386830	.0000493	.4414901	.0584194	.8453376
#2	2.818397	19.66352	.0383163	.0000951	.4899208	.0568660	.8427798
#3	2.828003	19.64380	.0376502	.0004846	.4349362	.0556221	.8476364

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.861470	.3704492	-.125217	.0000307	.7049979	2.779021	.0049268
Stddev	.067798	.0007189	.002601	.0004316	.0008818	.060240	.0017715
%RSD	2.369330	.1940742	2.077368	1407.368	.1250737	2.167668	35.95618

#1	2.933070	.3712676	-.128207	-.000142	.7054935	2.828590	.0029071
#2	2.853085	.3701605	-.123965	.000522	.7039799	2.796497	.0056556
#3	2.798255	.3699194	-.123479	-.000288	.7055204	2.711975	.0062175

Sample Name: I4725-17 Acquired: 8/11/2017 18:27:43 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v118) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MJJ3X6 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.6856265	.0053675	.0101508
Stddev	.0130787	.0001262	.0001862
%RSD	1.907550	2.351587	1.834629

#1	.7006234	.0055131	.0103638
#2	.6765883	.0052904	.0100698
#3	.6796677	.0052989	.0100188

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	962.0868	1799.492	50994.30	11975.14	3280.791
Stddev	8.5909	8.207	246.64	174.23	7.904
%RSD	.8929422	.4560713	.4836619	1.454935	.2409068

#1	961.2823	1799.233	50878.05	11774.08	3279.875
#2	953.9264	1791.418	50827.26	12069.36	3273.385
#3	971.0516	1807.826	51277.58	12081.97	3289.113

Sample Name: I4725-18 Acquired: 8/11/2017 18:31:47 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v118) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MJJ3X7 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0384497	-.005749	1.010965	-.001963	.0047717	27.64788	.4844000
Stddev	.0012592	.002282	.001271	.003234	.0018639	1.02306	.0171162
%RSD	3.275002	39.68942	.1257281	164.7171	39.06200	3.700322	3.533480

#1	.0380839	-.003782	1.012048	-.002423	.0029999	26.48240	.4649877
#2	.0398514	-.005214	1.009566	-.004943	.0045994	28.39765	.4973214
#3	.0374139	-.008250	1.011279	.001476	.0067157	28.06360	.4908907

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0025245	.0064719	20.48841	.0323594	.0167213	.0641298	44.97732
Stddev	.0000932	.0001385	.81316	.0007529	.0003589	.0025518	1.74825
%RSD	3.689774	2.140034	3.968890	2.326694	2.146083	3.979084	3.886961

#1	.0024190	.0066240	19.58110	.0332286	.0171349	.0617200	43.02576
#2	.0025954	.0063529	21.15143	.0319077	.0165357	.0668031	46.40026
#3	.0025591	.0064389	20.73268	.0319420	.0164932	.0638661	45.50594

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	3.939697	15.02344	.0337305	.0005144	.5304035	.0569134	.9372690
Stddev	.143340	.54146	.0003153	.0003523	.0614524	.0021967	.0207307
%RSD	3.638362	3.604098	.9346327	68.48733	11.58596	3.859656	2.211817

#1	3.779919	14.41114	.0338712	.0001341	.5999492	.0544422	.9136845
#2	4.056999	15.43911	.0339508	.0005794	.4834265	.0576537	.9526092
#3	3.982173	15.22008	.0333694	.0008297	.5078348	.0586443	.9455134

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	3.920929	.3996518	-.115751	-.000086	1.000012	3.354186	.0025603
Stddev	.190693	.0017261	.002973	.000684	.007180	.127264	.0006149
%RSD	4.863463	.4318971	2.568720	798.7259	.7179693	3.794193	24.01430

#1	3.700802	.3993438	-.112318	-.000104	.998914	3.218353	.0029772
#2	4.035667	.4015111	-.117467	-.000760	1.007677	3.470665	.0028496
#3	4.026317	.3981004	-.117469	.000608	.993444	3.373541	.0018542

Sample Name: I4725-18 Acquired: 8/11/2017 18:31:47 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v118) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MJJ3X7 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.7061700	.0050916	.0128370
Stddev	.0259987	.0001918	.0004557
%RSD	3.681644	3.765947	3.549752

#1	.6771698	.0048703	.0123165
#2	.7273911	.0052082	.0131640
#3	.7139491	.0051964	.0130305

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	961.8805	1806.413	51285.45	12409.47	3259.572
Stddev	9.1907	10.820	189.91	363.82	13.010
%RSD	.9554957	.5989685	.3702908	2.931821	.3991198

#1	971.6894	1793.954	51442.96	12817.47	3245.380
#2	953.4678	1813.455	51074.57	12118.76	3262.403
#3	960.4841	1811.828	51338.83	12292.17	3270.932

Sample Name: I4725-19 Acquired: 8/11/2017 18:35:51 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v118) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MJJ3X8 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0677070	-.008836	.5320855	-.003235	.0038189	13.64636	.3043543
Stddev	.0055548	.000870	.0026500	.002333	.0002022	.05015	.0015122
%RSD	8.204217	9.847814	.4980439	72.12958	5.295476	.3674751	.4968456

#1	.0671495	-.007960	.5339673	-.005803	.0035984	13.64854	.3054041
#2	.0735195	-.008848	.5332343	-.001244	.0039958	13.69537	.3050376
#3	.0624519	-.009700	.5290549	-.002658	.0038624	13.59515	.3026210

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0021121	.0034012	11.18729	.0151869	.0105733	.0649196	46.66242
Stddev	.0001330	.0000736	.12250	.0000937	.0004562	.0010795	.20588
%RSD	6.298543	2.165218	1.095031	.6172580	4.314674	1.662848	.4412084

#1	.0020480	.0033225	11.18096	.0150819	.0100624	.0661513	46.71006
#2	.0020233	.0034129	11.06807	.0152623	.0107178	.0644695	46.43690
#3	.0022651	.0034684	11.31283	.0152164	.0109398	.0641380	46.84030

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.004047	8.214828	.0202206	.0000555	.4809659	.0484327	.5813204
Stddev	.010955	.007365	.0001756	.0002820	.0180670	.0010748	.0046342
%RSD	.5466578	.0896576	.8686772	508.4350	3.756391	2.219219	.7971772

#1	2.008484	8.222095	.0200604	.0003623	.4623328	.0492327	.5785809
#2	1.991569	8.215023	.0201929	-.000003	.4984078	.0472110	.5787093
#3	2.012087	8.207368	.0204084	-.000192	.4821571	.0488546	.5866709

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.243482	.1695304	-.130131	-.000339	.5697618	2.295494	.0048014
Stddev	.022952	.0008925	.001387	.000347	.0027723	.011692	.0009770
%RSD	1.845771	.5264554	1.065526	102.4679	.4865699	.5093474	20.34737

#1	1.219682	.1705559	-.129976	-.000304	.5666180	2.289635	.0056094
#2	1.245284	.1691061	-.131589	-.000010	.5708113	2.308957	.0050792
#3	1.265479	.1689292	-.128829	-.000702	.5718561	2.287889	.0037157

Sample Name: I4725-19 Acquired: 8/11/2017 18:35:51 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v118) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MJJ3X8 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.4137103	.0021850	.0072201
Stddev	.0025642	.0000392	.0000306
%RSD	.6198156	1.796534	.4233198

#1	.4165160	.0022066	.0072080
#2	.4114881	.0022087	.0072548
#3	.4131267	.0021397	.0071974

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	968.2105	1821.592	51550.31	12077.63	3375.679
Stddev	4.7278	7.157	171.12	44.79	8.298
%RSD	.4883028	.3928978	.3319448	.3708310	.2458138

#1	970.6867	1815.008	51592.76	12039.53	3372.835
#2	962.7590	1820.557	51361.96	12066.38	3369.177
#3	971.1860	1829.209	51696.21	12126.96	3385.025

Sample Name: I4725-20 Acquired: 8/11/2017 18:39:57 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v118) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MJJ3X9 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1017273	-.016763	2.756784	-.020596	.0132398	126.4704	1.985515
Stddev	.0028863	.002013	.011707	.000606	.0013037	.2522	.006539
%RSD	2.837292	12.00875	.4246553	2.941234	9.846941	.1994021	.3293503

#1	.1036697	-.018449	2.770017	-.020540	.0145864	126.7616	1.993044
#2	.1031015	-.017306	2.747778	-.021229	.0131494	126.3244	1.981251
#3	.0984107	-.014534	2.752557	-.020021	.0119836	126.3253	1.982250

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0093284	.0209369	45.33461	.1028119	.0611137	.2347689	140.5601
Stddev	.0001225	.0004204	.07760	.0008842	.0003876	.0010286	.1415
%RSD	1.313343	2.007883	.1711732	.8600447	.6342956	.4381341	.1006341

#1	.0094570	.0212805	45.25010	.1022869	.0615256	.2345000	140.5992
#2	.0092130	.0204682	45.35107	.1038328	.0610594	.2339015	140.4033
#3	.0093152	.0210622	45.40267	.1023160	.0607560	.2359053	140.6780

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	10.06307	34.94549	.1097120	.0018672	1.482950	.1921384	2.740871
Stddev	.01127	.08416	.0006754	.0002645	.051376	.0022682	.026132
%RSD	.1120050	.2408264	.6156405	14.16416	3.464473	1.180531	.9534315

#1	10.05422	34.99831	.1097878	.0020357	1.492600	.1903232	2.729801
#2	10.05924	34.84844	.1090018	.0015624	1.528817	.1914108	2.770717
#3	10.07576	34.98971	.1103463	.0020036	1.427433	.1946812	2.722096

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	19.53516	1.208458	-.375991	.0019821	4.313203	5.892040	.0115903
Stddev	.08331	.010518	.004018	.0001255	.029560	.150759	.0008288
%RSD	.4264750	.8703924	1.068646	6.333051	.6853293	2.558687	7.150717

#1	19.60944	1.217941	-.379993	.0021120	4.338271	5.889690	.0108559
#2	19.55096	1.197145	-.371957	.0018614	4.280607	5.742470	.0114261
#3	19.44508	1.210289	-.376024	.0019731	4.320731	6.043960	.0124889

Sample Name: I4725-20 Acquired: 8/11/2017 18:39:57 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v118) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MJJ3X9 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	2.782206	.0211041	.0361271
Stddev	.000770	.0001136	.0001014
%RSD	.0276600	.5380489	.2807781

#1	2.782230	.0212205	.0362442
#2	2.782964	.0209936	.0360682
#3	2.781425	.0210981	.0360688

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	997.5907	1880.185	53728.12	13087.82	2915.816
Stddev	4.5415	11.051	65.73	44.08	13.766
%RSD	.4552502	.5877372	.1223465	.3368146	.4721279

#1	993.3611	1868.311	53652.39	13037.00	2900.373
#2	997.0206	1882.076	53770.48	13115.61	2920.273
#3	1002.390	1890.168	53761.49	13110.87	2926.802

Sample Name: I4725-21 Acquired: 8/11/2017 18:43:56 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v118) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MJJ3Y0 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.7427998	-.034363	33.01462	-.061922	.1193556	238.1341	3.815482
Stddev	.0066629	.003054	.03654	.003476	.0050397	2.7039	.014117
%RSD	.8969985	8.887435	.1106702	5.614092	4.222423	1.135447	.3699969

#1	.7368378	-.034465	32.98817	-.058485	.1249575	240.6863	3.831679
#2	.7415696	-.031259	32.99937	-.065437	.1151900	238.4154	3.808975
#3	.7499921	-.037365	33.05631	-.061845	.1179192	235.3005	3.805791

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0139896	.0784727	350.5556	.1444529	.1137033	1.014880	299.8494
Stddev	.0003834	.0004328	.5699	.0002779	.0003426	.005905	.2341
%RSD	2.740810	.5514886	.1625699	.1923703	.3012755	.5818191	.0780661

#1	.0144151	.0783903	349.8985	.1446167	.1135990	1.021578	299.5795
#2	.0136709	.0780871	350.9154	.1446100	.1134250	1.010425	299.9978
#3	.0138828	.0789408	350.8528	.1441321	.1140859	1.012638	299.9708

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	20.44893	213.1527	.3076436	.0272222	3.281905	.6386957	17.41967
Stddev	.01595	.9423	.0001558	.0001794	.051727	.0031453	.13962
%RSD	.0780208	.4420975	.0506461	.6588806	1.576138	.4924635	.8014983

#1	20.43157	214.2181	.3076989	.0270158	3.249257	.6352735	17.31341
#2	20.46295	212.4285	.3074677	.0273400	3.341545	.6393535	17.57780
#3	20.45226	212.8116	.3077642	.0273108	3.254913	.6414601	17.36778

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	34.55808	1.500519	-.857703	-.001428	4.396581	6.807480	.0115534
Stddev	.33216	.002846	.006402	.000663	.005929	.032177	.0020017
%RSD	.9611718	.1896468	.7463997	46.38890	.1348638	.4726649	17.32605

#1	34.92050	1.503414	-.865028	-.000710	4.402034	6.775989	.0097982
#2	34.48558	1.500416	-.853179	-.001559	4.390269	6.840301	.0137334
#3	34.26815	1.497726	-.854902	-.002016	4.397440	6.806149	.0111285

Sample Name: I4725-21 Acquired: 8/11/2017 18:43:56 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v118) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MJJ3Y0 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	4.438514	.0389150	.0526406
Stddev	.013480	.0004018	.0002540
%RSD	.3037075	1.032431	.4824533

#1	4.453374	.0393782	.0529103
#2	4.435096	.0387059	.0526053
#3	4.427072	.0386609	.0524061

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1019.408	1903.036	54333.20	13569.83	2413.616
Stddev	6.683	14.440	104.32	58.97	14.202
%RSD	.6555900	.7587758	.1920051	.4345541	.5884271

#1	1023.479	1899.274	54336.72	13501.94	2410.532
#2	1011.695	1890.849	54227.16	13608.31	2401.208
#3	1023.050	1918.984	54435.71	13599.24	2429.106

Sample Name: I4725-22 Acquired: 8/11/2017 18:47:57 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v118) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MJJ3Y1 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.8410895	-.023659	F 50.61344	-.047192	.1779859	150.8902
Stddev	.0035212	.003123	.18230	.003595	.0025365	.5029
%RSD	.4186471	13.20068	.3601722	7.618660	1.425086	.3332639

#1	.8440093	-.022160	50.76083	-.044283	.1798366	150.6386
#2	.8371791	-.027250	50.66990	-.046083	.1750946	151.4692
#3	.8420801	-.021569	50.40960	-.051212	.1790264	150.5628

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.760231	.0086270	.1229536	234.6336	.0685509	.0682707
Stddev	.015897	.0001533	.0004850	.8333	.0004129	.0001360
%RSD	.5759168	1.777370	.3944620	.3551577	.6023502	.1992422

#1	2.756982	.0087665	.1231703	235.0494	.0687629	.0681697
#2	2.777501	.0084628	.1232925	233.6743	.0688147	.0682171
#3	2.746210	.0086517	.1223980	235.1773	.0680750	.0684254

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.303184	251.6413	23.79987	164.4973	.1420840	.0395255
Stddev	.007007	.3608	.04428	.3696	.0015442	.0002197
%RSD	.5377078	.1433787	.1860704	.2247138	1.086823	.5558773

#1	1.300655	251.7895	23.81695	164.1296	.1413195	.0396903
#2	1.311105	251.2300	23.74959	164.8689	.1438613	.0396101
#3	1.297792	251.9045	23.83308	164.4933	.1410711	.0392761

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.849724	.6869335	27.93718	26.62101	1.204203	-.683651
Stddev	.019264	.0042342	.10903	.20353	.003573	.001994
%RSD	.6759805	.6163920	.3902835	.7645505	.2966815	.2916771

#1	2.870356	.6881333	27.90913	26.43345	1.200635	-.682404
#2	2.846608	.6822289	28.05751	26.83743	1.207780	-.682598
#3	2.832209	.6904383	27.84492	26.59215	1.204195	-.685951

Sample Name: I4725-22 Acquired: 8/11/2017 18:47:57 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v118) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MJJ3Y1 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.001525	3.635955	7.314919	.0133796	3.244987	.0244539
Stddev	.000139	.014348	.066779	.0017494	.004270	.0001607
%RSD	9.101782	.3946050	.9129091	13.07530	.1316019	.6570386

#1	-.001396	3.625487	7.334328	.0153299	3.249687	.0244047
#2	-.001507	3.652310	7.240586	.0128601	3.243929	.0246334
#3	-.001672	3.630068	7.369843	.0119487	3.241346	.0243236

Elem	Sr4077
Units	ppm
Avg	.0381008
Stddev	.0000909
%RSD	.2385111

#1	.0380836
#2	.0381990
#3	.0380197

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	943.6983	1773.362	50650.16	12626.77	2583.813
Stddev	9.0343	11.618	289.20	16.70	4.162
%RSD	.9573315	.6551455	.5709785	.1322291	.1610867

#1	946.4533	1778.251	50842.55	12609.70	2587.660
#2	933.6072	1781.736	50317.58	12627.55	2584.384
#3	951.0344	1760.098	50790.35	12643.07	2579.395

Sample Name: I4726-01 Acquired: 8/11/2017 18:51:56 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v118) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MJJ3Y2 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	7.424026	-.088397	F 437.0000	-.267929	1.309353	70.95364
Stddev	.033820	.002904	1.5746	.014567	.011081	.02987
%RSD	.4555474	3.285126	.3603127	5.436733	.8462592	.0420943

#1	7.463027	-.089185	437.0381	-.277973	1.322125	70.95049
#2	7.406255	-.090826	438.5552	-.251223	1.303630	70.92548
#3	7.402796	-.085180	435.4067	-.274592	1.302305	70.98496

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.295962	.0116662	1.067210	F 1214.560	-.067701	.0658200
Stddev	.004503	.0001494	.007361	20.552	.000735	.0007474
%RSD	.1048297	1.280485	.6897369	1.692102	1.086220	1.135556

#1	4.298621	.0118307	1.062122	1205.943	-.066901	.0654789
#2	4.298503	.0115391	1.075651	1199.719	-.067857	.0666771
#3	4.290762	.0116288	1.063857	1238.017	-.068347	.0653040

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	11.96568	F 1037.246	F 110.8481	713.7638	.0708162	.4201795
Stddev	.03501	2.180	1.1412	.3277	.0002250	.0008872
%RSD	.2926178	.2101609	1.029533	.0459090	.3177693	.2111534

#1	11.96070	1039.602	111.2847	714.1391	.0710331	.4212032
#2	12.00292	1035.300	109.5531	713.5340	.0705838	.4196326
#3	11.93343	1036.835	111.7066	713.6185	.0708318	.4197027

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	9.227853	4.239130	F 156.1001	9.781148	2.591070	^ *****
Stddev	.075693	.027006	.8813	.035547	.008663	-----
%RSD	.8202653	.6370615	.5645540	.3634272	.3343518	-----

#1	9.141987	4.245948	155.4403	9.761180	2.599813	^ -----
#2	9.284916	4.209369	155.7592	9.822190	2.590908	^ -----
#3	9.256657	4.262074	157.1009	9.760074	2.582488	^ -----

Sample Name: I4726-01 Acquired: 8/11/2017 18:51:56 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v118) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MJJ3Y2 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0022349	4.938438	8.947066	.0946648	.8681032	.0129451
Stddev	.0006246	.031047	.099814	.0039840	.0044353	.0000478
%RSD	27.94703	.6286788	1.115606	4.208539	.5109196	.3694791

#1	.0025529	4.906753	9.061646	.0968625	.8674145	.0129749
#2	.0026364	4.968805	8.878989	.0970659	.8728426	.0128899
#3	.0015153	4.939756	8.900562	.0900660	.8640526	.0129705

Elem	Sr4077
Units	ppm
Avg	.1026943
Stddev	.0001893
%RSD	.1843504

#1	.1029098
#2	.1025548
#3	.1026184

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	739.5771	1422.898	44807.84	11074.18	1963.432
Stddev	3.9975	12.282	124.27	38.87	10.614
%RSD	.5405137	.8631459	.2773397	.3509819	.5405828

#1	743.8370	1408.935	44950.37	11030.80	1951.729
#2	738.9867	1432.029	44750.96	11085.93	1972.435
#3	735.9077	1427.730	44722.19	11105.82	1966.133

Sample Name: CCV008 Acquired: 8/11/2017 18:56:12 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v118) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: CCV008 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.957729	4.668576	23.44228	4.751322	4.971972	395.7583
Stddev	.009405	.024068	.07785	.010730	.009587	.8631
%RSD	.1897095	.5155379	.3320776	.2258419	.1928277	.2181003

#1	4.953263	4.679487	23.45451	4.756036	4.976158	394.7774
#2	4.968535	4.685256	23.51329	4.758888	4.978754	396.0957
#3	4.951389	4.640985	23.35905	4.739041	4.961003	396.4018

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	9.902949	.4810805	2.374986	392.3783	15.31369	2.388581
Stddev	.048710	.0008847	.011956	1.7130	.03427	.008669
%RSD	.4918728	.1838950	.5034103	.4365785	.2237759	.3629494

#1	9.953140	.4820973	2.379616	392.3316	15.35240	2.391622
#2	9.855870	.4804865	2.383934	390.6891	15.28725	2.395321
#3	9.899838	.4806578	2.361407	394.1142	15.30141	2.378801

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	14.95930	381.7178	14.03299	392.3263	2.393613	1.281367
Stddev	.08570	1.2364	.05802	.7560	.005169	.004414
%RSD	.5728558	.3239170	.4134370	.1926990	.2159476	.3445088

#1	14.94420	381.7130	14.03910	391.6589	2.391978	1.279175
#2	15.05154	380.4838	13.97216	392.1726	2.399402	1.286448
#3	14.88216	382.9567	14.08771	393.1473	2.389460	1.278477

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	392.7481	2.381264	14.33798	150.2441	F 6.781934	F 3.965019
Stddev	1.3736	.009817	.11255	.8140	.016028	.006912
%RSD	.3497291	.4122395	.7849603	.5417655	.2363315	.1743242

#1	391.6710	2.383178	14.25519	150.2216	6.799078	3.972933
#2	394.2949	2.370632	14.29262	151.0690	6.779401	3.961954
#3	392.2783	2.389983	14.46613	149.4415	6.767324	3.960169

Sample Name: CCV008 Acquired: 8/11/2017 18:56:12 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v118) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: CCV008 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.736251	5.099334	4.725233	4.732226	4.744671	6.624059
Stddev	.012038	.014727	.010069	.018117	.011305	.050630
%RSD	.2541650	.2887945	.2130957	.3828413	.2382748	.7643417

#1	4.738815	5.109361	4.715080	4.738817	4.735281	6.581861
#2	4.746800	5.106215	4.735216	4.746125	4.741512	6.610116
#3	4.723138	5.082427	4.725405	4.711736	4.757220	6.680200

Elem	Sr4077
Units	ppm
Avg	7.985494
Stddev	.036580
%RSD	.4580743

#1	7.965610
#2	8.027708
#3	7.963162

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	799.6613	1511.241	42636.14	11118.68	2177.623
Stddev	3.4414	1.948	47.61	13.10	4.232
%RSD	.4303526	.1288890	.1116565	.1177819	.1943276

#1	802.7301	1509.888	42685.37	11133.73	2172.740
#2	800.3133	1513.474	42590.34	11109.87	2179.913
#3	795.9406	1510.362	42632.70	11112.45	2180.216

Sample Name: CCB008 Acquired: 8/11/2017 19:00:34 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v118) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: CCB008 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0000458	.0003159	.0018175	-.000015	.0014832	.0062288	-.000106
Stddev	.0008097	.0011043	.0012870	.000537	.0012136	.0050165	.001158
%RSD	1766.833	349.5898	70.81435	3617.144	81.82083	80.53701	1095.289

#1	.0002973	.0014327	.0018755	-.000360	.0028836	.0031368	.000621
#2	-.000860	.0002903	.0030745	-.000287	.0007399	.0120169	.000502
#3	.000700	-.000775	.0005024	.000603	.0008261	.0035328	-.001441

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000012	-.000085	.0000730	-.002123	-.000053	.0000426	.0067340
Stddev	.000054	.000061	.0032745	.000258	.000235	.0003282	.0070718
%RSD	448.4896	71.04769	4483.168	12.13058	439.5765	770.8512	105.0156

#1	-.000031	-.000154	-.000778	-.001928	.000070	-.000219	.0042238
#2	-.000054	-.000063	-.002692	-.002027	-.000324	.000411	.0147185
#3	.000049	-.000039	.003689	-.002415	.000094	-.000065	.0012598

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0003085	-.019103	.0001100	-.000163	.0093566	.0005278	.0020989
Stddev	.0002044	.013647	.0000887	.000151	.0284505	.0014299	.0036973
%RSD	66.24944	71.43884	80.64990	92.87427	304.0676	270.9287	176.1572

#1	.0002425	-.024396	.0001875	-.000121	.0256813	.0002984	.0063533
#2	.0001452	-.003602	.0001292	-.000036	.0258837	.0020585	-.000336
#3	.0005377	-.029310	.0000132	-.000330	-.023495	-.000774	.000280

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.036191	.0001178	.0047807	.0002953	-.030607	.0033598	-.000240
Stddev	.073657	.0000836	.0005299	.0001710	.001876	.0006079	.001018
%RSD	203.5190	71.02741	11.08465	57.92276	6.130562	18.09454	423.9350

#1	-.062310	.0000213	.0053523	.0004876	-.032709	.0033950	.000678
#2	-.093230	.0001611	.0046839	.0002378	-.030012	.0027351	-.001334
#3	.046965	.0001709	.0043058	.0001604	-.029100	.0039494	-.000065

Sample Name: CCB008 Acquired: 8/11/2017 19:00:34 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v118) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: CCB008 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.0002995	.0004011	.0001543
Stddev	.0002928	.0000316	.0000058
%RSD	97.75423	7.882113	3.789149

#1	-.000037	.0003915	.0001609
#2	.000445	.0003753	.0001502
#3	.000492	.0004364	.0001516

Int. Std.	Y_ 2243	Y_ 2243	Y_ 3600	Y_ 3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1036.019	1955.120	53295.13	11828.91	3755.674
Stddev	5.130	6.397	193.21	748.16	9.886
%RSD	.4951715	.3271885	.3625256	6.324885	.2632232

#1	1030.664	1948.250	53167.16	12169.23	3745.427
#2	1036.506	1960.905	53200.86	12346.42	3765.154
#3	1040.889	1956.206	53517.38	10971.08	3756.442