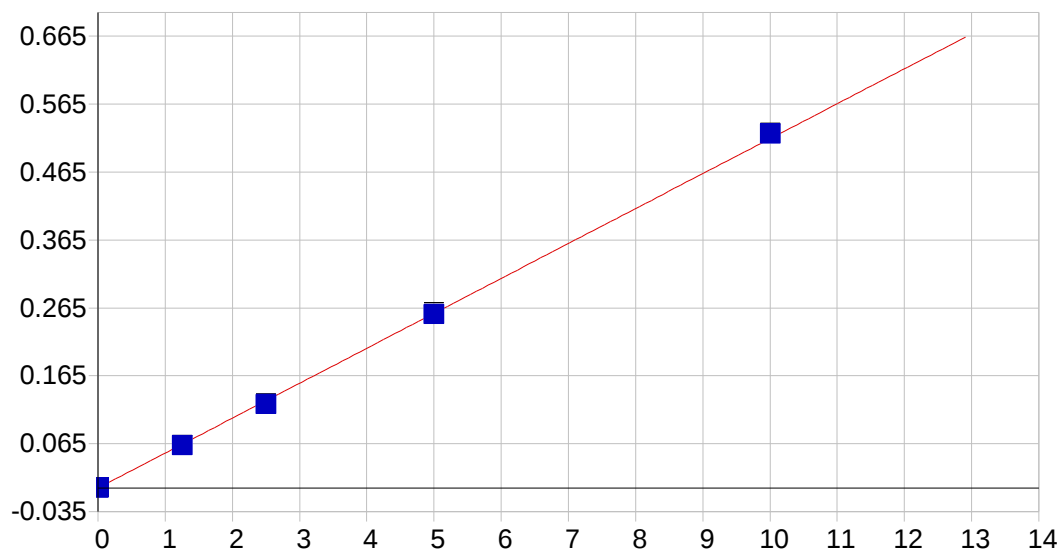


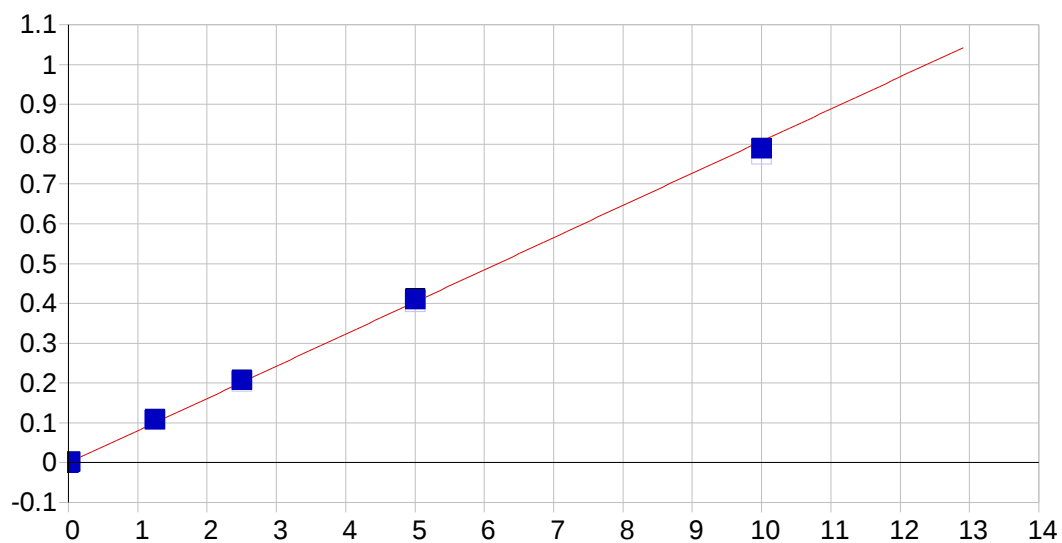


As 189.042 {479}

Date of Fit: 5/30/2017 14:12:32 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.000212 Re-Slope: 1.000000
 A1 (Gain): 0.051439 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999832 Status: OK.
 Std Error of Est: 0.000016
 Predicted MDL: 0.002791
 Predicted MQL: 0.009304

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	-.00021	.000	1
S1	.01000	.01063	.001	6.31	.00033	.000	1
S2	1.2500	1.2194	-.031	-2.45	.06249	.000	1
S3	2.5000	2.4069	-.093	-3.72	.12356	.001	1
S4	5.0000	4.9817	-.018	-.365	.25597	.002	1
S5	10.000	10.141	.141	1.41	.52130	.001	1



Date of Fit: 5/30/2017 14:12:32

Type of Fit: Linear

Weighting: 1/Conc

A0 (Offset): -0.000174

Re-Slope: 1.000000

A1 (Gain): 0.080767

Y-int: 0.000000

A2 (Curvature): 0.000000

n (Exponent): 1.000000

Correlation: 0.999554

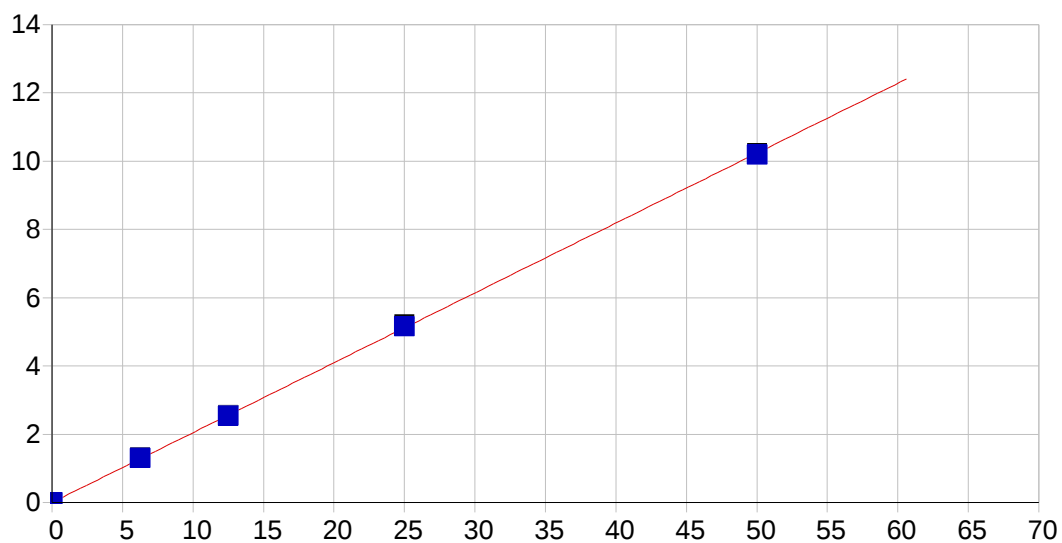
Status: OK.

Std Error of Est: 0.000063

Predicted MDL: 0.001467

Predicted MQL: 0.004890

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	-.00017	.000	1
S1	.02500	.02727	.002	9.08	.00186	.000	1
S2	1.2500	1.3445	.095	7.56	.10659	.001	1
S3	2.5000	2.5681	.068	2.73	.20358	.001	1
S4	5.0000	5.0756	.076	1.51	.40243	.003	1
S5	10.000	9.7596	-.240	-2.40	.77341	.002	1

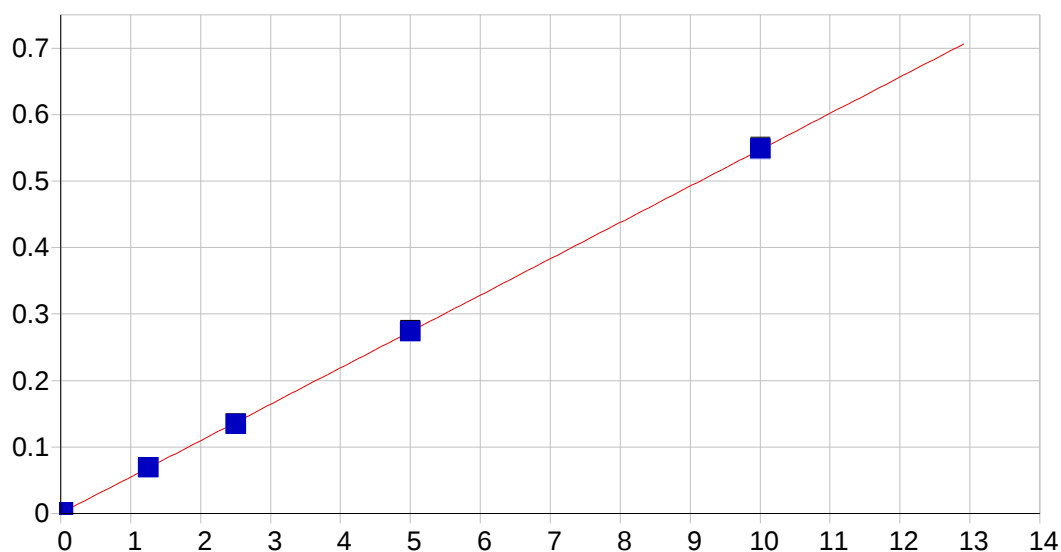


Pb 220.353 {453}

Date of Fit: 5/30/2017 14:12:32 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.000101 Re-Slope: 1.000000
 A1 (Gain): 0.204718 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999973 Status: OK.
 Std Error of Est: 0.000056
 Predicted MDL: 0.001252
 Predicted MQL: 0.004173

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	.00010	.000	1
S1	.01000	.00973	.000	-2.74	.00209	.000	1
S2	6.2500	6.3568	.107	1.71	1.3018	.006	1
S3	12.500	12.402	-.098	-.786	2.5397	.008	1
S4	25.000	25.198	.198	.792	5.1601	.041	1
S5	50.000	49.794	-.206	-.413	10.197	.026	1

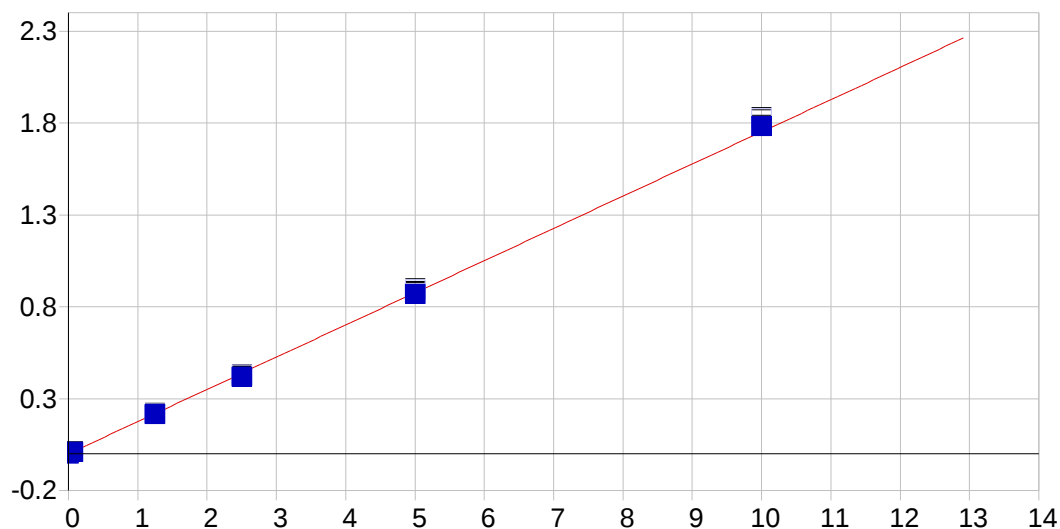


Se 196.090 {472}

Date of Fit: 5/30/2017 14:12:32 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.000245 Re-Slope: 1.000000
 A1 (Gain): 0.054683 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999961 Status: OK.
 Std Error of Est: 0.000015
 Predicted MDL: 0.002938
 Predicted MQL: 0.009794

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	.00025	.000	1
S1	.03500	.03053	-.004	-12.8	.00191	.000	1
S2	1.2500	1.2571	.007	.569	.06874	.000	1
S3	2.5000	2.4571	-.043	-1.72	.13410	.001	1
S4	5.0000	5.0090	.009	.180	.27314	.002	1
S5	10.000	10.031	.031	.313	.54677	.002	1

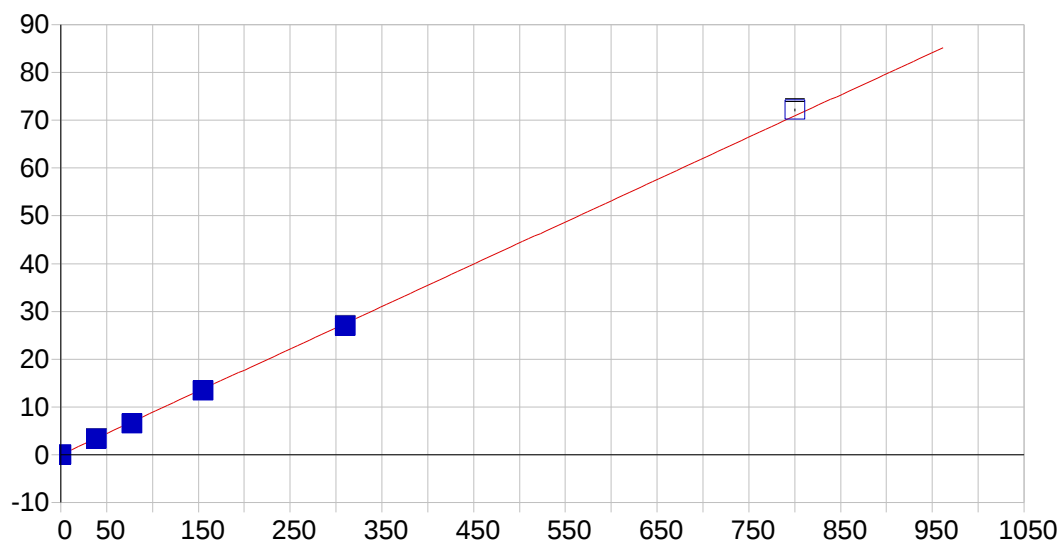


Sb 206.833 {463}

Date of Fit: 5/30/2017 14:12:32 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.000155 Re-Slope: 1.000000
 A1 (Gain): 0.175192 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999786 Status: OK.
 Std Error of Est: 0.000153
 Predicted MDL: 0.001261
 Predicted MQL: 0.004205

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	-.00015	.000	1
S1	.06000	.05974	.000	-.425	.01031	.000	1
S2	1.2500	1.2194	-.031	-2.45	.21874	.002	1
S3	2.5000	2.3928	-.107	-4.29	.42958	.001	1
S4	5.0000	4.9676	-.032	-.648	.89118	.006	1
S5	10.000	10.170	.170	1.70	1.8237	.006	1

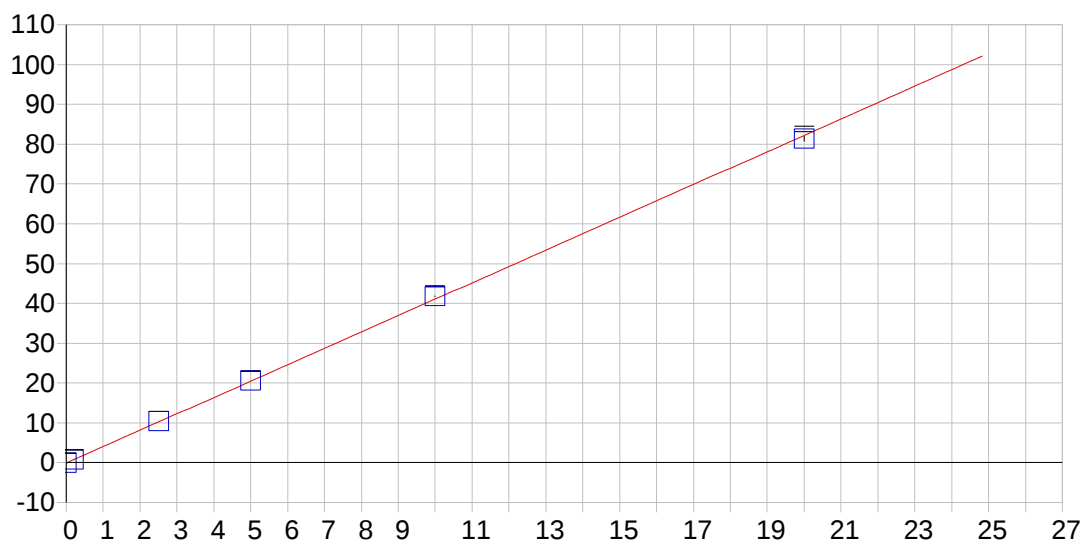


AI 396.152 { 85}

Date of Fit: 5/30/2017 14:16:40 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.000317 Re-Slope: 1.000000
 A1 (Gain): 0.088598 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999762 Status: OK.
 Std Error of Est: 0.001201
 Predicted MDL: 0.008652
 Predicted MQL: 0.028841

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00002	.000	.000	.00032	.001	1
S1	.20000	.19539	-.005	-2.30	.01766	.000	1
S2	38.750	37.612	-1.14	-2.94	3.3368	.006	1
S3	77.500	73.920	-3.58	-4.62	6.5577	.016	1
S4	155.00	151.22	-3.78	-2.44	13.414	.028	1
S5	310.00	304.19	-5.81	-1.88	26.984	.072	1
S6	800.00	814.34	14.3	1.79	72.149	.261	1

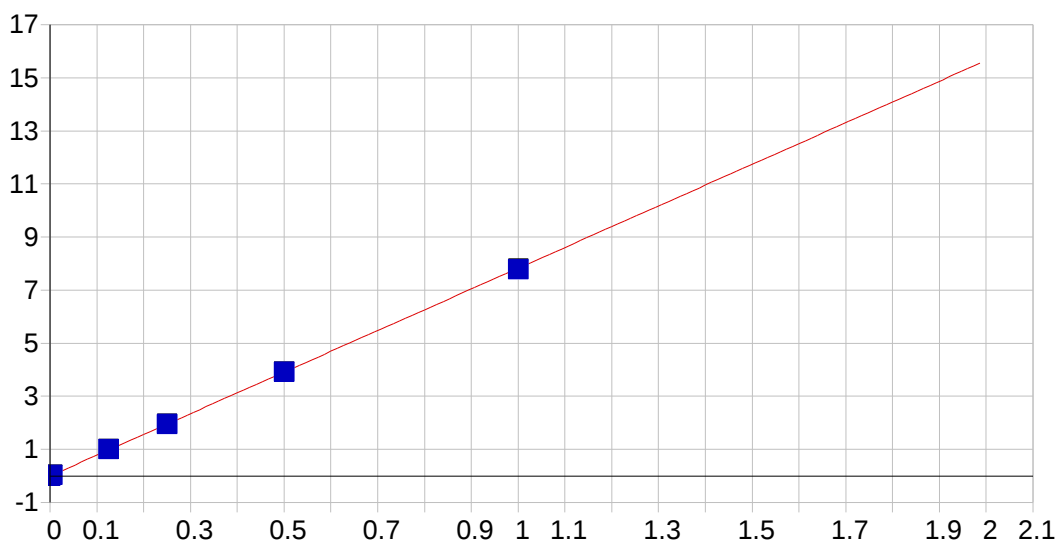


Ba 493.409 { 68}

Date of Fit: 5/30/2017 14:12:32 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.089615 Re-Slope: 1.000000
 A1 (Gain): 4.114451 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999918 Status: OK.
 Std Error of Est: 0.005605
 Predicted MDL: 0.000849
 Predicted MQL: 0.002829

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	-.08961	.000	1
S1	.20000	.19479	-.005	-2.60	.71185	.004	1
S2	2.5000	2.5354	.035	1.42	10.342	.008	1
S3	5.0000	5.0090	.009	.179	20.520	.050	1
S4	10.000	10.178	.178	1.78	41.788	.171	1
S5	20.000	19.783	-.217	-1.09	81.305	.691	1

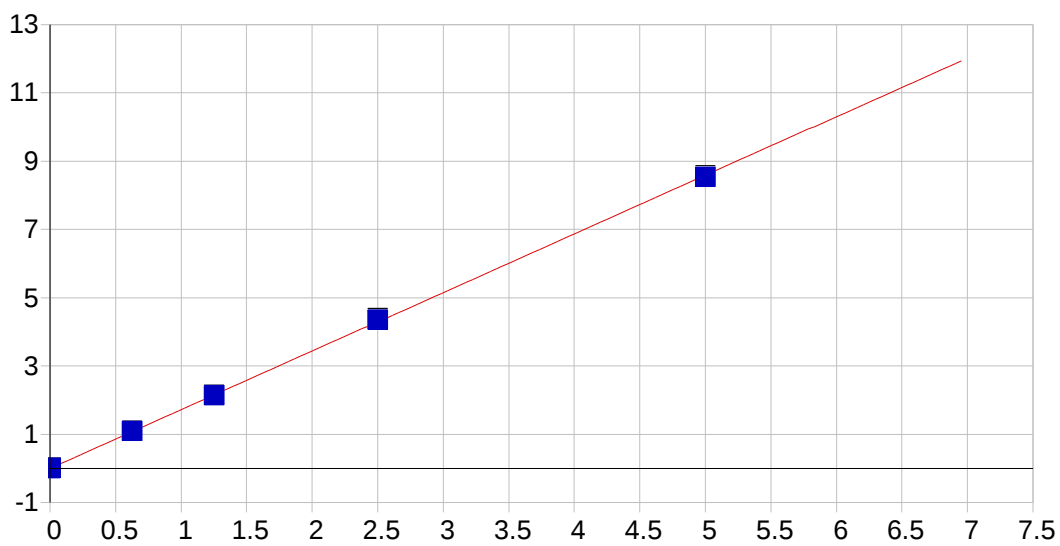


Be 234.861 {144}

Date of Fit: 5/30/2017 14:12:32 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.002856 Re-Slope: 1.000000
 A1 (Gain): 7.827904 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999963 Status: OK.
 Std Error of Est: 0.000251
 Predicted MDL: 0.000074
 Predicted MQL: 0.000246

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	-.00286	.000	1
S1	.00500	.00517	.000	3.45	.03761	.001	1
S2	.12500	.12846	.003	2.77	.99942	.003	1
S3	.25000	.24907	-.001	-.373	1.9402	.015	1
S4	.50000	.50210	.002	.419	3.9143	.006	1
S5	1.0000	.99521	-.005	-.479	7.7612	.025	1

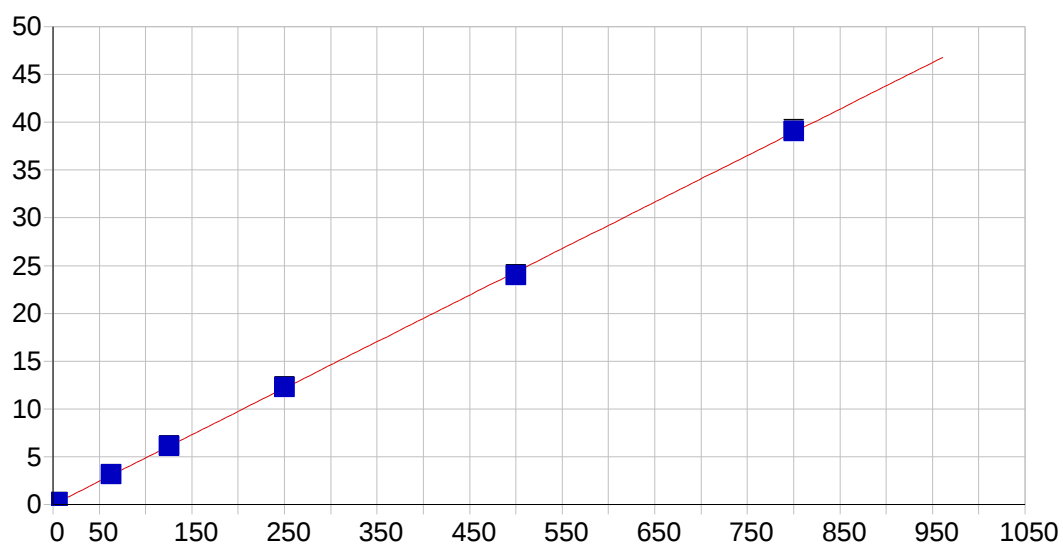


Cd 214.438 {457}

Date of Fit: 5/30/2017 14:12:32 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.000029 Re-Slope: 1.000000
 A1 (Gain): 1.717407 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999958 Status: OK.
 Std Error of Est: 0.000133
 Predicted MDL: 0.000092
 Predicted MQL: 0.000307

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	.00003	.000	1
S1	.00500	.00494	.000	-1.26	.00851	.000	1
S2	.62500	.63417	.009	1.47	1.0910	.006	1
S3	1.2500	1.2455	-.005	-.361	2.1428	.007	1
S4	2.5000	2.5312	.031	1.25	4.3547	.042	1
S5	5.0000	4.9642	-.036	-.717	8.5405	.038	1



Ca 373.690 { 90}

Date of Fit: 5/30/2017 14:16:40

Type of Fit: Linear

Weighting: 1/Conc

A0 (Offset): 0.001848

Re-Slope: 1.000000

A1 (Gain): 0.048678

Y-int: 0.000000

A2 (Curvature): 0.000000

n (Exponent): 1.000000

Correlation: 0.999944

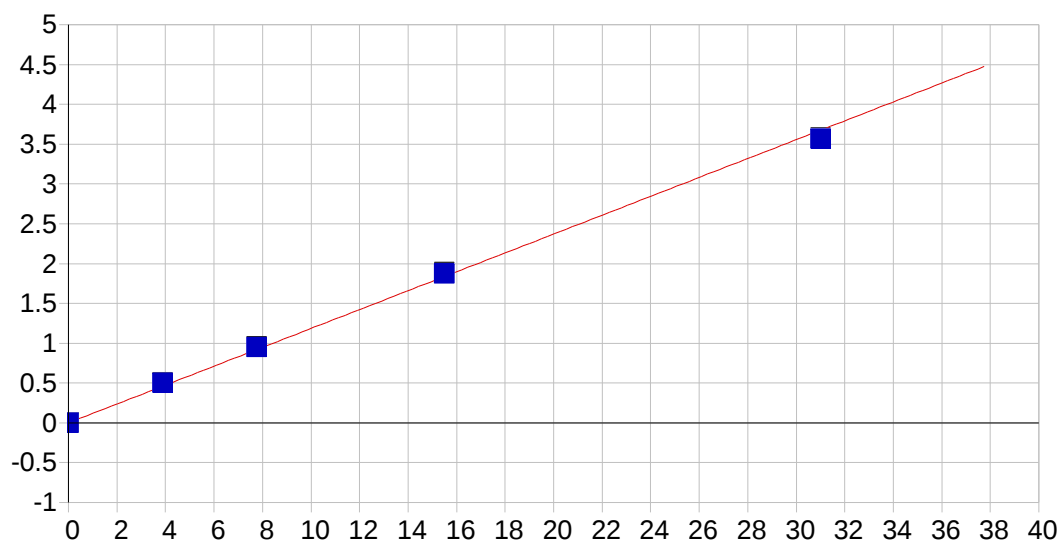
Status: OK.

Std Error of Est: 0.001793

Predicted MDL: 0.014749

Predicted MQL: 0.049162

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00014	.000	.000	.00184	.001	1
S1	5.0000	4.9808	-.019	-.385	.24429	.001	1
S2	62.500	64.423	1.92	3.08	3.1342	.020	1
S3	125.00	125.65	.652	.521	6.1109	.027	1
S4	250.00	251.92	1.92	.770	12.250	.061	1
S5	500.00	492.70	-7.30	-1.46	23.956	.093	1
S6	800.00	802.82	2.82	.353	39.003	.188	1

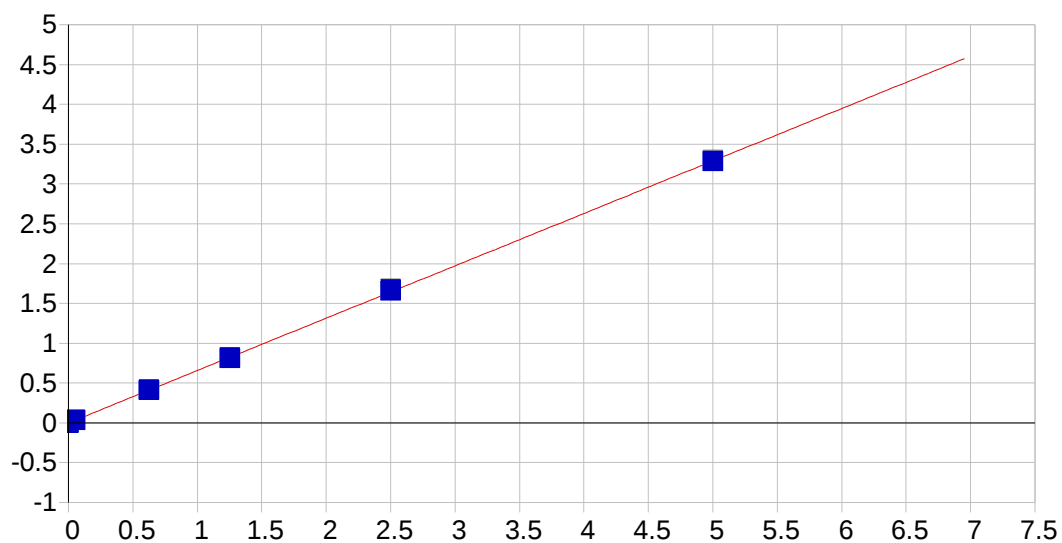


Cr 267.716 {126}

Date of Fit: 5/30/2017 14:12:32 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.000001 Re-Slope: 1.000000
 A1 (Gain): 0.118531 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999401 Status: OK.
 Std Error of Est: 0.000121
 Predicted MDL: 0.000476
 Predicted MQL: 0.001587

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	.00000	.000	1
S1	.01000	.01069	.001	6.86	.00128	.000	1
S2	3.8750	4.2050	.330	8.52	.49961	.006	1
S3	7.7500	8.0180	.268	3.46	.95276	.007	1
S4	15.500	15.808	.308	1.98	1.8784	.014	1
S5	31.000	30.094	-.906	-2.92	3.5766	.007	1

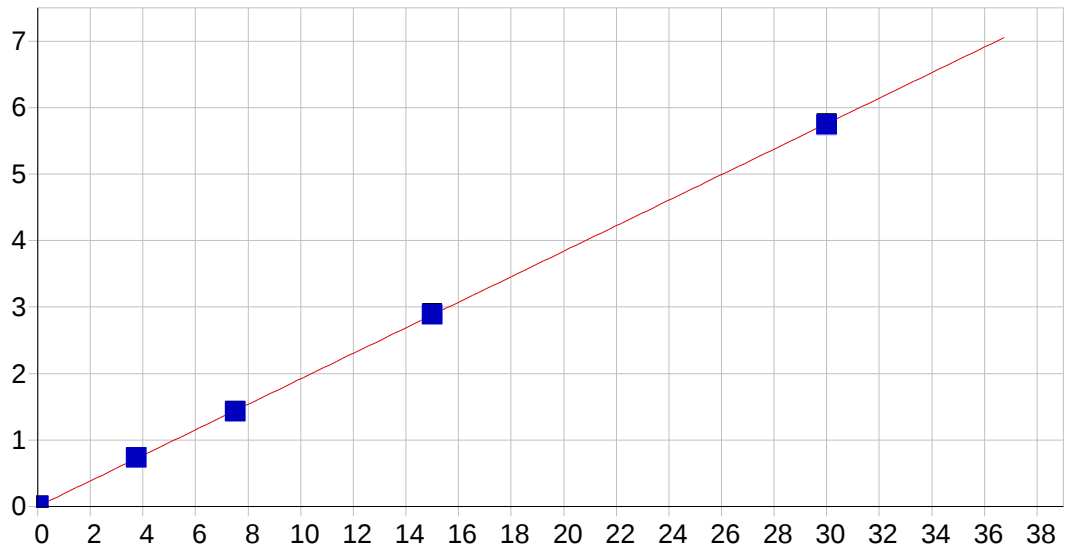


Co 228.616 {448}

Date of Fit: 5/30/2017 14:12:32 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.000323 Re-Slope: 1.000000
 A1 (Gain): 0.657687 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999956 Status: OK.
 Std Error of Est: 0.000163
 Predicted MDL: 0.000245
 Predicted MQL: 0.000817

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	-.00032	.000	1
S1	.05000	.04610	-.004	-7.79	.03012	.000	1
S2	.62500	.62566	.001	.105	.41202	.002	1
S3	1.2500	1.2349	-.015	-1.21	.81355	.003	1
S4	2.5000	2.5282	.028	1.13	1.6659	.013	1
S5	5.0000	4.9902	-.010	-.196	3.2885	.009	1

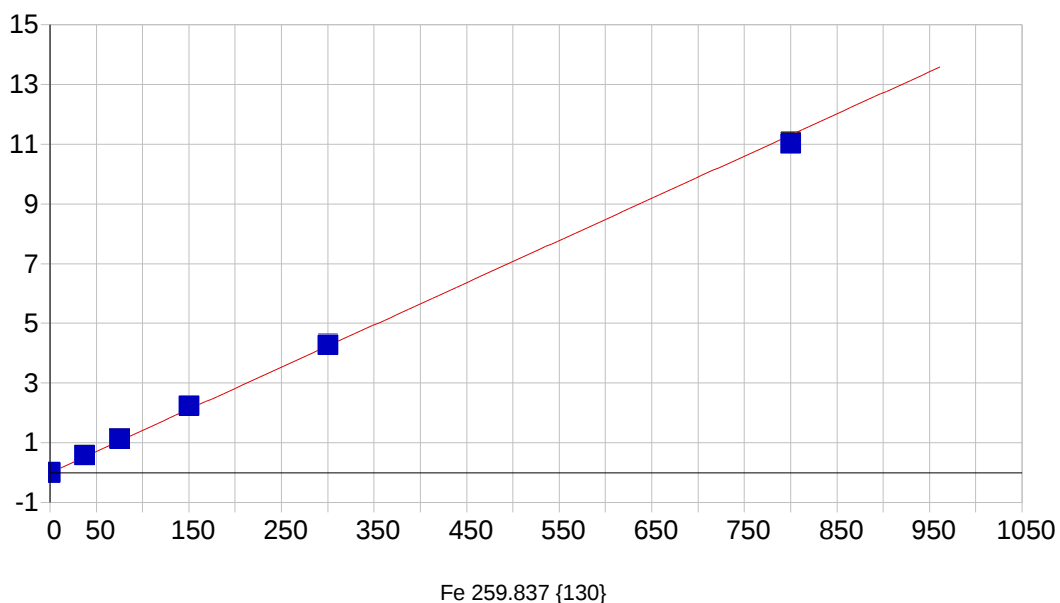


Cu 324.754 {104}

Date of Fit: 5/30/2017 14:12:32 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.001044 Re-Slope: 1.000000
 A1 (Gain): 0.191900 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999982 Status: OK.
 Std Error of Est: 0.000053
 Predicted MDL: 0.002408
 Predicted MQL: 0.008026

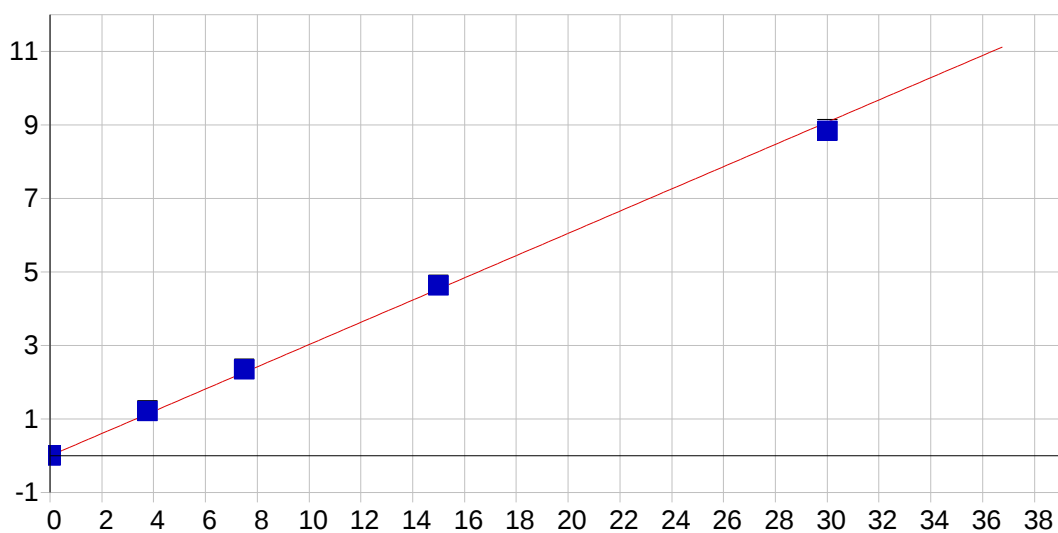
Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	.00104	.000	1
S1	.02500	.02767	.003	10.7	.00632	.000	1
S2	3.7500	3.8089	.059	1.57	.72992	.003	1
S3	7.5000	7.4419	-.058	-.775	1.4250	.006	1
S4	15.000	15.062	.062	.412	2.8832	.009	1
S5	30.000	29.935	-.065	-.217	5.7291	.017	1



Date of Fit: 5/30/2017 14:16:40 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.000043 Re-Slope: 1.000000
 A1 (Gain): 0.014132 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999342 Status: OK.
 Std Error of Est: 0.000224
 Predicted MDL: 0.017227
 Predicted MQL: 0.057425

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00005	.000	.000	.00004	.000	1
S1	.10000	.13091	.031	30.9	.00190	.000	1
S2	37.500	41.544	4.04	10.8	.58778	.001	1
S3	75.000	79.982	4.98	6.64	1.1316	.007	1
S4	150.00	158.52	8.52	5.68	2.2428	.006	1
S5	300.00	302.67	2.67	.890	4.2825	.019	1
S6	800.00	779.74	-20.3	-2.53	11.025	.042	1

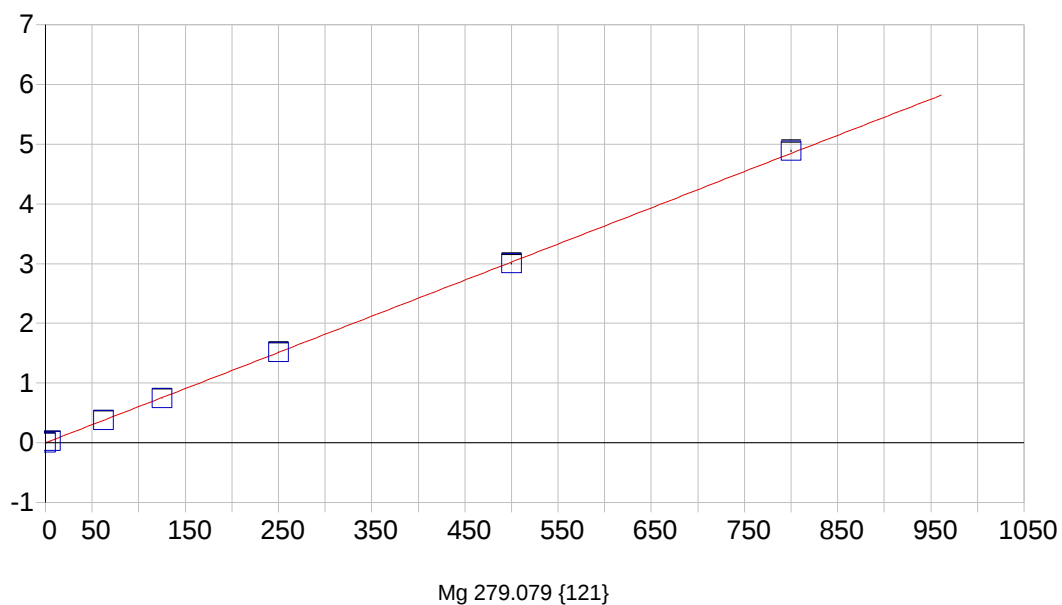


Mn 257.610 {131}

Date of Fit: 5/30/2017 14:12:32 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.000007 Re-Slope: 1.000000
 A1 (Gain): 0.302540 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999540 Status: OK.
 Std Error of Est: 0.000326
 Predicted MDL: 0.000903
 Predicted MQL: 0.003009

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	.00001	.000	1
S1	.01500	.01601	.001	6.75	.00485	.000	1
S2	3.7500	4.0141	.264	7.04	1.2147	.008	1
S3	7.5000	7.7388	.239	3.18	2.3418	.012	1
S4	15.000	15.278	.278	1.85	4.6232	.017	1
S5	30.000	29.218	-.782	-2.61	8.8416	.038	1



Date of Fit: 5/30/2017 14:16:40

Type of Fit: Linear

Weighting: 1/Conc

A0 (Offset): -0.000201

Re-Slope: 1.000000

A1 (Gain): 0.006054

Y-int: 0.000000

A2 (Curvature): 0.000000

n (Exponent): 1.000000

Correlation: 0.999953

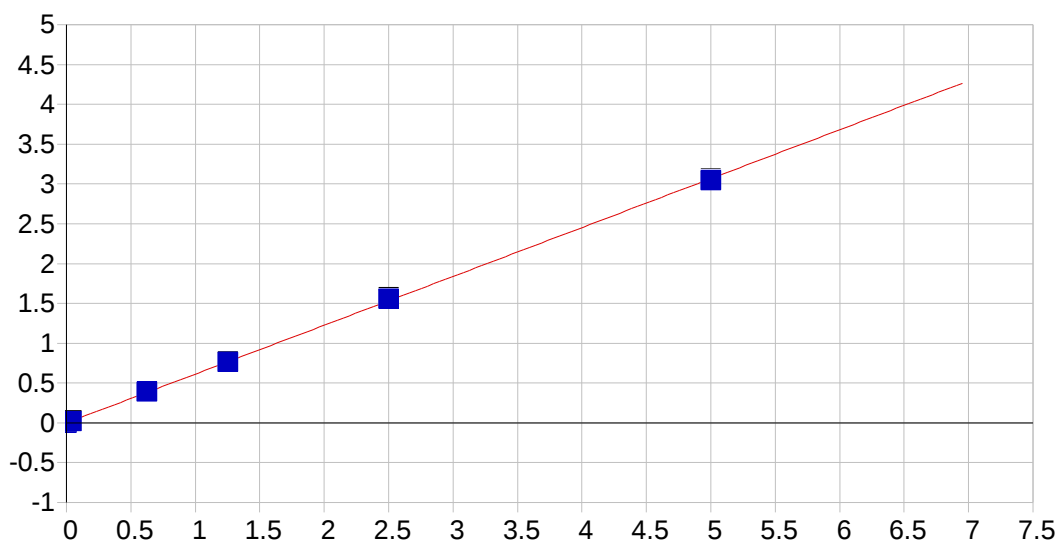
Status: OK.

Std Error of Est: 0.000205

Predicted MDL: 0.045600

Predicted MQL: 0.151999

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00040	.000	.000	-.00020	.000	1
S1	5.0000	4.7246	-.275	-5.51	.02840	.000	1
S2	62.500	61.991	-.509	-.814	.37510	.003	1
S3	125.00	122.61	-2.39	-1.92	.74206	.003	1
S4	250.00	250.73	.728	.291	1.5177	.006	1
S5	500.00	495.61	-4.39	-.878	3.0003	.010	1
S6	800.00	806.84	6.84	.855	4.8844	.018	1

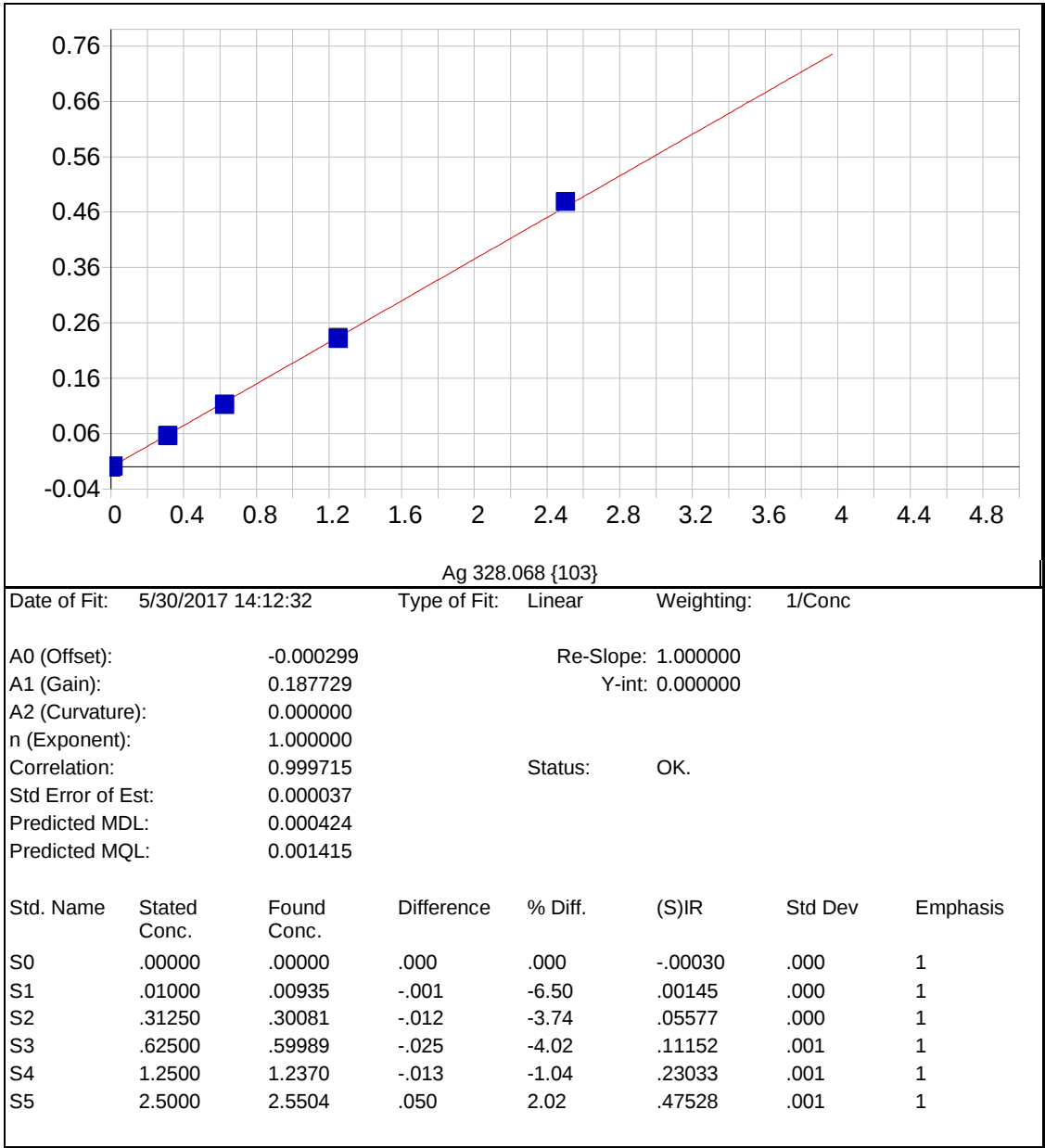


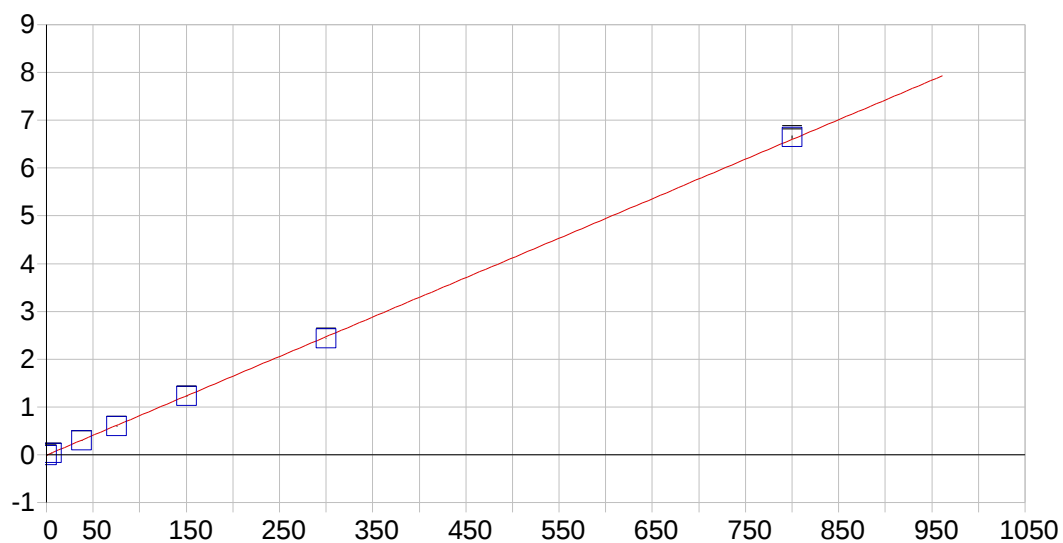
Ni 231.604 {446}

Date of Fit: 5/30/2017 14:12:32 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.000643 Re-Slope: 1.000000
 A1 (Gain): 0.613392 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999935 Status: OK.
 Std Error of Est: 0.000167
 Predicted MDL: 0.000345
 Predicted MQL: 0.001151

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	-.00064	.000	1
S1	.04000	.03829	-.002	-4.26	.02288	.000	1
S2	.62500	.63689	.012	1.90	.39204	.003	1
S3	1.2500	1.2448	-.005	-.419	.76692	.003	1
S4	2.5000	2.5375	.037	1.50	1.5639	.013	1
S5	5.0000	4.9576	-.042	-.848	3.0564	.008	1





Na 818.326 { 41}

Date of Fit: 5/30/2017 14:16:40

Type of Fit: Linear

Weighting: 1/Conc

A0 (Offset): -0.007016

Re-Slope: 1.000000

A1 (Gain): 0.008254

Y-int: 0.000000

A2 (Curvature): 0.000000

n (Exponent): 1.000000

Correlation: 0.999948

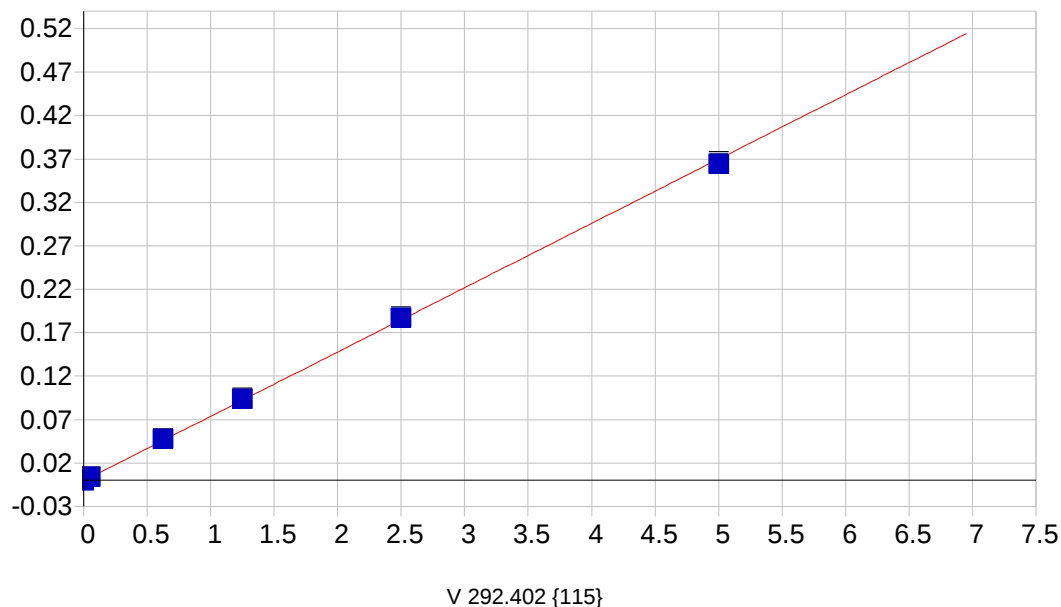
Status: OK.

Std Error of Est: 0.000259

Predicted MDL: 0.210034

Predicted MQL: 0.700113

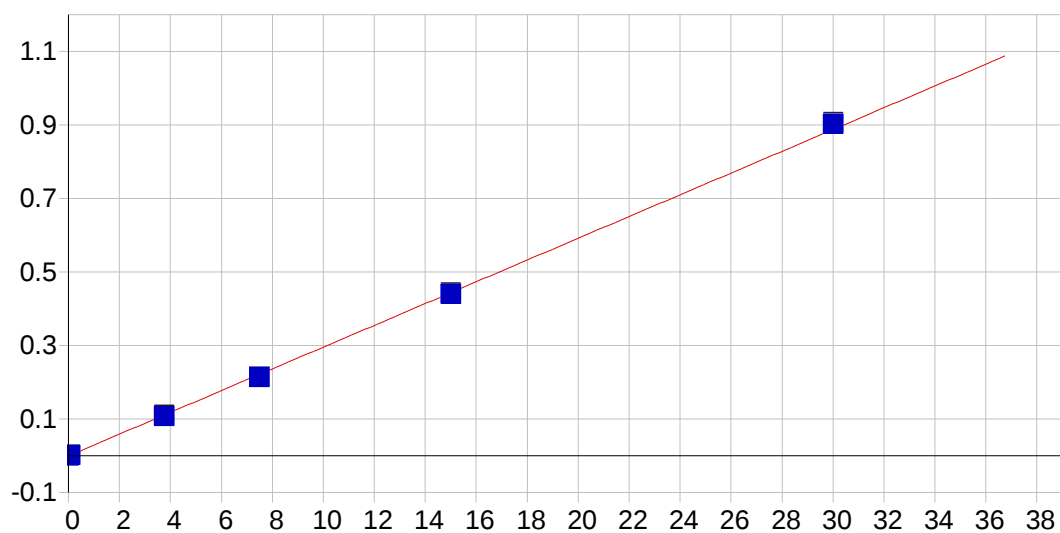
Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00028	.000	.000	-.00701	.001	1
S1	5.0000	4.8871	-.113	-2.26	.03332	.002	1
S2	37.500	37.405	-.095	-.254	.30174	.001	1
S3	75.000	73.421	-1.58	-2.11	.59903	.002	1
S4	150.00	149.29	-.707	-.471	1.2253	.003	1
S5	300.00	296.10	-3.90	-1.30	2.4371	.007	1
S6	800.00	806.39	6.39	.799	6.6492	.034	1



Date of Fit: 5/30/2017 14:12:32 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.000270 Re-Slope: 1.000000
 A1 (Gain): 0.074026 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999784 Status: OK.
 Std Error of Est: 0.000041
 Predicted MDL: 0.004738
 Predicted MQL: 0.015793

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00001	.000	.000	-.00027	.000	1
S1	.05000	.05845	.008	16.9	.00407	.000	1
S2	.62500	.64836	.023	3.74	.04792	.001	1
S3	1.2500	1.2676	.018	1.41	.09395	.001	1
S4	2.5000	2.5286	.029	1.14	.18768	.001	1
S5	5.0000	4.9220	-.078	-1.56	.36562	.001	1



Zn 213.856 {158}

Date of Fit: 5/30/2017 14:12:33

Type of Fit: Linear

Weighting: 1/Conc

A0 (Offset): -0.000523

Re-Slope: 1.000000

A1 (Gain): 0.029603

Y-int: 0.000000

A2 (Curvature): 0.000000

n (Exponent): 1.000000

Correlation: 0.999808

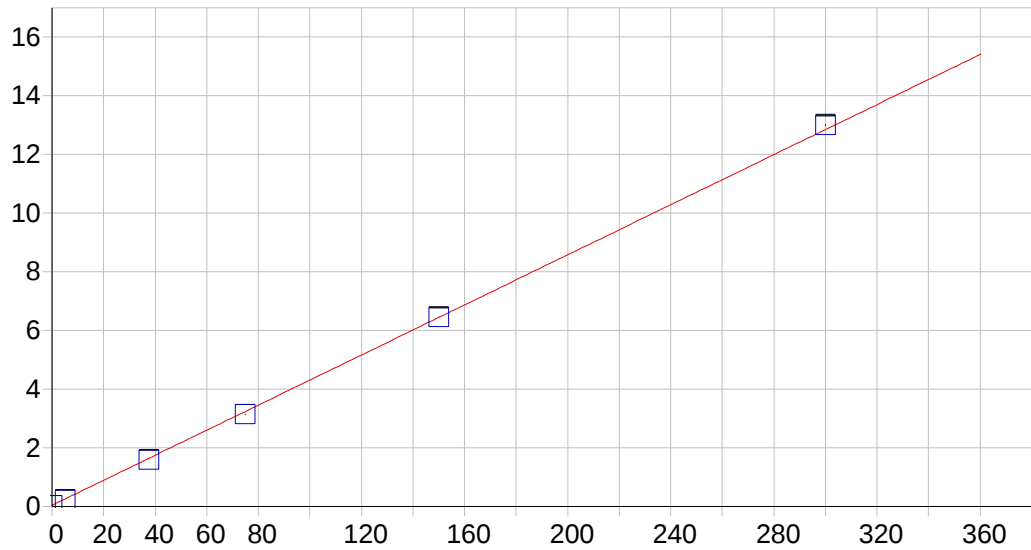
Status: OK.

Std Error of Est: 0.000041

Predicted MDL: 0.016574

Predicted MQL: 0.055246

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00001	.000	.000	-.00052	.001	1
S1	.06000	.05635	-.004	-6.09	.00115	.000	1
S2	3.7500	3.6344	-.116	-3.08	.10733	.003	1
S3	7.5000	7.2460	-.254	-3.39	.21451	.000	1
S4	15.000	14.875	-.125	-.836	.44088	.002	1
S5	30.000	30.499	.499	1.66	.90446	.003	1



K 769.896 { 44 }

Date of Fit: 5/30/2017 14:12:33

Type of Fit: Linear

Weighting: 1/Conc

A0 (Offset): 0.038955

Re-Slope: 1.000000

A1 (Gain): 0.042703

Y-int: 0.000000

A2 (Curvature): 0.000000

n (Exponent): 1.000000

Correlation: 0.999840

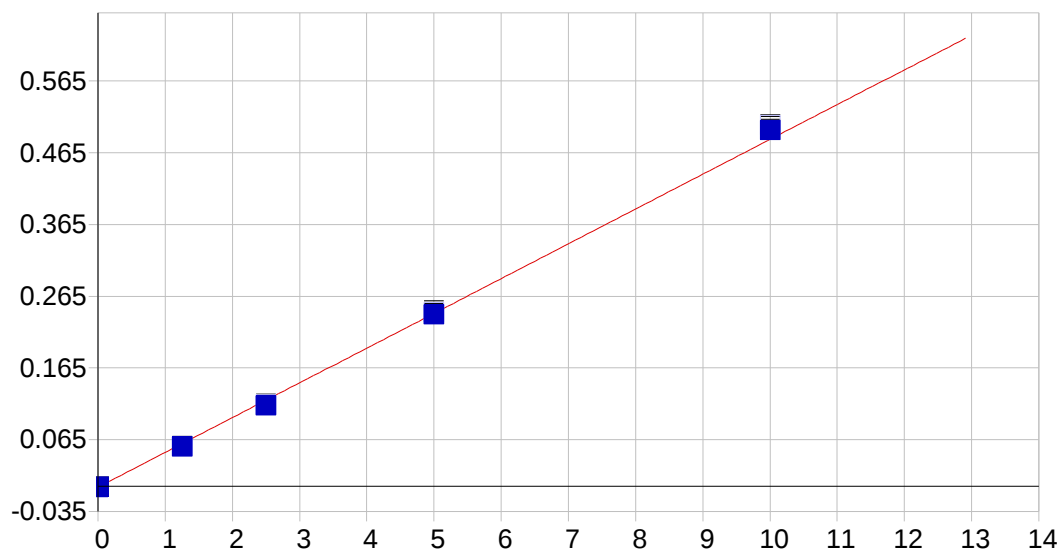
Status: OK.

Std Error of Est: 0.001574

Predicted MDL: 0.043269

Predicted MQL: 0.144229

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00067	.001	.000	.03898	.000	1
S1	5.0000	4.5549	-.445	-8.90	.23346	.001	1
S2	37.500	36.480	-1.02	-2.72	1.5968	.005	1
S3	75.000	72.677	-2.32	-3.10	3.1425	.007	1
S4	150.00	150.26	.261	.174	6.4556	.025	1
S5	300.00	303.53	3.53	1.18	13.001	.030	1



P 177.495 {490}

Date of Fit: 5/30/2017 14:12:33

Type of Fit: Linear

Weighting: 1/Conc

A0 (Offset): -0.001200

Re-Slope: 1.000000

A1 (Gain): 0.048475

Y-int: 0.000000

A2 (Curvature): 0.000000

n (Exponent): 1.000000

Correlation: 0.999340

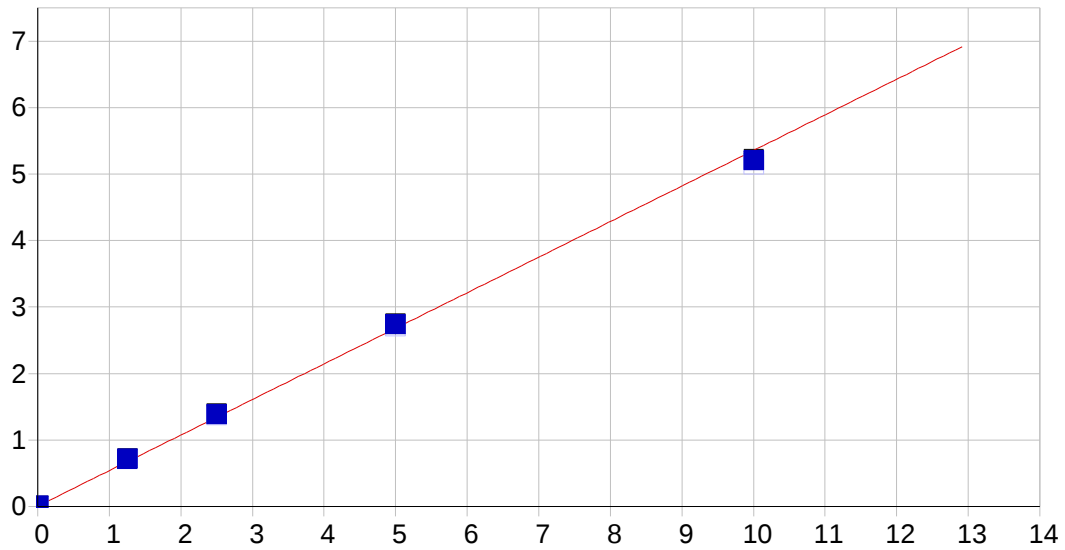
Status: OK.

Std Error of Est: 0.000030

Predicted MDL: 0.002110

Predicted MQL: 0.007032

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	-.00120	.000	1
S1	.01000	.01409	.004	40.9	-.00051	.000	1
S2	1.2500	1.1561	-.094	-7.51	.05563	.000	1
S3	2.5000	2.3481	-.152	-6.08	.11419	.000	1
S4	5.0000	4.9714	-.029	-.573	.24292	.002	1
S5	10.000	10.270	.270	2.70	.50292	.001	1



B 249.678 {135}

Date of Fit: 5/30/2017 14:12:33

Type of Fit: Linear

Weighting: 1/Conc

A0 (Offset): 0.004471

Re-Slope: 1.000000

A1 (Gain): 0.535124

Y-int: 0.000000

A2 (Curvature): 0.000000

n (Exponent): 1.000000

Correlation: 0.999517

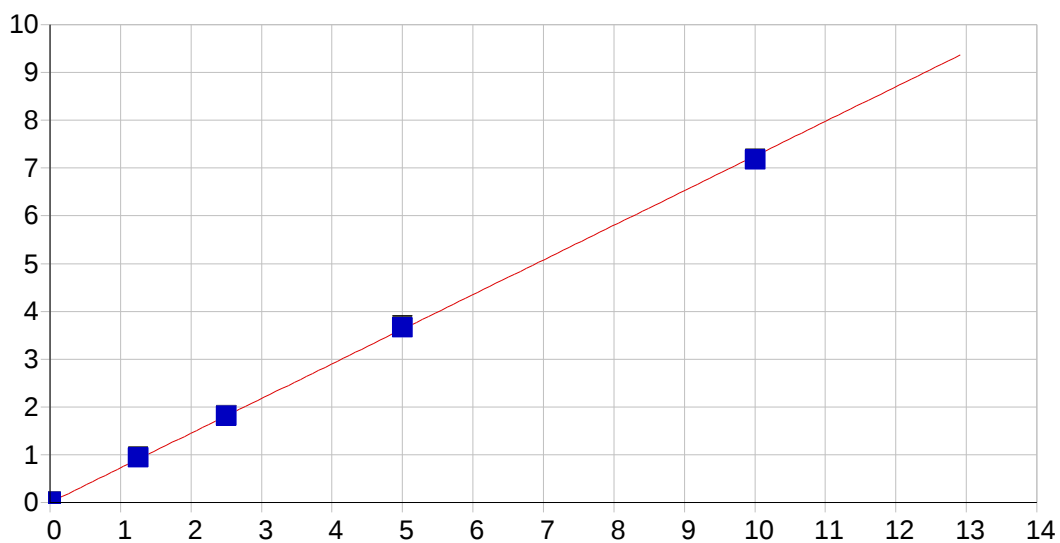
Status: OK.

Std Error of Est: 0.000275

Predicted MDL: 0.001046

Predicted MQL: 0.003487

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	.00447	.001	1
S1	.01000	.00911	-.001	-8.87	.00936	.001	1
S2	1.2500	1.3264	.076	6.11	.70589	.003	1
S3	2.5000	2.5874	.087	3.50	1.3723	.008	1
S4	5.0000	5.1099	.110	2.20	2.7054	.008	1
S5	10.000	9.7272	-.273	-2.73	5.1427	.016	1

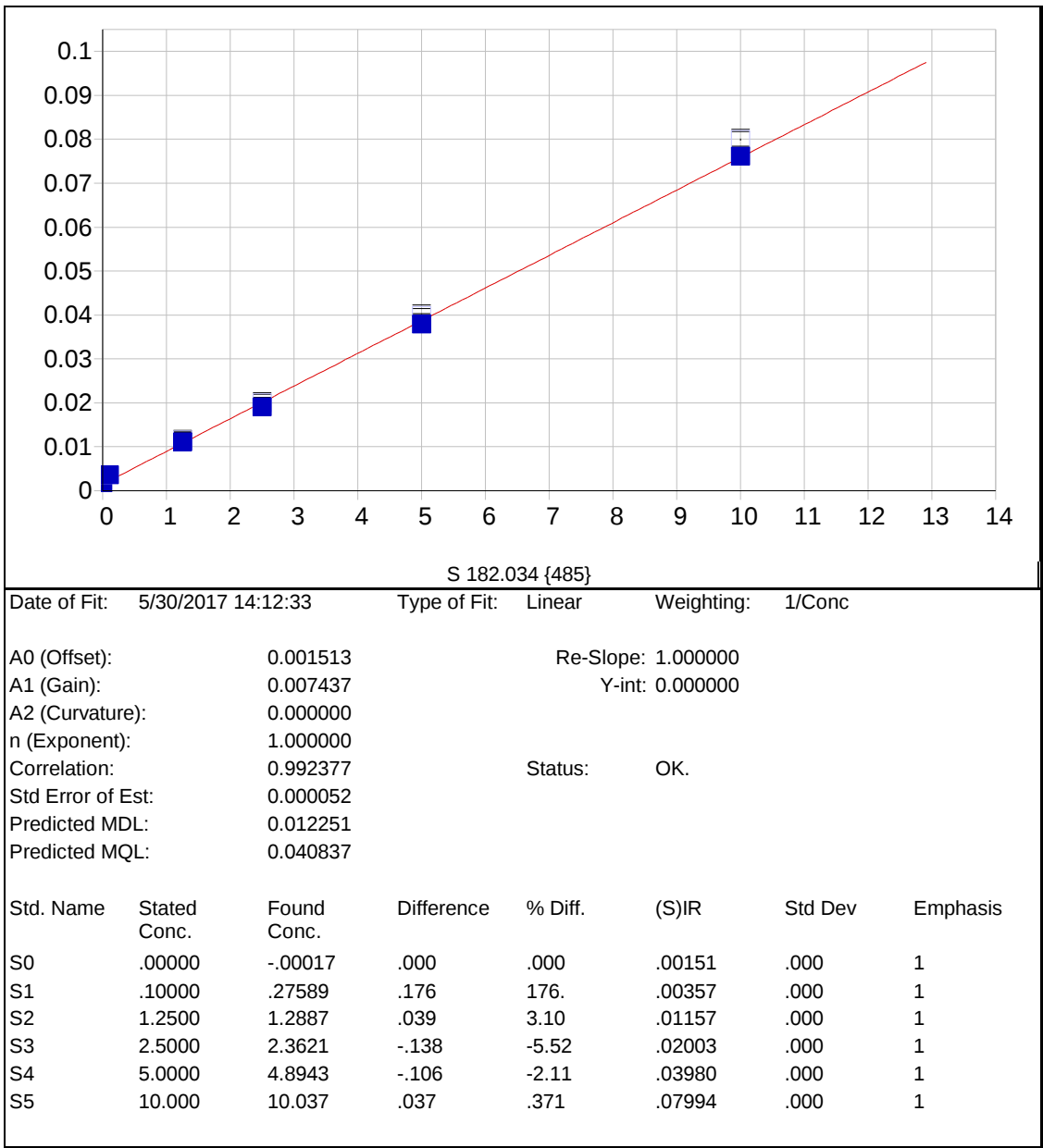


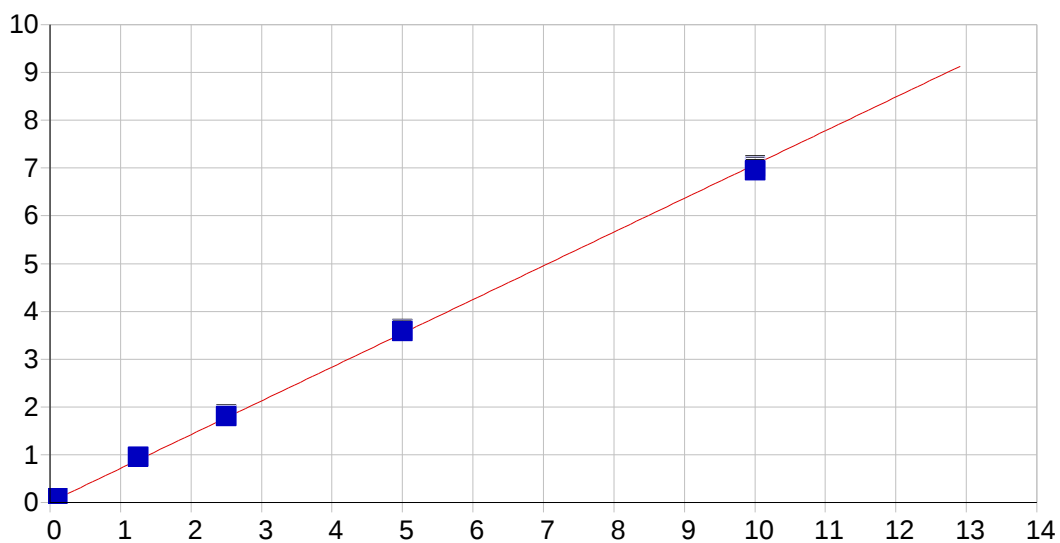
Mo 202.030 {467}

Date of Fit: 5/30/2017 14:12:33 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.000413 Re-Slope: 1.000000
 A1 (Gain): 0.725074 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999904 Status: OK.
 Std Error of Est: 0.000169
 Predicted MDL: 0.000278
 Predicted MQL: 0.000927

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	.00041	.000	1
S1	.01000	.01020	.000	2.00	.00782	.000	1
S2	1.2500	1.2990	.049	3.92	.94314	.009	1
S3	2.5000	2.5046	.005	.185	1.8181	.003	1
S4	5.0000	5.0526	.053	1.05	3.6672	.030	1
S5	10.000	9.8935	-.106	-1.06	7.1805	.009	1



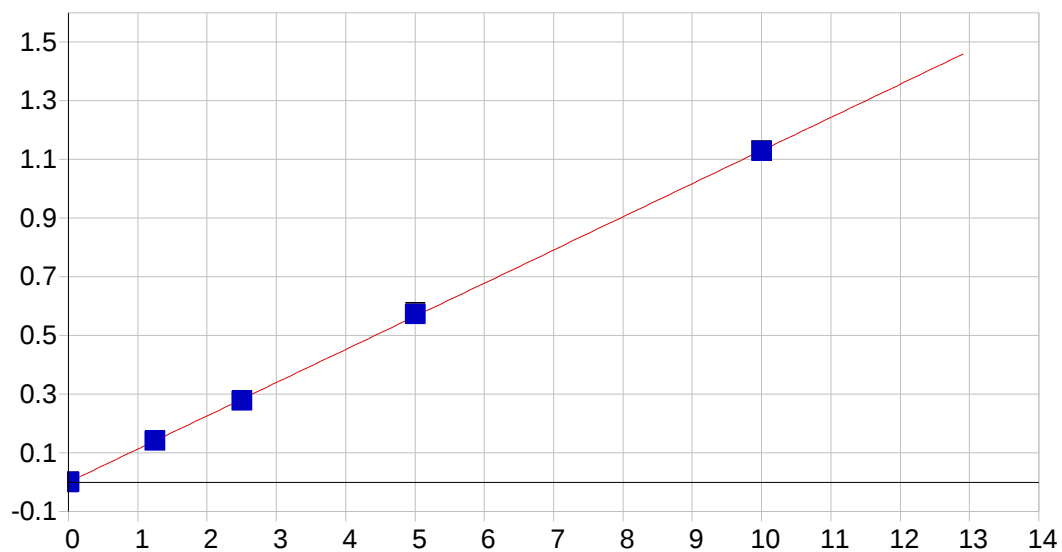


Si 251.611 {134}

Date of Fit: 5/30/2017 14:12:33 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.008326 Re-Slope: 1.000000
 A1 (Gain): 0.706506 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999727 Status: OK.
 Std Error of Est: 0.000888
 Predicted MDL: 0.000929
 Predicted MQL: 0.003096

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	.00832	.001	1
S1	.10000	.09604	-.004	-3.96	.07643	.000	1
S2	1.2500	1.3351	.085	6.81	.96195	.004	1
S3	2.5000	2.5434	.043	1.74	1.8261	.013	1
S4	5.0000	5.0551	.055	1.10	3.6214	.009	1
S5	10.000	9.8203	-.180	-1.80	7.0296	.019	1

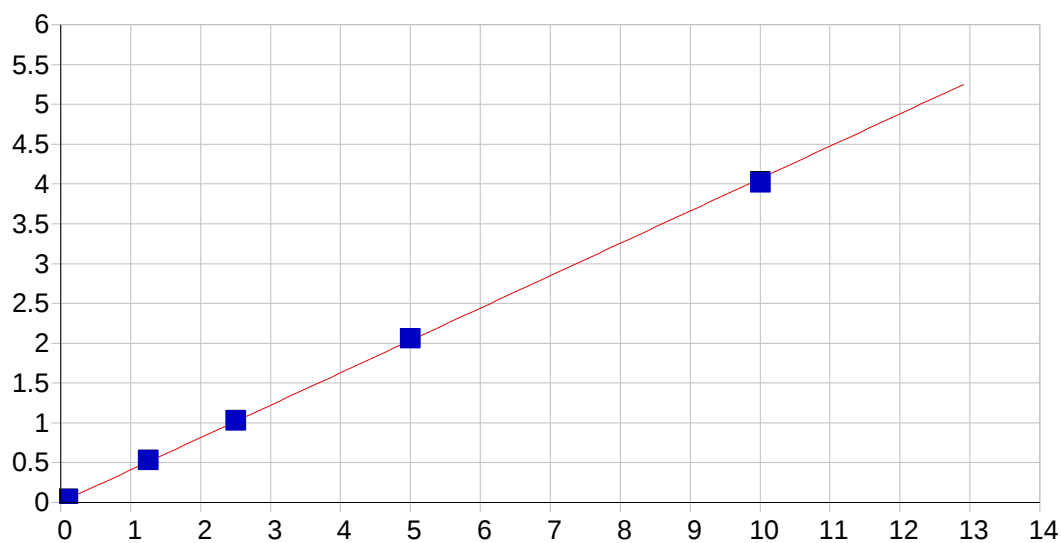


Sn 189.989 {478}

Date of Fit: 5/30/2017 14:12:33 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.000047 Re-Slope: 1.000000
 A1 (Gain): 0.113054 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999954 Status: OK.
 Std Error of Est: 0.000015
 Predicted MDL: 0.000923
 Predicted MQL: 0.003077

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	.00005	.000	1
S1	.00700	.00709	.000	1.31	.00084	.000	1
S2	1.2500	1.2471	-.003	-.233	.14092	.001	1
S3	2.5000	2.4538	-.046	-1.85	.27723	.000	1
S4	5.0000	5.0648	.065	1.30	.57220	.006	1
S5	10.000	9.9842	-.016	-.158	1.1279	.003	1

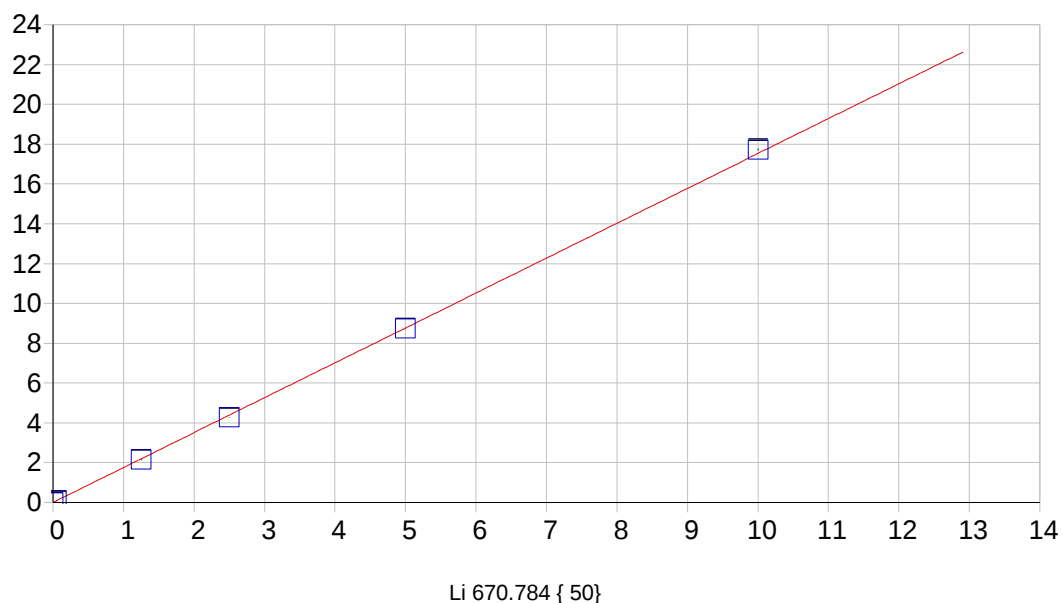


Ti 336.121 {100}

Date of Fit: 5/30/2017 14:12:33 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.001685 Re-Slope: 1.000000
 A1 (Gain): 0.406572 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999884 Status: OK.
 Std Error of Est: 0.000328
 Predicted MDL: 0.001264
 Predicted MQL: 0.004213

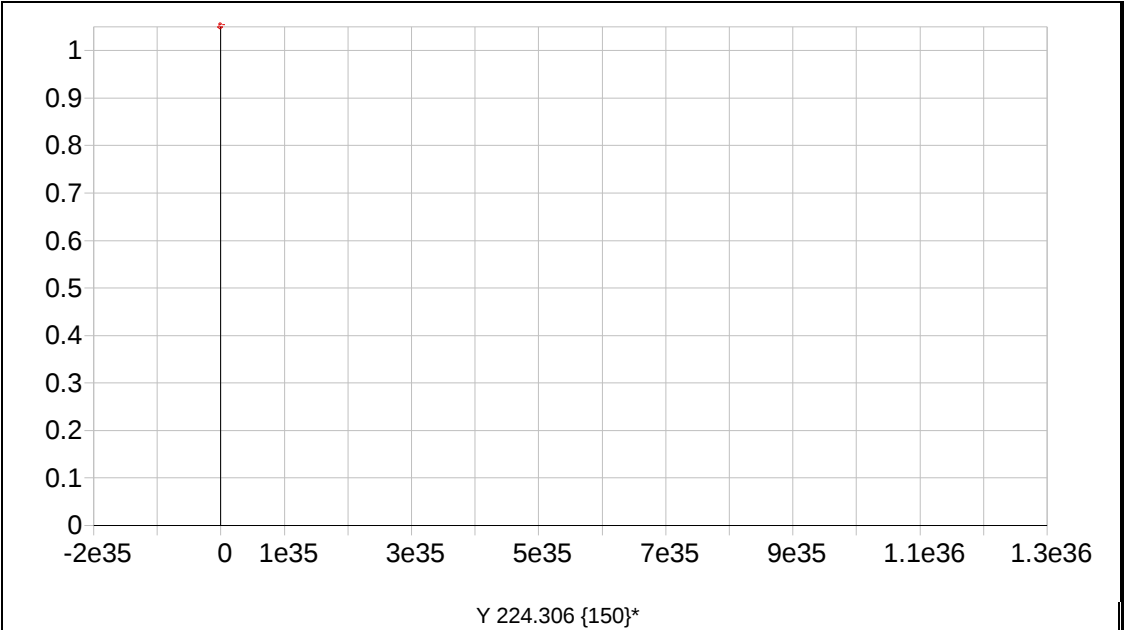
Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00001	.000	.000	.00168	.000	1
S1	.10000	.10127	.001	1.27	.04285	.000	1
S2	1.2500	1.2974	.047	3.79	.52901	.002	1
S3	2.5000	2.5234	.023	.936	1.0273	.002	1
S4	5.0000	5.0570	.057	1.14	2.0570	.005	1
S5	10.000	9.8709	-.129	-1.29	4.0135	.015	1



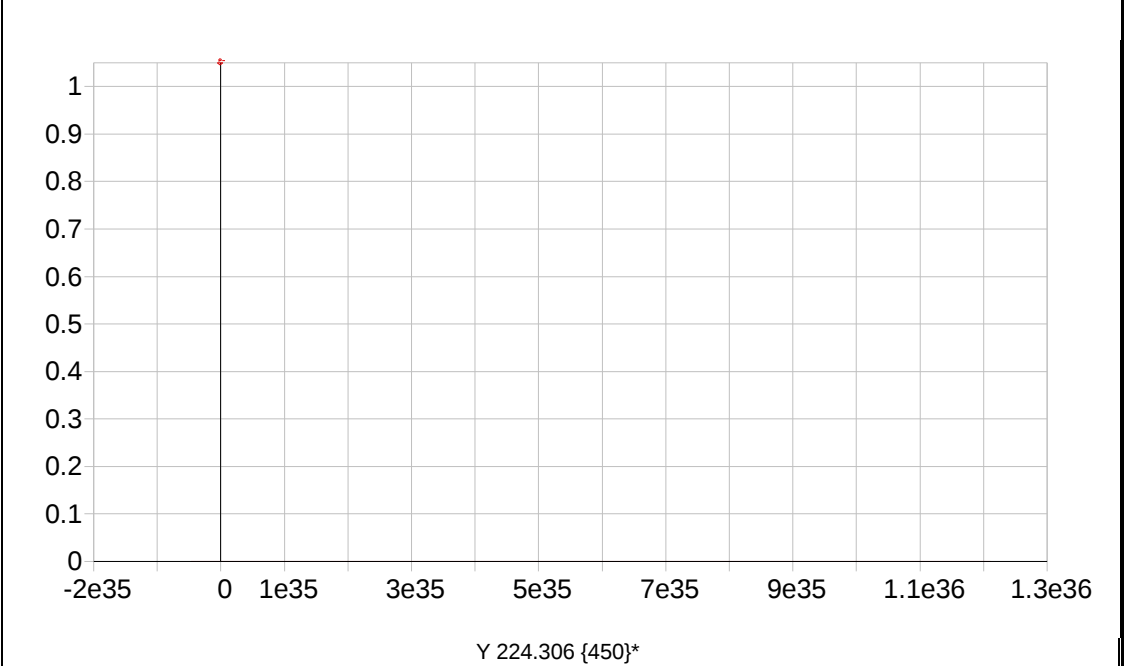
Date of Fit: 5/30/2017 14:12:33 Type of Fit: Linear Weighting: 1/Conc

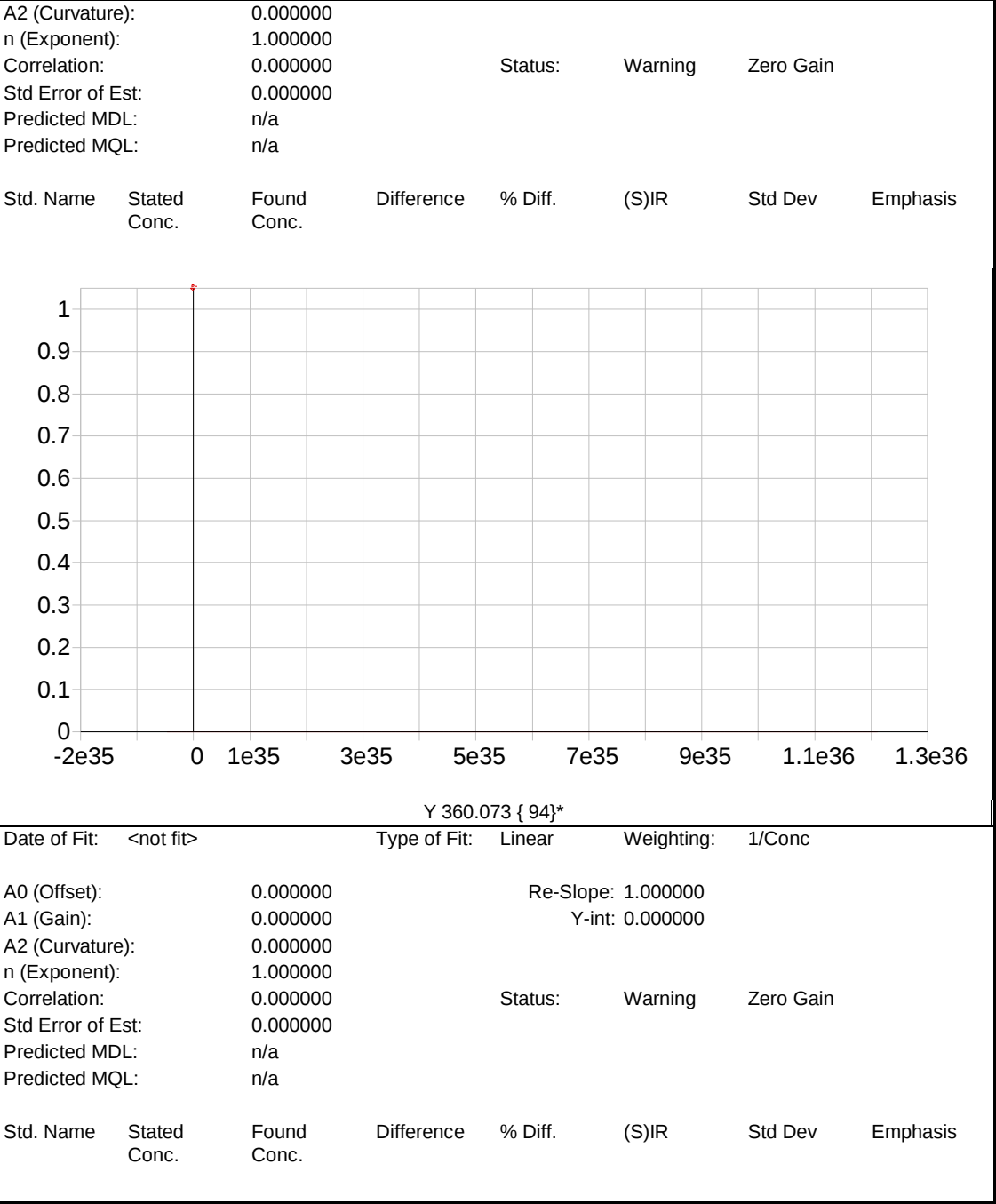
A0 (Offset): 0.007030 Re-Slope: 1.000000
 A1 (Gain): 1.752168 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999889 Status: OK.
 Std Error of Est: 0.000979
 Predicted MDL: 0.001051
 Predicted MQL: 0.003503

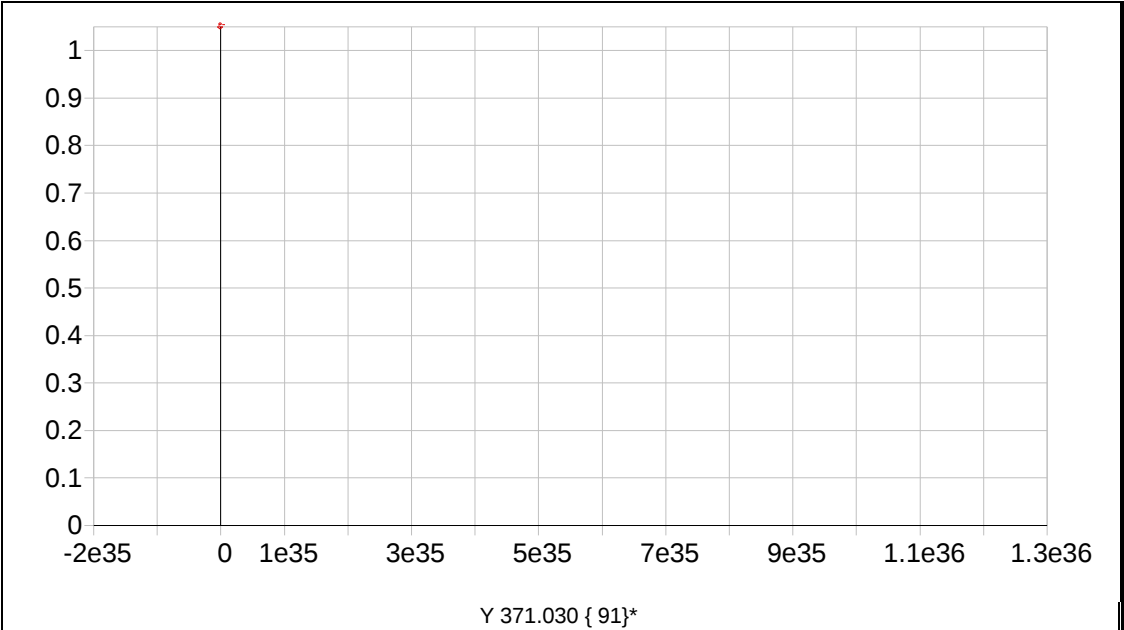
Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	.00704	.001	1
S5	10.000	10.115	.115	1.15	17.730	.041	1
S4	5.0000	4.9866	-.013	-.267	8.7445	.016	1
S3	2.5000	2.4281	-.072	-2.88	4.2615	.011	1
S2	1.2500	1.2232	-.027	-2.14	2.1503	.001	1
S1	.05000	.04712	-.003	-5.77	.08959	.001	1



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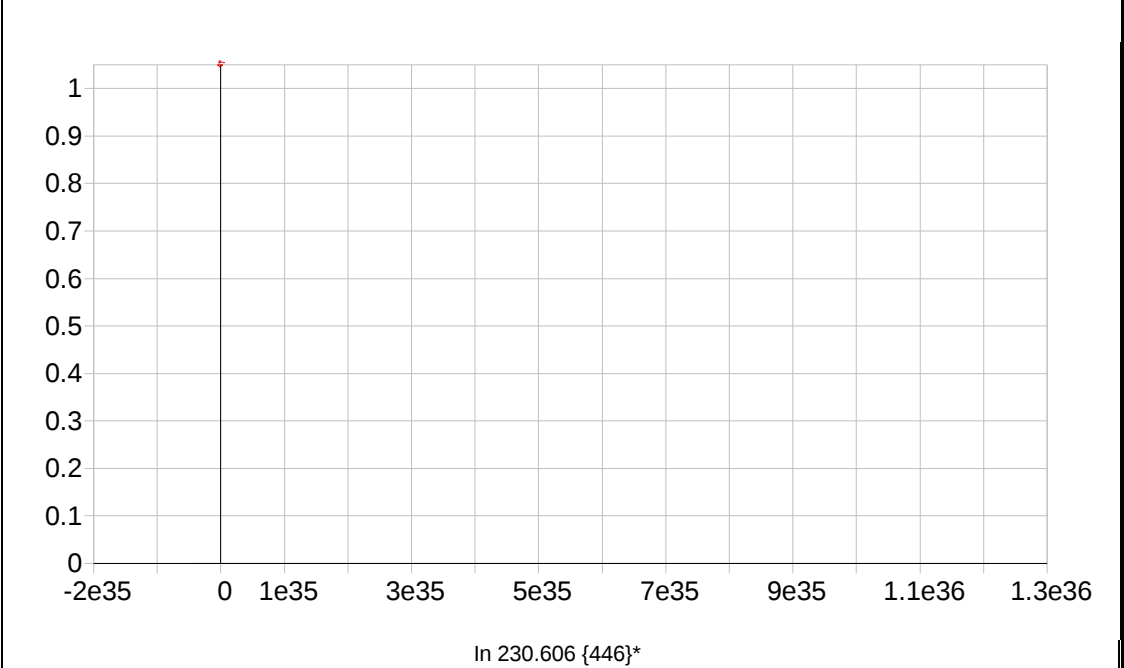




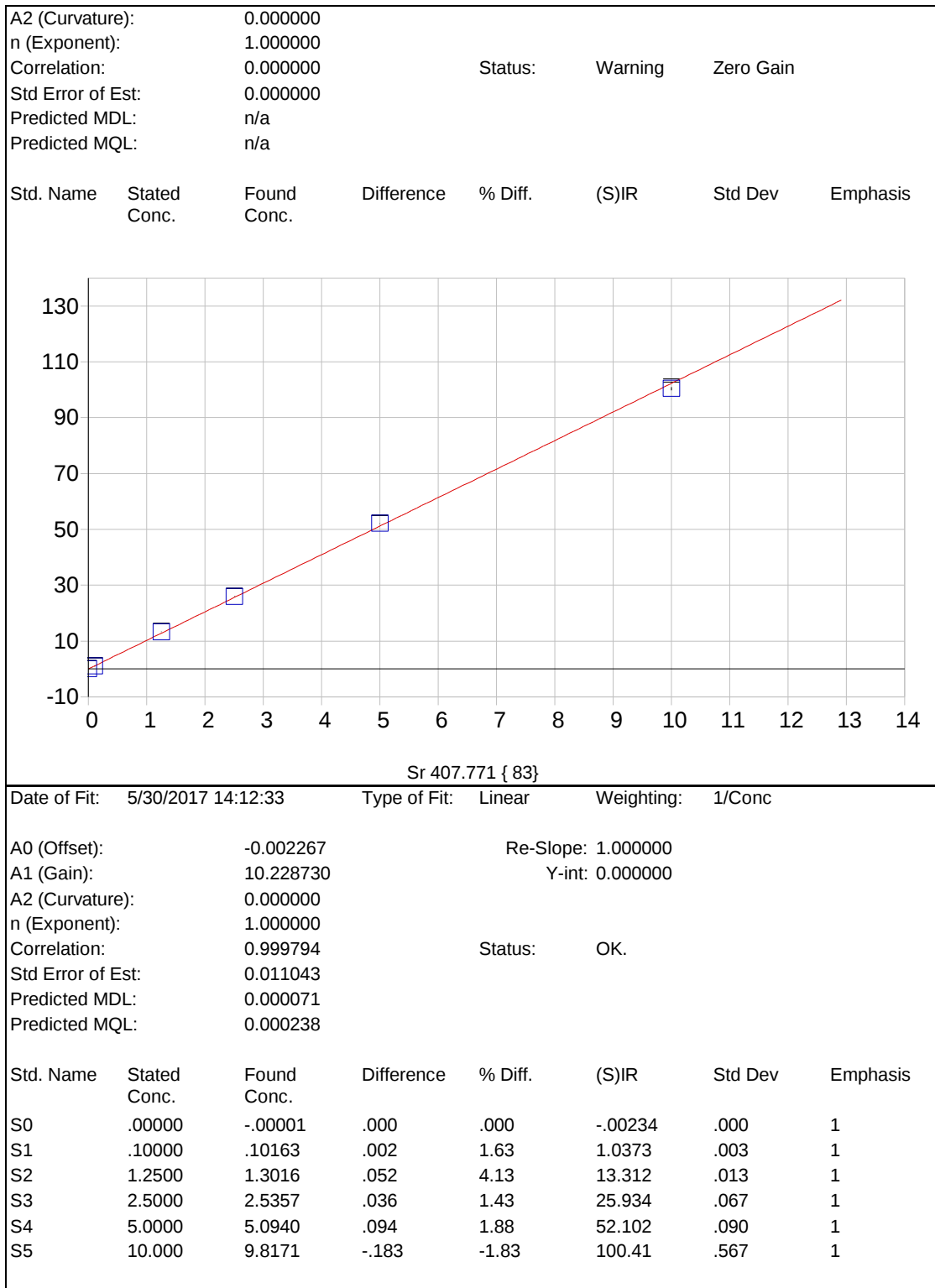


A0 (Offset):	0.000000	Re-Slope: 1.000000
A1 (Gain):	0.000000	Y-int: 0.000000
A2 (Curvature):	0.000000	
n (Exponent):	1.000000	
Correlation:	0.000000	Status: Warning Zero Gain
Std Error of Est:	0.000000	
Predicted MDL:	n/a	
Predicted MQL:	n/a	

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



Sample Name: S0 Acquired: 5/30/2017 13:48:40 Type: Cal
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v21) 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	-.00021	-.00017	.00010	.00025	-.00015	.00032	-.08961	-.00286
Stddev	.00008	.00014	.00008	.00015	.00021	.00058	.00044	.00020
%RSD	35.447	78.720	78.635	60.528	135.44	181.33	.49264	6.9836

#1	-.00016	-.00029	.00003	.00041	.00007	.00012	-.08917	-.00282
#2	-.00030	-.00002	.00009	.00020	-.00034	.00097	-.08962	-.00307
#3	-.00018	-.00021	.00018	.00013	-.00019	-.00013	-.09005	-.00268

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	.00003	.00184	.00000	-.00032	.00104	.00004	.00001	-.00020
Stddev	.00004	.00085	.0000	.00002	.00016	.00019	.00010	.00017
%RSD	124.64	45.983	3047.6	4.9282	15.482	440.46	1582.4	84.740

#1	.00007	.00201	-.00004	-.00031	.00097	-.00016	-.00008	-.00031
#2	.00000	.00259	.00000	-.00032	.00123	.00007	-.00002	-.00001
#3	.00001	.00092	.00003	-.00034	.00093	.00021	.00011	-.00028

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	-.00064	-.00030	-.00701	-.00027	-.00052	.03898	-.00120	.00447
Stddev	.00016	.00001	.00073	.00036	.00050	.00049	.00011	.00051
%RSD	24.326	3.9745	10.425	133.41	96.427	1.2654	9.0836	11.462

#1	-.00080	-.00030	-.00719	-.00051	-.00003	.03895	-.00121	.00501
#2	-.00049	-.00031	-.00621	.00015	-.00104	.03851	-.00130	.00442
#3	-.00064	-.00029	-.00764	-.00045	-.00050	.03949	-.00108	.00399

Elem	Mo2020	S_ 1820	Si2516	Sn1899	Ti3361	Li6707	Sr4077	
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	
Avg	.00041	.00151	.00832	.00005	.00168	.00704	-.00234	
Stddev	.00002	.00008	.00083	.00007	.00027	.00063	.00009	
%RSD	5.9667	5.1674	9.9856	147.55	16.288	8.9270	4.0124	

#1	.00041	.00159	.00803	-.00002	.00150	.00687	-.00232	
#2	.00039	.00150	.00768	.00004	.00155	.00651	-.00245	
#3	.00044	.00144	.00926	.00012	.00200	.00773	-.00226	

Sample Name: S0 Acquired: 5/30/2017 13:48:40 Type: Cal
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v21) 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	1737.7	2603.3	53412.	3920.9	3733.6
Stddev	1.7	12.5	96.	13.8	10.5
%RSD	.09645	.47940	.17937	.35300	.28108
#1	1736.4	2588.9	53390.	3904.9	3722.0
#2	1737.1	2611.1	53329.	3928.5	3736.4
#3	1739.6	2610.0	53517.	3929.3	3742.4

Sample Name: S1 Acquired: 5/30/2017 13:52:47 Type: Cal
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v21) 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	.00033	.00186	.00209	.00191	.01031	.01766	.71185	.03761
Stddev	.00006	.00008	.00005	.00012	.00015	.00020	.00435	.00094
%RSD	17.528	4.2153	2.6016	6.2590	1.4946	1.1415	.61174	2.4877

#1	.00038	.00181	.00208	.00178	.01048	.01744	.71317	.03705
#2	.00036	.00195	.00215	.00199	.01018	.01784	.71540	.03869
#3	.00027	.00181	.00204	.00198	.01026	.01770	.70699	.03708

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	.00851	.24429	.00128	.03012	.00632	.00190	.00485	.02840
Stddev	.00011	.00079	.00001	.00010	.00021	.00007	.00031	.00038
%RSD	1.3305	.32540	.93544	.34590	3.3013	3.5630	6.2864	1.3306

#1	.00850	.24420	.00128	.03011	.00630	.00197	.00483	.02859
#2	.00841	.24513	.00127	.03023	.00654	.00189	.00517	.02865
#3	.00863	.24355	.00129	.03002	.00613	.00184	.00456	.02797

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	.02288	.00145	.03332	.00407	.00115	.23346	-.00051	.00936
Stddev	.00012	.00013	.00186	.00021	.00024	.00109	.00009	.00055
%RSD	.54053	8.6384	5.5877	5.1617	20.805	.46546	18.303	5.9176

#1	.02299	.00159	.03412	.00410	.00090	.23352	-.00042	.00912
#2	.02291	.00135	.03466	.00426	.00119	.23235	-.00061	.00999
#3	.02274	.00142	.03120	.00384	.00137	.23452	-.00049	.00897

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	.00782	.00357	.07643	.00084	.04285	.08959	1.0373
Stddev	.00007	.00002	.00044	.00008	.00011	.00050	.0031
%RSD	.85982	.50434	.57860	9.1435	.26136	.56158	.29750

#1	.00782	.00356	.07597	.00092	.04286	.08904	1.0347
#2	.00789	.00359	.07685	.00083	.04273	.09003	1.0407
#3	.00776	.00355	.07647	.00077	.04295	.08970	1.0365

Sample Name: S1 Acquired: 5/30/2017 13:52:47 Type: Cal
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v21) 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	1779.8	2646.9	54481.	4010.6	3712.5
Stddev	13.4	2.5	431.	17.3	7.5
%RSD	.75060	.09394	.79059	.43120	.20316
#1	1786.8	2645.4	54644.	4009.8	3704.8
#2	1764.3	2649.7	53993.	3993.8	3719.8
#3	1788.1	2645.5	54807.	4028.3	3712.8

Sample Name: S2 Acquired: 5/30/2017 13:56:57 Type: Cal
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v21) 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	.06249	.10659	1.3018	.06874	.21874	3.3368	10.342	.99942
Stddev	.00037	.00076	.0063	.00023	.00163	.0060	.008	.00331
%RSD	.58522	.71575	.47979	.33326	.74303	.17822	.07764	.33168

#1	.06210	.10575	1.2971	.06849	.21790	3.3314	10.348	.99718
#2	.06256	.10676	1.2995	.06876	.21771	3.3360	10.333	1.0032
#3	.06282	.10725	1.3089	.06895	.22061	3.3432	10.346	.99785

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	1.0910	3.1342	.49961	.41202	.72992	.58778	1.2147	.37510
Stddev	.0064	.0200	.00629	.00223	.00282	.00096	.0081	.00313
%RSD	.58605	.63721	1.2590	.54105	.38598	.16327	.66993	.83373

#1	1.0848	3.1120	.50648	.40965	.72778	.58669	1.2057	.37163
#2	1.0907	3.1398	.49822	.41235	.72886	.58817	1.2217	.37770
#3	1.0976	3.1507	.49414	.41407	.73311	.58848	1.2166	.37597

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	.39204	.05577	.30174	.04792	.10733	1.5968	.05563	.70589
Stddev	.00280	.00048	.00121	.00069	.00280	.0046	.00031	.00299
%RSD	.71506	.85893	.40075	1.4343	2.6058	.29006	.55543	.42363

#1	.38958	.05612	.30035	.04713	.11056	1.5919	.05530	.70275
#2	.39143	.05597	.30228	.04841	.10562	1.5972	.05567	.70870
#3	.39509	.05523	.30257	.04821	.10582	1.6012	.05591	.70622

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	.94314	.01157	.96195	.14092	.52901	2.1503	13.312	
Stddev	.00891	.00013	.00406	.00079	.00177	.0010	.013	
%RSD	.94421	1.1361	.42219	.55709	.33428	.04601	.10008	

#1	.93599	.01158	.95803	.14009	.52708	2.1497	13.297	
#2	.94031	.01143	.96168	.14103	.52940	2.1514	13.324	
#3	.95312	.01169	.96614	.14165	.53056	2.1497	13.314	

Sample Name: S2 Acquired: 5/30/2017 13:56:57 Type: Cal
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v21) 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	1661.7	2489.0	51189.	3893.0	3176.3
Stddev	22.9	13.7	586.	11.4	11.8
%RSD	1.3801	.54847	1.1444	.29211	.37154
#1	1635.3	2495.0	50570.	3906.1	3186.2
#2	1672.8	2498.7	51262.	3887.9	3179.4
#3	1676.9	2473.4	51735.	3885.1	3163.2

Sample Name: S3 Acquired: 5/30/2017 14:00:50 Type: Cal
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v21) 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	.12356	.20358	2.5397	.13410	.42958	6.5577	20.520	1.9402
Stddev	.00077	.00066	.0081	.00082	.00105	.0157	.050	.0148
%RSD	.62186	.32423	.32038	.60972	.24535	.23877	.24472	.76373

#1	.12397	.20303	2.5454	.13385	.42967	6.5757	20.570	1.9567
#2	.12268	.20339	2.5304	.13344	.42848	6.5469	20.469	1.9280
#3	.12404	.20431	2.5434	.13501	.43058	6.5506	20.520	1.9360

Elem	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598	Mn2576	Mg2790
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2.1428	6.1109	.95276	.81355	1.4250	1.1316	2.3418	.74206
Stddev	.0066	.0268	.00687	.00264	.0064	.0071	.0117	.00329
%RSD	.30608	.43840	.72101	.32440	.44937	.63068	.49885	.44279

#1	2.1482	6.1159	.96043	.81559	1.4310	1.1353	2.3469	.74129
#2	2.1355	6.0820	.95068	.81057	1.4183	1.1234	2.3284	.73922
#3	2.1447	6.1349	.94718	.81450	1.4258	1.1361	2.3501	.74566

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	.76692	.11152	.59903	.09395	.21451	3.1425	.11419	1.3723
Stddev	.00303	.00079	.00156	.00091	.00043	.0072	.00029	.0080
%RSD	.39501	.70830	.25993	.97294	.20136	.22795	.25086	.58158

#1	.76841	.11241	.60082	.09486	.21487	3.1438	.11397	1.3807
#2	.76343	.11124	.59810	.09397	.21464	3.1348	.11409	1.3648
#3	.76892	.11090	.59816	.09303	.21403	3.1489	.11451	1.3714

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	1.8181	.02003	1.8261	.27723	1.0273	4.2615	25.934	
Stddev	.0033	.00015	.0133	.00046	.0023	.0113	.067	
%RSD	.18086	.72845	.72881	.16754	.22280	.26414	.25668	

#1	1.8190	.01998	1.8373	.27743	1.0265	4.2665	25.986	
#2	1.8144	.01991	1.8114	.27670	1.0255	4.2693	25.859	
#3	1.8208	.02019	1.8295	.27757	1.0298	4.2486	25.958	

Sample Name: S3 Acquired: 5/30/2017 14:00:50 Type: Cal
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v21) 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	1623.6	2428.1	50307.	3893.8	3005.2
Stddev	11.3	7.7	426.	26.8	9.5
%RSD	.69291	.31745	.84595	.68698	.31487
#1	1610.6	2420.9	49816.	3871.2	2995.9
#2	1630.6	2436.2	50544.	3923.4	3014.9
#3	1629.4	2427.1	50561.	3886.9	3004.8

Sample Name: S4 Acquired: 5/30/2017 14:04:40 Type: Cal
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v21) 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	.25597	.40243	5.1601	.27314	.89118	13.414	41.788	3.9143
Stddev	.00198	.00306	.0408	.00170	.00633	.028	.171	.0064
%RSD	.77495	.76116	.79047	.62114	.71081	.21109	.40978	.16303

#1	.25545	.40005	5.1298	.27287	.88941	13.382	41.758	3.9165
#2	.25430	.40135	5.1440	.27160	.88591	13.426	41.973	3.9072
#3	.25816	.40589	5.2064	.27496	.89820	13.435	41.634	3.9194

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	4.3547	12.250	1.8784	1.6659	2.8832	2.2428	4.6232	1.5177
Stddev	.0416	.061	.0138	.0130	.0090	.0062	.0166	.0058
%RSD	.95446	.49924	.73456	.78293	.31264	.27519	.35813	.38371

#1	4.3196	12.182	1.8910	1.6563	2.8728	2.2359	4.6068	1.5113
#2	4.3440	12.270	1.8806	1.6605	2.8893	2.2449	4.6229	1.5226
#3	4.4006	12.299	1.8637	1.6807	2.8874	2.2477	4.6399	1.5192

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	1.5639	.23033	1.2253	.18768	.44088	6.4556	.24292	2.7054
Stddev	.0130	.00143	.0028	.00088	.00197	.0245	.00163	.0082
%RSD	.83018	.62188	.23070	.46953	.44725	.37983	.67258	.30304

#1	1.5541	.23177	1.2242	.18750	.44312	6.4273	.24130	2.6960
#2	1.5590	.23032	1.2232	.18863	.43941	6.4707	.24289	2.7092
#3	1.5786	.22890	1.2285	.18689	.44011	6.4688	.24457	2.7110

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707	Sr4077	
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	
Avg	3.6672	.03980	3.6214	.57220	2.0570	8.7445	52.102	
Stddev	.0301	.00037	.0089	.00555	.0045	.0158	.090	
%RSD	.82150	.92530	.24550	.96996	.21990	.18097	.17265	

#1	3.6532	.03970	3.6118	.56800	2.0519	8.7262	51.999	
#2	3.6467	.03950	3.6293	.57011	2.0589	8.7549	52.162	
#3	3.7018	.04021	3.6230	.57850	2.0603	8.7523	52.147	

Sample Name: S4 Acquired: 5/30/2017 14:04:40 Type: Cal
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v21) 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	1516.9	2256.2	47960.	3755.9	2698.4
Stddev	6.5	11.2	345.	8.3	13.3
%RSD	.42917	.49763	.71980	.22126	.49469
#1	1509.7	2257.0	47591.	3754.2	2703.8
#2	1518.6	2266.9	48014.	3764.9	2708.2
#3	1522.3	2244.5	48275.	3748.6	2683.2

Sample Name: S5 Acquired: 5/30/2017 14:08:31 Type: Cal
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v21) 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	.52130	.77341	10.197	.54677	1.8237	26.984	81.305	7.7612
Stddev	.00102	.00204	.026	.00211	.0056	.072	.691	.0246
%RSD	.19492	.26371	.25790	.38543	.30551	.26815	.85006	.31721

#1	.52072	.77199	10.189	.54576	1.8209	26.940	81.122	7.7457
#2	.52072	.77574	10.226	.54535	1.8201	27.067	82.069	7.7896
#3	.52248	.77248	10.175	.54919	1.8301	26.943	80.724	7.7484

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	8.5405	23.956	3.5766	3.2885	5.7291	4.2825	8.8416	3.0003
Stddev	.0375	.093	.0074	.0090	.0174	.0194	.0376	.0097
%RSD	.43950	.38889	.20599	.27338	.30360	.45419	.42523	.32326

#1	8.5408	23.926	3.5681	3.2887	5.7286	4.2750	8.8363	2.9977
#2	8.5779	24.060	3.5803	3.2974	5.7468	4.3046	8.8816	3.0110
#3	8.5029	23.882	3.5813	3.2795	5.7120	4.2679	8.8070	2.9921

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	3.0564	.47528	2.4371	.36562	.90446	13.001	.50292	5.1427
Stddev	.0082	.00055	.0067	.00136	.00286	.030	.00117	.0156
%RSD	.26703	.11580	.27548	.37278	.31667	.23023	.23313	.30356

#1	3.0604	.47506	2.4336	.36419	.90776	12.987	.50241	5.1367
#2	3.0619	.47591	2.4449	.36690	.90310	13.035	.50426	5.1604
#3	3.0471	.47488	2.4329	.36576	.90254	12.980	.50208	5.1310

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	7.1805	.07994	7.0296	1.1279	4.0135	17.730	100.41	
Stddev	.0088	.00021	.0194	.0026	.0152	.041	.57	
%RSD	.12233	.26874	.27579	.23021	.37909	.23235	.56474	

#1	7.1759	.07971	7.0248	1.1304	4.0081	17.702	99.802	
#2	7.1750	.07998	7.0510	1.1281	4.0307	17.777	100.92	
#3	7.1907	.08013	7.0131	1.1252	4.0017	17.711	100.52	

Sample Name: S5 Acquired: 5/30/2017 14:08:31 Type: Cal
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v21) 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	1400.9	2082.5	45897.	3668.0	2420.2
Stddev	16.3	8.3	95.	19.5	2.3
%RSD	1.1610	.39969	.20712	.53104	.09351
#1	1386.0	2088.5	45853.	3663.3	2422.6
#2	1398.5	2086.1	45833.	3651.2	2419.9
#3	1418.3	2073.0	46006.	3689.3	2418.1

Sample Name: S6 Acquired: 5/30/2017 14:12:37 Type: Cal
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v21) Mode: IR Corr. Factor: 1.000000
User: JASWAL Custom ID1: S06 Custom ID2: Custom ID3:
Comment:

Elem	Al3961	Ca3736	Fe2598	Mg2790	Na8183
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	72.149	39.003	11.025	4.8844	6.6492
Stddev	.261	.188	.042	.0183	.0343
%RSD	.36214	.48133	.37696	.37480	.51662

#1	72.447	39.162	11.065	4.9008	6.6885
#2	72.041	39.052	11.028	4.8878	6.6345
#3	71.959	38.796	10.982	4.8647	6.6247

Int. Std.	Y_3710
Units	Cts/S
Avg	3576.2
Stddev	15.4
%RSD	.43184

#1	3565.1
#2	3569.6
#3	3593.8

Sample Name: ICV Acquired: 5/30/2017 14:16:45 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v21) 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	.9924664	1.112547	1.000208	1.014142	.9963022	2.654452
Stddev	.0196992	.016874	.016351	.018836	.0168597	.039804
%RSD	1.984869	1.516734	1.634802	1.857360	1.692227	1.499532

#1	1.010915	1.124100	1.009499	1.023391	1.009194	2.673934
#2	.971719	1.093183	.981327	.992470	.977223	2.680763
#3	.994765	1.120359	1.009797	1.026567	1.002489	2.608660

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.5250257	.5039520	.4857452	10.80094	.5365268	.4896637
Stddev	.0098039	.0060996	.0082800	.17252	.0081528	.0082021
%RSD	1.867326	1.210355	1.704601	1.597262	1.519549	1.675055

#1	.5280197	.5063665	.4900711	10.86777	.5432776	.4945595
#2	.5329834	.5084748	.4761982	10.93003	.5274691	.4801945
#3	.5140738	.4970148	.4909662	10.60500	.5388337	.4942371

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.5248824	F 6.266551	F .5792853	5.981531	.5031346	.4780390
Stddev	.0048845	.116216	.0115316	.065489	.0073504	.0075291
%RSD	.9305799	1.854552	1.990651	1.094851	1.460929	1.575004

#1	.5231356	6.275045	.5789458	6.031669	.5079169	.4809259
#2	.5304001	6.378287	.5909829	6.005488	.4946709	.4694937
#3	.5211116	6.146320	.5679273	5.907437	.5068161	.4836975

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	10.67831	.5394360	.9639387	9.536395	F .0115701	F .8859074
Stddev	.19485	.0146949	.0224459	.195817	.0002684	.0141528
%RSD	1.824720	2.724114	2.328562	2.053364	2.319934	1.597552

#1	10.85393	.5446989	.9898056	9.530322	.0113149	.8927295
#2	10.71228	.5507747	.9495921	9.735178	.0118500	.8953569
#3	10.46870	.5228344	.9524184	9.343685	.0115455	.8696356

Sample Name: ICV Acquired: 5/30/2017 14:16:45 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v21) 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 .8211103	.0200768	.7894080	F .7334740	.8065178	.0044138
Stddev	.0132976	.0108430	.0134788	.0123327	.0138612	.0000273
%RSD	1.619464	54.00770	1.707460	1.681403	1.718648	.6173237

#1	.8295932	.0300632	.7952967	.7392498	.8106271	.0043842
#2	.8057848	.0085433	.7989405	.7193133	.8178597	.0044378
#3	.8279528	.0216239	.7739869	.7418588	.7910665	.0044194

Elem	Sr4077
Units	ppm
Avg	.0157436
Stddev	.0002787
%RSD	1.770417

#1	.0158594
#2	.0159458
#3	.0154256

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1772.418	2587.137	54378.32	3978.797	3566.361
Stddev	29.968	38.378	793.28	66.124	57.689
%RSD	1.690773	1.483399	1.458815	1.661902	1.617575

#1	1746.777	2555.165	53776.73	3959.481	3520.099
#2	1805.362	2629.697	55277.33	3924.482	3630.999
#3	1765.114	2576.550	54080.91	4052.427	3547.985

Sample Name: ICB Acquired: 5/30/2017 14:20:43 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v21) 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	-.000049	.0001779	.0002380	-.000801	-.000067	.0095030	.0005603
Stddev	.001247	.0011012	.0013157	.000568	.000380	.0024477	.0003800
%RSD	2565.688	619.1038	552.8977	70.89347	567.7053	25.75749	67.81762

#1	.000165	-.000499	-.001067	-.000469	-.000035	.0114975	.0009808
#2	.001078	-.000416	.000217	-.000477	.000296	.0067715	.0002416
#3	-.001388	.001448	.001564	-.001456	-.000461	.0102401	.0004585

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000018	.0000481	.0015927	.0001485	.0001209	.0011005	.0217490
Stddev	.000022	.0000250	.0078558	.0002555	.0001207	.0016178	.0181230
%RSD	123.4356	51.97902	493.2286	172.1018	99.80634	147.0086	83.32774

#1	-.000031	.0000220	-.003134	.0000177	.0001293	.0025340	.0086661
#2	-.000030	.0000717	.010661	.0004429	.0002372	.0014210	.0424351
#3	.000008	.0000505	-.002749	-.000015	-.000004	-.000654	.0141459

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000713	.0156125	.0000423	.0000080	.1998486	.0004715	.0016064
Stddev	.001240	.0180723	.0001784	.0001668	.1253573	.0045571	.0240010
%RSD	173.9153	115.7558	421.5574	2079.929	62.72615	966.5474	1494.124

#1	-.002060	.0359972	.0002207	.0001890	.0668601	.0057038	.0214534
#2	-.000462	.0015529	.0000425	-.000140	.3158403	-.002629	-.025069
#3	.000382	.0092872	-.000136	-.000025	.2168452	-.001660	.008435

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.004648	.0017294	.0035474	-.000115	-.049294	.0004374	-.000424
Stddev	.032071	.0018676	.0003847	.000179	.010365	.0006569	.000910
%RSD	689.9494	107.9925	10.84582	156.3667	21.02745	150.1840	214.6036

#1	-.039500	.0033179	.0039355	.000052	-.039621	.0004729	-.000217
#2	.023619	-.000328	.0035405	-.000304	-.048027	-.000237	-.001420
#3	.001936	.002198	.0031661	-.000092	-.060235	.001076	.000364

Sample Name: ICB Acquired: 5/30/2017 14:20:43 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v21) 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	.0002632	.0004030	.0000334
Stddev	.0007720	.0002699	.0000565
%RSD	293.3301	66.95897	169.3819

#1	.0002260	.0005023	.0000245
#2	-.000490	.0000976	.0000938
#3	.001053	.0006092	-.000018

Int. Std.	Y_ 2243	Y_ 2243	Y_ 3600	Y_ 3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1803.181	2641.730	55376.90	3914.404	3793.456
Stddev	25.266	9.386	1066.18	40.148	16.356
%RSD	1.401174	.3552839	1.925309	1.025643	.4311607

#1	1780.478	2631.099	54672.45	3939.035	3774.609
#2	1798.665	2648.870	54854.75	3936.102	3803.927
#3	1830.400	2645.221	56603.51	3868.077	3801.833

Sample Name: ICSA Acquired: 5/30/2017 14:24:51 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v21) 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	-.004284	-.013752	-.001710	-.022343	.0011326	241.3529
Stddev	.000509	.000662	.001574	.004866	.0010033	.2044
%RSD	11.88749	4.815470	92.02704	21.77797	88.58402	.0846693

#1	-.004378	-.013873	-.001802	-.026984	.0004647	241.1787
#2	-.003734	-.014345	-.003236	-.022766	.0006467	241.5778
#3	-.004739	-.013037	-.000092	-.017280	.0022863	241.3022

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0057135	.0007698	.0033874	247.0816	.0483558	.0012026
Stddev	.0005458	.0000671	.0002031	.9087	.0002063	.0002349
%RSD	9.552301	8.712046	5.996386	.3677793	.4266628	19.53338

#1	.0053508	.0008280	.0033617	246.5055	.0481185	.0010823
#2	.0063411	.0006964	.0031984	246.6101	.0484558	.0014733
#3	.0054484	.0007849	.0036022	248.1291	.0484930	.0010522

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0196381	103.6147	.0143478	253.6509	.0023713	-.002786
Stddev	.0021035	.2952	.0008837	.6607	.0004616	.000269
%RSD	10.71143	.2848930	6.159497	.2604954	19.46515	9.643389

#1	.0192361	103.3320	.0150802	253.3317	.0021269	-.002569
#2	.0219136	103.5910	.0145971	253.2104	.0029038	-.003086
#3	.0177646	103.9210	.0133662	254.4107	.0020833	-.002702

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.2380829	.0031581	.0015690	-.147671	-.010352	F -.299786
Stddev	.1388836	.0035432	.0031648	.013813	.004031	.000878
%RSD	58.33414	112.1911	201.7016	9.353568	38.94284	.2930023

#1	.1450643	.0013046	.0050290	-.132984	-.007047	-.300738
#2	.1714581	.0072436	-.001179	-.149630	-.014843	-.299612
#3	.3977262	.0009262	.000857	-.160400	-.009166	-.299007

Sample Name: ICSA Acquired: 5/30/2017 14:24:51 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v21) 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	.0000650	.0148507	-.005760	-.002840	-.002143	.0071889
Stddev	.0003309	.0136559	.000397	.000389	.000451	.0007468
%RSD	508.9320	91.95468	6.895356	13.70189	21.04243	10.38794

#1	-.000315	-.000015	-.005335	-.003217	-.001816	.0073525
#2	.000287	.017730	-.005822	-.002862	-.002657	.0063739
#3	.000223	.026837	-.006122	-.002440	-.001955	.0078404

Elem	Sr4077
Units	ppm
Avg	.1000418
Stddev	.0002660
%RSD	.2659422

#1	.0999697
#2	.1003365
#3	.0998192

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1619.222	2410.342	49428.51	3842.280	2929.584
Stddev	14.553	8.325	70.54	11.271	8.765
%RSD	.8987598	.3453666	.1427062	.2933329	.2991960

#1	1602.477	2403.343	49347.91	3829.327	2923.731
#2	1628.818	2419.547	49478.94	3847.672	2939.661
#3	1626.370	2408.136	49458.70	3849.842	2925.360

Sample Name: ICSAB Acquired: 5/30/2017 14:28:57 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v21) 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	.0927020	.1048599	.0474677	.0239397	.5599844	239.7346
Stddev	.0074624	.0011370	.0008310	.0024701	.0030132	1.4869
%RSD	8.049867	1.084305	1.750551	10.31790	.5380882	.6202334

#1	.0868645	.1061651	.0474762	.0235452	.5621709	238.1016
#2	.0901318	.1043300	.0466326	.0216905	.5612351	241.0104
#3	.1011099	.1040845	.0482944	.0265832	.5565473	240.0916

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.4988017	.4949144	.9661703	246.4411	.5555530	.4824471
Stddev	.0023706	.0020739	.0026912	2.0157	.0004591	.0013099
%RSD	.4752506	.4190444	.2785389	.8179139	.0826464	.2715070

#1	.4960649	.4925869	.9636669	244.2086	.5557874	.4817733
#2	.5002128	.4965661	.9658274	248.1274	.5558476	.4816113
#3	.5001276	.4955902	.9690164	246.9873	.5550239	.4839567

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.5209828	103.0920	.5294959	252.2871	.9680954	.1932772
Stddev	.0036101	.7817	.0039747	2.4355	.0046298	.0011373
%RSD	.6929483	.7582245	.7506586	.9653816	.4782413	.5884084

#1	.5169184	102.2782	.5258439	250.1483	.9635949	.1921912
#2	.5238173	103.8370	.5337293	254.9379	.9678467	.1944596
#3	.5222126	103.1608	.5289144	251.7749	.9728445	.1931808

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.3952372	.4995829	.9848854	-.225398	-.009240	F .8581062
Stddev	.0536794	.0058660	.0067704	.043239	.001150	.0047510
%RSD	13.58156	1.174173	.6874270	19.18323	12.44307	.5536660

#1	.4053860	.4928254	.9794346	-.181554	-.008021	.8540377
#2	.3372078	.5033642	.9827575	-.226633	-.010306	.8633276
#3	.4431177	.5025590	.9924641	-.268005	-.009393	.8569532

Sample Name: ICSAB Acquired: 5/30/2017 14:28:57 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v21) 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 1.033532	3.350411	.9872547	F 1.022298	1.049581	1.007132
Stddev	.001307	.021226	.0088650	.001262	.007666	.003818
%RSD	.1264502	.6335334	.8979431	.1234406	.7303439	.3790560
#1	1.032024	3.328885	.9851168	1.022259	1.040749	1.003639
#2	1.034227	3.371324	.9969932	1.021056	1.053500	1.011208
#3	1.034343	3.351025	.9796542	1.023579	1.054495	1.006549

Elem	Sr4077
Units	ppm
Avg	1.236758
Stddev	.007923
%RSD	.6406430
#1	1.229369
#2	1.245124
#3	1.235780

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1600.357	2391.997	49218.90	3829.198	2907.531
Stddev	11.240	5.523	132.59	22.959	7.643
%RSD	.7023422	.2308765	.2693816	.5995649	.2628700
#1	1613.335	2387.055	49370.29	3851.689	2902.820
#2	1593.712	2397.958	49162.96	3805.799	2916.349
#3	1594.025	2390.978	49123.45	3830.107	2903.423

Sample Name: CCV041 Acquired: 5/30/2017 14:32:53 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v21) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: CCV041 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.968372	4.863951	24.63789	4.890773	4.992389	400.5108
Stddev	.067540	.038213	.18166	.054784	.054564	.5227
%RSD	1.359404	.7856358	.7373250	1.120144	1.092941	.1305172

#1	4.984977	4.869522	24.71520	4.904882	5.009200	400.0222
#2	5.026062	4.899073	24.76810	4.937122	5.036568	401.0620
#3	4.894078	4.823259	24.43036	4.830315	4.931397	400.4483

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	10.16476	.5063234	2.537803	405.4346	15.38345	2.527474
Stddev	.02135	.0024095	.016946	.8996	.10534	.018703
%RSD	.2100487	.4758771	.6677414	.2218785	.6847493	.7399884

#1	10.14430	.5037306	2.545875	404.4367	15.27601	2.533944
#2	10.18690	.5084936	2.549205	406.1834	15.38778	2.542082
#3	10.16309	.5067459	2.518331	405.6835	15.48655	2.506395

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	15.19122	411.4057	14.98429	407.2608	2.524980	1.289141
Stddev	.02860	1.1122	.04998	1.0363	.017646	.005207
%RSD	.1882607	.2703319	.3335228	.2544654	.6988637	.4039146

#1	15.15849	410.4274	14.92664	406.0870	2.531184	1.283414
#2	15.20383	412.6153	15.01520	407.6461	2.538686	1.293590
#3	15.21136	411.1743	15.01104	408.0494	2.505070	1.290420

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	404.4086	2.499965	15.76666	154.3956	5.120018	F 4.150006
Stddev	1.0109	.010955	.05127	.5359	.055369	.012037
%RSD	.2499821	.4382158	.3252077	.3470817	1.081415	.2900478

#1	403.9292	2.492200	15.71159	153.7773	5.150030	4.136115
#2	405.5701	2.495198	15.77537	154.7250	5.153901	4.157362
#3	403.7265	2.512496	15.81303	154.6846	5.056123	4.156541

Sample Name: CCV041 Acquired: 5/30/2017 14:32:53 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v21) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: CCV041 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.943773	5.016350	4.988023	5.034944	4.998001	5.102504
Stddev	.046536	.052922	.013956	.037487	.006569	.004697
%RSD	.9413075	1.054987	.2797834	.7445392	.1314246	.0920590

#1	4.947113	5.048790	4.972475	5.051001	4.992995	5.098453
#2	4.988549	5.044979	4.999465	5.061727	5.005439	5.107653
#3	4.895656	4.955281	4.992129	4.992103	4.995571	5.101406

Elem	Sr4077
Units	ppm
Avg	5.083489
Stddev	.009188
%RSD	.1807464

#1	5.073254
#2	5.091027
#3	5.086185

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1443.271	2162.024	46130.96	3681.862	2476.780
Stddev	4.843	20.791	39.01	5.057	18.820
%RSD	.3355613	.9616676	.0845648	.1373372	.7598607

#1	1443.825	2156.102	46174.68	3682.732	2468.805
#2	1438.174	2144.836	46118.48	3676.427	2463.260
#3	1447.813	2185.135	46099.71	3686.427	2498.275

Sample Name: CCB041 Acquired: 5/30/2017 14:36:41 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v21) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: CCB041 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0015545	.0001651	.0001726	-.003281	.0003851	.0143522	.0014623
Stddev	.0013489	.0014139	.0003488	.002595	.0009085	.0071245	.0004003
%RSD	86.77543	856.2825	202.1025	79.07996	235.9437	49.64024	27.37539

#1	.0029881	.0001333	.0005424	-.006201	.0012435	.0206828	.0015670
#2	.0013650	.0015947	.0001256	-.002403	-.000566	.0066371	.0017998
#3	.0003103	-.001233	-.000150	-.001239	.000478	.0157367	.0010200

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0000221	.0001041	.0100746	.0000516	.0003240	-.000979	.0149899
Stddev	.0000998	.0000505	.0102453	.0004386	.0001509	.003737	.0039334
%RSD	451.1501	48.51211	101.6938	849.2749	46.55986	381.7333	26.24065

#1	-.000092	.0001437	.0194927	.0005579	.0001746	-.003885	.0136820
#2	.000064	.0001215	-.000834	-.000209	.0003212	-.002289	.0194106
#3	.000094	.0000472	.011566	-.000194	.0004763	.003237	.0118769

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000120	.0072277	.0001496	-.000235	.2172297	-.006012	.0018077
Stddev	.000747	.0253774	.0001877	.000204	.1165353	.002285	.0080146
%RSD	621.6641	351.1141	125.4990	86.87192	53.64614	38.00346	443.3569

#1	.000249	-.021630	.0000169	-.000187	.2587311	-.005431	.0078263
#2	-.000980	.026067	.0000675	-.000059	.3073333	-.004074	.0048866
#3	.000371	.017246	.0003643	-.000458	.0856245	-.008531	-.007290

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0021713	.0010120	.0062862	.0003252	-.049931	-.000087	-.000038
Stddev	.0471697	.0019717	.0005096	.0000637	.012377	.000982	.000378
%RSD	2172.409	194.8281	8.105889	19.58227	24.78795	1126.628	989.7480

#1	.0562173	.0032080	.0066846	.0003009	-.038219	.001009	.000387
#2	-.030705	-.000606	.0064620	.0003975	-.062880	-.000382	-.000336
#3	-.018999	.000434	.0057120	.0002773	-.048694	-.000888	-.000165

Sample Name: CCB041 Acquired: 5/30/2017 14:36:41 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v21) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: CCB041 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.0000082	.0004860	.0001461
Stddev	.0006932	.0009349	.0000124
%RSD	8485.481	192.3583	8.451187

#1	.0007194	.0015606	.0001342
#2	-.000029	-.000140	.0001589
#3	-.000666	.000037	.0001452

Int. Std.	Y_ 2243	Y_ 2243	Y_ 3600	Y_ 3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1805.240	2669.918	55579.49	3970.700	3839.303
Stddev	21.655	21.982	463.57	25.309	33.239
%RSD	1.199566	.8233047	.8340749	.6373870	.8657469

#1	1802.856	2663.612	55577.83	3943.857	3841.242
#2	1784.875	2694.364	55116.75	3974.114	3871.530
#3	1827.988	2651.780	56043.89	3994.128	3805.137

Sample Name: PB99236BL Acquired: 5/30/2017 14:40:53 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v21) 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	-.000379	-.000214	.0007439	.0007735	.0001575	.0063093	.0003057
Stddev	.001627	.001560	.0008132	.0011320	.0006177	.0080172	.0003859
%RSD	429.5501	728.6291	109.3229	146.3486	392.1166	127.0689	126.2290

#1	.001264	-.001224	.0015614	.0020773	.0007397	-.002938	.0006343
#2	-.000411	-.001001	-.000065	.0000397	.0002234	.011307	-.000119
#3	-.001990	.001583	.000735	.0002036	-.000490	.010559	.000402

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0000211	.0000068	-.008141	-.000176	.0000644	.0008603	.0199198
Stddev	.0000067	.0000604	.018535	.000129	.0001725	.0003385	.0202694
%RSD	31.54051	884.3820	227.6847	73.68729	267.7788	39.34243	101.7551

#1	.0000145	.0000765	-.014997	-.000188	.0000438	.0009418	.0358792
#2	.0000278	-.000025	-.022271	-.000298	.0002463	.0011505	-.002886
#3	.0000211	-.000031	.012846	-.000040	-.000097	.0004885	.026766

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000250	-.012225	.0001088	-.000091	.2402530	.0009311	.0102527
Stddev	.000356	.043450	.0001270	.000201	.1793501	.0007467	.0072356
%RSD	142.2288	355.4159	116.6537	220.1993	74.65050	80.19281	70.57188

#1	.000060	-.060975	.0001276	.000141	.2893762	.0012744	.0186045
#2	-.000639	.022418	.0002254	-.000209	.0414599	.0000745	.0062756
#3	-.000171	.001882	-.000026	-.000205	.3899229	.0014444	.0058781

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.019974	.0019198	.0017111	-.000289	-.048949	-.000101	-.000139
Stddev	.012196	.0002553	.0010628	.000177	.012888	.000260	.000153
%RSD	61.05883	13.29756	62.11528	61.15955	26.32836	257.6130	110.4852

#1	-.009733	.0017499	.0029381	-.000247	-.034579	.000199	-.000132
#2	-.033465	.0017962	.0010792	-.000137	-.059481	-.000235	.000011
#3	-.016723	.0022134	.0011159	-.000483	-.052789	-.000267	-.000295

Sample Name: PB99236BL Acquired: 5/30/2017 14:40:53 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v21) 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	.0002637	.0003623	.0000311
Stddev	.0012036	.0003803	.0000564
%RSD	456.3600	104.9669	181.7614

#1	.0015719	-.000077	.0000173
#2	-.000797	.000569	.0000931
#3	.000016	.000595	-.000017

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1785.366	2646.838	54947.78	3911.731	3803.331
Stddev	6.042	12.141	57.46	16.685	25.449
%RSD	.3383952	.4586796	.1045699	.4265396	.6691143

#1	1783.867	2649.903	54987.32	3925.876	3812.428
#2	1780.215	2657.152	54974.15	3893.330	3822.980
#3	1792.016	2633.459	54881.86	3915.987	3774.584

Sample Name: PB99236BS Acquired: 5/30/2017 14:45:03 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v21) 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	.0167796	.0522462	.0209931	.0635711	.1163921	.4048117
Stddev	.0011306	.0011465	.0010264	.0020537	.0010821	.0069142
%RSD	6.738015	2.194470	4.889453	3.230529	.9296672	1.708006

#1	.0168602	.0534373	.0214972	.0615571	.1165235	.4113261
#2	.0156109	.0511502	.0216700	.0634941	.1152503	.3975572
#3	.0178678	.0521512	.0198120	.0656623	.1174024	.4055519

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.4058024	.0102143	.0096913	10.34122	F .0305092	.0935128
Stddev	.0028042	.0001193	.0000771	.03014	.0003044	.0007902
%RSD	.6910200	1.168189	.7954393	.2914140	.9978309	.8449909

#1	.4071979	.0100992	.0096552	10.31702	.0301983	.0934444
#2	.4076350	.0103374	.0096389	10.33168	.0308067	.0927590
#3	.4025742	.0102064	.0097798	10.37498	.0305227	.0943349

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0532696	F .2798623	.0346729	9.872010	.0811618	.0192724
Stddev	.0006404	.0090486	.0002004	.129079	.0008071	.0004077
%RSD	1.202089	3.233217	.5781244	1.307529	.9944946	2.115503

#1	.0526830	.2726461	.0347435	9.850273	.0813549	.0189228
#2	.0531730	.2769267	.0348285	9.755179	.0802757	.0197203
#3	.0539528	.2900142	.0344467	10.01058	.0818549	.0191741

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	10.22267	.1114283	.1326743	8.964073	F .0320960	F .0204839
Stddev	.13194	.0027674	.0167922	.041775	.0009671	.0000562
%RSD	1.290702	2.483600	12.65668	.4660284	3.013315	.2743182

#1	10.07438	.1109428	.1171393	9.009111	.0323170	.0204475
#2	10.26653	.1144063	.1504904	8.926593	.0310375	.0205486
#3	10.32709	.1089357	.1303931	8.956516	.0329336	.0204555

Sample Name: PB99236BS Acquired: 5/30/2017 14:45:03 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v21) 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	.0223782	.4978407	.1966714	F .0144793	.2064782	.0933181
Stddev	.0000620	.0022675	.0012602	.0010800	.0014444	.0007400
%RSD	.2768970	.4554728	.6407394	7.458821	.6995179	.7930025

#1	.0223139	.5000287	.1981264	.0147452	.2081311	.0927284
#2	.0224376	.4955012	.1959304	.0132912	.2054593	.0941484
#3	.0223832	.4979921	.1959573	.0154014	.2058442	.0930774

Elem	Sr4077
Units	ppm
Avg	.2109850
Stddev	.0008882
%RSD	.4209891

#1	.2116849
#2	.2112843
#3	.2099858

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1749.937	2603.517	54571.97	4015.671	3672.588
Stddev	10.029	13.822	276.64	10.167	22.542
%RSD	.5730928	.5309033	.5069295	.2531934	.6137837

#1	1740.611	2596.184	54392.75	4006.870	3664.467
#2	1748.655	2619.461	54432.58	4013.343	3698.065
#3	1760.545	2594.907	54890.58	4026.801	3655.232

Sample Name: I3296-01 Acquired: 5/30/2017 14:49:13 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v21) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MGA129 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0782790	-.018692	7.113489	-.041937	.0069684	71.81392
Stddev	.0021212	.002111	.027301	.003360	.0005809	.41007
%RSD	2.709819	11.29216	.3837910	8.012564	8.335428	.5710188

#1	.0791900	-.021114	7.137574	-.045801	.0062977	72.28704
#2	.0758545	-.017243	7.083832	-.040310	.0072969	71.56076
#3	.0797926	-.017719	7.119061	-.039699	.0073105	71.59396

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.818250	.0094905	.0563291	149.0940	.1193836	.1979265
Stddev	.021553	.0000675	.0002527	.6519	.0004229	.0010290
%RSD	.7647784	.7112779	.4485473	.4372565	.3542718	.5198746

#1	2.843130	.0095669	.0565166	149.4296	.1190703	.1986876
#2	2.805273	.0094655	.0560418	148.3427	.1198647	.1967558
#3	2.806348	.0094390	.0564290	149.5099	.1192159	.1983361

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.2380229	209.3253	F 36.72206	72.75373	.2655234	.0005681
Stddev	.0034887	.8001	.11169	.20015	.0014416	.0002190
%RSD	1.465701	.3822092	.3041407	.2751098	.5429370	38.54773

#1	.2420511	210.2460	36.80356	72.98463	.2670772	.0007824
#2	.2360455	208.9317	36.59475	72.62958	.2642293	.0003446
#3	.2359722	208.7984	36.76788	72.64698	.2652637	.0005774

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.325625	.2936659	2.907182	9.232781	6.180026	-.574789
Stddev	.037024	.0043243	.063331	.084073	.022340	.001612
%RSD	2.792960	1.472509	2.178427	.9105889	.3614874	.2804349

#1	1.358090	.2978053	2.974592	9.317953	6.175321	-.576220
#2	1.285303	.2940145	2.848927	9.230539	6.160414	-.573043
#3	1.333481	.2891778	2.898026	9.149852	6.204344	-.575104

Sample Name: I3296-01 Acquired: 5/30/2017 14:49:13 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v21) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MGA129 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0064001	16.66245	11.38389	.0136697	1.214721	.0449138
Stddev	.0002098	.04127	.01525	.0008908	.005797	.0005086
%RSD	3.278197	.2476743	.1340019	6.516681	.4772374	1.132419

#1	.0063556	16.65342	11.39490	.0140825	1.221198	.0451109
#2	.0062161	16.62644	11.36648	.0126473	1.210020	.0443362
#3	.0066286	16.70748	11.39029	.0142792	1.212945	.0452944

Elem	Sr4077
Units	ppm
Avg	.1058676
Stddev	.0007224
%RSD	.6823783

#1	.1066733
#2	.1056516
#3	.1052778

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1979.811	2935.385	61782.75	4804.942	3072.904
Stddev	12.468	9.170	280.52	3.476	12.057
%RSD	.6297796	.3123801	.4540371	.0723351	.3923786

#1	1967.794	2925.659	61558.04	4800.930	3060.232
#2	1978.951	2943.872	61693.08	4807.048	3084.235
#3	1992.687	2936.622	62097.14	4806.848	3074.245

Sample Name: I3296-02 Acquired: 5/30/2017 14:53:14 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v21) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MGA130 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0817995	-.020328	15.84686	-.041836	.0043171	79.13326	2.465097
Stddev	.0009569	.000914	.15457	.002141	.0003131	.06817	.003121
%RSD	1.169816	4.496720	.9754177	5.116451	7.252781	.0861406	.1266197

#1	.0819091	-.019844	15.80922	-.042039	.0046117	79.05535	2.468203
#2	.0826968	-.019759	15.71459	-.039602	.0043513	79.16254	2.465126
#3	.0807925	-.021383	16.01678	-.043868	.0039883	79.18190	2.461961

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0101286	.0466074	158.4161	.1288349	.2377436	.6837734	220.9867
Stddev	.0000570	.0003984	.6405	.0021681	.0024806	.0029728	.3964
%RSD	.5628691	.8547905	.4043410	1.682865	1.043392	.4347680	.1793931

#1	.0101635	.0464615	157.8957	.1279245	.2368979	.6836860	220.6378
#2	.0101595	.0463025	159.1315	.1313098	.2357964	.6808453	221.4178
#3	.0100628	.0470581	158.2211	.1272705	.2405364	.6867890	220.9047

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	18.69836	67.28938	.2514864	-.001045	1.239940	.2925092	2.381462
Stddev	.03638	.21823	.0029862	.000288	.074688	.0042187	.013020
%RSD	.1945843	.3243133	1.187435	27.52079	6.023553	1.442256	.5467184

#1	18.66971	67.04132	.2508321	-.001329	1.241135	.2918418	2.377713
#2	18.73930	67.45180	.2488817	-.000754	1.314024	.2970218	2.395945
#3	18.68608	67.37502	.2547456	-.001053	1.164661	.2886640	2.370727

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	10.39281	7.654924	-.608040	.0037795	18.47322	13.66301	.0101571
Stddev	.06105	.067734	.002270	.0000619	.24811	.05720	.0022133
%RSD	.5874073	.8848383	.3733369	1.638768	1.343075	.4186351	21.79095

#1	10.37460	7.626251	-.606625	.0038492	18.33423	13.63348	.0076300
#2	10.46089	7.606243	-.610658	.0037587	18.32575	13.72894	.0110905
#3	10.34294	7.732278	-.606836	.0037306	18.75967	13.62661	.0117508

Sample Name: I3296-02 Acquired: 5/30/2017 14:53:14 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v21) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MGA130 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.7487052	.0466047	.1217729
Stddev	.0037345	.0008932	.0003347
%RSD	.4987986	1.916598	.2748352

#1	.7469310	.0455899	.1215567
#2	.7529962	.0472717	.1221584
#3	.7461886	.0469526	.1216037

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1894.741	2829.435	59694.68	4605.328	3087.961
Stddev	19.012	28.926	414.95	8.888	28.780
%RSD	1.003415	1.022324	.6951254	.1930035	.9320089

#1	1887.418	2826.891	59847.62	4603.856	3086.670
#2	1880.480	2859.549	59224.96	4597.267	3117.365
#3	1916.326	2801.865	60011.46	4614.860	3059.849

Sample Name: I3296-03 Acquired: 5/30/2017 14:57:14 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v21) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MGA131 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1263367	-.012813	.9084466	-.040844	.0075299	97.69991	1.802150
Stddev	.0020337	.000164	.0040124	.002914	.0007274	.45145	.008177
%RSD	1.609751	1.276282	.4416801	7.134993	9.659935	.4620810	.4537310

#1	.1239969	-.012805	.9046252	-.037742	.0067702	97.75250	1.799789
#2	.1273337	-.012980	.9126261	-.043524	.0082199	98.12276	1.811248
#3	.1276795	-.012654	.9080886	-.041265	.0075998	97.22446	1.795414

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0074530	.0133844	23.68425	.2266060	.0956163	.2117015	257.5102
Stddev	.0000725	.0000508	.14560	.0007919	.0002481	.0016675	2.0146
%RSD	.9723454	.3794374	.6147484	.3494718	.2595245	.7876836	.7823405

#1	.0074259	.0133515	23.63028	.2262165	.0955395	.2098463	256.8290
#2	.0073979	.0133588	23.84912	.2275172	.0958937	.2121826	259.7771
#3	.0075351	.0134429	23.57334	.2260842	.0954155	.2130755	255.9245

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.153429	15.73412	.1081999	-.005951	1.514403	.4454194	1.457557
Stddev	.027111	.14772	.0006138	.000354	.183349	.0047206	.026278
%RSD	.5260692	.9388384	.5672737	5.952507	12.10700	1.059808	1.802908

#1	5.148697	15.60518	.1075613	-.006295	1.309293	.4498079	1.487781
#2	5.182595	15.89529	.1087855	-.005971	1.571525	.4460252	1.444773
#3	5.128997	15.70189	.1082529	-.005588	1.662392	.4404252	1.440116

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	9.574927	3.678437	-.712485	.0062190	7.258923	59.73096	.0123719
Stddev	.063130	.013292	.007002	.0004237	.027670	.59692	.0017476
%RSD	.6593300	.3613439	.9827641	6.812227	.3811840	.9993522	14.12575

#1	9.623675	3.687197	-.708000	.0057329	7.257028	59.37698	.0104733
#2	9.597492	3.684972	-.720554	.0065093	7.287492	60.42014	.0127291
#3	9.503615	3.663143	-.708902	.0064150	7.232250	59.39577	.0139134

Sample Name: I3296-03 Acquired: 5/30/2017 14:57:14 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v21) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MGA131 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	2.111517	.0530856	.0923405
Stddev	.007940	.0003809	.0014247
%RSD	.3760424	.7176032	1.542854

#1	2.117876	.0535199	.0912112
#2	2.102618	.0529290	.0918692
#3	2.114058	.0528079	.0939411

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1859.251	2775.130	58085.44	4384.693	3366.200
Stddev	15.470	8.013	275.53	24.970	9.267
%RSD	.8320524	.2887453	.4743568	.5694698	.2752998

#1	1843.525	2780.456	57813.72	4397.757	3371.435
#2	1874.452	2765.915	58364.63	4355.902	3355.500
#3	1859.777	2779.019	58077.96	4400.420	3371.665

Sample Name: I3296-04 Acquired: 5/30/2017 15:01:17 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v21) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MGA132 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0933380	-.027388	24.54905	-.046478	.0048829	64.45124	1.228876
Stddev	.0025052	.005145	.12065	.002814	.0027062	.06394	.001083
%RSD	2.684001	18.78487	.4914494	6.053817	55.42181	.0992135	.0881175

#1	.0938351	-.026887	24.56474	-.048380	.0033827	64.46381	1.227654
#2	.0955574	-.022512	24.42133	-.043246	.0032591	64.50796	1.229719
#3	.0906215	-.032764	24.66109	-.047809	.0080070	64.38194	1.229254

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0098373	.1457007	548.9895	.1090849	.2575103	.5782590	225.2181
Stddev	.0001720	.0005134	1.9502	.0008959	.0008398	.0039436	.4970
%RSD	1.748649	.3523718	.3552268	.8212719	.3261433	.6819820	.2206560

#1	.0096674	.1458264	551.0558	.1085679	.2570533	.5824048	225.7074
#2	.0100114	.1451361	547.1812	.1101194	.2569981	.5745548	224.7138
#3	.0098331	.1461395	548.7315	.1085675	.2584796	.5778174	225.2331

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	21.72627	277.6597	.2260532	.0068258	1.685925	.2397296	6.595328
Stddev	.05760	.7005	.0008155	.0003576	.119952	.0054259	.078837
%RSD	.2651326	.2522819	.3607440	5.239774	7.114885	2.263329	1.195345

#1	21.78656	278.3770	.2266005	.0064131	1.584740	.2412054	6.631627
#2	21.67179	276.9774	.2251160	.0070470	1.818430	.2337184	6.504881
#3	21.72044	277.6246	.2264432	.0070171	1.654605	.2442648	6.649478

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	7.344422	8.079181	-.629684	.0030477	28.24274	12.60889	.0085371
Stddev	.015974	.050369	.004056	.0003981	.10024	.06564	.0003965
%RSD	.2174964	.6234403	.6440907	13.06263	.3549127	.5206025	4.644292

#1	7.329484	8.067687	-.634012	.0025886	28.24977	12.68067	.0080823
#2	7.342519	8.035552	-.629067	.0032557	28.13916	12.59408	.0088097
#3	7.361261	8.134303	-.625971	.0032986	28.33927	12.55191	.0087195

Sample Name: I3296-04 Acquired: 5/30/2017 15:01:17 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v21) Mode: CONC Corr. Factor: 1.000000
 User: JASWAL Custom ID1: MGA132 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.6449187	.0531660	.1986859
Stddev	.0032657	.0007722	.0003146
%RSD	.5063744	1.452490	.1583251

#1	.6484736	.0522846	.1989074
#2	.6442306	.0537239	.1988245
#3	.6420518	.0534893	.1983258

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1755.773	2599.599	55505.11	4365.588	2717.890
Stddev	9.464	4.753	266.11	11.733	10.134
%RSD	.5390297	.1828400	.4794252	.2687587	.3728730

#1	1756.290	2601.175	55804.01	4352.178	2716.463
#2	1764.968	2603.363	55417.34	4370.620	2728.662
#3	1746.061	2594.258	55293.98	4373.965	2708.545

Sample Name: I3296-05 Acquired: 5/30/2017 15:05:15 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v21) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MGA133 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0720847	-.021938	18.29772	-.039780	.0057004	65.08119	2.505278
Stddev	.0027893	.001910	.26440	.002031	.0015644	.37214	.016979
%RSD	3.869428	8.708106	1.445008	5.104876	27.44339	.5718028	.6777462

#1	.0753053	-.024058	18.60161	-.039137	.0072429	65.41867	2.521552
#2	.0705007	-.021407	18.12037	-.042055	.0041150	64.68209	2.487671
#3	.0704481	-.020349	18.17117	-.038149	.0057432	65.14280	2.506612

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0087797	.1765576	350.5891	.1012173	.2045362	.3501616	193.0885
Stddev	.0001243	.0024757	1.9006	.0014745	.0027078	.0053025	.9258
%RSD	1.415539	1.402203	.5421251	1.456742	1.323891	1.514298	.4794640

#1	.0088985	.1794162	352.7824	.1001280	.2076572	.3549440	194.1005
#2	.0087899	.1751178	349.4240	.1028951	.2028118	.3510815	192.2841
#3	.0086506	.1751386	349.5610	.1006286	.2031397	.3444594	192.8809

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	19.48224	172.8588	.1964259	.0094366	1.520574	.2235234	7.915593
Stddev	.12804	.6335	.0030126	.0001332	.133122	.0065701	.063288
%RSD	.6572017	.3665052	1.533700	1.411155	8.754705	2.939345	.7995369

#1	19.62918	173.5860	.1998887	.0093940	1.668167	.2161264	7.849063
#2	19.42292	172.4266	.1944081	.0093300	1.409581	.2257625	7.975044
#3	19.39461	172.5638	.1949807	.0095858	1.483974	.2286813	7.922671

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	8.565669	7.186941	-.527769	.0017606	21.49756	12.58856	.0084960
Stddev	.087029	.091507	.002592	.0004135	.33408	.04915	.0023355
%RSD	1.016022	1.273243	.4911415	23.48641	1.554016	.3904564	27.48930

#1	8.639017	7.292459	-.529280	.0020761	21.87476	12.63433	.0111337
#2	8.469505	7.129375	-.529252	.0019131	21.23901	12.59474	.0076638
#3	8.588486	7.138989	-.524776	.0012925	21.37890	12.53661	.0066907

Sample Name: I3296-05 Acquired: 5/30/2017 15:05:15 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v21) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MGA133 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.6754369	.0448584	.1480322
Stddev	.0059622	.0003950	.0008037
%RSD	.8827156	.8804773	.5429475

#1	.6821924	.0453134	.1488687
#2	.6709102	.0446571	.1472659
#3	.6732081	.0446045	.1479619

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1788.551	2675.344	56297.60	4447.793	2900.107
Stddev	10.183	33.848	363.28	28.759	37.457
%RSD	.5693285	1.265186	.6452802	.6465805	1.291569

#1	1797.199	2636.325	56403.25	4414.672	2857.065
#2	1777.328	2696.805	55893.21	4462.278	2925.305
#3	1791.125	2692.903	56596.34	4466.429	2917.953

Sample Name: I3296-06 Acquired: 5/30/2017 15:09:12 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v21) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MGA134 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0725761	-.020048	12.26774	-.035162	.0045083	77.88238	3.231066
Stddev	.0030338	.001217	.05209	.003372	.0021277	.34603	.015754
%RSD	4.180139	6.071486	.4245814	9.589070	47.19621	.4443027	.4875847

#1	.0700911	-.021167	12.21356	-.038526	.0052007	77.55042	3.219861
#2	.0716802	-.020225	12.27221	-.035176	.0062035	78.24095	3.249079
#3	.0759569	-.018752	12.31744	-.031783	.0021206	77.85576	3.224257

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0101406	.0819870	195.7856	.1187656	.1765460	.6063176	205.1850
Stddev	.0001560	.0002848	.8392	.0004359	.0010907	.0030428	.9636
%RSD	1.538029	.3473864	.4286071	.3670230	.6177850	.5018536	.4696416

#1	.0100624	.0816613	194.8890	.1190236	.1754342	.6029137	204.1046
#2	.0100392	.0821894	196.5521	.1182623	.1765896	.6072652	205.9557
#3	.0103202	.0821102	195.9158	.1190108	.1776142	.6087738	205.4946

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	18.78304	94.19695	.2064069	.0005656	1.292462	.2673992	3.891443
Stddev	.09018	.57928	.0013029	.0003228	.040767	.0051855	.059484
%RSD	.4801071	.6149639	.6312275	57.07094	3.154231	1.939232	1.528586

#1	18.68033	93.55566	.2049552	.0001939	1.277042	.2731812	3.857680
#2	18.84921	94.68228	.2067909	.0007274	1.338690	.2631606	3.960126
#3	18.81958	94.35291	.2074747	.0007756	1.261654	.2658558	3.856523

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	8.953872	6.249398	-.560890	.0017864	19.60288	8.591338	.0076968
Stddev	.057125	.006966	.003374	.0002703	.06735	.039568	.0007955
%RSD	.6379921	.1114741	.6016083	15.12976	.3435829	.4605555	10.33578

#1	8.891790	6.242959	-.557052	.0015024	19.52513	8.545947	.0082645
#2	9.004218	6.248441	-.562228	.0020405	19.64014	8.609523	.0067876
#3	8.965607	6.256793	-.563391	.0018164	19.64336	8.618545	.0080384

Sample Name: I3296-06 Acquired: 5/30/2017 15:09:12 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v21) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MGA134 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.6383190	.0454497	.0940346
Stddev	.0028999	.0005460	.0004626
%RSD	.4543022	1.201382	.4919444

#1	.6361086	.0448255	.0935326
#2	.6416025	.0458385	.0944438
#3	.6372458	.0456852	.0941275

Int. Std.	Y_ 2243	Y_ 2243	Y_ 3600	Y_ 3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1872.737	2824.983	58562.84	4588.061	3027.398
Stddev	15.235	3.042	197.64	6.773	5.883
%RSD	.8135299	.1076944	.3374892	.1476237	.1943220

#1	1868.168	2825.473	58552.16	4595.774	3034.016
#2	1860.309	2827.751	58370.75	4583.085	3025.417
#3	1889.734	2821.726	58765.61	4585.324	3022.762

Sample Name: I3296-07 Acquired: 5/30/2017 15:13:10 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v21) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MGA135 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.3045765	-.017696	5.660646	-.033433	.0061011	84.49996	1.751305
Stddev	.0014989	.003122	.029369	.003331	.0004830	.33096	.004571
%RSD	.4921183	17.64308	.5188341	9.961968	7.917339	.3916654	.2610054

#1	.3059156	-.017647	5.637243	-.033074	.0056968	84.88186	1.756466
#2	.3029574	-.020842	5.651092	-.030297	.0059704	84.32109	1.747767
#3	.3048566	-.014599	5.693603	-.036929	.0066360	84.29693	1.749682

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0096364	.0244696	111.4253	.2128924	.1684233	.5574212	192.2786
Stddev	.0000354	.0001322	.5611	.0005471	.0006480	.0007329	.7609
%RSD	.3676848	.5401725	.5035483	.2569898	.3847533	.1314823	.3957292

#1	.0096357	.0246092	111.7824	.2122625	.1684550	.5568808	192.9196
#2	.0096014	.0243463	111.7149	.2131654	.1677601	.5582555	192.4786
#3	.0096722	.0244534	110.7786	.2132492	.1690550	.5571275	191.4377

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	15.61710	53.07799	.2085445	-.002254	2.054199	.2617148	1.644526
Stddev	.09506	.14337	.0006145	.000124	.056675	.0042833	.025870
%RSD	.6087229	.2701151	.2946851	5.500469	2.758998	1.636644	1.573108

#1	15.71320	53.23186	.2078685	-.002390	2.015073	.2611793	1.667276
#2	15.61498	53.05395	.2086956	-.002225	2.119193	.2662407	1.649916
#3	15.52311	52.94816	.2090694	-.002148	2.028333	.2577244	1.616385

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	10.44889	8.059316	-.503100	.0030899	15.64293	9.000053	.0167274
Stddev	.01393	.020121	.003554	.0002750	.05139	.036949	.0005581
%RSD	.1333221	.2496644	.7063445	8.899301	.3285376	.4105411	3.336165

#1	10.45546	8.037069	-.507163	.0034055	15.58497	9.042703	.0173327
#2	10.43289	8.064636	-.500569	.0029020	15.66092	8.979694	.0166161
#3	10.45832	8.076243	-.501569	.0029622	15.68292	8.977762	.0162334

Sample Name: I3296-07 Acquired: 5/30/2017 15:13:10 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v21) Mode: CONC Corr. Factor: 1.000000
 User: JASWAL Custom ID1: MGA135 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.7136972	.0494688	.1026562
Stddev	.0047088	.0005769	.0002479
%RSD	.6597684	1.166266	.2414990

#1	.7188459	.0497068	.1028690
#2	.7096095	.0488110	.1023840
#3	.7126361	.0498887	.1027157

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1966.495	2919.078	61373.28	4735.239	3131.534
Stddev	7.070	8.085	40.66	18.182	1.101
%RSD	.3594984	.2769713	.0662423	.3839797	.0351492

#1	1959.944	2911.335	61342.62	4718.989	3130.263
#2	1973.988	2918.431	61419.40	4731.851	3132.160
#3	1965.551	2927.466	61357.84	4754.877	3132.179

Sample Name: I3296-08 Acquired: 5/30/2017 15:17:11 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v21) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MGA136 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0733167	-.013626	.8611454	-.035078	.0064621	80.86343	1.536102
Stddev	.0027735	.003085	.0039553	.003745	.0016144	.13086	.005473
%RSD	3.782861	22.64365	.4593070	10.67627	24.98283	.1618271	.3563216

#1	.0734474	-.016771	.8624332	-.038945	.0053081	80.96156	1.535522
#2	.0760225	-.010604	.8642962	-.031468	.0083070	80.91388	1.541842
#3	.0704802	-.013501	.8567067	-.034821	.0057712	80.71486	1.530941

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0092414	.0120445	42.62311	.1468834	.1779440	.7452624	197.0285
Stddev	.0000925	.0000711	.10017	.0070712	.0008437	.0046587	.3401
%RSD	1.000722	.5905281	.2350202	4.814182	.4741235	.6251027	.1725974

#1	.0093324	.0121204	42.73675	.1523049	.1779418	.7479294	197.3529
#2	.0092443	.0119794	42.58495	.1494601	.1787889	.7479746	197.0580
#3	.0091475	.0120337	42.54763	.1388851	.1771015	.7398831	196.6747

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	11.61907	20.86279	.1442348	-.004228	.9269713	.3037739	.9331675
Stddev	.01662	.07767	.0006382	.000817	.0740686	.0057675	.0450971
%RSD	.1430427	.3722855	.4424456	19.31507	7.990384	1.898629	4.832687

#1	11.63566	20.80610	.1445363	-.005076	.8572483	.2971178	.9599365
#2	11.61915	20.95132	.1446664	-.004161	1.004730	.3072929	.9584652
#3	11.60242	20.83095	.1435018	-.003447	.918936	.3069111	.8811008

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	7.398205	2.997903	-.538959	.0035063	6.516660	14.85645	.0103884
Stddev	.060711	.017931	.004802	.0000822	.048898	.12806	.0013419
%RSD	.8206172	.5981081	.8910191	2.344138	.7503553	.8619673	12.91734

#1	7.464060	2.999584	-.544016	.0036011	6.514607	15.00377	.0107917
#2	7.386088	3.014934	-.538401	.0034632	6.566552	14.79382	.0114823
#3	7.344466	2.979191	-.534460	.0034546	6.468820	14.77177	.0088910

Sample Name: I3296-08 Acquired: 5/30/2017 15:17:11 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v21) Mode: CONC Corr. Factor: 1.000000
 User: JASWAL Custom ID1: MGA136 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.7769996	.0432924	.0708543
Stddev	.0031866	.0003537	.0002575
%RSD	.4101209	.8170320	.3633445

#1	.7801043	.0434067	.0711118
#2	.7737369	.0435749	.0708543
#3	.7771576	.0428957	.0705969

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1915.504	2819.881	60202.63	4524.808	3285.821
Stddev	77.146	20.666	2498.38	26.192	19.921
%RSD	4.027468	.7328678	4.149958	.5788560	.6062731

#1	1854.732	2822.954	58072.83	4497.189	3288.238
#2	1889.484	2797.850	59582.32	4549.290	3264.801
#3	2002.296	2838.838	62952.73	4527.945	3304.422

Sample Name: I3296-09 Acquired: 5/30/2017 15:21:15 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v21) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MGA136D Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0771089	-.014248	.8598435	-.032669	.0058303	80.28056	1.523038
Stddev	.0047969	.000452	.0023119	.001108	.0009022	.43118	.009755
%RSD	6.220918	3.172950	.2688780	3.392353	15.47421	.5370953	.6404808

#1	.0807498	-.013950	.8624631	-.032921	.0061038	80.77562	1.534029
#2	.0789036	-.014768	.8580886	-.033629	.0065641	80.07889	1.515409
#3	.0716735	-.014026	.8589787	-.031456	.0048230	79.98717	1.519676

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0092666	.0121218	42.27287	.1490029	.1769768	.7376749	195.6579
Stddev	.0001330	.0000967	.11938	.0002022	.0009859	.0029835	.6219
%RSD	1.435433	.7975757	.2824063	.1357091	.5571017	.4044413	.3178564

#1	.0094113	.0120465	42.41018	.1490581	.1781144	.7410801	196.2645
#2	.0092390	.0122308	42.21478	.1491718	.1763704	.7364244	195.0217
#3	.0091496	.0120880	42.19364	.1487788	.1764455	.7355202	195.6873

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	11.52258	20.70865	.1447154	-.004356	1.018384	.3051655	.9123602
Stddev	.02397	.10735	.0009177	.000193	.078487	.0041818	.0038686
%RSD	.2080193	.5183969	.6341203	4.420891	7.707020	1.370334	.4240158

#1	11.55017	20.83027	.1450384	-.004442	1.105491	.3036542	.9164922
#2	11.51066	20.62709	.1436799	-.004136	.996498	.3098928	.9117643
#3	11.50691	20.66859	.1454279	-.004491	.953163	.3019494	.9088242

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	7.323184	2.981158	-.538349	.0032933	6.486147	14.76988	.0098920
Stddev	.050360	.015225	.002821	.0001066	.016682	.04800	.0015687
%RSD	.6876800	.5107058	.5239618	3.235764	.2571876	.3250142	15.85857

#1	7.381129	2.971073	-.540383	.0033072	6.491907	14.81575	.0082851
#2	7.289982	2.973730	-.535129	.0033923	6.499185	14.71999	.0099714
#3	7.298440	2.998672	-.539536	.0031805	6.467348	14.77390	.0114196

Sample Name: I3296-09 Acquired: 5/30/2017 15:21:15 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v21) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MGA136D Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.7711098	.0430035	.0699570
Stddev	.0032108	.0003462	.0004075
%RSD	.4163849	.8050149	.5824486

#1	.7736626	.0427933	.0704273
#2	.7721617	.0428142	.0697347
#3	.7675050	.0434031	.0697090

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1907.682	2822.835	59751.29	4564.521	3293.816
Stddev	12.857	17.498	149.96	15.997	15.175
%RSD	.6739348	.6198586	.2509778	.3504658	.4607128

#1	1892.946	2802.656	59588.83	4546.052	3276.296
#2	1913.492	2832.036	59884.42	4573.485	3302.283
#3	1916.608	2833.812	59780.63	4574.026	3302.868

Sample Name: I3296-10 Acquired: 5/30/2017 15:25:18 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v21) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MGA136S Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1425794	.1062488	.8911657	.0445923	.0607548	86.81846	5.238153
Stddev	.0046836	.0006218	.0024540	.0016905	.0021893	.45098	.023624
%RSD	3.284912	.5851941	.2753681	3.790914	3.603473	.5194493	.4510072

#1	.1407933	.1055973	.8919182	.0426407	.0608609	86.42986	5.225003
#2	.1390516	.1063132	.8884236	.0455999	.0585144	86.71254	5.224029
#3	.1478933	.1068358	.8931553	.0455362	.0628891	87.31296	5.265426

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0926616	.1054250	41.91854	.5229907	1.168003	3.757172	197.1169
Stddev	.0004908	.0003021	.24843	.0016349	.002929	.022427	1.3810
%RSD	.5297071	.2865430	.5926579	.3126089	.2507692	.5969221	.7006071

#1	.0923081	.1054124	41.69717	.5213439	1.166491	3.739180	195.7090
#2	.0924546	.1051295	41.87123	.5246134	1.166138	3.750037	197.1723
#3	.0932220	.1057332	42.18723	.5230147	1.171379	3.782299	198.4694

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	12.13880	20.28975	1.117458	.0363359	1.041510	1.229162	1.787574
Stddev	.08454	.12294	.001158	.0002691	.142949	.004790	.037969
%RSD	.6964479	.6059243	.1036028	.7406151	13.72517	.3896695	2.124059

#1	12.04755	20.15900	1.118737	.0364792	1.204232	1.232925	1.783809
#2	12.15439	20.30723	1.117156	.0360254	.984141	1.223770	1.827285
#3	12.21446	20.40301	1.116481	.0365029	.936158	1.230790	1.751627

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	7.565361	2.814770	-.538048	.0031766	6.386062	10.55870	.0095980
Stddev	.042856	.011882	.004565	.0003277	.016720	.04086	.0012332
%RSD	.5664805	.4221226	.8484744	10.31635	.2618184	.3869391	12.84868

#1	7.517751	2.819160	-.535473	.0034455	6.366799	10.54314	.0096961
#2	7.577478	2.801318	-.535352	.0032728	6.394583	10.52790	.0083187
#3	7.600854	2.823832	-.543319	.0028116	6.396806	10.60505	.0107792

Sample Name: I3296-10 Acquired: 5/30/2017 15:25:18 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v21) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MGA136S Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.7061238	.0433531	.0723060
Stddev	.0010705	.0004833	.0006165
%RSD	.1516040	1.114767	.8526379

#1	.7054420	.0428007	.0717544
#2	.7055718	.0435602	.0721923
#3	.7073576	.0436983	.0729715

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1894.543	2817.149	59952.34	4665.151	3299.240
Stddev	5.751	5.070	12.54	19.167	6.722
%RSD	.3035677	.1799764	.0209165	.4108472	.2037507

#1	1891.514	2814.805	59952.38	4679.226	3298.422
#2	1890.939	2822.967	59939.78	4672.905	3306.334
#3	1901.176	2813.675	59964.86	4643.323	3292.964

Sample Name: I3296-11 Acquired: 5/30/2017 15:33:23 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v21) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MGA137 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0858599	-.017219	.5246615	-.035858	.0065042	109.8007	1.957621
Stddev	.0024340	.001662	.0031493	.002797	.0009692	.2666	.006160
%RSD	2.834823	9.654967	.6002518	7.800616	14.90163	.2428304	.3146499

#1	.0831110	-.017372	.5279354	-.038059	.0063048	109.7280	1.960956
#2	.0877413	-.015485	.5216538	-.036804	.0056501	109.5779	1.950513
#3	.0867273	-.018799	.5243953	-.032711	.0075576	110.0961	1.961395

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0092273	.0117043	38.56268	.1587202	.2206262	.2395946	215.2953
Stddev	.0001005	.0000661	.18248	.0006645	.0001790	.0025705	.7830
%RSD	1.088704	.5648016	.4732079	.4186462	.0811496	1.072870	.3636729

#1	.0093417	.0116312	38.51458	.1583218	.2204479	.2386324	214.9897
#2	.0091531	.0117218	38.40906	.1594873	.2208060	.2425075	214.7112
#3	.0091872	.0117599	38.76439	.1583515	.2206247	.2376440	216.1850

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	17.58637	26.81013	.1642797	-.004694	1.163610	.3588689	.3756006
Stddev	.07961	.16752	.0004037	.000258	.135185	.0039090	.0072192
%RSD	.4526843	.6248334	.2457161	5.488372	11.61775	1.089258	1.922042

#1	17.53600	26.84538	.1638154	-.004704	1.042974	.3575434	.3789499
#2	17.54496	26.62778	.1645476	-.004946	1.309721	.3557949	.3805368
#3	17.67815	26.95721	.1644761	-.004431	1.138136	.3632683	.3673150

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	8.322376	4.181993	-.595455	.0053474	8.868922	11.35758	.0096833
Stddev	.032188	.013456	.002058	.0002192	.095871	.00961	.0008030
%RSD	.3867680	.3217549	.3455873	4.098436	1.080974	.0846173	8.292278

#1	8.350645	4.196304	-.597607	.0055996	8.903899	11.35764	.0097685
#2	8.287343	4.169598	-.593506	.0052394	8.760473	11.34793	.0104403
#3	8.329140	4.180079	-.595252	.0052033	8.942393	11.36716	.0088411

Sample Name: I3296-11 Acquired: 5/30/2017 15:33:23 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v21) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MGA137 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	1.002398	.0584780	.0841187
Stddev	.002562	.0009302	.0003089
%RSD	.2555911	1.590689	.3672154

#1	1.000170	.0579548	.0843389
#2	1.005198	.0579273	.0837656
#3	1.001827	.0595520	.0842515

Int. Std.	Y_ 2243	Y_ 2243	Y_ 3600	Y_ 3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1902.400	2808.224	59012.22	4492.846	3234.265
Stddev	8.646	4.689	192.09	10.928	8.346
%RSD	.4544603	.1669738	.3255019	.2432279	.2580484

#1	1894.923	2809.559	59205.54	4490.531	3231.633
#2	1911.867	2812.102	58821.39	4504.746	3243.609
#3	1900.409	2803.013	59009.73	4483.262	3227.552

Sample Name: I3296-12 Acquired: 5/30/2017 15:37:26 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v21) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MGA138 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0835651	-.020513	20.38119	-.043426	.0055814	84.85476	4.054181
Stddev	.0017022	.002961	.15919	.003052	.0005641	.18848	.003245
%RSD	2.037016	14.43352	.7810578	7.028216	10.10615	.2221160	.0800347

#1	.0855176	-.017980	20.24077	-.041974	.0052368	84.65558	4.057121
#2	.0823925	-.023768	20.34867	-.046933	.0062324	85.03030	4.054723
#3	.0827853	-.019792	20.55413	-.041371	.0052752	84.87841	4.050699

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0107058	.0765231	164.0387	.1432486	.2262428	.5029188	228.5256
Stddev	.0000525	.0003915	.4703	.0013132	.0010437	.0032777	.7964
%RSD	.4904294	.5116622	.2866711	.9166975	.4613025	.6517281	.3484810

#1	.0106549	.0762696	163.6413	.1418211	.2252354	.4992326	227.6134
#2	.0107026	.0763255	164.5579	.1444052	.2261736	.5040189	228.8813
#3	.0107598	.0769740	163.9169	.1435194	.2273193	.5055049	229.0821

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	16.72855	77.01300	.2218817	-.000055	1.367177	.3225229	3.268644
Stddev	.05896	.25250	.0018682	.000289	.092844	.0004521	.008853
%RSD	.3524371	.3278708	.8420025	526.1799	6.790898	.1401814	.2708334

#1	16.66671	76.72152	.2206498	-.000365	1.341105	.3222556	3.278785
#2	16.73484	77.15257	.2209639	.000208	1.470269	.3222682	3.262459
#3	16.78412	77.16491	.2240313	-.000008	1.290157	.3230449	3.264690

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	8.369363	6.270169	-.632960	.0034654	18.09235	11.35160	.0102647
Stddev	.032802	.043205	.002587	.0002466	.11967	.04214	.0003069
%RSD	.3919251	.6890629	.4087278	7.117067	.6614414	.3712574	2.989980

#1	8.338449	6.237990	-.630616	.0036439	17.99040	11.30294	.0104862
#2	8.365869	6.253242	-.632528	.0031840	18.06254	11.37630	.0103936
#3	8.403772	6.319275	-.635736	.0035684	18.22410	11.37556	.0099144

Sample Name: I3296-12 Acquired: 5/30/2017 15:37:26 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v21) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MGA138 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.7784186	.0499511	.0966186
Stddev	.0038697	.0010916	.0004316
%RSD	.4971195	2.185363	.4467037

#1	.7755026	.0490362	.0962103
#2	.7828087	.0511595	.0970702
#3	.7769446	.0496577	.0965753

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1906.665	2825.209	59704.45	4606.788	3069.945
Stddev	4.873	16.427	122.31	3.486	18.047
%RSD	.2555866	.5814484	.2048635	.0756692	.5878472

#1	1903.950	2831.795	59828.42	4606.262	3083.672
#2	1912.291	2837.320	59701.08	4610.507	3076.660
#3	1903.754	2806.510	59583.87	4603.595	3049.504

Sample Name: I3296-13 Acquired: 5/30/2017 15:41:24 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v21) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MGA139 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1577487	-.020011	5.565591	-.038055	.0054607	84.10280	3.896039
Stddev	.0012474	.002854	.031790	.002896	.0006664	.93075	.033583
%RSD	.7907467	14.26020	.5711852	7.611206	12.20350	1.106678	.8619770

#1	.1584467	-.023301	5.563704	-.035266	.0060953	84.70497	3.923276
#2	.1584908	-.018528	5.534787	-.037851	.0055204	84.57264	3.906326
#3	.1563085	-.018204	5.598283	-.041048	.0047665	83.03078	3.858516

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0105804	.0427070	172.3678	.1874077	.1551341	.3231108	193.8790
Stddev	.0000662	.0003779	2.5574	.0015351	.0013776	.0032542	2.8588
%RSD	.6257198	.8849432	1.483659	.8191472	.8880146	1.007151	1.474541

#1	.0106528	.0426282	173.5480	.1874518	.1549030	.3264473	195.2758
#2	.0105655	.0423747	174.1220	.1858510	.1538866	.3229393	195.7710
#3	.0105229	.0431181	169.4335	.1889203	.1566126	.3199456	190.5904

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	15.60876	79.88196	.2160247	-.001942	1.124487	.2957859	2.218272
Stddev	.21245	1.04314	.0014554	.000706	.144589	.0049455	.022008
%RSD	1.361102	1.305848	.6737103	36.35670	12.85820	1.671987	.9921176

#1	15.74502	80.33707	.2155313	-.001860	.986767	.2996513	2.238962
#2	15.71729	80.62022	.2148802	-.001281	1.275083	.2974934	2.220706
#3	15.36397	78.68860	.2176627	-.002686	1.111612	.2902129	2.195149

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	8.543113	6.497288	-.523614	.0035313	19.27895	12.92017	.0099031
Stddev	.112005	.045551	.006858	.0003362	.12013	.14191	.0010564
%RSD	1.311058	.7010710	1.309696	9.520501	.6231105	1.098393	10.66700

#1	8.633636	6.506494	-.529550	.0033275	19.32652	12.98974	.0107057
#2	8.577848	6.447837	-.525185	.0039193	19.14232	13.01387	.0087063
#3	8.417856	6.537532	-.516107	.0033470	19.36801	12.75689	.0102974

Sample Name: I3296-13 Acquired: 5/30/2017 15:41:24 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v21) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MGA139 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.8296904	.0497966	.1362843
Stddev	.0104895	.0009168	.0014108
%RSD	1.264262	1.841112	1.035158

#1	.8381422	.0506225	.1372384
#2	.8329782	.0499572	.1369507
#3	.8179509	.0488101	.1346638

Int. Std.	Y_ 2243	Y_ 2243	Y_ 3600	Y_ 3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1949.712	2902.862	61468.85	4789.287	3050.026
Stddev	11.796	10.820	274.37	59.991	14.693
%RSD	.6050311	.3727385	.4463486	1.252600	.4817271

#1	1936.913	2907.549	61242.08	4752.895	3050.430
#2	1952.075	2910.548	61773.83	4756.438	3064.513
#3	1960.148	2890.488	61390.63	4858.528	3035.136

Sample Name: I3296-14 Acquired: 5/30/2017 15:45:25 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v21) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MGA140 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0850665	-.026209	3.554022	-.046934	.0049358	79.72151
Stddev	.0017477	.002660	.014956	.001736	.0009507	.65451
%RSD	2.054509	10.14872	.4208066	3.698106	19.26170	.8209976

#1	.0845986	-.024125	3.548508	-.048613	.0043929	78.99933
#2	.0870006	-.025296	3.542606	-.045147	.0060336	79.88967
#3	.0836004	-.029204	3.570951	-.047042	.0043809	80.27554

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	11.82377	.0092623	.0439968	F 914.3759	.1419898	.1554576
Stddev	.05145	.0000723	.0003310	6.2752	.0009220	.0008074
%RSD	.4351158	.7809185	.7523110	.6862843	.6493374	.5193582

#1	11.77953	.0091986	.0437900	907.1883	.1422368	.1548733
#2	11.81156	.0092473	.0438218	918.7652	.1427630	.1551205
#3	11.88023	.0093409	.0443785	917.1741	.1409694	.1563789

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.3999100	210.6458	28.16640	236.4060	.2423452	-.002390
Stddev	.0045373	1.3916	.19824	1.8625	.0011685	.000292
%RSD	1.134583	.6606388	.7038108	.7878384	.4821461	12.21259

#1	.3977638	209.0434	27.93884	234.3440	.2414441	-.002137
#2	.3968439	211.3434	28.25868	236.9081	.2419261	-.002325
#3	.4051222	211.5506	28.30167	237.9660	.2436654	-.002710

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.721112	.2967209	2.215614	9.967030	13.79997	-.490289
Stddev	.086665	.0032389	.026763	.030013	.06162	.006094
%RSD	5.035395	1.091578	1.207937	.3011226	.4465054	1.243002

#1	1.818767	.3004188	2.185145	9.939645	13.74698	-.483329
#2	1.691218	.2943872	2.235322	9.962329	13.78534	-.494668
#3	1.653351	.2953566	2.226375	9.999116	13.86758	-.492870

Sample Name: I3296-14 Acquired: 5/30/2017 15:45:25 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v21) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MGA140 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0040190	21.29891	13.33445	.0073899	.7601389	.0637137
Stddev	.0003183	.15265	.10460	.0011082	.0028715	.0004389
%RSD	7.919626	.7167221	.7844046	14.99651	.3777623	.6888494

#1	.0041357	21.22050	13.21374	.0068492	.7579024	.0632788
#2	.0042624	21.20140	13.39147	.0086647	.7591371	.0641565
#3	.0036588	21.47483	13.39816	.0066559	.7633771	.0637059

Elem	Sr4077
Units	ppm
Avg	2.420083
Stddev	.015525
%RSD	.6415076

#1	2.402950
#2	2.424079
#3	2.433219

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1683.058	2500.272	53013.23	4290.469	2606.628
Stddev	10.913	8.773	276.95	31.819	13.567
%RSD	.6483785	.3508970	.5224088	.7416192	.5204649

#1	1679.280	2505.553	52981.34	4327.152	2616.186
#2	1674.537	2505.119	52753.61	4270.340	2612.597
#3	1695.358	2490.145	53304.74	4273.915	2591.100

Sample Name: I3296-15 Acquired: 5/30/2017 15:49:26 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v21) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MGA141 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0664543	-.015477	4.480644	-.033185	.0051015	68.27794	5.801095
Stddev	.0012091	.002060	.035340	.006330	.0017583	.16492	.004828
%RSD	1.819443	13.31181	.7887232	19.07381	34.46681	.2415451	.0832216

#1	.0657767	-.016098	4.492274	-.026477	.0059813	68.17709	5.798665
#2	.0657359	-.013178	4.440955	-.034028	.0030770	68.18846	5.806655
#3	.0678502	-.017156	4.508703	-.039052	.0062464	68.46826	5.797965

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0083853	.0323490	156.3350	.1264269	.1263175	.3211213	175.5381
Stddev	.0000980	.0002689	.6410	.0016353	.0005812	.0016174	1.0313
%RSD	1.168611	.8312559	.4099860	1.293445	.4600726	.5036793	.5874851

#1	.0084751	.0326165	156.0893	.1280355	.1266224	.3210222	174.4955
#2	.0082808	.0320787	155.8531	.1264791	.1256474	.3227860	175.5611
#3	.0084002	.0323519	157.0624	.1247662	.1266828	.3195557	176.5577

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	11.97962	60.02720	.1579615	-.001711	1.381731	.2469719	1.692113
Stddev	.03786	.56754	.0006834	.000429	.074662	.0019434	.017893
%RSD	.3160654	.9454790	.4326093	25.09172	5.403520	.7868930	1.057435

#1	11.94366	59.50871	.1586951	-.001902	1.375063	.2475063	1.695010
#2	11.97608	59.93935	.1573430	-.002012	1.459503	.2485922	1.708382
#3	12.01913	60.63355	.1578464	-.001219	1.310626	.2448172	1.672949

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	10.06113	7.443666	-.487550	.0026901	19.85529	9.630069	.0106038
Stddev	.06426	.061208	.005001	.0001461	.13622	.064049	.0008963
%RSD	.6387411	.8222879	1.025755	5.431705	.6860626	.6650911	8.452644

#1	9.99578	7.466785	-.484908	.0025240	19.86830	9.585237	.0105536
#2	10.06336	7.374266	-.484424	.0027474	19.71304	9.601545	.0097336
#3	10.12425	7.489948	-.493318	.0027988	19.98454	9.703424	.0115241

Sample Name: I3296-15 Acquired: 5/30/2017 15:49:26 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v21) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MGA141 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.6486040	.0444685	.1595424
Stddev	.0044561	.0005548	.0006114
%RSD	.6870321	1.247513	.3832421

#1	.6446411	.0440573	.1592036
#2	.6477432	.0442488	.1591755
#3	.6534277	.0450995	.1602483

Int. Std.	Y_ 2243	Y_ 2243	Y_ 3600	Y_ 3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1844.435	2758.914	58040.26	4497.130	3106.963
Stddev	9.608	16.272	420.06	28.001	22.240
%RSD	.5209212	.5897924	.7237461	.6226385	.7158052

#1	1840.071	2746.554	57798.70	4520.043	3093.951
#2	1837.784	2777.350	57796.78	4505.429	3132.643
#3	1855.451	2752.840	58525.31	4465.918	3094.296

Sample Name: I3296-16 Acquired: 5/30/2017 15:53:27 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v21) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MGA142 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0702371	-.013742	4.675565	-.028403	.0040186	66.64733	2.507461
Stddev	.0010368	.001528	.004242	.000981	.0011720	.08000	.004369
%RSD	1.476116	11.11791	.0907357	3.453449	29.16546	.1200361	.1742517

#1	.0705758	-.014295	4.677302	-.027623	.0039070	66.57139	2.507505
#2	.0710622	-.012015	4.678664	-.028083	.0029064	66.73085	2.503069
#3	.0690734	-.014917	4.670730	-.029504	.0052425	66.63976	2.511808

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0084517	.0478253	107.5028	.1498182	.1233044	.3414098	150.7303
Stddev	.0002127	.0001862	.1718	.0002715	.0001534	.0003479	.2577
%RSD	2.516271	.3893712	.1598488	.1812036	.1244066	.1019034	.1709850

#1	.0086222	.0479903	107.3177	.1501012	.1231311	.3417429	150.4332
#2	.0085195	.0478621	107.5336	.1495600	.1234230	.3414377	150.8931
#3	.0082134	.0476234	107.6572	.1497934	.1233589	.3410487	150.8647

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	13.09369	52.24319	.1429966	-.000930	1.017451	.2055632	2.137265
Stddev	.02963	.01995	.0009310	.000294	.050042	.0087983	.032904
%RSD	.2263106	.0381796	.6510558	31.63642	4.918399	4.280101	1.539558

#1	13.07770	52.23138	.1440294	-.000916	.983451	.2152171	2.175103
#2	13.07549	52.26622	.1427386	-.001230	1.074913	.2034770	2.115361
#3	13.12788	52.23197	.1422219	-.000642	.993988	.1979954	2.121332

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	7.717069	5.781591	-.420571	.0020146	11.56973	9.750849	.0069495
Stddev	.030634	.006541	.002694	.0003065	.02867	.017191	.0015937
%RSD	.3969656	.1131295	.6404884	15.21308	.2478125	.1763039	22.93229

#1	7.708184	5.778442	-.422387	.0017642	11.56681	9.770065	.0054278
#2	7.691859	5.777221	-.421849	.0019232	11.54262	9.736927	.0086065
#3	7.751163	5.789111	-.417476	.0023564	11.59975	9.745556	.0068141

Sample Name: I3296-16 Acquired: 5/30/2017 15:53:27 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v21) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MGA142 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.5811522	.0356301	.0718641
Stddev	.0006608	.0003507	.0000601
%RSD	.1137047	.9842365	.0836863

#1	.5803919	.0353559	.0719081
#2	.5814764	.0355092	.0718886
#3	.5815882	.0360252	.0717956

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1928.922	2880.025	60114.74	4658.404	3212.899
Stddev	7.354	4.288	219.61	6.415	.269
%RSD	.3812734	.1488832	.3653127	.1377041	.0083853

#1	1926.192	2876.453	59963.82	4652.060	3212.591
#2	1923.323	2884.780	60013.73	4658.264	3213.090
#3	1937.251	2878.843	60366.68	4664.887	3213.017

Sample Name: I3296-17 Acquired: 5/30/2017 15:57:27 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v21) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MGA143 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0771884	-.015605	2.638920	-.023261	.0040809	67.22363	2.218555
Stddev	.0020113	.000651	.008123	.003416	.0008163	.18808	.004536
%RSD	2.605739	4.170290	.3078228	14.68703	20.00267	.2797781	.2044760

#1	.0793939	-.016345	2.631063	-.026175	.0044790	67.41064	2.223726
#2	.0767157	-.015123	2.638412	-.024106	.0031419	67.22575	2.216696
#3	.0754555	-.015346	2.647286	-.019501	.0046217	67.03450	2.215244

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0085597	.0282801	59.18271	.2557969	.1631038	.2114401	170.2159
Stddev	.0000462	.0002138	.32702	.0014485	.0008705	.0019239	.7992
%RSD	.5400903	.7561196	.5525664	.5662761	.5337397	.9098948	.4695224

#1	.0085478	.0280395	59.53078	.2545137	.1623160	.2101047	171.0007
#2	.0086106	.0284485	59.13548	.2573676	.1629569	.2136453	170.2441
#3	.0085205	.0283523	58.88187	.2555095	.1640385	.2105703	169.4030

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	14.90029	21.51338	.1493911	-.001925	.8412348	.2658313	1.484970
Stddev	.07691	.07989	.0005189	.000666	.0863066	.0054116	.005340
%RSD	.5161839	.3713282	.3473205	34.56716	10.25952	2.035713	.3595945

#1	14.98735	21.51310	.1487937	-.002032	.9280715	.2692832	1.491131
#2	14.87200	21.59340	.1496503	-.002531	.8401648	.2686163	1.481669
#3	14.84153	21.43363	.1497294	-.001213	.7554682	.2595945	1.482110

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	7.977048	5.259363	-.457552	.0035460	13.55575	11.32070	.0093657
Stddev	.052578	.019071	.002808	.0004124	.05963	.06002	.0009144
%RSD	.6591128	.3626040	.6137126	11.62872	.4399007	.5301600	9.763282

#1	8.032543	5.264318	-.454372	.0037372	13.49513	11.33976	.0103005
#2	7.927978	5.238303	-.459690	.0030728	13.55777	11.36888	.0084732
#3	7.970622	5.275466	-.458594	.0038281	13.61434	11.25347	.0093234

Sample Name: I3296-17 Acquired: 5/30/2017 15:57:27 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v21) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MGA143 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.7138773	.0420643	.0865795
Stddev	.0011514	.0004560	.0001001
%RSD	.1612941	1.084084	.1156015

#1	.7148235	.0420899	.0866820
#2	.7142130	.0425070	.0865744
#3	.7125952	.0415960	.0864820

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1875.344	2776.720	59149.25	4503.674	3270.965
Stddev	5.022	.902	68.34	9.734	6.226
%RSD	.2677751	.0324922	.1155338	.2161417	.1903533

#1	1881.015	2775.737	59203.97	4495.860	3276.188
#2	1873.555	2777.510	59072.65	4500.584	3272.632
#3	1871.462	2776.913	59171.12	4514.578	3264.075

Sample Name: CCV042 Acquired: 5/30/2017 16:01:27 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v21) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: CCV042 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.884038	4.761965	24.05217	4.798320	4.896546	397.4288
Stddev	.078146	.050801	.22437	.061449	.059518	1.3027
%RSD	1.600025	1.066800	.9328364	1.280625	1.215511	.3277911

#1	4.955415	4.805919	24.23566	4.847657	4.947407	397.6254
#2	4.800540	4.706347	23.80203	4.729489	4.831087	396.0390
#3	4.896160	4.773628	24.11881	4.817814	4.911143	398.6221

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	10.09436	.5050356	2.478719	403.7693	15.21869	2.473406
Stddev	.02085	.0019564	.022049	2.5426	.05019	.021831
%RSD	.2065243	.3873788	.8895317	.6297158	.3297591	.8826400

#1	10.07877	.5058481	2.494206	404.1237	15.23933	2.490738
#2	10.08627	.5028039	2.453475	401.0681	15.25527	2.448887
#3	10.11804	.5064549	2.488477	406.1162	15.16148	2.480592

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	15.04402	407.2804	14.81724	404.7795	2.471068	1.279566
Stddev	.04418	2.5241	.11131	3.0885	.025578	.001674
%RSD	.2936424	.6197398	.7512398	.7630147	1.035114	.1308474

#1	15.07459	406.9728	14.83129	404.0423	2.489371	1.280344
#2	14.99337	404.9243	14.69957	402.1262	2.441841	1.280709
#3	15.06409	409.9442	14.92086	408.1699	2.481990	1.277644

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	402.3330	2.460193	14.38086	153.4370	5.047524	F 4.148039
Stddev	2.0264	.019114	.07424	.4875	.058572	.011744
%RSD	.5036736	.7769223	.5162208	.3177031	1.160415	.2831221

#1	401.0126	2.438812	14.36328	153.8210	5.078497	4.146403
#2	401.3202	2.466145	14.46231	152.8886	4.979968	4.137199
#3	404.6662	2.475623	14.31699	153.6012	5.084106	4.160516

Sample Name: CCV042 Acquired: 5/30/2017 16:01:27 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v21) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: CCV042 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.873911	4.898637	4.972305	4.930468	4.961586	5.052116
Stddev	.054434	.090066	.024471	.039132	.009074	.008544
%RSD	1.116850	1.838588	.4921437	.7936856	.1828921	.1691127

#1	4.916126	4.972533	4.975145	4.947386	4.959363	5.052806
#2	4.812474	4.798314	4.946538	4.885723	4.953830	5.043249
#3	4.893133	4.925062	4.995232	4.958295	4.971566	5.060294

Elem	Sr4077
Units	ppm
Avg	5.046328
Stddev	.015138
%RSD	.2999761

#1	5.050656
#2	5.029497
#3	5.058830

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1438.314	2169.904	45691.06	3626.365	2498.193
Stddev	3.649	24.838	27.28	18.725	24.241
%RSD	.2536721	1.144649	.0597122	.5163553	.9703427

#1	1442.240	2146.195	45702.70	3623.749	2477.382
#2	1437.674	2195.735	45659.89	3646.261	2524.810
#3	1435.028	2167.782	45710.60	3609.086	2492.388

Sample Name: CCB042 Acquired: 5/30/2017 16:05:15 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v21) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: CCB042 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0011533	-.001760	.0010211	.0002105	.0013969	.0119344	.0012329
Stddev	.0024727	.000852	.0010710	.0022057	.0007037	.0105568	.0002791
%RSD	214.4122	48.41070	104.8899	1047.967	50.37747	88.45676	22.64055

#1	-.001687	-.001298	-.000094	-.002301	.0006189	.0180788	.0012598
#2	.002317	-.002743	.002042	.001834	.0019890	.0179797	.0009413
#3	.002829	-.001238	.001115	.001098	.0015828	-.000255	.0014977

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000002	.0001186	.0101427	.0004733	.0001821	.0014897	.0057082
Stddev	.000066	.0000501	.0046191	.0002603	.0002885	.0016284	.0103768
%RSD	2826.156	42.28146	45.54151	54.98652	158.4046	109.3114	181.7860

#1	.000060	.0000654	.0137149	.0006086	-.000147	.0028948	.0104055
#2	.000005	.0001255	.0117867	.0006381	.000300	.0018694	-.006187
#3	-.000072	.0001649	.0049264	.0001733	.000393	-.000295	.012906

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000313	.0274434	-.000093	-.000242	.1452487	-.001121	-.007574
Stddev	.000380	.0258365	.000118	.000296	.0790992	.004510	.005450
%RSD	121.2425	94.14460	126.3566	122.3115	54.45779	402.2618	71.96051

#1	-.000126	.0225334	-.000006	-.000488	.2171363	.002763	-.011213
#2	-.000064	.0044142	-.000047	-.000324	.1580984	-.000059	-.010202
#3	-.000750	.0553826	-.000227	.000086	.0605113	-.006067	-.001308

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.035073	.0031369	.0020927	.0003203	-.040583	-.000903	-.000408
Stddev	.024079	.0019905	.0007976	.0002030	.015897	.000828	.000907
%RSD	68.65358	63.45319	38.11481	63.38569	39.17085	91.59918	222.5026

#1	-.032185	.0023311	.0015393	.0005547	-.057726	-.001604	-.000337
#2	-.060466	.0054040	.0030069	.0002093	-.026328	.000010	-.001348
#3	-.012569	.0016757	.0017318	.0001970	-.037696	-.001116	.000462

Sample Name: CCB042 Acquired: 5/30/2017 16:05:15 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v21) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: CCB042 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.0001353	-.000531	.0001943
Stddev	.0011793	.000284	.0000838
%RSD	871.3482	53.36253	43.13195

#1	-.000567	-.000848	.0002639
#2	-.000524	-.000445	.0001013
#3	.001497	-.000301	.0002175

Int. Std.	Y_ 2243	Y_ 2243	Y_ 3600	Y_ 3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1784.362	2627.149	54887.44	3979.393	3784.807
Stddev	3.745	60.066	222.05	6.786	90.764
%RSD	.2098781	2.286354	.4045561	.1705172	2.398126

#1	1784.200	2693.684	54767.59	3986.786	3887.656
#2	1788.185	2610.842	55143.67	3973.448	3750.836
#3	1780.700	2576.920	54751.08	3977.946	3715.927

Sample Name: I3296-18 Acquired: 5/30/2017 16:09:24 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v21) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MGA144 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0799556	-.018337	8.050396	-.041391	.0057910	71.97340	1.866590
Stddev	.0013527	.002615	.048870	.001821	.0015072	.25705	.006374
%RSD	1.691780	14.26096	.6070528	4.400536	26.02727	.3571447	.3414880

#1	.0809409	-.015481	8.100039	-.039849	.0041446	71.67891	1.859272
#2	.0784134	-.020615	8.002337	-.043401	.0061256	72.15271	1.870934
#3	.0805125	-.018913	8.048814	-.040923	.0071028	72.08859	1.869564

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0093114	.0790517	246.7496	.1395912	.2039571	.4494671	208.3852
Stddev	.0000484	.0007398	1.8474	.0008911	.0013461	.0047674	1.0970
%RSD	.5194362	.9358997	.7487110	.6383931	.6599995	1.060682	.5264307

#1	.0092560	.0798470	244.7484	.1392408	.2053979	.4441862	207.1327
#2	.0093336	.0783839	248.3900	.1389285	.2027316	.4507611	209.1756
#3	.0093448	.0789243	247.1106	.1406043	.2037419	.4534539	208.8472

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	19.11420	96.68037	.1991398	.0012326	1.265470	.2898621	3.889085
Stddev	.09888	.25359	.0013859	.0002796	.079834	.0052057	.045340
%RSD	.5173098	.2622957	.6959643	22.68690	6.308633	1.795919	1.165839

#1	19.00809	96.38930	.2003712	.0011609	1.256815	.2935590	3.894203
#2	19.20377	96.79829	.1976389	.0009958	1.190316	.2921184	3.841403
#3	19.13074	96.85354	.1994092	.0015412	1.349278	.2839089	3.931649

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	7.707596	8.105011	-.570235	.0028574	17.84218	15.21799	.0103218
Stddev	.012451	.070607	.002487	.0003156	.13433	.08620	.0002076
%RSD	.1615444	.8711553	.4361280	11.04564	.7528997	.5664216	2.011135

#1	7.693265	8.154904	-.567550	.0025089	17.95901	15.11877	.0101795
#2	7.715756	8.024222	-.572460	.0031239	17.69540	15.26082	.0105600
#3	7.713767	8.135907	-.570694	.0029395	17.87213	15.27439	.0102260

Sample Name: I3296-18 Acquired: 5/30/2017 16:09:24 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v21) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MGA144 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.7235111	.0440773	.1633471
Stddev	.0033606	.0013989	.0003407
%RSD	.4644878	3.173725	.2085783

#1	.7197972	.0424734	.1629537
#2	.7243942	.0450453	.1635423
#3	.7263420	.0447131	.1635453

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1857.321	2742.523	58695.69	4562.635	3018.879
Stddev	12.650	16.833	172.65	21.517	18.806
%RSD	.6810923	.6137730	.2941475	.4715999	.6229615

#1	1853.627	2724.451	58647.29	4587.480	2999.548
#2	1871.406	2757.755	58887.38	4550.360	3037.113
#3	1846.929	2745.363	58552.40	4550.063	3019.976

Sample Name: I3296-19 Acquired: 5/30/2017 16:13:22 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v21) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MGA145 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0957173	-.028182	17.40992	-.046577	.0060941	87.72513	2.852992
Stddev	.0023075	.004337	.18685	.002455	.0023407	.59408	.019334
%RSD	2.410732	15.38863	1.073235	5.270391	38.40981	.6772064	.6776859

#1	.0983396	-.023204	17.28191	-.043748	.0064568	87.28784	2.841896
#2	.0939971	-.031142	17.32351	-.048136	.0082322	88.40151	2.875317
#3	.0948153	-.030199	17.62433	-.047848	.0035931	87.48606	2.841762

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0105408	.0667926	189.4381	.1483725	.2840667	.8111076	245.6629
Stddev	.0002176	.0006329	1.4643	.0003764	.0025569	.0070937	1.9311
%RSD	2.064349	.9476181	.7729862	.2536796	.9001059	.8745639	.7860760

#1	.0106653	.0664330	188.3142	.1485360	.2822789	.8070854	244.4231
#2	.0106677	.0664214	191.0941	.1486396	.2829257	.8192983	247.8879
#3	.0102896	.0675234	188.9060	.1479421	.2869954	.8069393	244.6777

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	20.38179	89.50723	.2702796	-.001286	1.454653	.2935814	6.239998
Stddev	.19033	.68420	.0028524	.000283	.116868	.0012673	.028002
%RSD	.9338313	.7644039	1.055350	21.98620	8.034084	.4316538	.4487477

#1	20.26607	89.02189	.2684736	-.001611	1.390924	.2935601	6.266220
#2	20.60146	90.28977	.2687972	-.001095	1.589533	.2948592	6.243269
#3	20.27784	89.21002	.2735680	-.001152	1.383503	.2923250	6.210504

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	9.538757	8.733001	-.693534	.0053149	19.83826	9.979205	.0240221
Stddev	.090655	.070343	.007659	.0003427	.13810	.090168	.0021743
%RSD	.9503902	.8054865	1.104301	6.447679	.6961337	.9035569	9.051126

#1	9.503341	8.667880	-.689973	.0055960	19.73829	9.945196	.0215632
#2	9.641774	8.723517	-.702325	.0049332	19.78066	10.08143	.0256905
#3	9.471156	8.807604	-.688304	.0054156	19.99584	9.91099	.0248126

Sample Name: I3296-19 Acquired: 5/30/2017 16:13:22 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v21) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MGA145 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.5468131	.0535891	.1310548
Stddev	.0029480	.0000293	.0013422
%RSD	.5391219	.0546546	1.024147

#1	.5444775	.0536155	.1301893
#2	.5501255	.0535576	.1326009
#3	.5458364	.0535942	.1303741

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1880.938	2776.968	58978.60	4619.618	2986.978
Stddev	10.235	12.176	264.09	37.916	18.467
%RSD	.5441277	.4384605	.4477697	.8207584	.6182625

#1	1882.171	2772.053	59142.49	4635.273	2991.541
#2	1870.142	2790.833	58673.95	4576.381	3002.736
#3	1890.500	2768.018	59119.36	4647.199	2966.657

Sample Name: I3296-20 Acquired: 5/30/2017 16:17:20 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v21) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MGA146 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0762739	-.023492	12.22153	-.040290	.0048927	73.36755	5.063180
Stddev	.0021233	.003070	.04312	.002000	.0009174	.08853	.011305
%RSD	2.783743	13.07021	.3528003	4.964157	18.75015	.1206633	.2232883

#1	.0787005	-.026971	12.19814	-.038543	.0058969	73.39863	5.050295
#2	.0747576	-.022343	12.19516	-.039854	.0040985	73.43635	5.067812
#3	.0753634	-.021161	12.27129	-.042472	.0046828	73.26768	5.071434

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0096631	.0918585	328.6538	.1128551	.2144649	.5446051	212.3317
Stddev	.0000481	.0001705	.4358	.0006409	.0013196	.0014826	.2052
%RSD	.4974981	.1856032	.1325963	.5679224	.6153091	.2722353	.0966433

#1	.0097104	.0918082	329.1313	.1135897	.2140211	.5428997	212.5620
#2	.0096646	.0917189	328.5525	.1124100	.2134244	.5453284	212.2651
#3	.0096142	.0920485	328.2776	.1125657	.2159492	.5455872	212.1681

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	18.46902	156.9093	.2342449	.0037399	1.413021	.2395162	4.660278
Stddev	.03401	.1037	.0009266	.0004456	.079716	.0028151	.042080
%RSD	.1841271	.0661033	.3955591	11.91572	5.641558	1.175321	.9029445

#1	18.50800	157.0263	.2331841	.0041309	1.413633	.2362660	4.621923
#2	18.44544	156.8735	.2348965	.0032547	1.333001	.2410963	4.705289
#3	18.45361	156.8283	.2346540	.0038340	1.492430	.2411862	4.653621

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	7.810365	6.767136	-.589850	.0022838	19.24639	11.19813	.0268366
Stddev	.035309	.048533	.002684	.0007470	.13497	.03382	.0016530
%RSD	.4520756	.7171847	.4549605	32.70728	.7012742	.3020068	6.159356

#1	7.829812	6.733185	-.592833	.0030033	19.12961	11.23684	.0286039
#2	7.831676	6.745499	-.587633	.0023361	19.21539	11.17435	.0253286
#3	7.769608	6.822725	-.589082	.0015121	19.39416	11.18319	.0265772

Sample Name: I3296-20 Acquired: 5/30/2017 16:17:20 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v21) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MGA146 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.6179441	.0484825	.1860318
Stddev	.0052253	.0003100	.0003384
%RSD	.8455937	.6394904	.1818941

#1	.6191846	.0487229	.1861355
#2	.6224376	.0481325	.1863062
#3	.6122102	.0485920	.1856537

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1789.682	2666.208	56718.08	4367.851	2901.306
Stddev	8.635	11.071	357.33	15.092	7.409
%RSD	.4824938	.4152451	.6300027	.3455251	.2553811

#1	1780.401	2662.148	56414.64	4352.721	2900.266
#2	1791.167	2678.736	56627.67	4367.928	2909.180
#3	1797.479	2657.740	57111.92	4382.904	2894.471

Sample Name: I3296-21 Acquired: 5/30/2017 16:21:19 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v21) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MGA147 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0600007	-.032702	8.312965	-.058711	.0064955	53.78358
Stddev	.0029417	.001498	.062230	.003721	.0018596	.35853
%RSD	4.902756	4.580448	.7485865	6.338478	28.62918	.6666145

#1	.0632346	-.032788	8.277061	-.056097	.0082568	53.41078
#2	.0592837	-.031163	8.277013	-.057065	.0045511	54.12588
#3	.0574838	-.034155	8.384822	-.062972	.0066787	53.81409

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.262028	.0083629	.0483144	F 891.3450	.0711902	.1827827
Stddev	.016334	.0001636	.0005127	5.8980	.0006306	.0011303
%RSD	.7221040	1.956525	1.061147	.6616943	.8858494	.6183596

#1	2.243652	.0083231	.0478433	885.8586	.0719171	.1819212
#2	2.267533	.0085428	.0482395	897.5826	.0707893	.1823646
#3	2.274898	.0082229	.0488604	890.5939	.0708641	.1840625

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.8284479	256.7189	23.22466	433.1062	.1900609	-.003105
Stddev	.0053786	1.7433	.17453	2.5530	.0011763	.000534
%RSD	.6492336	.6790525	.7515000	.5894534	.6189239	17.20985

#1	.8223894	254.7867	23.04604	430.5498	.1897339	-.002528
#2	.8302940	258.1736	23.39480	435.6557	.1890826	-.003206
#3	.8326603	257.1965	23.23314	433.1132	.1913661	-.003582

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.935758	.1622288	2.314516	9.776222	7.979465	-.724051
Stddev	.112974	.0040738	.037201	.096324	.043086	.003086
%RSD	5.836166	2.511163	1.607286	.9852863	.5399619	.4261765

#1	1.851511	.1653010	2.349452	9.667850	7.959662	-.721628
#2	2.064136	.1637778	2.275403	9.808728	7.949840	-.722999
#3	1.891626	.1576077	2.318692	9.852087	8.028892	-.727525

Sample Name: I3296-21 Acquired: 5/30/2017 16:21:19 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v21) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MGA147 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0025002	35.50843	12.12011	.0389774	.5070556	.0535276
Stddev	.0000558	.21372	.06379	.0020701	.0012259	.0002016
%RSD	2.233416	.6018869	.5263358	5.310953	.2417633	.3765518

#1	.0024393	35.38773	12.05256	.0391474	.5059850	.0534098
#2	.0025491	35.38236	12.17933	.0368276	.5083928	.0537603
#3	.0025121	35.75519	12.12842	.0409572	.5067889	.0534126

Elem	Sr4077
Units	ppm
Avg	.2680991
Stddev	.0019031
%RSD	.7098606

#1	.2659037
#2	.2692795
#3	.2691142

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1562.054	2351.731	50210.22	4058.127	2588.860
Stddev	8.204	2.985	225.66	14.465	10.667
%RSD	.5252000	.1269307	.4494267	.3564548	.4120502

#1	1571.286	2353.050	50470.70	4073.627	2594.050
#2	1559.275	2353.830	50074.02	4044.986	2595.939
#3	1555.600	2348.314	50085.95	4055.768	2576.590

Sample Name: I3296-22 Acquired: 5/30/2017 16:25:20 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v21) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MGA148 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0531884	-.022986	13.13962	-.042959	.0045032	63.92181	2.887117
Stddev	.0025695	.002488	.04170	.005663	.0015269	.25663	.017852
%RSD	4.830894	10.82440	.3173570	13.18221	33.90610	.4014779	.6183221

#1	.0545206	-.021848	13.09731	-.039412	.0055978	63.88213	2.892470
#2	.0502264	-.021270	13.14087	-.049490	.0027590	63.68733	2.867201
#3	.0548181	-.025839	13.18068	-.039975	.0051529	64.19597	2.901680

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0084083	.0616695	309.6782	.1216407	.2212643	.7727667	203.5715
Stddev	.0001582	.0003269	1.0599	.0002965	.0007189	.0038349	.5928
%RSD	1.881612	.5300676	.3422643	.2437489	.3248920	.4962580	.2912004

#1	.0082476	.0613843	308.7506	.1212984	.2215004	.7695121	203.3922
#2	.0085639	.0615980	309.4506	.1218130	.2204571	.7717937	203.0891
#3	.0084132	.0620262	310.8334	.1218108	.2218354	.7769944	204.2333

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	12.21760	149.3888	.2323039	-.001391	1.414283	.2058571	3.446448
Stddev	.03677	.7980	.0006530	.000482	.085962	.0071777	.028359
%RSD	.3009903	.5341512	.2810831	34.63678	6.078127	3.486720	.8228369

#1	12.20114	148.5970	.2317381	-.001240	1.462852	.2139945	3.421477
#2	12.19194	149.3767	.2321553	-.001930	1.464967	.2031506	3.440589
#3	12.25973	150.1928	.2330184	-.001003	1.315030	.2004262	3.477279

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	10.71633	6.025335	-.545393	.0025416	18.90769	12.28517	.0139951
Stddev	.07993	.018912	.000943	.0003361	.06066	.03446	.0008366
%RSD	.7459092	.3138796	.1728236	13.22374	.3208448	.2805102	5.977935

#1	10.70636	6.011665	-.544670	.0023526	18.92659	12.27202	.0139380
#2	10.64185	6.017422	-.546459	.0029297	18.83983	12.32428	.0131885
#3	10.80078	6.046919	-.545050	.0023426	18.95666	12.25923	.0148588

Sample Name: I3296-22 Acquired: 5/30/2017 16:25:20 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v21) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MGA148 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.4467044	.0400517	.1600734
Stddev	.0019036	.0009696	.0009011
%RSD	.4261413	2.420968	.5628992

#1	.4456679	.0411115	.1598220
#2	.4455440	.0392090	.1593248
#3	.4489013	.0398347	.1610735

Int. Std.	Y_ 2243	Y_ 2243	Y_ 3600	Y_ 3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1746.797	2602.454	55484.83	4376.569	2921.571
Stddev	8.705	3.876	65.83	9.038	4.160
%RSD	.4983450	.1489267	.1186499	.2065153	.1423720

#1	1750.224	2601.951	55424.05	4386.556	2919.322
#2	1753.267	2606.557	55554.76	4368.951	2926.371
#3	1736.900	2598.854	55475.69	4374.202	2919.021

Sample Name: I3296-23 Acquired: 5/30/2017 16:29:21 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v21) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MGA149 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.8518429	.0399104	.4036975	.1596889	.5577633	18.90524	.0616183
Stddev	.0072923	.0013087	.0026019	.0047170	.0025652	.05869	.0005422
%RSD	.8560612	3.279139	.6445283	2.953888	.4599123	.3104649	.8800204

#1	.8600488	.0410838	.4059139	.1646534	.5601861	18.95798	.0610479
#2	.8461042	.0401485	.4043460	.1552661	.5550762	18.91574	.0616799
#3	.8493758	.0384990	.4008326	.1591471	.5580277	18.84201	.0621271

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.2742974	.1830504	9.990232	.0305309	.3419549	.3114023	43.50256
Stddev	.0012664	.0008869	.015343	.0004551	.0015993	.0031041	.08059
%RSD	.4616736	.4845394	.1535839	1.490622	.4676999	.9968066	.1852475

#1	.2729487	.1839182	10.00451	.0309615	.3434897	.3095151	43.56821
#2	.2744825	.1821455	9.99218	.0300547	.3402980	.3149849	43.41262
#3	.2754610	.1830874	9.97401	.0305765	.3420770	.3097069	43.52684

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.4190860	65.91943	.3819994	.0806732	43.59637	1.476553	.0517866
Stddev	.0016556	.09667	.0010459	.0001697	.09463	.009783	.0072868
%RSD	.3950448	.1466463	.2738101	.2103585	.2170485	.6625237	14.07087

#1	.4182420	66.00940	.3830953	.0808563	43.52560	1.486728	.0570575
#2	.4209935	65.93167	.3818910	.0806420	43.55966	1.467217	.0434713
#3	.4180225	65.81723	.3810118	.0805212	43.70385	1.475715	.0548311

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.239805	.1243831	-.057648	.0037221	3.470153	5.827479	.0027755
Stddev	.035819	.0017380	.000965	.0003292	.015985	.009584	.0012591
%RSD	1.599199	1.397289	1.673147	8.844788	.4606521	.1644574	45.36490

#1	2.278650	.1263582	-.056600	.0034089	3.486630	5.826826	.0013715
#2	2.208082	.1230878	-.057847	.0040653	3.454710	5.818239	.0038044
#3	2.232683	.1237033	-.058498	.0036921	3.469118	5.837373	.0031507

Sample Name: I3296-23 Acquired: 5/30/2017 16:29:21 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v21) Mode: CONC Corr. Factor: 1.000000
 User: JASWAL Custom ID1: MGA149 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.5917917	.0055635	.0232815
Stddev	.0015584	.0013313	.0000534
%RSD	.2633400	23.92956	.2292312

#1	.5922694	.0069549	.0233059
#2	.5930553	.0043018	.0233184
#3	.5900503	.0054337	.0232203

Int. Std.	Y_ 2243	Y_ 2243	Y_ 3600	Y_ 3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1739.794	2567.505	53685.79	4027.884	3337.879
Stddev	7.061	14.651	202.91	8.005	18.056
%RSD	.4058678	.5706410	.3779500	.1987366	.5409343

#1	1736.150	2553.226	53569.03	4023.547	3317.874
#2	1735.299	2582.502	53568.27	4022.983	3352.967
#3	1747.932	2566.788	53920.09	4037.122	3342.796

Sample Name: PB99235BL Acquired: 5/30/2017 16:33:24 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v21) 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	-.000031	-.000780	.0004496	-.002242	.0010714	-.002466	.0005553
Stddev	.002217	.000565	.0006478	.001841	.0014003	.003493	.0009134
%RSD	7089.965	72.43463	144.0668	82.12067	130.6957	141.6375	164.4754

#1	.000636	-.000545	.0004989	-.000968	-.000543	-.006196	-.000461
#2	-.002506	-.000370	.0010713	-.004352	.001808	-.001930	.001307
#3	.001776	-.001424	-.000221	-.001405	.001949	.000728	.000820

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0000339	.0000362	.0021967	-.000120	.0001096	.0010120	.0218500
Stddev	.0000349	.0000319	.0138472	.000128	.0000989	.0026674	.0112227
%RSD	102.8180	88.13650	630.3644	107.2720	90.26901	263.5816	51.36224

#1	.0000019	.0000704	.0136461	.000028	.0000872	-.001407	.0092661
#2	.0000711	.0000073	.0061379	-.000179	.0002177	.003873	.0254621
#3	.0000287	.0000309	-.013194	-.000207	.0000237	.000570	.0308218

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000523	-.020735	-.000117	.0001531	.0599691	.0021375	-.002057
Stddev	.000180	.038622	.000036	.0001200	.1693799	.0006360	.010224
%RSD	34.45128	186.2647	30.58723	78.41451	282.4454	29.75452	496.9322

#1	-.000656	-.060458	-.000094	.0002646	-.133735	.0028543	-.002930
#2	-.000595	-.018428	-.000158	.0000261	.133401	.0016408	.008575
#3	-.000318	.016682	-.000099	.0001685	.180241	.0019173	-.011816

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.069214	.0018125	-.004817	-.000060	-.054696	-.000787	.0000121
Stddev	.021147	.0016735	.000113	.000115	.010079	.000954	.0001922
%RSD	30.55379	92.33192	2.335691	189.7664	18.42681	121.2236	1593.751

#1	-.074684	.0019110	-.004813	-.000191	-.065056	-.001833	-.000083
#2	-.045869	.0034347	-.004706	-.000012	-.044925	-.000562	.000233
#3	-.087089	.0000919	-.004931	.000022	-.054108	.000035	-.000114

Sample Name: PB99235BL Acquired: 5/30/2017 16:33:24 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v21) 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	.0011456	-.001929	-.000009
Stddev	.0008279	.000384	.000009
%RSD	72.26858	19.88625	99.43538

#1	.0014187	-.002022	-.000009
#2	.0002157	-.001507	-.000000
#3	.0018025	-.002257	-.000019

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1768.712	2628.771	54370.16	3908.687	3785.006
Stddev	6.767	5.256	157.71	3.294	6.617
%RSD	.3825975	.1999579	.2900612	.0842721	.1748128

#1	1763.407	2624.750	54188.57	3912.286	3780.659
#2	1766.396	2634.719	54472.82	3905.822	3792.621
#3	1776.333	2626.843	54449.08	3907.953	3781.738

Sample Name: PB99235BS Acquired: 5/30/2017 16:37:36 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v21) 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	.0170137	.0508614	.0200470	.0665162	.1174063	.3988055
Stddev	.0012917	.0023264	.0009325	.0023679	.0018212	.0042858
%RSD	7.592374	4.573900	4.651530	3.559828	1.551224	1.074650

#1	.0163938	.0492155	.0199581	.0667807	.1174672	.4034777
#2	.0184986	.0535228	.0210207	.0687408	.1155554	.3978822
#3	.0161488	.0498458	.0191621	.0640272	.1191963	.3950567

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.4114847	.0100892	.0096011	10.23882	.0236452	.0941906
Stddev	.0003821	.0001470	.0001003	.05401	.0010850	.0007521
%RSD	.0928573	1.456912	1.044935	.5274958	4.588630	.7984780

#1	.4110439	.0099338	.0094871	10.19605	.0248646	.0935302
#2	.4117220	.0101078	.0096398	10.22089	.0227864	.0950092
#3	.4116881	.0102260	.0096763	10.29951	.0232846	.0940325

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0550951	.2585749	.0325003	9.570587	.0773139	.0192594
Stddev	.0017412	.0103069	.0008383	.150629	.0004914	.0004367
%RSD	3.160402	3.986046	2.579410	1.573878	.6355776	2.267667

#1	.0532637	.2652736	.0333663	9.418063	.0768906	.0187858
#2	.0552923	.2467062	.0316927	9.574450	.0778528	.0196462
#3	.0567294	.2637447	.0324421	9.719247	.0771983	.0193462

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	10.05668	.1121275	.1190724	9.068261	F .0312598	F .0172946
Stddev	.07266	.0010337	.0112539	.069523	.0024995	.0004564
%RSD	.7224761	.9219044	9.451273	.7666613	7.995887	2.638885

#1	10.12057	.1125627	.1234737	8.993330	.0341239	.0175759
#2	9.97765	.1109473	.1274605	9.080776	.0301369	.0167680
#3	10.07183	.1128724	.1062831	9.130676	.0295188	.0175399

Sample Name: PB99235BS Acquired: 5/30/2017 16:37:36 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v21) 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	.0230150	.4970194	.1935774	F .0149910	.2086224	.0945489
Stddev	.0005366	.0151949	.0007638	.0000873	.0006590	.0013065
%RSD	2.331745	3.057210	.3945436	.5820031	.3158849	1.381857

#1	.0223980	.4970125	.1939464	.0149927	.2079007	.0931981
#2	.0233731	.4818279	.1940865	.0149029	.2087746	.0946425
#3	.0232739	.5122177	.1926992	.0150773	.2091921	.0958062

Elem	Sr4077
Units	ppm
Avg	.2122017
Stddev	.0001869
%RSD	.0880665

#1	.2122626
#2	.2119920
#3	.2123505

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1729.945	2553.325	54144.84	3980.651	3612.268
Stddev	2.307	14.266	124.52	10.035	25.268
%RSD	.1333611	.5587107	.2299668	.2520922	.6995060

#1	1732.596	2562.348	54207.50	3991.445	3629.908
#2	1728.389	2536.878	54001.45	3971.605	3583.321
#3	1728.851	2560.749	54225.59	3978.904	3623.575

Sample Name: I3295-01 Acquired: 5/30/2017 16:41:45 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v21) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MGA109 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1353368	-.015565	4.811219	-.034207	.0539951	70.56688	2.117021
Stddev	.0022367	.000895	.002123	.004675	.0022034	2.53278	.073589
%RSD	1.652717	5.747628	.0441264	13.66707	4.080764	3.589190	3.476078

#1	.1369458	-.014534	4.813616	-.030898	.0547579	73.29252	2.198103
#2	.1327826	-.016136	4.809576	-.032168	.0515116	68.28584	2.054464
#3	.1362819	-.016024	4.810465	-.039556	.0557158	70.12227	2.098497

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0089602	.0382874	32.03122	.1997504	.1642455	.3070291	200.6388
Stddev	.0003190	.0002288	1.12578	.0006807	.0005341	.0103987	7.2934
%RSD	3.559806	.5974978	3.514629	.3407890	.3251689	3.386870	3.635093

#1	.0092730	.0381402	33.15760	.1991186	.1643881	.3174799	208.2483
#2	.0086354	.0381710	30.90604	.1996613	.1636546	.2966834	193.7091
#3	.0089723	.0385509	32.03003	.2004713	.1646938	.3069238	199.9588

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	20.69002	11.37578	.0993708	-.003644	1.373336	.3367610	7.865360
Stddev	.75526	.42687	.0002606	.000330	.132417	.0140882	.048942
%RSD	3.650359	3.752450	.2622840	9.057773	9.642000	4.183442	.6222524

#1	21.46696	11.82240	.0991719	-.003415	1.350094	.3504055	7.919224
#2	19.95849	10.97186	.0992747	-.004022	1.254079	.3222675	7.823617
#3	20.64462	11.33309	.0996659	-.003494	1.515835	.3376100	7.853238

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	7.962544	9.595920	-.552151	.0064326	13.53063	16.94815	.0218848
Stddev	.258603	.019098	.017400	.0002555	.02499	.57602	.0010536
%RSD	3.247740	.1990186	3.151282	3.971391	.1847282	3.398693	4.814298

#1	8.239271	9.588178	-.568457	.0061385	13.50358	17.50454	.0218543
#2	7.727011	9.581908	-.533833	.0065989	13.55287	16.35433	.0208469
#3	7.921350	9.617673	-.554162	.0065605	13.53543	16.98558	.0229534

Sample Name: I3295-01 Acquired: 5/30/2017 16:41:45 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v21) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MGA109 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.7317904	.0354629	.1243696
Stddev	.0253881	.0011151	.0048025
%RSD	3.469310	3.144392	3.861500

#1	.7590474	.0366766	.1296013
#2	.7088159	.0344836	.1201611
#3	.7275081	.0352284	.1233465

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1883.188	2792.921	59000.84	4596.307	3333.258
Stddev	6.911	16.922	180.54	152.969	14.818
%RSD	.3670105	.6058858	.3059990	3.328083	.4445456

#1	1882.506	2779.226	58845.48	4442.955	3320.325
#2	1890.416	2811.839	59198.91	4748.890	3349.426
#3	1876.643	2787.700	58958.14	4597.076	3330.024

Sample Name: I3295-02 Acquired: 5/30/2017 16:45:45 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v21) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MGA110 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1048333	-.025699	19.29742	-.058256	.0129644	92.12376	3.278315
Stddev	.0045761	.001909	.08331	.003639	.0014717	.30740	.004151
%RSD	4.365150	7.430054	.4316927	6.247225	11.35219	.3336801	.1266344

#1	.1059921	-.027886	19.29450	-.057534	.0145158	92.31936	3.282419
#2	.1087186	-.024847	19.21562	-.055031	.0127894	91.76945	3.274118
#3	.0997891	-.024364	19.38215	-.062202	.0115880	92.28249	3.278407

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0088417	.0394409	383.3108	.1906889	.1313016	.5456484	291.2146
Stddev	.0001209	.0001953	1.4542	.0033025	.0004050	.0018900	1.4718
%RSD	1.367086	.4952591	.3793658	1.731864	.3084109	.3463751	.5054028

#1	.0087112	.0392267	383.7848	.1941986	.1312379	.5434680	292.3753
#2	.0088641	.0394867	381.6788	.1902256	.1309323	.5466589	289.5592
#3	.0089498	.0396092	384.4688	.1876425	.1317347	.5468184	291.7094

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	14.01215	117.8744	.1508446	-.002489	1.966474	.3473415	3.809848
Stddev	.06758	.4700	.0012016	.000422	.145906	.0028495	.055417
%RSD	.4823224	.3986879	.7965859	16.95918	7.419680	.8203860	1.454573

#1	14.04657	118.0897	.1510648	-.002158	1.951122	.3452638	3.873766
#2	13.93428	117.3354	.1495481	-.002965	2.119448	.3461707	3.775256
#3	14.05559	118.1981	.1519209	-.002345	1.828850	.3505899	3.780523

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	11.60648	16.79864	-.791848	.0153314	30.01798	21.16975	.1115258
Stddev	.09465	.19321	.003499	.0000708	.30386	.05731	.0018984
%RSD	.8154936	1.150126	.4418559	.4618398	1.012273	.2707164	1.702228

#1	11.65499	16.58033	-.795842	.0152573	29.71222	21.23465	.1099282
#2	11.49741	16.86797	-.789323	.0153984	30.02180	21.12608	.1136245
#3	11.66704	16.94761	-.790379	.0153385	30.31991	21.14853	.1110246

Sample Name: I3295-02 Acquired: 5/30/2017 16:45:45 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v21) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MGA110 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.7520947	.0677358	.4163001
Stddev	.0046317	.0006275	.0011800
%RSD	.6158424	.9263936	.2834535

#1	.7555333	.0678806	.4173302
#2	.7468279	.0682782	.4150126
#3	.7539229	.0670485	.4165573

Int. Std.	Y_ 2243	Y_ 2243	Y_ 3600	Y_ 3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1714.482	2581.115	54204.79	4278.263	2916.825
Stddev	20.229	13.594	547.47	8.604	13.295
%RSD	1.179861	.5266895	1.010009	.2011181	.4557974

#1	1691.237	2581.054	53576.03	4268.336	2914.050
#2	1724.123	2594.740	54462.39	4283.582	2931.288
#3	1728.086	2567.551	54575.94	4282.871	2905.137

Sample Name: I3295-03 Acquired: 5/30/2017 16:49:44 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v21) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MGA111 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0823645	-.013239	2.907728	-.031726	.0074856	71.78395	1.826377
Stddev	.0026804	.001033	.014116	.002158	.0021383	.21536	.009898
%RSD	3.254284	7.805393	.4854623	6.802469	28.56606	.3000089	.5419419

#1	.0814166	-.012249	2.894179	-.029310	.0050989	71.92335	1.834649
#2	.0853900	-.014310	2.922350	-.033462	.0081312	71.53591	1.815411
#3	.0802868	-.013157	2.906655	-.032406	.0092268	71.89258	1.829071

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0074621	.0215023	95.61996	.1437916	.1242193	.2638277	180.7861
Stddev	.0002580	.0001063	.36598	.0006351	.0006425	.0020481	.4506
%RSD	3.457964	.4943167	.3827472	.4416550	.5172095	.7762830	.2492241

#1	.0071648	.0215846	95.80547	.1439664	.1236469	.2614858	180.4895
#2	.0076284	.0213823	95.19837	.1430875	.1249142	.2652831	180.5643
#3	.0075930	.0215399	95.85604	.1443211	.1240969	.2647143	181.3046

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	12.19787	34.56627	.1105918	-.002967	.9633795	.3065917	1.560982
Stddev	.02650	.04209	.0001481	.000249	.0634720	.0059931	.014080
%RSD	.2172192	.1217600	.1339526	8.396296	6.588474	1.954753	.9019955

#1	12.19191	34.56798	.1105442	-.002735	.8969034	.3081266	1.545283
#2	12.17485	34.52335	.1107578	-.003230	.9698896	.2999804	1.565172
#3	12.22683	34.60747	.1104732	-.002936	1.023346	.3116680	1.572493

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	6.571131	7.143987	-.479859	.0071809	17.60137	17.49587	.0176003
Stddev	.028978	.063352	.004214	.0003328	.20025	.06915	.0001868
%RSD	.4409930	.8867848	.8782637	4.635061	1.137672	.3952539	1.061259

#1	6.604430	7.080702	-.477322	.0073257	17.42142	17.46690	.0177980
#2	6.557332	7.207406	-.477531	.0074168	17.81709	17.44591	.0175762
#3	6.551632	7.143853	-.484724	.0068002	17.56560	17.57480	.0174268

Sample Name: I3295-03 Acquired: 5/30/2017 16:49:44 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v21) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MGA111 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.7120057	.0497839	.1403160
Stddev	.0047490	.0001365	.0004038
%RSD	.6669872	.2742686	.2878117

#1	.7159266	.0499284	.1406772
#2	.7067252	.0497663	.1398800
#3	.7133652	.0496571	.1403907

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1783.489	2646.285	56485.41	4346.341	3217.456
Stddev	10.286	16.264	195.52	14.941	15.310
%RSD	.5767560	.6146023	.3461496	.3437587	.4758333

#1	1771.940	2648.977	56327.40	4345.621	3226.852
#2	1786.860	2628.843	56424.76	4361.630	3199.790
#3	1791.667	2661.035	56704.07	4331.774	3225.727

Sample Name: I3295-04 Acquired: 5/30/2017 16:53:46 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v21) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MGA112 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0858879	-.024208	12.78628	-.051015	.0060317	79.78576	2.436161
Stddev	.0010920	.003148	.07236	.002769	.0003351	.42589	.007803
%RSD	1.271441	13.00494	.5659224	5.427740	5.556454	.5337901	.3202889

#1	.0853505	-.023653	12.70484	-.053293	.0056518	79.93086	2.435650
#2	.0851688	-.027596	12.81086	-.051818	.0062858	79.30628	2.428627
#3	.0871445	-.021373	12.84316	-.047933	.0061574	80.12013	2.444207

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0091090	.0683962	166.7012	.1731012	.2580803	.7774345	274.5983
Stddev	.0001060	.0004646	1.1866	.0016014	.0019899	.0031259	1.9140
%RSD	1.163207	.6792887	.7118381	.9251162	.7710424	.4020787	.6970271

#1	.0092277	.0679262	166.7219	.1729509	.2562276	.7738385	274.8728
#2	.0090239	.0684070	165.5043	.1715802	.2578298	.7795019	272.5618
#3	.0090755	.0688553	167.8773	.1747724	.2601837	.7789632	276.3602

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	18.65814	74.26258	.2258431	-.001267	1.858390	.2912234	4.746262
Stddev	.13748	.42345	.0018817	.000523	.018935	.0056844	.014730
%RSD	.7368481	.5702012	.8331706	41.28119	1.018909	1.951902	.3103488

#1	18.67489	74.41072	.2248718	-.001526	1.875945	.2977862	4.733280
#2	18.51305	73.78496	.2246456	-.000665	1.860900	.2880399	4.762270
#3	18.78647	74.59205	.2280120	-.001609	1.838325	.2878442	4.743236

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	10.66702	8.377806	-.722443	.0108245	25.16368	16.75034	.3965644
Stddev	.05770	.046518	.002490	.0003204	.15089	.07835	.0032240
%RSD	.5409567	.5552493	.3446153	2.959947	.5996462	.4677466	.8129705

#1	10.67274	8.324222	-.720866	.0105881	25.07227	16.77827	.3928852
#2	10.60667	8.407823	-.725313	.0106963	25.08093	16.66186	.3979127
#3	10.72165	8.401374	-.721150	.0111892	25.33785	16.81090	.3988953

Sample Name: I3295-04 Acquired: 5/30/2017 16:53:46 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v21) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MGA112 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	1.231695	.0562228	.1744047
Stddev	.007122	.0002055	.0005735
%RSD	.5782022	.3654835	.3288513

#1	1.234996	.0564559	.1743635
#2	1.223521	.0560676	.1738529
#3	1.236566	.0561451	.1749978

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1737.500	2599.700	55262.20	4270.109	3064.739
Stddev	9.105	8.738	50.10	15.709	12.390
%RSD	.5240076	.3361015	.0906659	.3678891	.4042670

#1	1743.791	2604.888	55297.90	4261.489	3075.824
#2	1727.060	2604.600	55283.79	4288.241	3067.029
#3	1741.648	2589.612	55204.93	4260.597	3051.364

Sample Name: I3295-05 Acquired: 5/30/2017 16:57:42 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v21) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MGA113 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1059183	-.020210	3.132549	-.038974	.0052248	99.92041
Stddev	.0025493	.001240	.039442	.001676	.0011920	.39084
%RSD	2.406868	6.134346	1.259092	4.300219	22.81476	.3911481

#1	.1029953	-.021389	3.173772	-.040851	.0065534	100.0751
#2	.1070783	-.018917	3.095170	-.037628	.0048720	100.2102
#3	.1076815	-.020325	3.128704	-.038444	.0042490	99.4759

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	3.064038	.0100122	.0289228	54.50037	.1439824	.1877042
Stddev	.019826	.0001606	.0002993	.34138	.0009308	.0022971
%RSD	.6470652	1.604125	1.034726	.6263838	.6464349	1.223768

#1	3.078924	.0098290	.0291195	54.42831	.1440919	.1902409
#2	3.071658	.0101285	.0285784	54.87203	.1448536	.1857648
#3	3.041532	.0100793	.0290705	54.20078	.1430018	.1871069

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.2919636	222.0908	F 30.35875	20.32298	.2758228	-.002445
Stddev	.0032093	1.3408	.17014	.04899	.0030593	.000150
%RSD	1.099213	.6037243	.5604273	.2410499	1.109152	6.148533

#1	.2949694	221.7038	30.28261	20.32025	.2789192	-.002494
#2	.2923378	223.5825	30.55366	20.37328	.2728021	-.002565
#3	.2885836	220.9860	30.23998	20.27542	.2757473	-.002277

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.243053	.3054487	1.209762	14.35154	6.336711	-.591268
Stddev	.057928	.0044472	.024171	.06390	.060133	.000672
%RSD	4.660147	1.455949	1.998026	.4452258	.9489688	.1136236

#1	1.233448	.3097527	1.228195	14.38284	6.394087	-.591266
#2	1.305183	.3008710	1.182396	14.39374	6.274155	-.590597
#3	1.190528	.3057224	1.218696	14.27802	6.341890	-.591941

Sample Name: I3295-05 Acquired: 5/30/2017 16:57:42 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v21) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MGA113 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0069976	14.28118	10.78867	.0137160	1.417704	.0630579
Stddev	.0003726	.15240	.04430	.0007793	.007397	.0003221
%RSD	5.324411	1.067122	.4105860	5.681964	.5217609	.5108637

#1	.0074237	14.42147	10.78613	.0146124	1.410585	.0630227
#2	.0068363	14.11903	10.83418	.0133362	1.425350	.0633962
#3	.0067329	14.30306	10.74569	.0131994	1.417177	.0627548

Elem	Sr4077
Units	ppm
Avg	.1070448
Stddev	.0003552
%RSD	.3318128

#1	.1072357
#2	.1072637
#3	.1066350

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1991.744	2949.481	62770.23	4787.185	3223.572
Stddev	3.711	25.180	110.83	14.599	38.464
%RSD	.1863042	.8537240	.1765692	.3049593	1.193226

#1	1996.027	2920.924	62763.37	4788.231	3180.224
#2	1989.513	2968.494	62662.99	4772.091	3253.626
#3	1989.692	2959.025	62884.33	4801.233	3236.868

Sample Name: I3295-06 Acquired: 5/30/2017 17:01:40 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v21) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MGA114 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0783395	-.023655	12.86790	-.046023	.0057775	109.2361	2.533933
Stddev	.0003921	.003757	.02033	.001604	.0013064	.0994	.001281
%RSD	.5004639	15.88398	.1579541	3.485682	22.61227	.0909886	.0505639

#1	.0779652	-.026995	12.87108	-.046611	.0066213	109.3197	2.532454
#2	.0783061	-.024384	12.84618	-.044208	.0064386	109.1262	2.534619
#3	.0787472	-.019587	12.88646	-.047250	.0042727	109.2623	2.534725

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0101023	.0526643	132.8569	.1278925	.3474985	.7308251	241.2759
Stddev	.0001237	.0001541	.0551	.0007468	.0007658	.0025383	.1671
%RSD	1.224279	.2926075	.0414647	.5838948	.2203785	.3473133	.0692740

#1	.0101850	.0525819	132.8875	.1275371	.3477007	.7337385	241.4654
#2	.0101618	.0528421	132.7933	.1273900	.3466519	.7290916	241.1495
#3	.0099601	.0525690	132.8899	.1287506	.3481429	.7296452	241.2128

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	14.89662	71.39846	.3216256	-.003307	1.485228	.3071993	8.436834
Stddev	.00995	.04787	.0006490	.000299	.081537	.0069758	.042104
%RSD	.0668038	.0670411	.2018032	9.046325	5.489848	2.270760	.4990555

#1	14.89151	71.44720	.3214625	-.003484	1.558241	.3023098	8.445901
#2	14.90809	71.35152	.3210737	-.002961	1.500199	.3041006	8.390935
#3	14.89027	71.39666	.3223407	-.003475	1.397243	.3151876	8.473666

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	14.72572	6.966461	-.671649	.0029547	21.87769	12.26405	.0175309
Stddev	.03147	.046775	.003694	.0002855	.10338	.05861	.0007478
%RSD	.2137305	.6714315	.5499833	9.662594	.4725237	.4779331	4.265536

#1	14.72150	6.934405	-.675613	.0026422	21.79654	12.32350	.0174295
#2	14.75908	6.944842	-.668302	.0030203	21.84247	12.20631	.0183242
#3	14.69656	7.020135	-.671033	.0032018	21.99408	12.26233	.0168390

Sample Name: I3295-06 Acquired: 5/30/2017 17:01:40 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v21) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MGA114 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	1.004201	.0699468	.1407522
Stddev	.002702	.0003504	.0000977
%RSD	.2690483	.5008898	.0694194

#1	1.002915	.0701327	.1408265
#2	1.007306	.0701651	.1406415
#3	1.002383	.0695427	.1407885

Int. Std.	Y_ 2243	Y_ 2243	Y_ 3600	Y_ 3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1924.673	2863.598	60291.78	4686.445	3072.751
Stddev	9.804	14.070	192.79	25.038	7.140
%RSD	.5093841	.4913564	.3197686	.5342547	.2323525

#1	1916.617	2867.405	60330.17	4657.830	3071.035
#2	1935.589	2875.373	60462.50	4704.328	3080.593
#3	1921.813	2848.016	60082.68	4697.176	3066.626

Sample Name: I3295-07 Acquired: 5/30/2017 17:05:38 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v21) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MGA115 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0757941	-.018954	1.344922	-.043528	.0040544	120.7912	2.021911
Stddev	.0055173	.000744	.006810	.001622	.0004273	.6965	.010130
%RSD	7.279366	3.923318	.5063425	3.726649	10.53896	.5766268	.5010227

#1	.0725650	-.018096	1.340102	-.044388	.0044057	121.5163	2.032287
#2	.0726525	-.019361	1.341952	-.041657	.0035787	120.7298	2.021401
#3	.0821647	-.019405	1.352713	-.044539	.0041788	120.1274	2.012046

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0104940	.0241090	46.42620	.1462855	.1573718	.2406773	230.7086
Stddev	.0001705	.0002460	.46225	.0003538	.0003461	.0026967	1.9207
%RSD	1.624645	1.020401	.9956737	.2418556	.2199078	1.120480	.8325041

#1	.0103362	.0238292	46.88259	.1466495	.1576069	.2427078	232.6246
#2	.0106748	.0242064	46.43771	.1459429	.1569744	.2417066	230.7180
#3	.0104708	.0242913	45.95830	.1462640	.1575342	.2376175	228.7833

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	13.21219	35.22457	.2392207	-.004833	1.286833	.3132905	1.100634
Stddev	.08788	.19523	.0009685	.000405	.103519	.0049356	.024509
%RSD	.6651252	.5542308	.4048447	8.380096	8.044489	1.575419	2.226837

#1	13.30057	35.44398	.2381247	-.004371	1.216404	.3189890	1.128934
#2	13.21119	35.15963	.2395762	-.005126	1.405690	.3105165	1.086769
#3	13.12482	35.07008	.2399612	-.005002	1.238406	.3103660	1.086200

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	13.36446	6.117354	-.646411	.0019763	5.225409	13.48414	.0093949
Stddev	.14124	.007507	.005135	.0000073	.035777	.11735	.0011316
%RSD	1.056846	.1227160	.7943666	.3708499	.6846726	.8702555	12.04465

#1	13.51900	6.109754	-.649602	.0019685	5.187307	13.58187	.0100005
#2	13.33231	6.124764	-.649143	.0019774	5.230635	13.51655	.0100948
#3	13.24206	6.117543	-.640487	.0019830	5.258286	13.35399	.0080894

Sample Name: I3295-07 Acquired: 5/30/2017 17:05:38 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v21) Mode: CONC Corr. Factor: 1.000000
 User: JASWAL Custom ID1: MGA115 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	1.024421	.0713699	.1273994
Stddev	.005470	.0007949	.0008289
%RSD	.5339233	1.113801	.6506406

#1	1.029826	.0722860	.1282725
#2	1.024549	.0708626	.1273023
#3	1.018889	.0709610	.1266232

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2035.946	3032.414	63406.64	4851.674	3206.493
Stddev	10.556	3.033	180.05	38.855	1.032
%RSD	.5184716	.1000202	.2839542	.8008603	.0321852

#1	2025.184	3033.362	63259.25	4810.767	3206.889
#2	2036.369	3034.859	63607.31	4856.169	3207.269
#3	2046.283	3029.019	63353.35	4888.086	3205.322

Sample Name: I3295-08 Acquired: 5/30/2017 17:09:38 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v21) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MGA116 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0750095	-.018392	1.051265	-.041598	.0048803	125.9841	2.049955
Stddev	.0017757	.002048	.000931	.001566	.0006890	.0783	.001631
%RSD	2.367256	11.13538	.0885578	3.764715	14.11855	.0621231	.0795659

#1	.0750228	-.020707	1.051087	-.040119	.0056396	125.9951	2.048309
#2	.0732272	-.017649	1.050435	-.041435	.0047061	126.0563	2.051571
#3	.0767785	-.016819	1.052272	-.043239	.0042950	125.9009	2.049984

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0106935	.0218347	37.24376	.1940912	.1525832	.2222370	237.0546
Stddev	.0000523	.0001372	.03568	.0013634	.0004335	.0009330	.4999
%RSD	.4886314	.6284155	.0957981	.7024524	.2840778	.4198186	.2108943

#1	.0107538	.0216948	37.22565	.1956373	.1521117	.2226492	237.5072
#2	.0106615	.0218403	37.28486	.1930609	.1526735	.2211689	237.1385
#3	.0106653	.0219690	37.22077	.1935756	.1529644	.2228929	236.5180

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	13.05824	31.18768	.2401281	-.005169	1.128928	.3313351	.8789851
Stddev	.02238	.12988	.0008572	.000193	.039582	.0016172	.0303510
%RSD	.1713572	.4164396	.3569675	3.727141	3.506155	.4880853	3.452960

#1	13.04687	31.22317	.2397348	-.005384	1.083227	.3329185	.9121727
#2	13.08401	31.04375	.2395382	-.005013	1.151237	.3314007	.8721442
#3	13.04382	31.29612	.2411114	-.005109	1.152320	.3296861	.8526383

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	15.99915	7.323976	-.658322	.0029634	6.657206	15.79206	.0106429
Stddev	.01615	.008287	.001685	.0000778	.007656	.02767	.0019823
%RSD	.1009658	.1131550	.2559837	2.625615	.1149982	.1752380	18.62553

#1	15.98051	7.318249	-.657762	.0030338	6.651197	15.81865	.0117732
#2	16.00910	7.333479	-.660216	.0029767	6.654595	15.79412	.0083540
#3	16.00783	7.320199	-.656988	.0028799	6.665826	15.76342	.0118015

Sample Name: I3295-08 Acquired: 5/30/2017 17:09:38 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v21) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MGA116 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	1.104236	.0753787	.1332871
Stddev	.002482	.0005353	.0000773
%RSD	.2247524	.7100925	.0580321

#1	1.102269	.0747877	.1331988
#2	1.107024	.0755177	.1333428
#3	1.103415	.0758308	.1333197

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2048.038	3053.441	63478.77	4836.984	3239.041
Stddev	26.815	7.898	426.00	13.907	6.851
%RSD	1.309311	.2586749	.6710951	.2875230	.2115015

#1	2017.131	3048.420	62991.07	4821.714	3232.689
#2	2061.877	3062.545	63778.22	4840.314	3246.300
#3	2065.106	3049.357	63667.02	4848.924	3238.134

Sample Name: I3295-09 Acquired: 5/30/2017 17:13:41 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v21) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MGA116D Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0765705	-.020021	1.057114	-.045747	.0049272	125.6916	2.050149
Stddev	.0013255	.005158	.009605	.004839	.0019722	.5322	.010023
%RSD	1.731045	25.76319	.9086492	10.57854	40.02625	.4233864	.4888726

#1	.0754755	-.015533	1.053909	-.041315	.0039454	126.2180	2.057211
#2	.0761920	-.025656	1.049522	-.050911	.0036386	125.7030	2.054559
#3	.0780441	-.018874	1.067913	-.045016	.0071976	125.1538	2.038678

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0106069	.0222305	37.00512	.1945347	.1539099	.2240538	235.5084
Stddev	.0001038	.0002986	.18337	.0003319	.0007885	.0041712	.7708
%RSD	.9783101	1.343154	.4955368	.1706271	.5123170	1.861688	.3272763

#1	.0106004	.0219984	37.17691	.1941990	.1534442	.2213175	236.3982
#2	.0105066	.0221257	36.81203	.1948627	.1534652	.2288546	235.0814
#3	.0107138	.0225673	37.02642	.1945425	.1548204	.2219893	235.0457

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	12.95627	30.97815	.2406874	-.005233	1.218911	.3282620	.8754648
Stddev	.06080	.06753	.0019397	.000232	.046301	.0054927	.0231136
%RSD	.4693069	.2180010	.8059073	4.433594	3.798545	1.673276	2.640146

#1	13.02339	30.92143	.2390205	-.005029	1.178739	.3343023	.8604411
#2	12.90487	30.96015	.2402252	-.005485	1.208445	.3269170	.9020804
#3	12.94054	31.05285	.2428164	-.005183	1.269549	.3235667	.8638729

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	15.90559	7.339981	-.659648	.0030479	6.654961	15.77055	.0116024
Stddev	.06431	.035723	.004074	.0003073	.052744	.09386	.0010076
%RSD	.4043032	.4866872	.6175321	10.08389	.7925507	.5951755	8.684587

#1	15.97483	7.312798	-.663513	.0027519	6.608625	15.85847	.0123906
#2	15.84773	7.326704	-.655394	.0033654	6.643899	15.67170	.0104671
#3	15.89421	7.380441	-.660038	.0030262	6.712359	15.78148	.0119496

Sample Name: I3295-09 Acquired: 5/30/2017 17:13:41 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v21) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MGA116D Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	1.101702	.0753610	.1334396
Stddev	.007644	.0003712	.0007918
%RSD	.6938722	.4926156	.5934037

#1	1.107892	.0757443	.1343536
#2	1.104056	.0753356	.1329609
#3	1.093157	.0750031	.1330043

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2036.292	3050.451	63222.12	4843.619	3222.989
Stddev	1.228	6.661	72.46	23.731	10.943
%RSD	.0602935	.2183610	.1146100	.4899426	.3395234

#1	2036.467	3047.417	63195.81	4817.235	3227.544
#2	2037.423	3058.089	63166.48	4863.219	3230.919
#3	2034.986	3045.847	63304.05	4850.404	3210.505

Sample Name: I3295-10 Acquired: 5/30/2017 17:17:43 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v21) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MGA116S Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1348462	.0987768	1.100057	.0271624	.0536564	143.0860	5.462830
Stddev	.0021867	.0010122	.004829	.0039606	.0023364	.5352	.001400
%RSD	1.621638	1.024784	.4390195	14.58128	4.354422	.3740332	.0256218

#1	.1372905	.0984888	1.096318	.0305524	.0559869	142.4758	5.464441
#2	.1330757	.0979398	1.098342	.0281259	.0536681	143.4757	5.462139
#3	.1341722	.0999019	1.105509	.0228089	.0513141	143.3066	5.461912

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0907049	.1158316	38.58570	.5131919	1.113548	.6394622	242.2820
Stddev	.0006006	.0000749	.28799	.0007369	.001955	.0038672	.9166
%RSD	.6621005	.0646394	.7463608	.1435980	.1755714	.6047518	.3783384

#1	.0905815	.1157456	38.31807	.5138912	1.113747	.6398319	241.6289
#2	.0913576	.1158821	38.89045	.5132621	1.111501	.6354235	243.3299
#3	.0901756	.1158671	38.54859	.5124224	1.115396	.6431312	241.8872

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	11.98051	33.24262	1.210027	.0331188	1.231503	1.189010	1.640502
Stddev	.06308	.12074	.003050	.0004152	.085428	.006148	.028596
%RSD	.5265340	.3632097	.2520999	1.253658	6.936851	.5170856	1.743155

#1	11.91438	33.20365	1.208767	.0327229	1.246178	1.182036	1.654108
#2	12.04001	33.37803	1.207807	.0335510	1.308642	1.193646	1.607643
#3	11.98715	33.14618	1.213505	.0330825	1.139688	1.191349	1.659755

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	17.79241	7.409397	-.676379	.0028068	6.785055	6.737597	.0112179
Stddev	.01891	.005879	.004193	.0003427	.029316	.048597	.0005092
%RSD	.1062717	.0793399	.6199668	12.20942	.4320713	.7212760	4.539066

#1	17.77936	7.405069	-.676037	.0028652	6.793610	6.726900	.0107880
#2	17.78377	7.416089	-.680733	.0024387	6.752413	6.790650	.0117802
#3	17.81409	7.407031	-.672368	.0031166	6.809142	6.695239	.0110855

Sample Name: I3295-10 Acquired: 5/30/2017 17:17:43 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v21) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MGA116S Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	1.033346	.0830231	.1412429
Stddev	.001626	.0008421	.0003029
%RSD	.1573282	1.014331	.2144290

#1	1.031610	.0834232	.1409299
#2	1.034833	.0820555	.1415345
#3	1.033596	.0835906	.1412644

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2051.344	3061.916	63837.68	4912.919	3226.467
Stddev	9.356	6.787	40.34	30.892	3.976
%RSD	.4560684	.2216618	.0631977	.6287892	.1232172

#1	2050.890	3057.826	63802.39	4910.673	3225.927
#2	2060.918	3058.172	63829.00	4883.211	3222.788
#3	2042.224	3069.751	63881.66	4944.872	3230.684

Sample Name: I3295-11 Acquired: 5/30/2017 17:25:50 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v21) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MGA117 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0646233	-.037887	11.81783	-.063076	.0062144	62.30450
Stddev	.0004533	.001078	.02750	.002681	.0010978	.15195
%RSD	.7014862	2.845977	.2327127	4.249915	17.66500	.2438880

#1	.0647122	-.038469	11.81535	-.065128	.0049489	62.31354
#2	.0641321	-.038548	11.79165	-.060043	.0067835	62.14823
#3	.0650255	-.036642	11.84648	-.064056	.0069107	62.45173

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.717764	.0110733	.0803069	F 1030.143	.0745775	.2430614
Stddev	.009236	.0001558	.0001587	2.843	.0001412	.0012355
%RSD	.5376581	1.407459	.1976557	.2759414	.1893364	.5083163

#1	1.723177	.0109094	.0801682	1033.375	.0744238	.2434665
#2	1.707100	.0110909	.0802725	1029.021	.0746070	.2416742
#3	1.723016	.0112196	.0804800	1028.033	.0747015	.2440436

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.7191363	288.6598	F 30.85238	463.9455	.2670230	-.001569
Stddev	.0012915	.8952	.04746	1.2007	.0014643	.000254
%RSD	.1795878	.3101269	.1538230	.2588010	.5483919	16.18667

#1	.7203108	289.6332	30.90643	464.5485	.2672404	-.001811
#2	.7193449	287.8718	30.83319	462.5628	.2654621	-.001591
#3	.7177532	288.4743	30.81753	464.7251	.2683665	-.001305

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.349044	.1747457	2.872621	7.235063	3.841955	-.864861
Stddev	.098165	.0030804	.048099	.014097	.021240	.004765
%RSD	4.178925	1.762808	1.674412	.1948428	.5528510	.5509761

#1	2.335638	.1735736	2.886980	7.225006	3.823839	-.868342
#2	2.453223	.1782401	2.818977	7.229007	3.836694	-.866810
#3	2.258271	.1724233	2.911905	7.251176	3.865331	-.859430

Sample Name: I3295-11 Acquired: 5/30/2017 17:25:50 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v21) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MGA117 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0013307	26.01874	10.40787	.0102850	.4104781	.0641269
Stddev	.0004106	.14142	.03124	.0005308	.0017953	.0002701
%RSD	30.85809	.5435505	.3001309	5.160899	.4373765	.4212331

#1	.0018032	25.88422	10.43071	.0098417	.4114582	.0638167
#2	.0010600	26.00581	10.42062	.0101402	.4115701	.0643102
#3	.0011290	26.16618	10.37227	.0108732	.4084061	.0642539

Elem	Sr4077
Units	ppm
Avg	.3044026
Stddev	.0006983
%RSD	.2294008

#1	.3041393
#2	.3038743
#3	.3051943

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1710.614	2542.035	53887.61	4306.858	2545.934
Stddev	4.871	4.210	155.75	9.845	5.908
%RSD	.2847238	.1656036	.2890292	.2285917	.2320447

#1	1710.652	2537.509	53790.00	4299.133	2541.293
#2	1715.465	2545.834	54067.22	4303.498	2552.584
#3	1705.724	2542.762	53805.59	4317.944	2543.924

Sample Name: I3296-08LX5 Acquired: 5/30/2017 17:47:54 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v21) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MGA136L Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0173260	-.001974	.1608218	-.006982	.0017976	16.16859	.3078445
Stddev	.0028682	.002427	.0015070	.000942	.0009002	.07950	.0019130
%RSD	16.55428	122.9577	.9370890	13.49432	50.07624	.4917097	.6214094

#1	.0163724	-.004398	.1622954	-.007152	.0026420	16.26035	.3099719
#2	.0150560	.000456	.1592834	-.005967	.0008505	16.12508	.3062659
#3	.0205495	-.001979	.1608865	-.007828	.0019003	16.12034	.3072958

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0019487	.0020760	8.704567	.0306523	.0317783	.1498972	40.44227
Stddev	.0000649	.0000633	.087296	.0011958	.0003881	.0014116	.24276
%RSD	3.330529	3.048596	1.002873	3.901093	1.221443	.9417252	.6002678

#1	.0020235	.0020029	8.752172	.0294191	.0317723	.1509082	40.70813
#2	.0019157	.0021151	8.603817	.0318067	.0313932	.1482844	40.23239
#3	.0019069	.0021098	8.757712	.0307311	.0321694	.1504990	40.38628

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.376211	4.181083	.0257089	-.001075	.2037626	.0657649	.1812909
Stddev	.015480	.065703	.0004617	.000429	.0407551	.0026626	.0129406
%RSD	.6514435	1.571436	1.795819	39.92851	20.00125	4.048666	7.138036

#1	2.391012	4.241678	.0256774	-.000579	.2041930	.0632667	.1691089
#2	2.360132	4.111249	.0252638	-.001324	.1627940	.0685660	.1948758
#3	2.377489	4.190322	.0261856	-.001322	.2443007	.0654620	.1798881

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.353237	.5324810	-.120021	.0004613	1.138802	3.192818	.0012049
Stddev	.030533	.0031583	.001470	.0001515	.012319	.011872	.0006250
%RSD	2.256292	.5931295	1.224638	32.83674	1.081733	.3718479	51.86908

#1	1.371055	.5355614	-.121540	.0003149	1.150385	3.206512	.0005674
#2	1.317982	.5292502	-.118607	.0006174	1.125860	3.185406	.0012308
#3	1.370675	.5326315	-.119915	.0004515	1.140162	3.186537	.0018165

Sample Name: I3296-08LX5 Acquired: 5/30/2017 17:47:54 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v21) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MGA136L Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.1560711	.0069399	.0142616
Stddev	.0023795	.0007335	.0000828
%RSD	1.524645	10.56995	.5809589

#1	.1572226	.0076114	.0143530
#2	.1533348	.0061570	.0141914
#3	.1576557	.0070512	.0142403

Int. Std.	Y_ 2243	Y_ 2243	Y_ 3600	Y_ 3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1776.235	2677.893	54554.43	4005.286	3602.408
Stddev	23.201	4.979	848.17	33.313	8.291
%RSD	1.306176	.1859424	1.554722	.8317262	.2301600

#1	1780.233	2679.936	55083.76	3969.101	3602.495
#2	1751.295	2681.526	53576.15	4034.681	3610.655
#3	1797.177	2672.217	55003.39	4012.075	3594.073

Sample Name: I3295-08LX5 Acquired: 5/30/2017 17:52:00 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v21) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MGA116L Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0184904	-.003521	.2012697	-.008871	.0011079	26.82700	.4341612
Stddev	.0033359	.001037	.0008737	.002508	.0015335	.06780	.0020194
%RSD	18.04147	29.44960	.4341155	28.26557	138.4193	.2527134	.4651372

#1	.0189362	-.002636	.2011817	-.006749	.0003092	26.81841	.4362620
#2	.0149540	-.003265	.2004433	-.008227	.0001385	26.89868	.4322344
#3	.0215811	-.004662	.2021841	-.011638	.0028758	26.76391	.4339870

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0023952	.0037293	8.111820	.0430030	.0273907	.0494843	52.56246
Stddev	.0000538	.0000699	.042754	.0008402	.0000598	.0014519	.07830
%RSD	2.244539	1.873353	.5270638	1.953794	.2183496	2.933955	.1489563

#1	.0024485	.0038077	8.096925	.0427451	.0274515	.0481239	52.65161
#2	.0023959	.0036736	8.160029	.0423220	.0273320	.0510129	52.53088
#3	.0023410	.0037066	8.078505	.0439419	.0273887	.0493162	52.50488

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.888652	6.609480	.0442227	-.001088	.2737814	.0752079	.1828081
Stddev	.003287	.070714	.0000424	.000443	.1056395	.0045397	.0016877
%RSD	.1137942	1.069882	.0959298	40.73598	38.58533	6.036180	.9232200

#1	2.885129	6.561432	.0442556	-.000621	.3362315	.0801011	.1808602
#2	2.891637	6.576329	.0441748	-.001143	.1518112	.0743896	.1837290
#3	2.889190	6.690679	.0442375	-.001502	.3333015	.0711331	.1838350

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	3.272137	1.325048	-.152768	.0005703	1.174234	3.628881	.0025158
Stddev	.022919	.003346	.000900	.0001365	.009105	.015430	.0015950
%RSD	.7004155	.2525305	.5888140	23.93997	.7754408	.4251982	63.39862

#1	3.245746	1.327250	-.152474	.0005862	1.173820	3.614741	.0020857
#2	3.283635	1.321197	-.153778	.0004265	1.165342	3.626561	.0042817
#3	3.287030	1.326697	-.152053	.0006981	1.183539	3.645339	.0011800

Sample Name: I3295-08LX5 Acquired: 5/30/2017 17:52:00 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v21) Mode: CONC Corr. Factor: 1.000000
 User: JASWAL Custom ID1: MGA116L Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.2386104	.0140762	.0286490
Stddev	.0020114	.0011699	.0001870
%RSD	.8429468	8.310854	.6528605

#1	.2387479	.0152907	.0285036
#2	.2405495	.0139810	.0288600
#3	.2365338	.0129568	.0285834

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1813.034	2721.458	55354.92	4091.834	3566.622
Stddev	17.751	13.477	314.95	7.911	12.618
%RSD	.9790827	.4951956	.5689714	.1933330	.3537736

#1	1798.905	2706.842	55190.72	4094.287	3552.390
#2	1832.959	2733.392	55718.05	4082.987	3576.437
#3	1807.239	2724.140	55155.99	4098.228	3571.040

Sample Name: CCV043 Acquired: 5/30/2017 17:56:11 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v21) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: CCV943 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.915185	4.780830	24.09451	4.838044	4.933353	393.4125
Stddev	.021655	.022375	.05357	.017156	.017612	1.5609
%RSD	.4405819	.4680091	.2223394	.3546158	.3569978	.3967633

#1	4.929282	4.779253	24.14737	4.857827	4.953661	395.1293
#2	4.926022	4.803952	24.09592	4.827254	4.924126	393.0296
#3	4.890250	4.759286	24.04025	4.829051	4.922272	392.0787

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	10.01602	.5040093	2.484752	401.1075	15.15030	2.477471
Stddev	.03215	.0030170	.004905	3.2248	.06229	.010269
%RSD	.3209935	.5985968	.1973979	.8039757	.4111632	.4144756

#1	10.04772	.5069925	2.487656	403.7250	15.15508	2.487236
#2	10.01692	.5040758	2.487512	402.0923	15.08575	2.478411
#3	9.98344	.5009597	2.479089	397.5051	15.21006	2.466764

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	14.88283	401.8862	14.63060	400.1908	2.477700	1.266784
Stddev	.02108	3.7824	.12654	3.1736	.004013	.005650
%RSD	.1416554	.9411666	.8649254	.7930238	.1619745	.4460267

#1	14.90619	405.5042	14.73620	403.4501	2.479120	1.272935
#2	14.87708	402.1959	14.66527	400.0118	2.480811	1.261824
#3	14.86522	397.9584	14.49034	397.1105	2.473170	1.265593

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	399.5146	2.440196	14.03628	152.2629	5.131318	F 4.117633
Stddev	2.5206	.006370	.15100	.1523	.011615	.035100
%RSD	.6309083	.2610645	1.075808	.1000155	.2263519	.8524263

#1	402.1958	2.441836	13.93657	152.3291	5.138777	4.148397
#2	399.1545	2.445586	14.21001	152.3709	5.137242	4.125101
#3	397.1934	2.433165	13.96226	152.0887	5.117936	4.079400

Sample Name: CCV043 Acquired: 5/30/2017 17:56:11 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v21) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: CCV943 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.911442	4.990901	4.897134	4.957801	4.900200	5.001311
Stddev	.013088	.011907	.057008	.014781	.015140	.012947
%RSD	.2664778	.2385781	1.164117	.2981368	.3089771	.2588687

#1	4.924363	5.001353	4.951709	4.965180	4.915436	5.015671
#2	4.911770	4.977939	4.901723	4.967440	4.900008	4.990530
#3	4.898194	4.993412	4.837969	4.940783	4.885156	4.997731

Elem	Sr4077
Units	ppm
Avg	4.998064
Stddev	.021074
%RSD	.4216441

#1	5.020380
#2	4.995307
#3	4.978504

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1454.489	2167.696	46175.56	3660.391	2500.453
Stddev	13.057	11.640	155.52	35.876	10.355
%RSD	.8976701	.5369576	.3367990	.9801005	.4141254

#1	1453.209	2154.431	46007.44	3625.672	2489.122
#2	1442.120	2172.453	46314.27	3658.180	2502.814
#3	1468.138	2176.203	46204.98	3697.321	2509.425

Sample Name: CCB043 Acquired: 5/30/2017 17:59:59 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v21) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: CCB043 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000731	-.000312	.0010368	-.000026	.0002525	.0093362	.0006612
Stddev	.003319	.000204	.0010039	.000899	.0005261	.0053539	.0004615
%RSD	454.0584	65.43193	96.82698	3491.322	208.3468	57.34483	69.80333

#1	-.003354	-.000141	.0003787	-.000956	-.000218	.0140109	.0001340
#2	-.001839	-.000538	.0021923	.000040	.000155	.0105024	.0009924
#3	.003000	-.000258	.0005395	.000839	.000821	.0034954	.0008571

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0000274	.0001013	.0032730	.0001046	.0001075	.0006190	.0151218
Stddev	.0001397	.0000082	.0089752	.0002057	.0000252	.0013002	.0078297
%RSD	509.6976	8.055224	274.2193	196.6910	23.40875	210.0469	51.77734

#1	.0000926	.0000950	.0136255	.0000262	.0000833	-.000564	.0134308
#2	.0001227	.0000984	-.002319	-.000050	.0001057	.000411	.0082758
#3	-.000133	.0001105	-.001487	.000338	.0001335	.002011	.0236588

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000479	-.010585	-.000064	-.000085	.1229511	-.000399	-.010479
Stddev	.000793	.029282	.000302	.000064	.0606393	.002502	.000787
%RSD	165.6907	276.6350	469.4726	74.51495	49.31988	627.1933	7.512434

#1	-.000086	-.008151	.000284	-.000013	.1800414	.001676	-.011003
#2	-.001392	.017404	-.000225	-.000111	.0592968	-.003177	-.009574
#3	.000041	-.041008	-.000251	-.000132	.1295149	.000305	-.010860

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.029878	-.000223	.0005685	.0000445	-.044133	-.000842	.0002608
Stddev	.028778	.001483	.0004551	.0001218	.010363	.000187	.0004639
%RSD	96.31808	665.9147	80.04491	273.7025	23.48194	22.23181	177.8472

#1	-.049330	.001351	.0009101	-.000081	-.040287	-.001009	-.000210
#2	.003180	-.000424	.0007436	.000163	-.055869	-.000640	.000718
#3	-.043484	-.001595	.0000519	.000052	-.036243	-.000877	.000275

Sample Name: CCB043 Acquired: 5/30/2017 17:59:59 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v21) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: CCB043 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.0007394	-.000432	.0001566
Stddev	.0013485	.001204	.0000411
%RSD	182.3751	278.6587	26.25115

#1	.0007843	-.001606	.0001739
#2	.0020649	-.000491	.0001861
#3	-.000631	.000800	.0001096

Int. Std.	Y_ 2243	Y_ 2243	Y_ 3600	Y_ 3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1780.938	2667.916	54344.59	3914.970	3835.750
Stddev	15.745	21.042	330.26	9.081	27.307
%RSD	.8840997	.7887025	.6077169	.2319651	.7119129

#1	1767.793	2645.907	54015.60	3904.528	3805.440
#2	1798.388	2670.007	54676.11	3921.020	3843.380
#3	1776.632	2687.835	54342.05	3919.362	3858.432