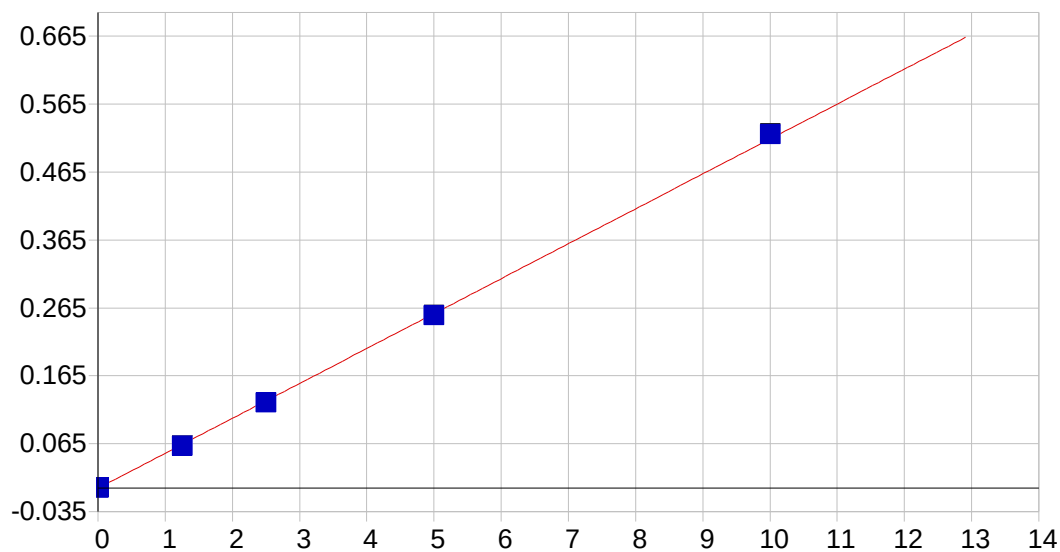




As 189.042 {479}

Date of Fit: 7/19/2017 15:20:12

Type of Fit: Linear

Weighting: 1/Conc

A0 (Offset): -0.000456

Re-Slope: 1.000000

A1 (Gain): 0.051419

Y-int: 0.000000

A2 (Curvature): 0.000000

n (Exponent): 1.000000

Correlation: 0.999866

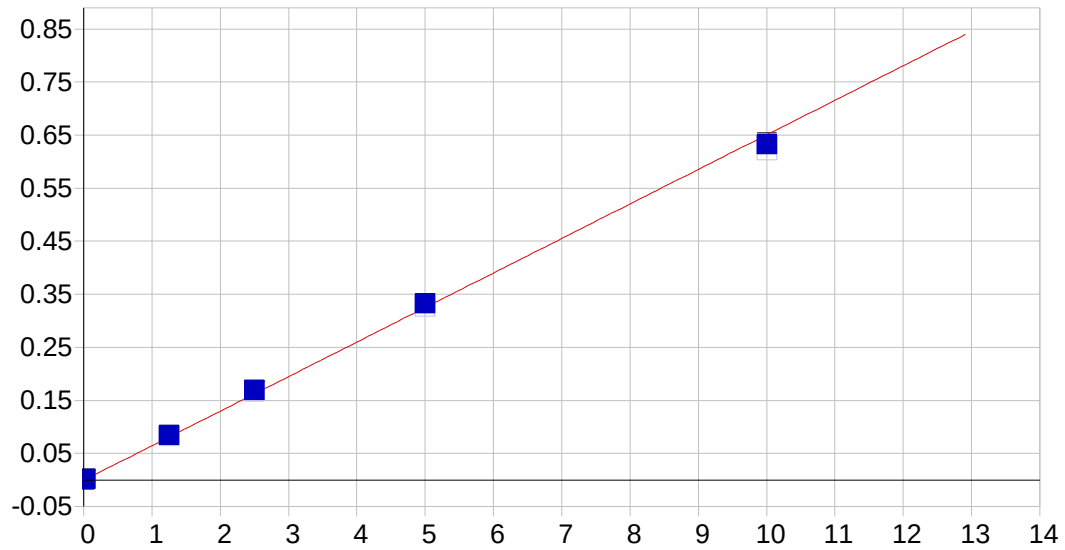
Status: OK.

Std Error of Est: 0.000014

Predicted MDL: 0.003557

Predicted MQL: 0.011857

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	-.00046	.000	1
S1	.01000	.01204	.002	20.4	.00016	.000	1
S2	1.2500	1.2068	-.043	-3.46	.06158	.000	1
S3	2.5000	2.4533	-.047	-1.87	.12566	.000	1
S4	5.0000	4.9530	-.047	-.939	.25415	.000	1
S5	10.000	10.135	.135	1.35	.52052	.001	1



TI 190.856 {477}

Date of Fit: 7/19/2017 15:20:12

Type of Fit: Linear

Weighting: 1/Conc

A0 (Offset): -0.000548

Re-Slope: 1.000000

A1 (Gain): 0.065114

Y-int: 0.000000

A2 (Curvature): 0.000000

n (Exponent): 1.000000

Correlation: 0.999541

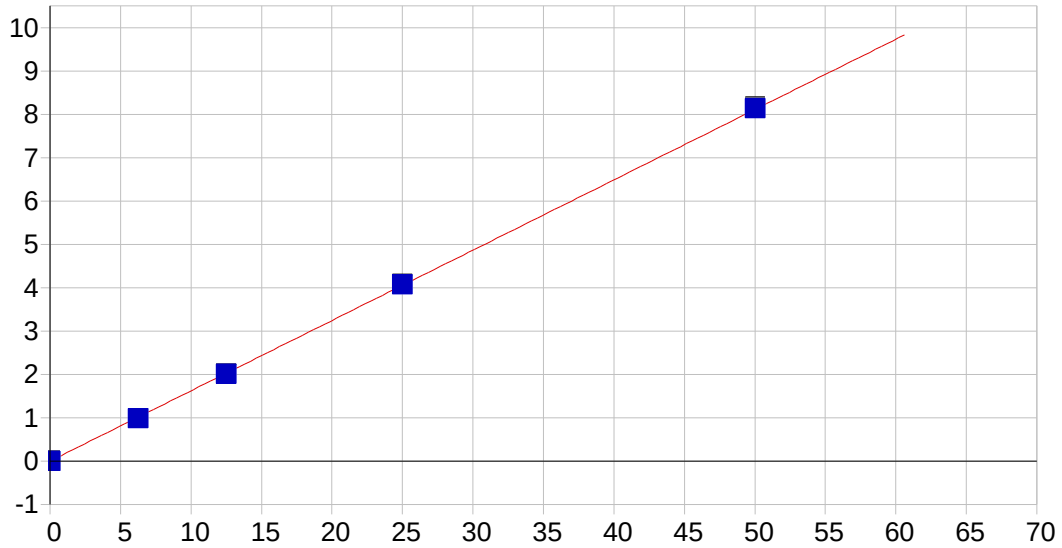
Status: OK.

Std Error of Est: 0.000051

Predicted MDL: 0.002035

Predicted MQL: 0.006782

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00001	.000	.000	-.00055	.000	1
S1	.02500	.02856	.004	14.2	.00117	.000	1
S2	1.2500	1.2994	.049	3.95	.08258	.000	1
S3	2.5000	2.6035	.104	4.14	.16602	.000	1
S4	5.0000	5.1139	.114	2.28	.32652	.000	1
S5	10.000	9.7299	-.270	-2.70	.62117	.003	1

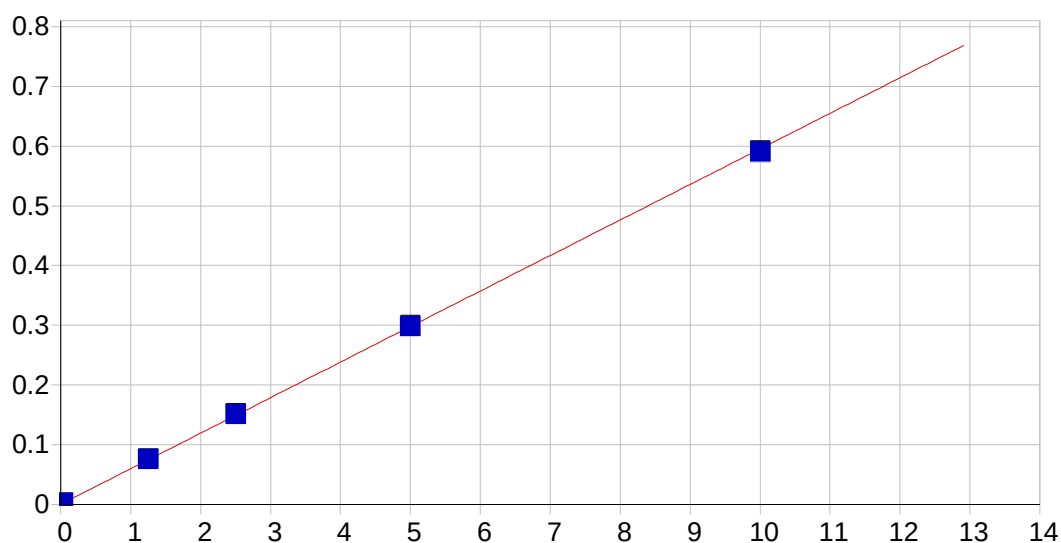


Pb 220.353 {453}

Date of Fit: 7/19/2017 15:20:12 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.000098 Re-Slope: 1.000000
 A1 (Gain): 0.162159 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999967 Status: OK.
 Std Error of Est: 0.000049
 Predicted MDL: 0.001656
 Predicted MQL: 0.005518

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	.00010	.000	1
S1	.01000	.00929	-.001	-7.14	.00160	.000	1
S2	6.2500	6.0854	-.165	-2.63	.98721	.004	1
S3	12.500	12.399	-.101	-.808	2.0113	.002	1
S4	25.000	25.079	.079	.318	4.0681	.012	1
S5	50.000	50.187	.187	.374	8.1407	.027	1



Date of Fit: 7/19/2017 15:20:12

Type of Fit: Linear

Weighting: 1/Conc

A0 (Offset): 0.000384

Re-Slope: 1.000000

A1 (Gain): 0.059496

Y-int: 0.000000

A2 (Curvature): 0.000000

n (Exponent): 1.000000

Correlation: 0.999954

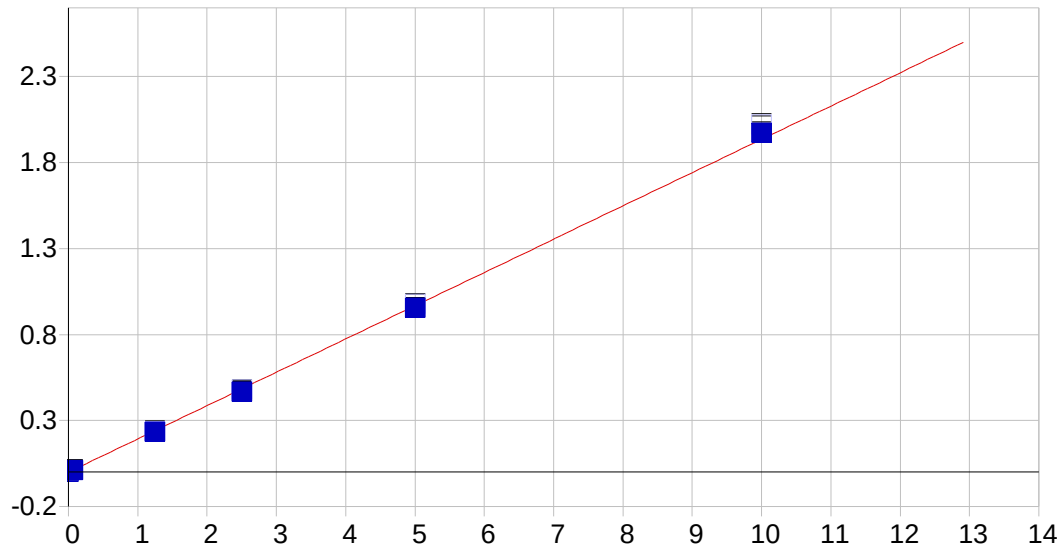
Status: OK.

Std Error of Est: 0.000018

Predicted MDL: 0.003304

Predicted MQL: 0.011013

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	.00038	.000	1
S1	.03500	.03685	.002	5.28	.00257	.000	1
S2	1.2500	1.2712	.021	1.70	.07574	.000	1
S3	2.5000	2.5402	.040	1.61	.15097	.001	1
S4	5.0000	5.0120	.012	.241	.29748	.001	1
S5	10.000	9.9247	-.075	-.753	.58866	.002	1

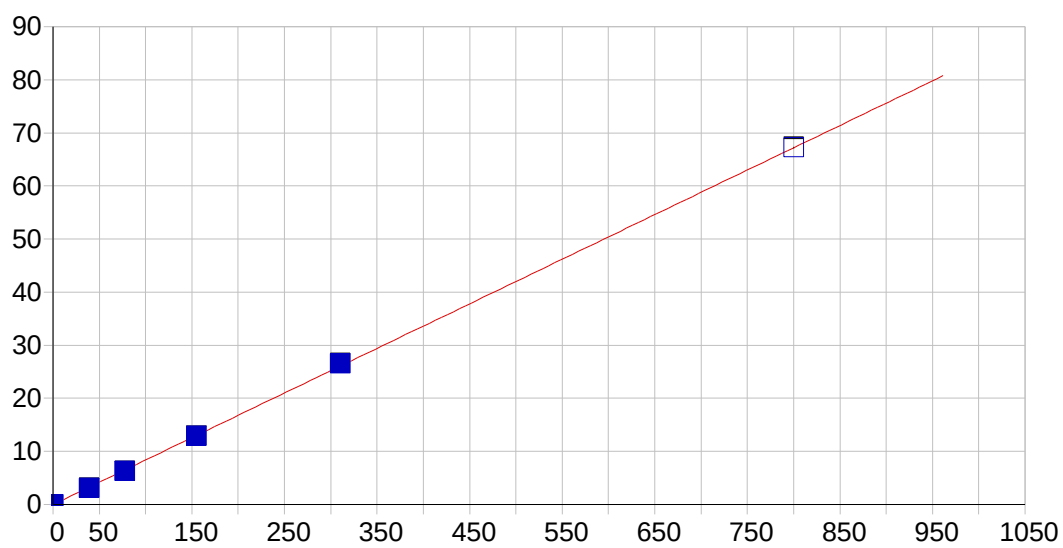


Sb 206.833 {463}

Date of Fit: 7/19/2017 15:20:12 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.000110 Re-Slope: 1.000000
 A1 (Gain): 0.193543 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999764 Status: OK.
 Std Error of Est: 0.000177
 Predicted MDL: 0.001406
 Predicted MQL: 0.004686

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	-.00011	.000	1
S1	.06000	.06308	.003	5.13	.01209	.000	1
S2	1.2500	1.2024	-.048	-3.81	.23842	.001	1
S3	2.5000	2.4165	-.083	-3.34	.47922	.002	1
S4	5.0000	4.9351	-.065	-1.30	.97831	.002	1
S5	10.000	10.193	.193	1.93	2.0192	.006	1

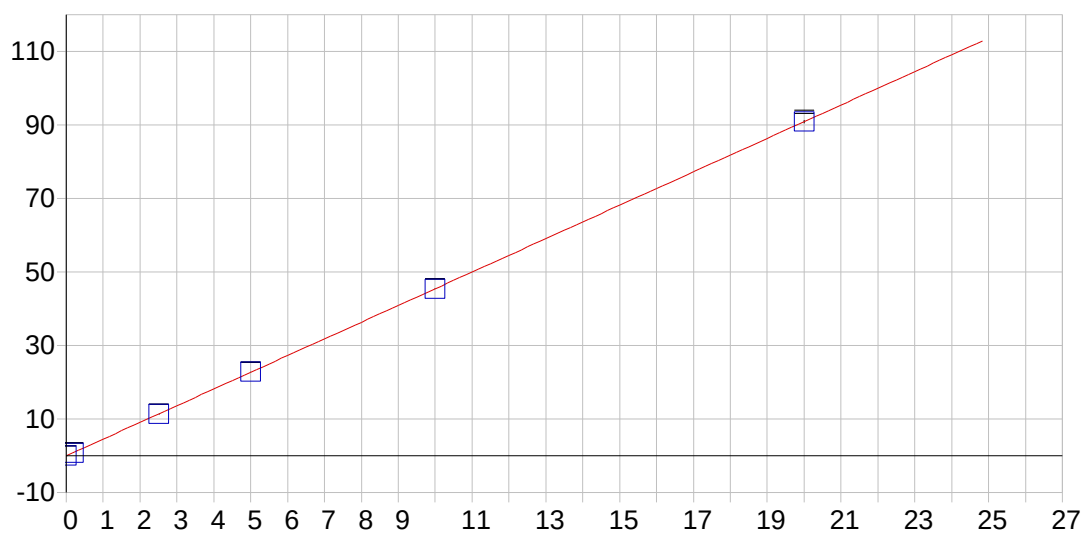


AI 396.152 { 85}

Date of Fit: 7/19/2017 15:20:12 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.000379 Re-Slope: 1.000000
 A1 (Gain): 0.083996 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999871 Status: OK.
 Std Error of Est: 0.000839
 Predicted MDL: 0.005792
 Predicted MQL: 0.019307

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00002	.000	.000	.00038	.000	1
S1	.20000	.19836	-.002	-.822	.01707	.000	1
S2	38.750	36.688	-2.06	-5.32	3.0859	.010	1
S3	77.500	74.464	-3.04	-3.92	6.2629	.013	1
S4	155.00	153.51	-1.49	-.963	12.910	.028	1
S5	310.00	315.93	5.93	1.91	26.568	.047	1
S6	800.00	800.67	.666	.083	67.253	.148	1

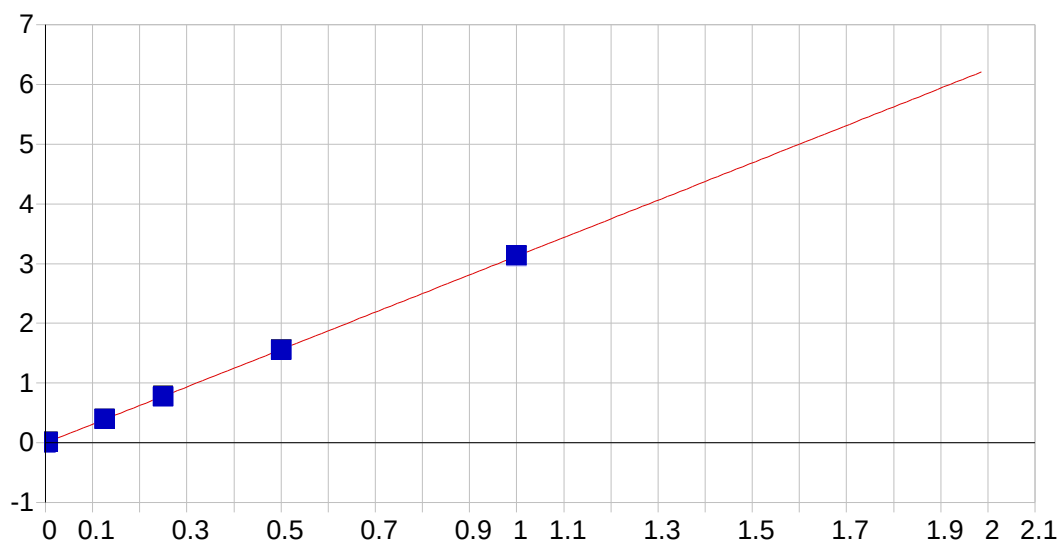


Ba 493.409 { 68}

Date of Fit: 7/19/2017 15:20:12 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.017947 Re-Slope: 1.000000
 A1 (Gain): 4.545084 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999982 Status: OK.
 Std Error of Est: 0.002880
 Predicted MDL: 0.000252
 Predicted MQL: 0.000840

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00002	.000	.000	-.01788	.001	1
S1	.20000	.18392	-.016	-8.04	.81800	.005	1
S2	2.5000	2.5047	.005	.188	11.366	.047	1
S3	5.0000	5.0137	.014	.274	22.770	.071	1
S4	10.000	9.9982	-.002	-.018	45.425	.070	1
S5	20.000	19.999	-.001	-.003	90.881	.390	1



Be 234.861 {144}

Date of Fit: 7/19/2017 15:20:12

Type of Fit: Linear

Weighting: 1/Conc

A0 (Offset): -0.001837

Re-Slope: 1.000000

A1 (Gain): 3.125576

Y-int: 0.000000

A2 (Curvature): 0.000000

n (Exponent): 1.000000

Correlation: 0.999989

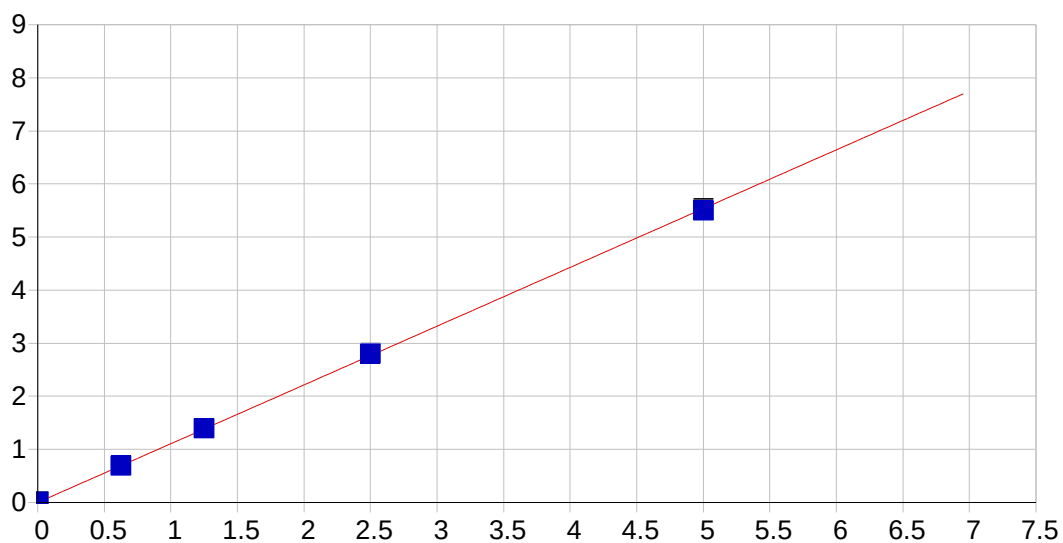
Status: OK.

Std Error of Est: 0.000054

Predicted MDL: 0.000085

Predicted MQL: 0.000282

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	-.00184	.000	1
S1	.00500	.00492	.000	-1.59	.01353	.000	1
S2	.12500	.12645	.001	1.16	.39208	.003	1
S3	.25000	.24813	-.002	-.747	.77109	.008	1
S4	.50000	.49861	-.001	-.279	1.5513	.008	1
S5	1.0000	1.0019	.002	.189	3.1192	.008	1



Cd 214.438 {457}

Date of Fit: 7/19/2017 15:20:12

Type of Fit: Linear

Weighting: 1/Conc

A0 (Offset): 0.000086

Re-Slope: 1.000000

A1 (Gain): 1.107507

Y-int: 0.000000

A2 (Curvature): 0.000000

n (Exponent): 1.000000

Correlation: 0.999965

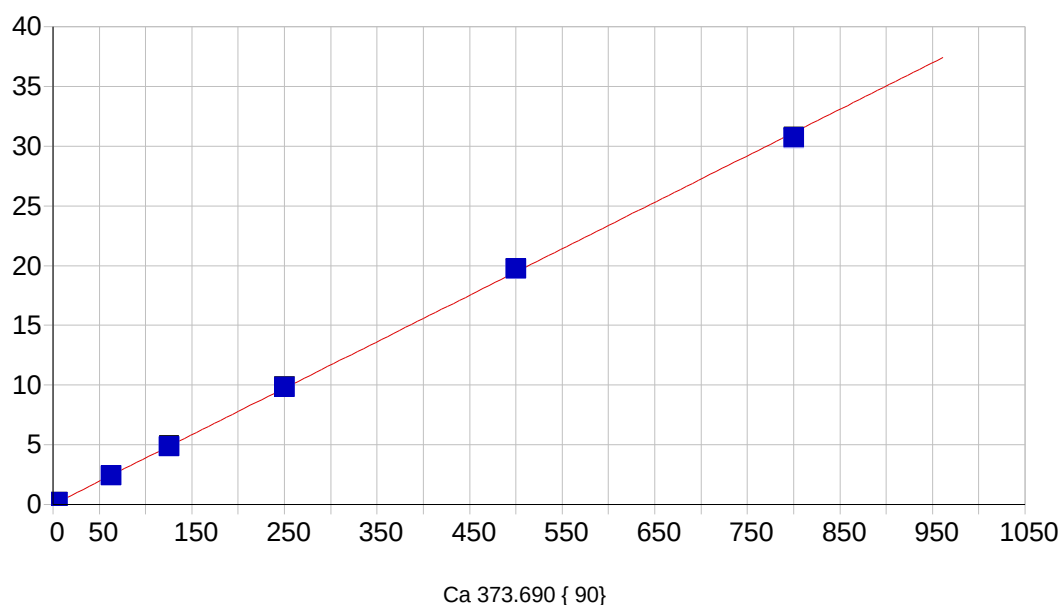
Status: OK.

Std Error of Est: 0.000078

Predicted MDL: 0.000155

Predicted MQL: 0.000516

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	.00008	.000	1
S1	.00500	.00562	.001	12.4	.00631	.000	1
S2	.62500	.62535	.000	.056	.69429	.003	1
S3	1.2500	1.2568	.007	.540	1.3952	.001	1
S4	2.5000	2.5272	.027	1.09	2.8055	.007	1
S5	5.0000	4.9651	-.035	-.699	5.5119	.022	1



Date of Fit: 7/19/2017 15:20:12

Type of Fit: Linear

Weighting: 1/Conc

A0 (Offset): 0.001100

Re-Slope: 1.000000

A1 (Gain): 0.038922

Y-int: 0.000000

A2 (Curvature): 0.000000

n (Exponent): 1.000000

Correlation: 0.999916

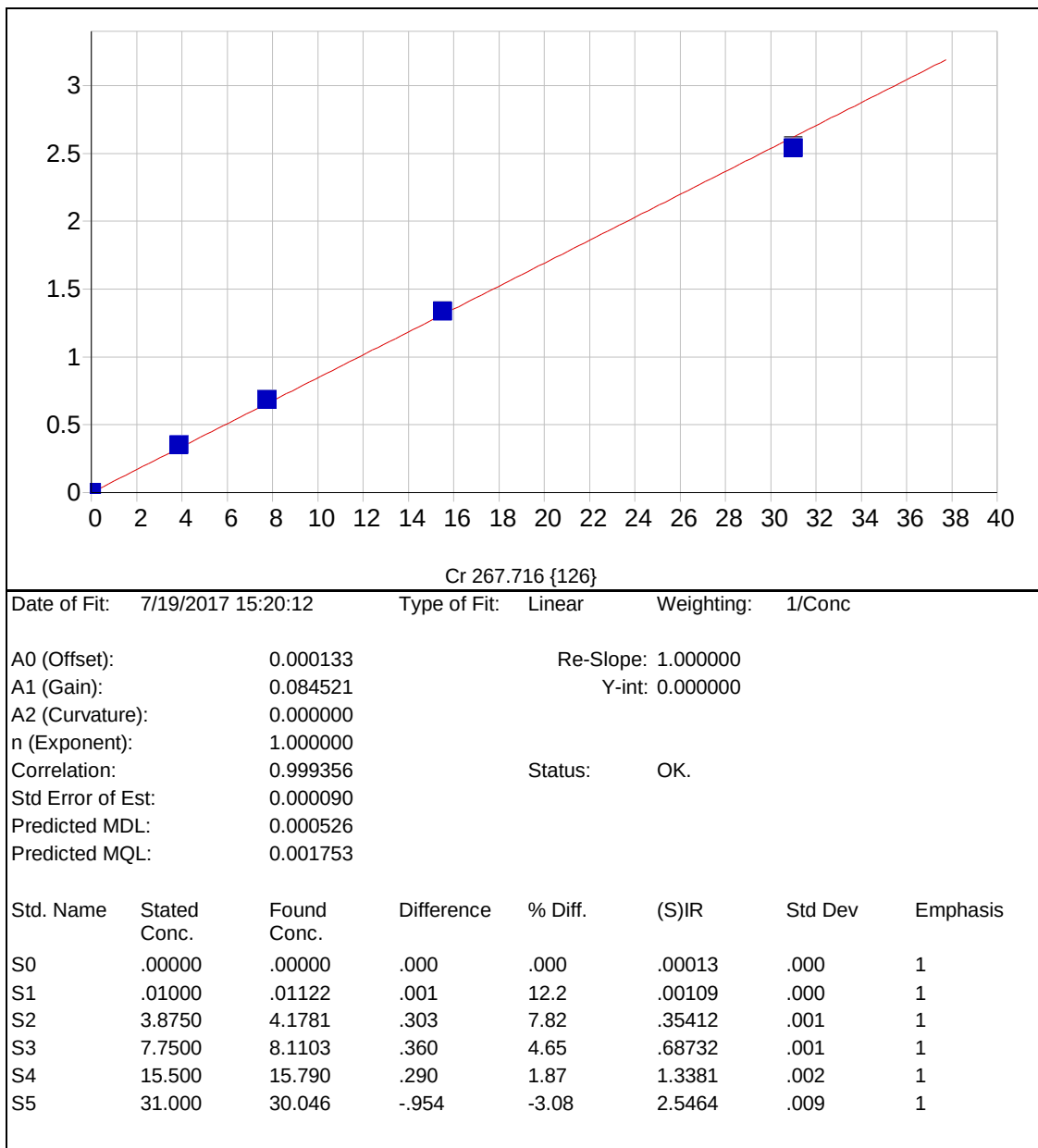
Status: OK.

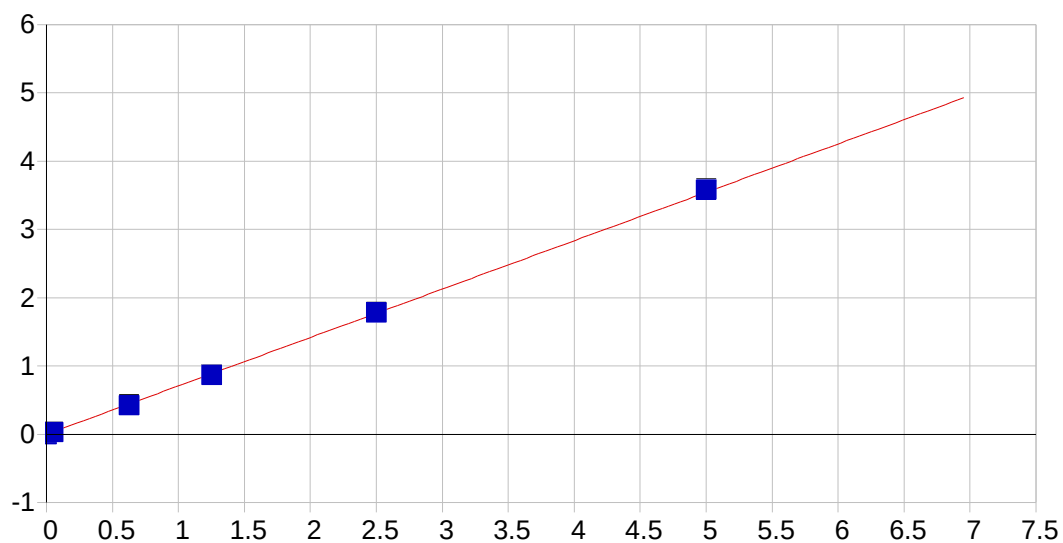
Std Error of Est: 0.001760

Predicted MDL: 0.011881

Predicted MQL: 0.039603

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00021	.000	.000	.00109	.000	1
S1	5.0000	5.0861	.086	1.72	.19905	.001	1
S2	62.500	63.056	.556	.889	2.4524	.001	1
S3	125.00	125.47	.472	.378	4.8788	.035	1
S4	250.00	253.04	3.04	1.22	9.8380	.034	1
S5	500.00	506.88	6.88	1.38	19.706	.031	1
S6	800.00	788.96	-11.0	-1.38	30.646	.047	1





Co 228.616 {448}

Date of Fit: 7/19/2017 15:20:12

Type of Fit: Linear

Weighting: 1/Conc

A0 (Offset): -0.000362

Re-Slope: 1.000000

A1 (Gain): 0.708926

Y-int: 0.000000

A2 (Curvature): 0.000000

n (Exponent): 1.000000

Correlation: 0.999855

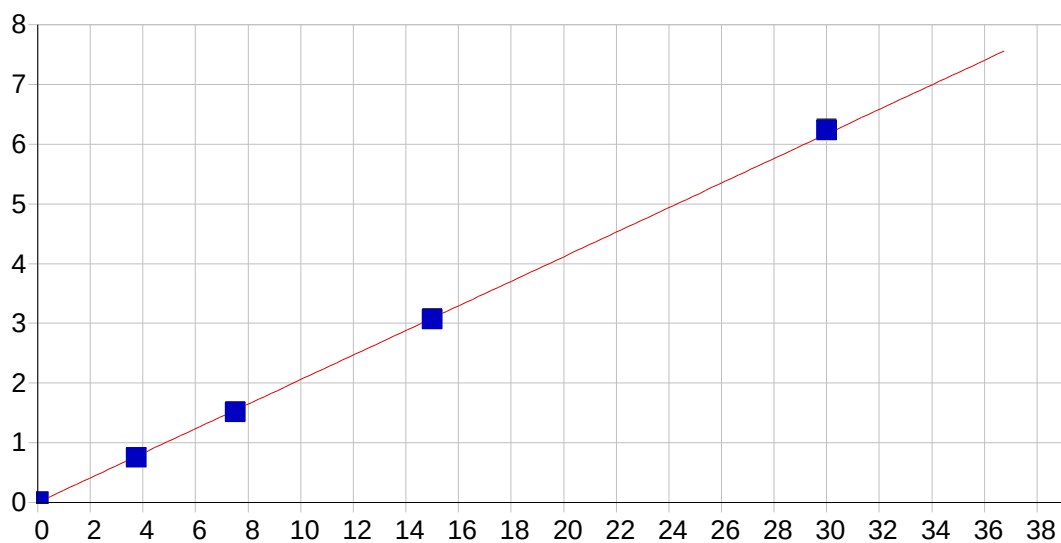
Status: OK.

Std Error of Est: 0.000321

Predicted MDL: 0.000255

Predicted MQL: 0.000850

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00001	.000	.000	-.00036	.000	1
S1	.05000	.04374	-.006	-12.5	.03078	.000	1
S2	.62500	.60026	-.025	-3.96	.42610	.002	1
S3	1.2500	1.2252	-.025	-1.98	.87009	.003	1
S4	2.5000	2.5074	.007	.296	1.7809	.006	1
S5	5.0000	5.0484	.048	.967	3.5860	.011	1



Cu 324.754 {104}

Date of Fit: 7/19/2017 15:20:12

Type of Fit: Linear

Weighting: 1/Conc

A0 (Offset): 0.001101

Re-Slope: 1.000000

A1 (Gain): 0.205654

Y-int: 0.000000

A2 (Curvature): 0.000000

n (Exponent): 1.000000

Correlation: 0.999911

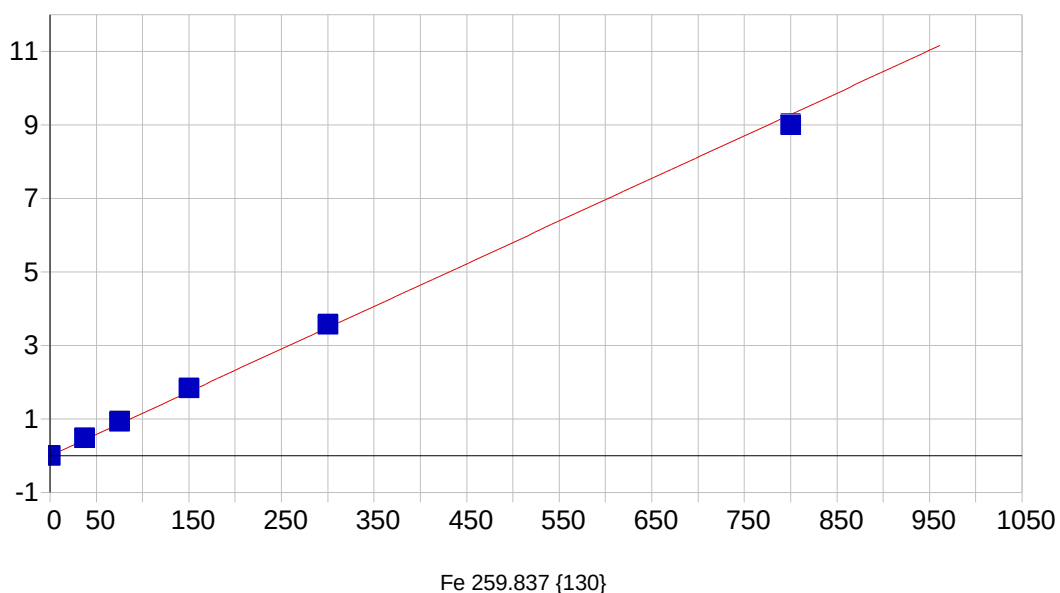
Status: OK.

Std Error of Est: 0.000126

Predicted MDL: 0.001457

Predicted MQL: 0.004858

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	.00110	.000	1
S1	.02500	.02698	.002	7.92	.00662	.000	1
S2	3.7500	3.6447	-.105	-2.81	.74844	.003	1
S3	7.5000	7.3531	-.147	-1.96	1.5089	.005	1
S4	15.000	14.922	-.078	-.520	3.0611	.009	1
S5	30.000	30.328	.328	1.09	6.2206	.018	1



Date of Fit: 7/19/2017 15:20:12

Type of Fit: Linear

Weighting: 1/Conc

A0 (Offset): 0.000070

Re-Slope: 1.000000

A1 (Gain): 0.011607

Y-int: 0.000000

A2 (Curvature): 0.000000

n (Exponent): 1.000000

Correlation: 0.999250

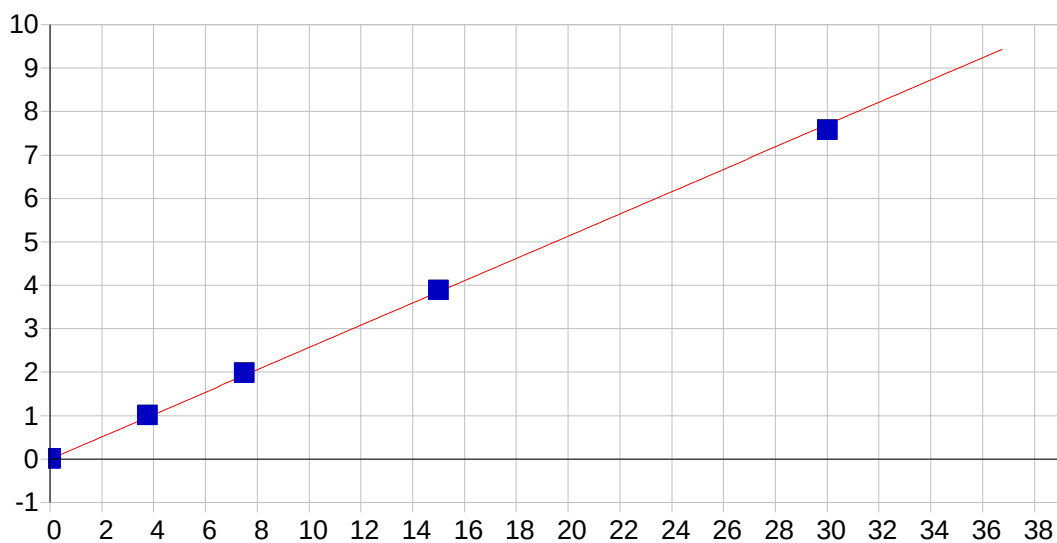
Status: OK.

Std Error of Est: 0.000197

Predicted MDL: 0.012871

Predicted MQL: 0.042904

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00004	.000	.000	.00007	.000	1
S1	.10000	.12319	.023	23.2	.00151	.000	1
S2	37.500	40.904	3.40	9.08	.47536	.002	1
S3	75.000	80.332	5.33	7.11	.93352	.007	1
S4	150.00	158.14	8.14	5.42	1.8376	.003	1
S5	300.00	307.34	7.34	2.45	3.5716	.006	1
S6	800.00	775.74	-24.3	-3.03	9.0088	.016	1

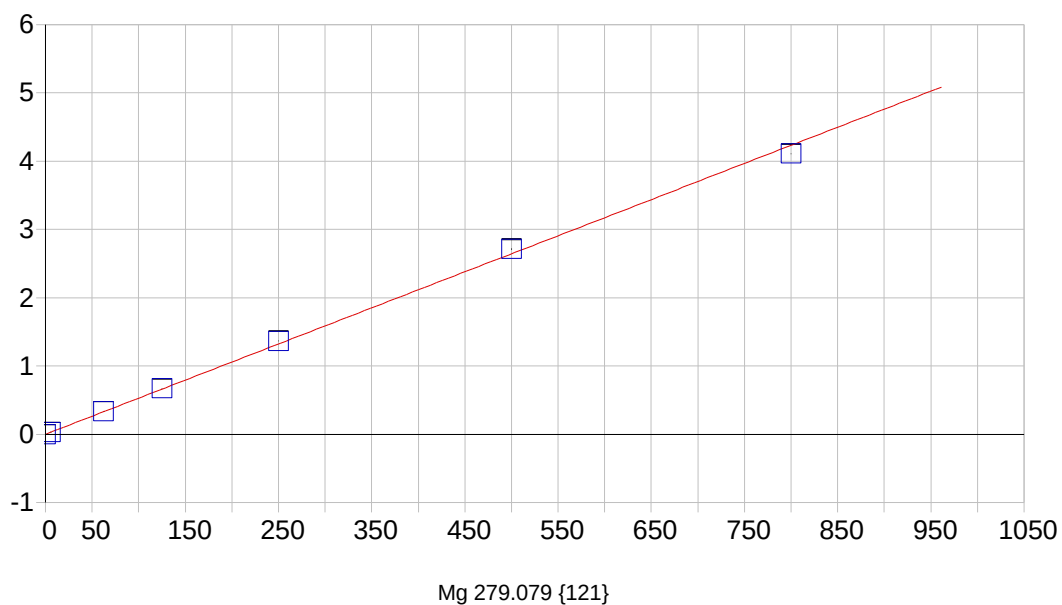


Mn 257.610 {131}

Date of Fit: 7/19/2017 15:20:12 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.000012 Re-Slope: 1.000000
 A1 (Gain): 0.256612 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999804 Status: OK.
 Std Error of Est: 0.000181
 Predicted MDL: 0.000651
 Predicted MQL: 0.002171

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	.00001	.000	1
S1	.01500	.01608	.001	7.21	.00414	.000	1
S2	3.7500	3.9212	.171	4.56	1.0064	.001	1
S3	7.5000	7.6941	.194	2.59	1.9748	.014	1
S4	15.000	15.126	.126	.842	3.8824	.010	1
S5	30.000	29.507	-.493	-1.64	7.5736	.017	1



Date of Fit: 7/19/2017 15:20:12

Type of Fit: Linear

Weighting: 1/Conc

A0 (Offset): -0.000103

Re-Slope: 1.000000

A1 (Gain): 0.005290

Y-int: 0.000000

A2 (Curvature): 0.000000

n (Exponent): 1.000000

Correlation: 0.999623

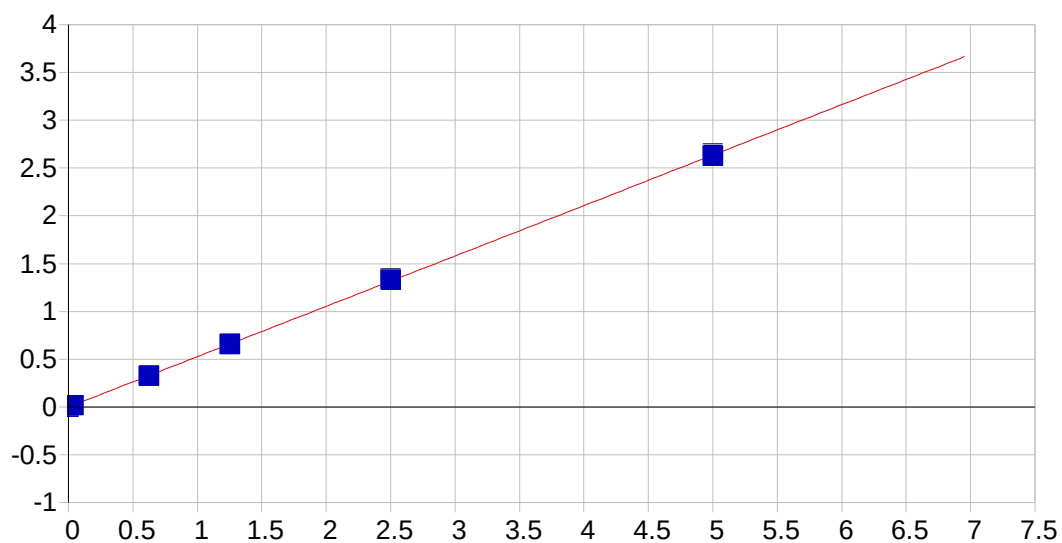
Status: OK.

Std Error of Est: 0.000507

Predicted MDL: 0.032571

Predicted MQL: 0.108569

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00037	.000	.000	-.00011	.000	1
S1	5.0000	5.1063	.106	2.13	.02691	.000	1
S2	62.500	62.966	.466	.745	.33299	.002	1
S3	125.00	126.98	1.98	1.58	.67160	.004	1
S4	250.00	258.02	8.02	3.21	1.3648	.002	1
S5	500.00	512.90	12.9	2.58	2.7131	.006	1
S6	800.00	776.54	-23.5	-2.93	4.1078	.005	1



Ni 231.604 {446}

Date of Fit: 7/19/2017 15:20:12

Type of Fit: Linear

Weighting: 1/Conc

A0 (Offset): -0.000935

Re-Slope: 1.000000

A1 (Gain): 0.527176

Y-int: 0.000000

A2 (Curvature): 0.000000

n (Exponent): 1.000000

Correlation: 0.999962

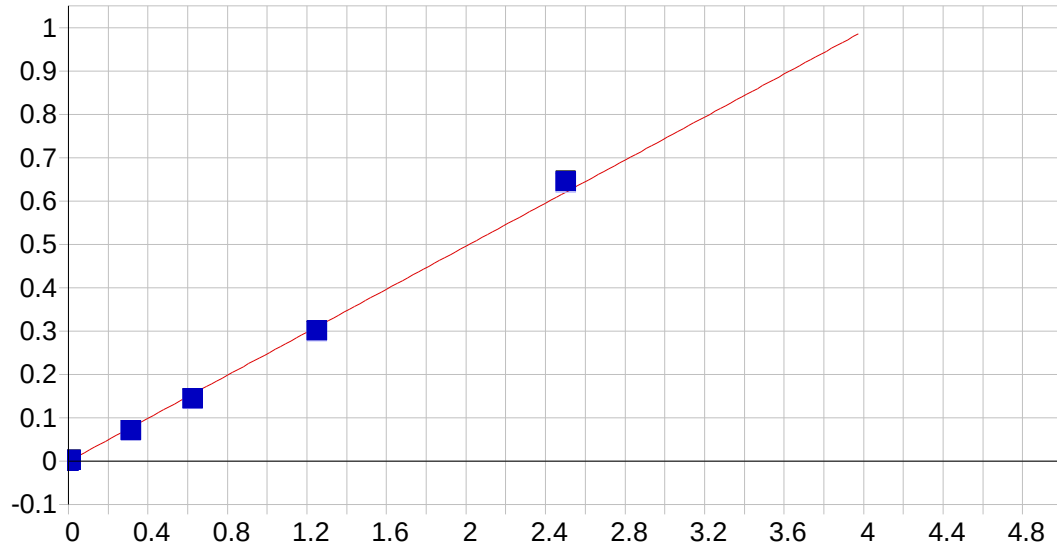
Status: OK.

Std Error of Est: 0.000110

Predicted MDL: 0.000399

Predicted MQL: 0.001329

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	-.00093	.000	1
S1	.04000	.03665	-.003	-8.37	.01841	.000	1
S2	.62500	.61579	-.009	-1.47	.32543	.001	1
S3	1.2500	1.2447	-.005	-.427	.65869	.002	1
S4	2.5000	2.5264	.026	1.06	1.3379	.002	1
S5	5.0000	4.9915	-.009	-.170	2.6443	.008	1

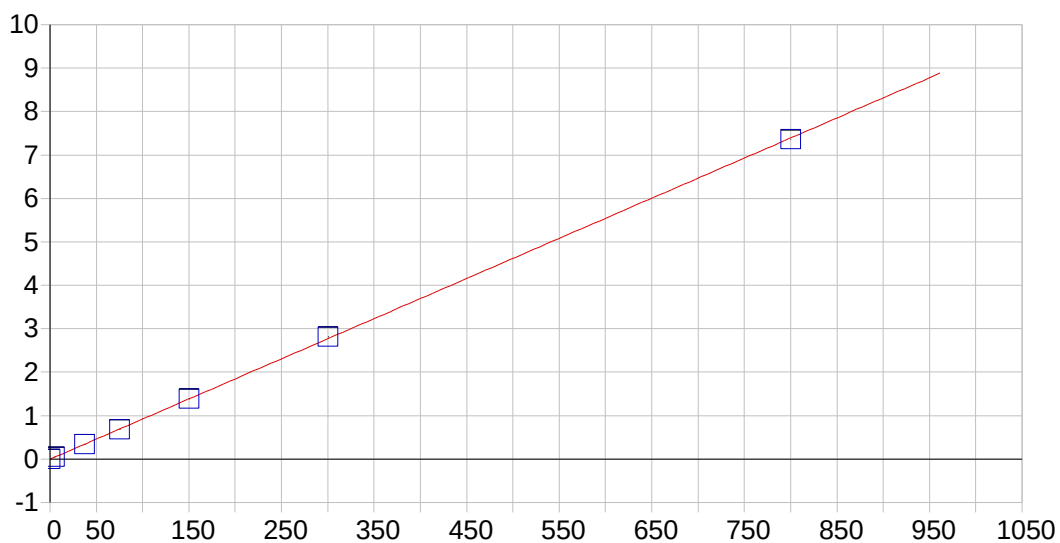


Ag 328.068 {103}

Date of Fit: 7/19/2017 15:20:12 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.000304 Re-Slope: 1.000000
 A1 (Gain): 0.248039 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.998876 Status: OK.
 Std Error of Est: 0.000098
 Predicted MDL: 0.000283
 Predicted MQL: 0.000944

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	-.00030	.000	1
S1	.01000	.00876	-.001	-12.4	.00186	.000	1
S2	.31250	.28766	-.025	-7.95	.07052	.000	1
S3	.62500	.58224	-.043	-6.84	.14306	.000	1
S4	1.2500	1.2144	-.036	-2.85	.29880	.001	1
S5	2.5000	2.6045	.104	4.18	.64147	.000	1



Na 818.326 { 41}

Date of Fit: 7/19/2017 15:20:12

Type of Fit: Linear

Weighting: 1/Conc

A0 (Offset): -0.002932

Re-Slope: 1.000000

A1 (Gain): 0.009243

Y-int: 0.000000

A2 (Curvature): 0.000000

n (Exponent): 1.000000

Correlation: 0.999955

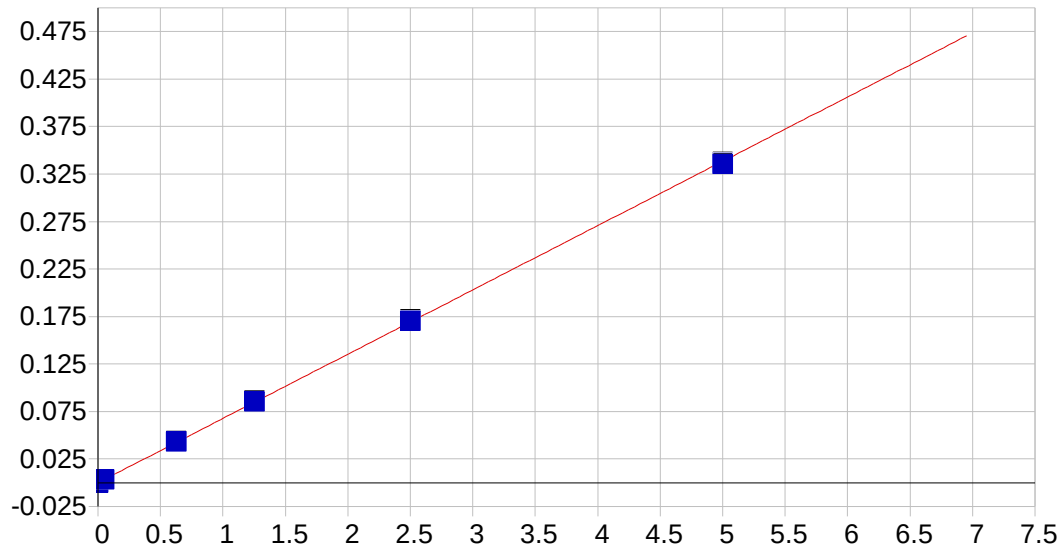
Status: OK.

Std Error of Est: 0.000272

Predicted MDL: 0.114997

Predicted MQL: 0.383324

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00005	.000	.000	-.00293	.002	1
S1	5.0000	5.0412	.041	.824	.04366	.001	1
S2	37.500	36.665	-.835	-2.23	.33595	.000	1
S3	75.000	74.189	-.811	-1.08	.68278	.002	1
S4	150.00	150.61	.611	.407	1.3891	.003	1
S5	300.00	304.76	4.76	1.59	2.8139	.004	1
S6	800.00	796.23	-3.77	-.471	7.3565	.003	1



V 292.402 {115}

Date of Fit: 7/19/2017 15:20:12

Type of Fit: Linear

Weighting: 1/Conc

A0 (Offset): -0.000018

Re-Slope: 1.000000

A1 (Gain): 0.067690

Y-int: 0.000000

A2 (Curvature): 0.000000

n (Exponent): 1.000000

Correlation: 0.999944

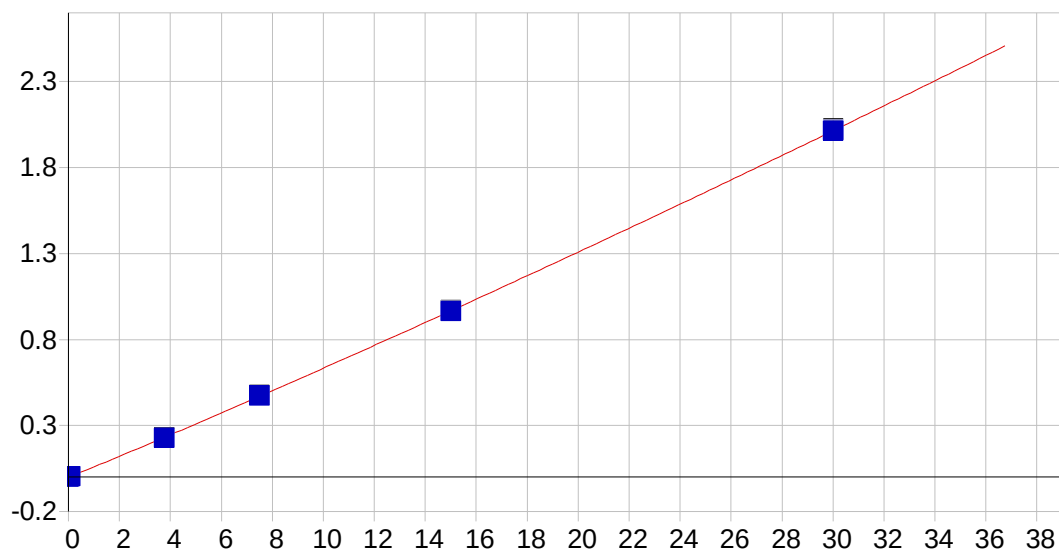
Status: OK.

Std Error of Est: 0.000019

Predicted MDL: 0.002895

Predicted MQL: 0.009648

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	-.00002	.000	1
S1	.05000	.04749	-.003	-5.02	.00321	.000	1
S2	.62500	.64070	.016	2.51	.04353	.000	1
S3	1.2500	1.2608	.011	.867	.08568	.001	1
S4	2.5000	2.5166	.017	.665	.17103	.001	1
S5	5.0000	4.9593	-.041	-.813	.33708	.001	1

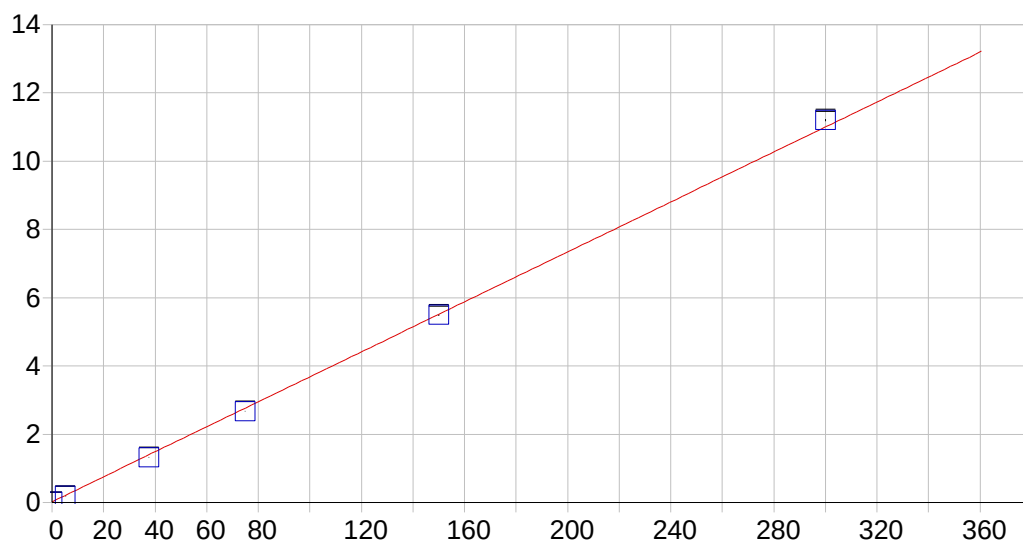


Zn 213.856 {158}

Date of Fit: 7/19/2017 15:20:12 Type of Fit: Full Fit Weighting: 1/Conc

A0 (Offset): -0.000530 Re-Slope: 1.000000
 A1 (Gain): 0.059472 Y-int: 0.000000
 A2 (Curvature): 0.000102
 n (Exponent): 1.020000
 Correlation: 0.999993 Status: Warning Positive Curvature
 Std Error of Est: 0.000025
 Predicted MDL: 0.010218
 Predicted MQL: 0.034059

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	-.00053	.000	1
S1	.06000	.06452	.005	7.53	.00312	.000	1
S2	3.7500	3.7216	-.028	-.756	.22872	.002	1
S3	7.5000	7.5469	.047	.625	.47418	.002	1
S4	15.000	14.972	-.028	-.189	.96698	.004	1
S5	30.000	30.006	.006	.019	2.0190	.007	1



K 769.896 { 44}

Date of Fit: 7/19/2017 15:20:12

Type of Fit: Linear

Weighting: 1/Conc

A0 (Offset): 0.022223

Re-Slope: 1.000000

A1 (Gain): 0.036603

Y-int: 0.000000

A2 (Curvature): 0.000000

n (Exponent): 1.000000

Correlation: 0.999731

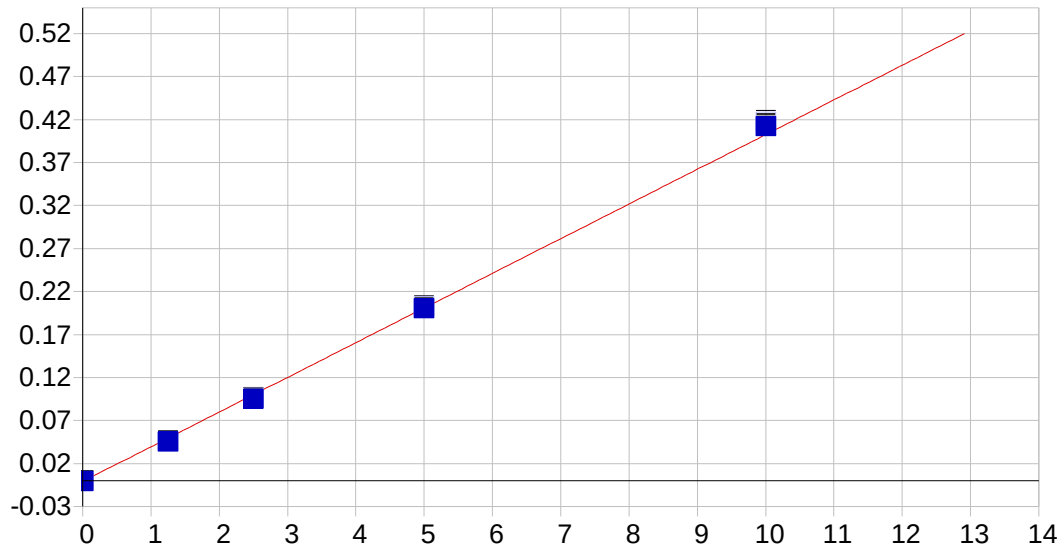
Status: OK.

Std Error of Est: 0.001751

Predicted MDL: 0.028166

Predicted MQL: 0.093888

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00058	.001	.000	.02224	.001	1
S1	5.0000	4.7900	-.210	-4.20	.19755	.002	1
S2	37.500	35.482	-2.02	-5.38	1.3210	.007	1
S3	75.000	72.431	-2.57	-3.42	2.6734	.008	1
S4	150.00	149.39	-.611	-.408	5.4903	.018	1
S5	300.00	305.41	5.41	1.80	11.201	.029	1



P 177.495 {490}

Date of Fit: 7/19/2017 15:20:12

Type of Fit: Linear

Weighting: 1/Conc

A0 (Offset): -0.000871

Re-Slope: 1.000000

A1 (Gain): 0.040342

Y-int: 0.000000

A2 (Curvature): 0.000000

n (Exponent): 1.000000

Correlation: 0.999456

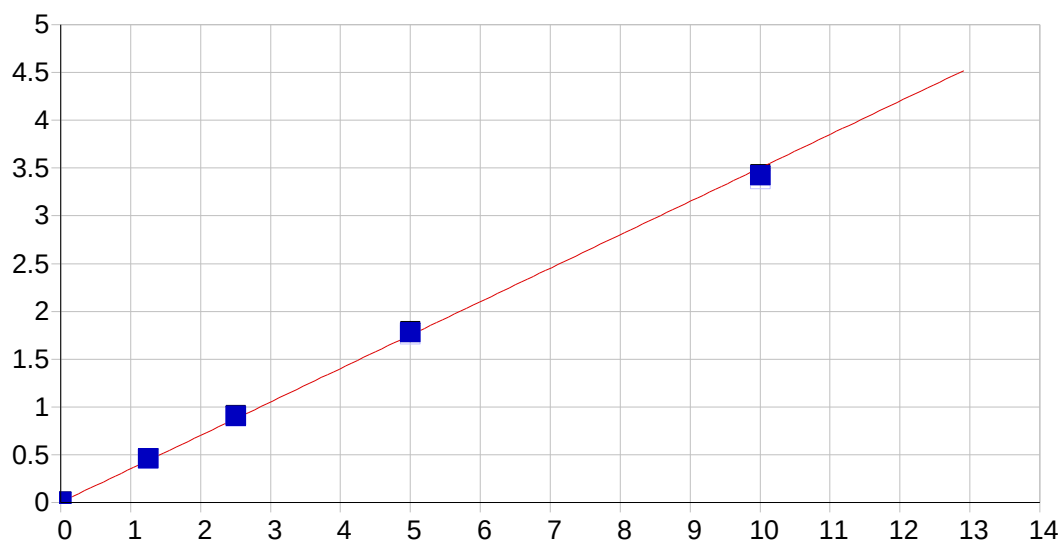
Status: OK.

Std Error of Est: 0.000023

Predicted MDL: 0.002764

Predicted MQL: 0.009213

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	-.00087	.000	1
S1	.01000	.01280	.003	28.0	-.00035	.000	1
S2	1.2500	1.1425	-.107	-8.60	.04587	.001	1
S3	2.5000	2.3838	-.116	-4.65	.09660	.000	1
S4	5.0000	4.9864	-.014	-.272	.20290	.001	1
S5	10.000	10.234	.234	2.34	.41722	.002	1

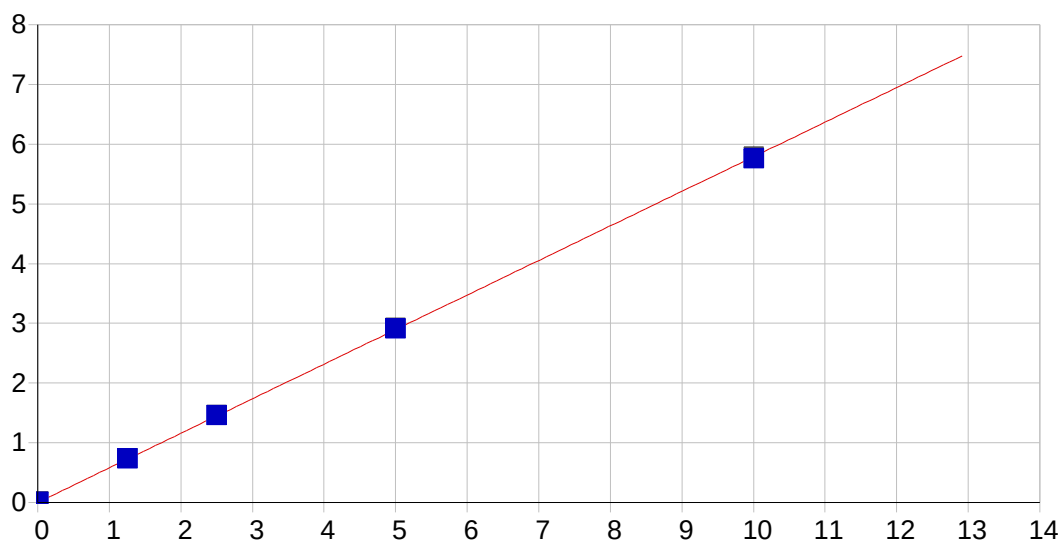


B 249.678 {135}

Date of Fit: 7/19/2017 15:20:12 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.002266 Re-Slope: 1.000000
 A1 (Gain): 0.349886 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999685 Status: OK.
 Std Error of Est: 0.000145
 Predicted MDL: 0.000864
 Predicted MQL: 0.002878

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	.00227	.000	1
S1	.01000	.01138	.001	13.8	.00626	.000	1
S2	1.2500	1.3044	.054	4.35	.45318	.002	1
S3	2.5000	2.5826	.083	3.30	.89493	.006	1
S4	5.0000	5.0826	.083	1.65	1.7587	.011	1
S5	10.000	9.7790	-.221	-2.21	3.3800	.010	1



Date of Fit: 7/19/2017 15:20:12

Type of Fit: Linear

Weighting: 1/Conc

A0 (Offset): 0.000410

Re-Slope: 1.000000

A1 (Gain): 0.578865

Y-int: 0.000000

A2 (Curvature): 0.000000

n (Exponent): 1.000000

Correlation: 0.999982

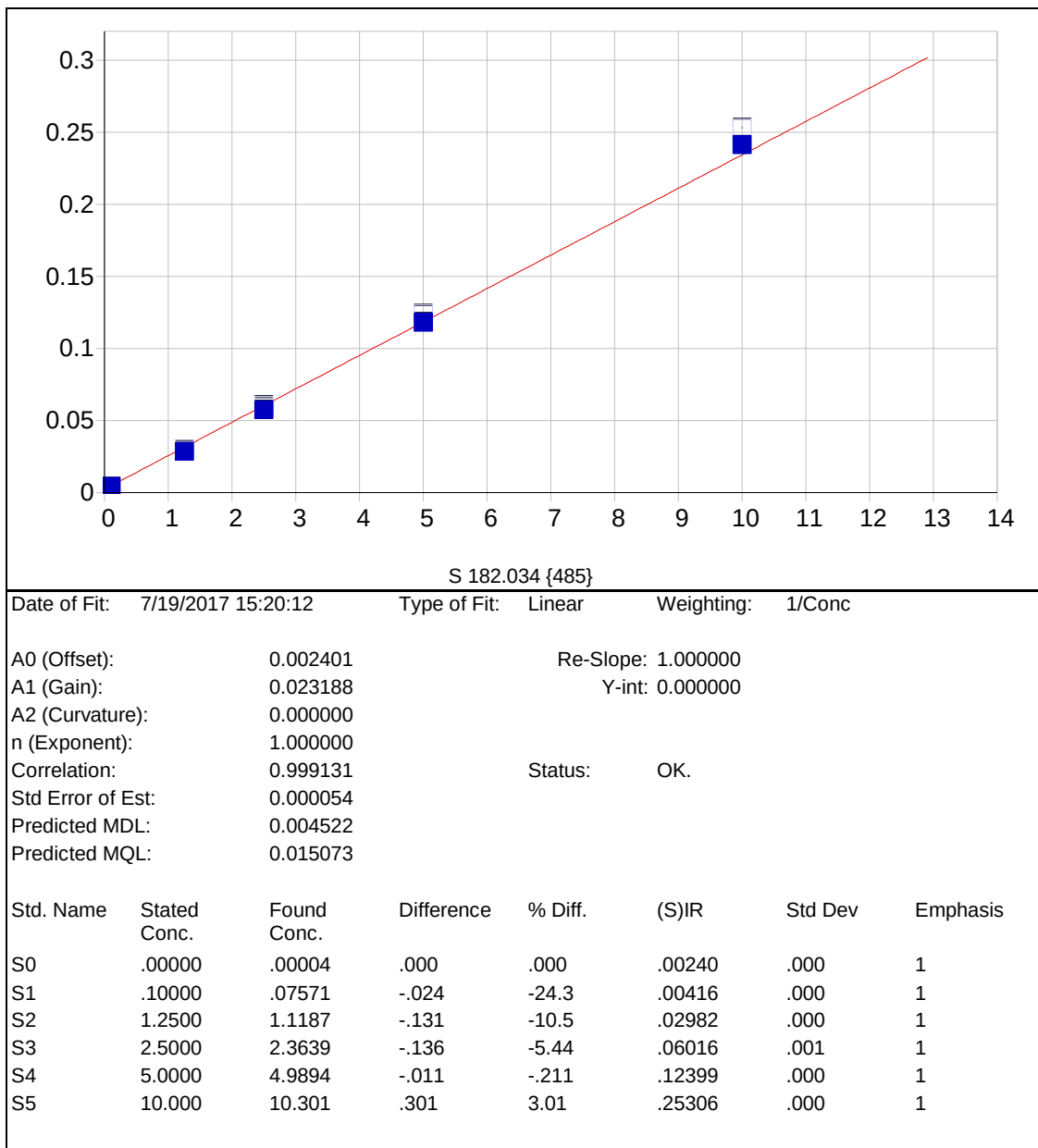
Status: OK.

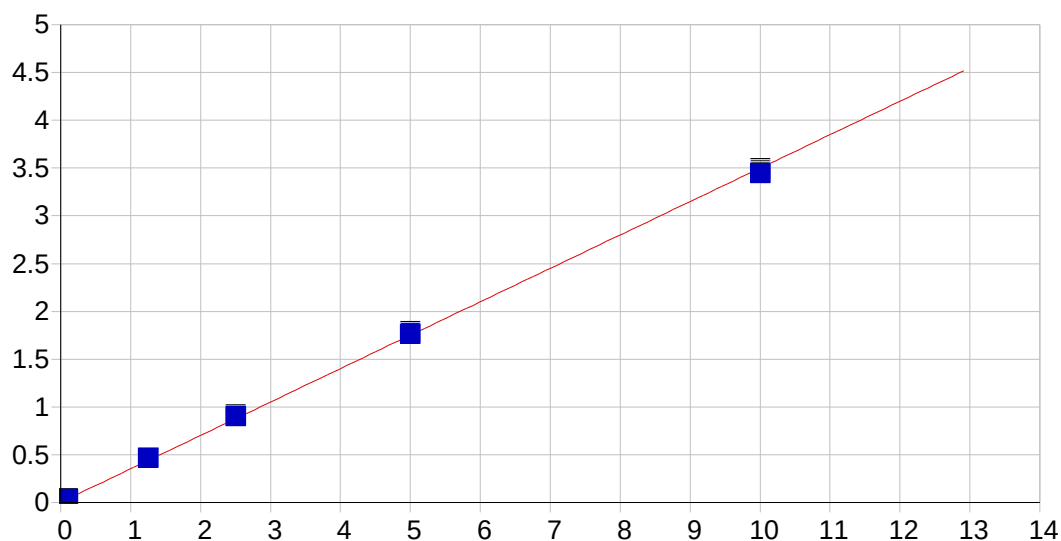
Std Error of Est: 0.000058

Predicted MDL: 0.000379

Predicted MQL: 0.001262

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	.00041	.000	1
S1	.01000	.01063	.001	6.29	.00658	.000	1
S2	1.2500	1.2636	.014	1.09	.73250	.001	1
S3	2.5000	2.5159	.016	.638	1.4581	.005	1
S4	5.0000	5.0231	.023	.461	2.9107	.006	1
S5	10.000	9.9468	-.053	-.532	5.7635	.021	1



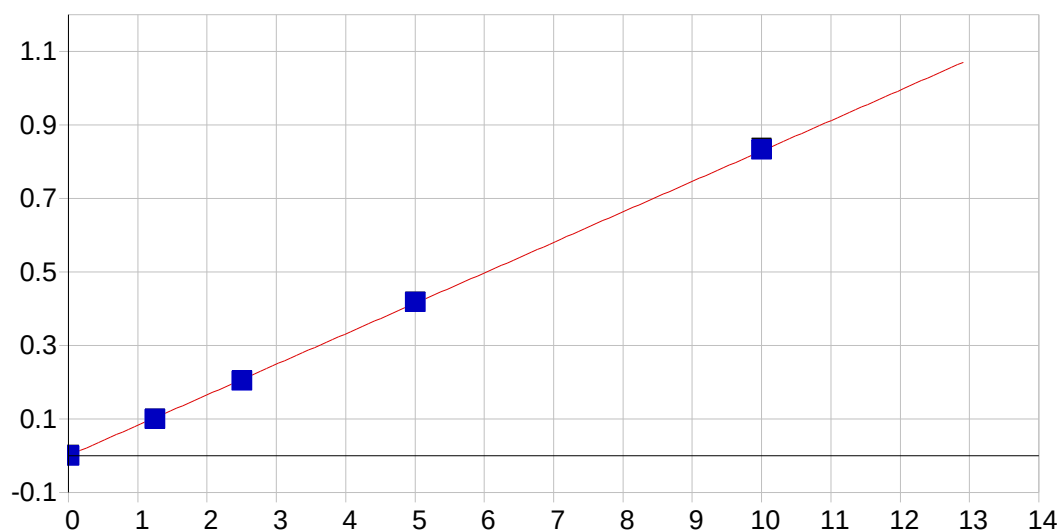


Si 251.611 {134}

Date of Fit: 7/19/2017 15:20:12 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.002689 Re-Slope: 1.000000
 A1 (Gain): 0.349640 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999782 Status: OK.
 Std Error of Est: 0.000393
 Predicted MDL: 0.000893
 Predicted MQL: 0.002978

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00001	.000	.000	.00269	.000	1
S1	.10000	.09860	-.001	-1.40	.03729	.001	1
S2	1.2500	1.3203	.070	5.63	.46948	.004	1
S3	2.5000	2.5639	.064	2.56	.90943	.007	1
S4	5.0000	5.0294	.029	.587	1.7817	.010	1
S5	10.000	9.8377	-.162	-1.62	3.4835	.010	1



Sn 189.989 {478}

Date of Fit: 7/19/2017 15:20:12

Type of Fit: Linear

Weighting: 1/Conc

A0 (Offset): 0.000029

Re-Slope: 1.000000

A1 (Gain): 0.082913

Y-int: 0.000000

A2 (Curvature): 0.000000

n (Exponent): 1.000000

Correlation: 0.999909

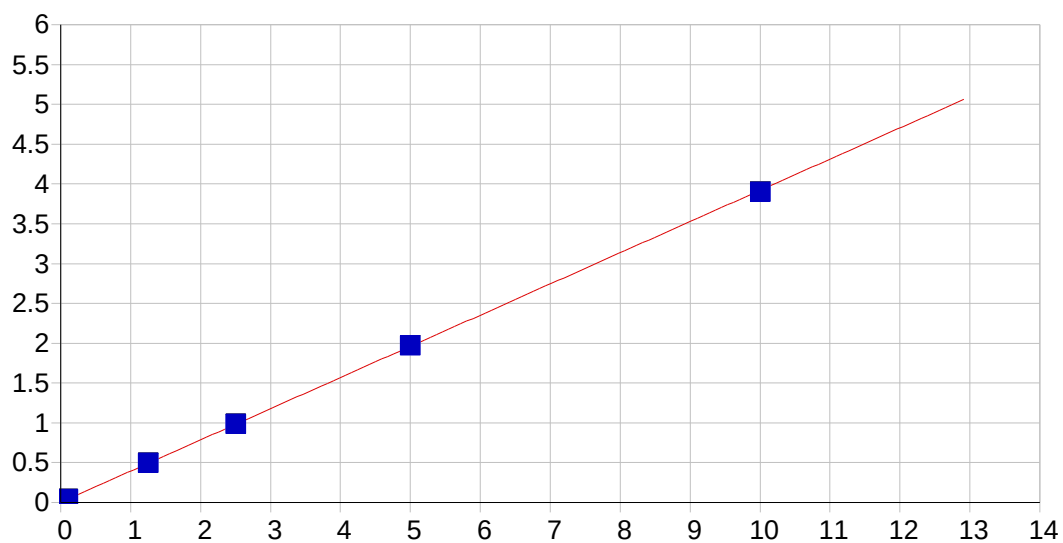
Status: OK.

Std Error of Est: 0.000016

Predicted MDL: 0.001381

Predicted MQL: 0.004602

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	.00003	.000	1
S1	.00700	.00819	.001	17.0	.00070	.000	1
S2	1.2500	1.2009	-.049	-3.93	.09952	.000	1
S3	2.5000	2.4579	-.042	-1.69	.20366	.001	1
S4	5.0000	5.0391	.039	.782	.41751	.000	1
S5	10.000	10.051	.051	.509	.83273	.003	1

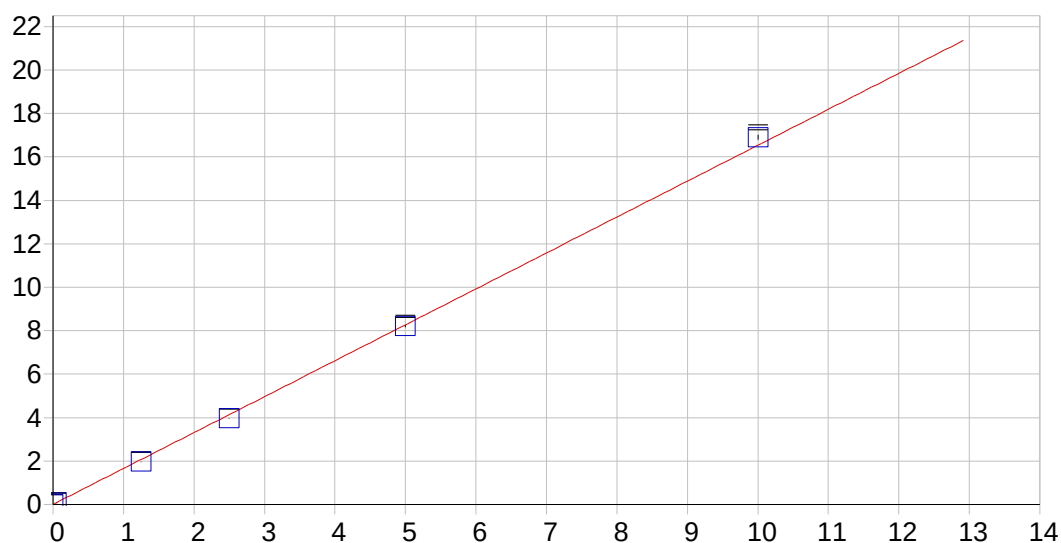


Ti 336.121 {100}

Date of Fit: 7/19/2017 15:20:12 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.001982 Re-Slope: 1.000000
 A1 (Gain): 0.391821 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999984 Status: OK.
 Std Error of Est: 0.000116
 Predicted MDL: 0.000849
 Predicted MQL: 0.002831

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	.00198	.000	1
S1	.10000	.10254	.003	2.54	.04215	.000	1
S2	1.2500	1.2591	.009	.725	.49514	.002	1
S3	2.5000	2.5118	.012	.472	.98582	.002	1
S4	5.0000	5.0270	.027	.540	1.9710	.001	1
S5	10.000	9.9496	-.050	-.504	3.8991	.004	1



Li 670.784 { 50}

Date of Fit: 7/19/2017 15:20:12

Type of Fit: Linear

Weighting: 1/Conc

A0 (Offset): 0.004823

Re-Slope: 1.000000

A1 (Gain): 1.653360

Y-int: 0.000000

A2 (Curvature): 0.000000

n (Exponent): 1.000000

Correlation: 0.999639

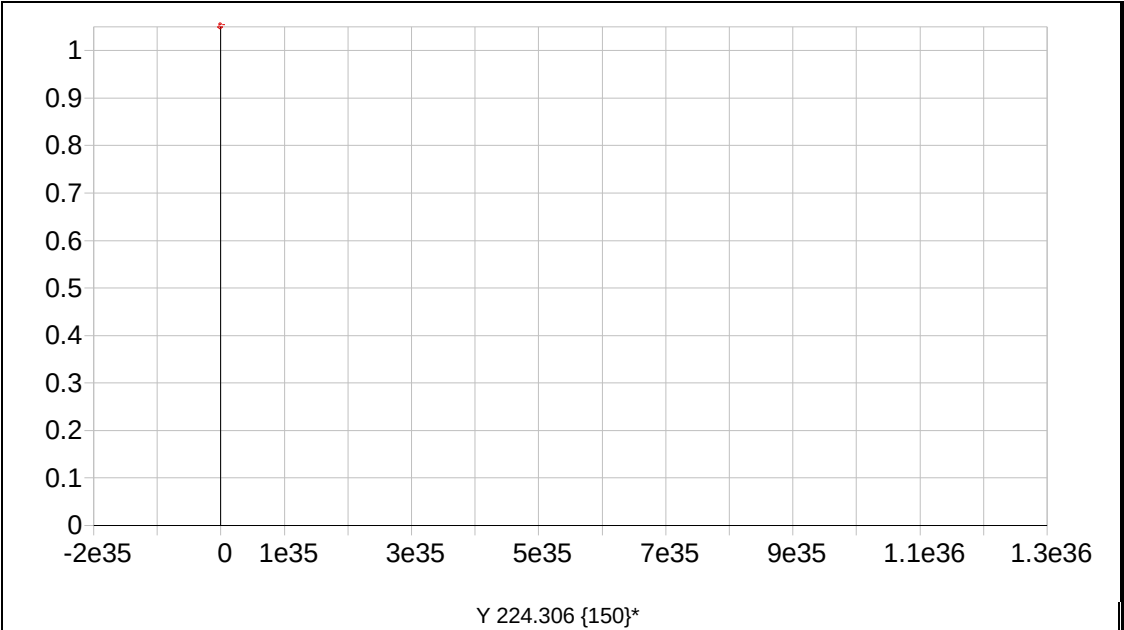
Status: OK.

Std Error of Est: 0.001667

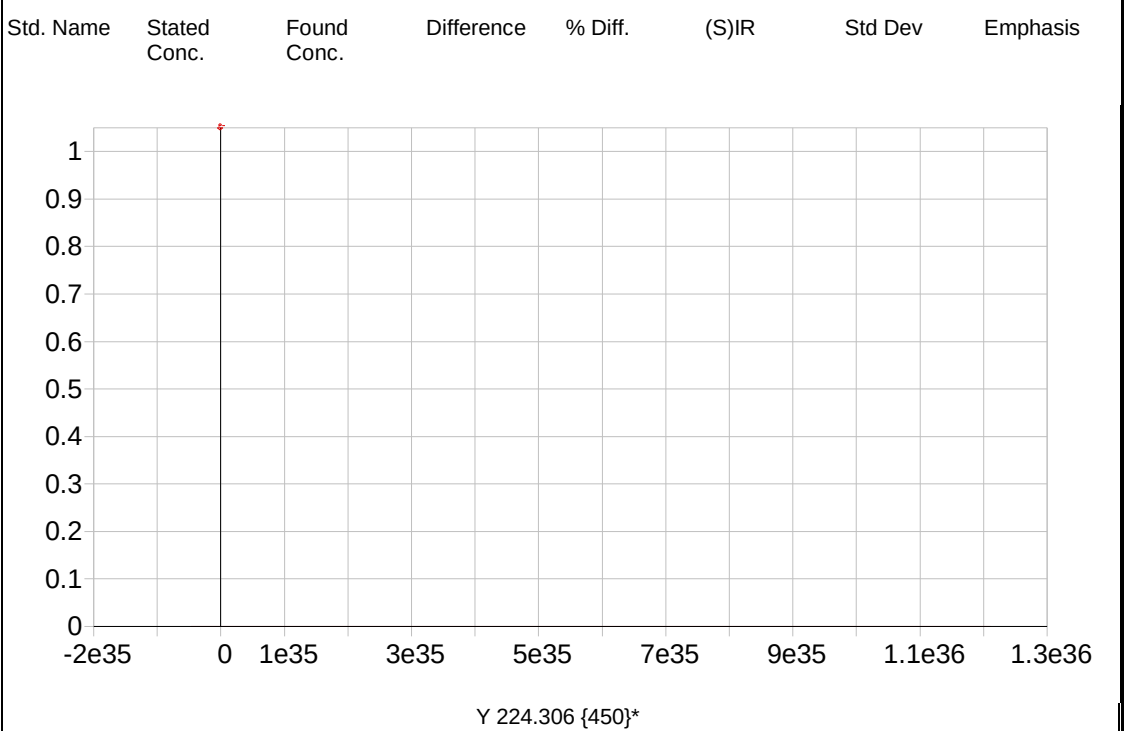
Predicted MDL: 0.000617

Predicted MQL: 0.002057

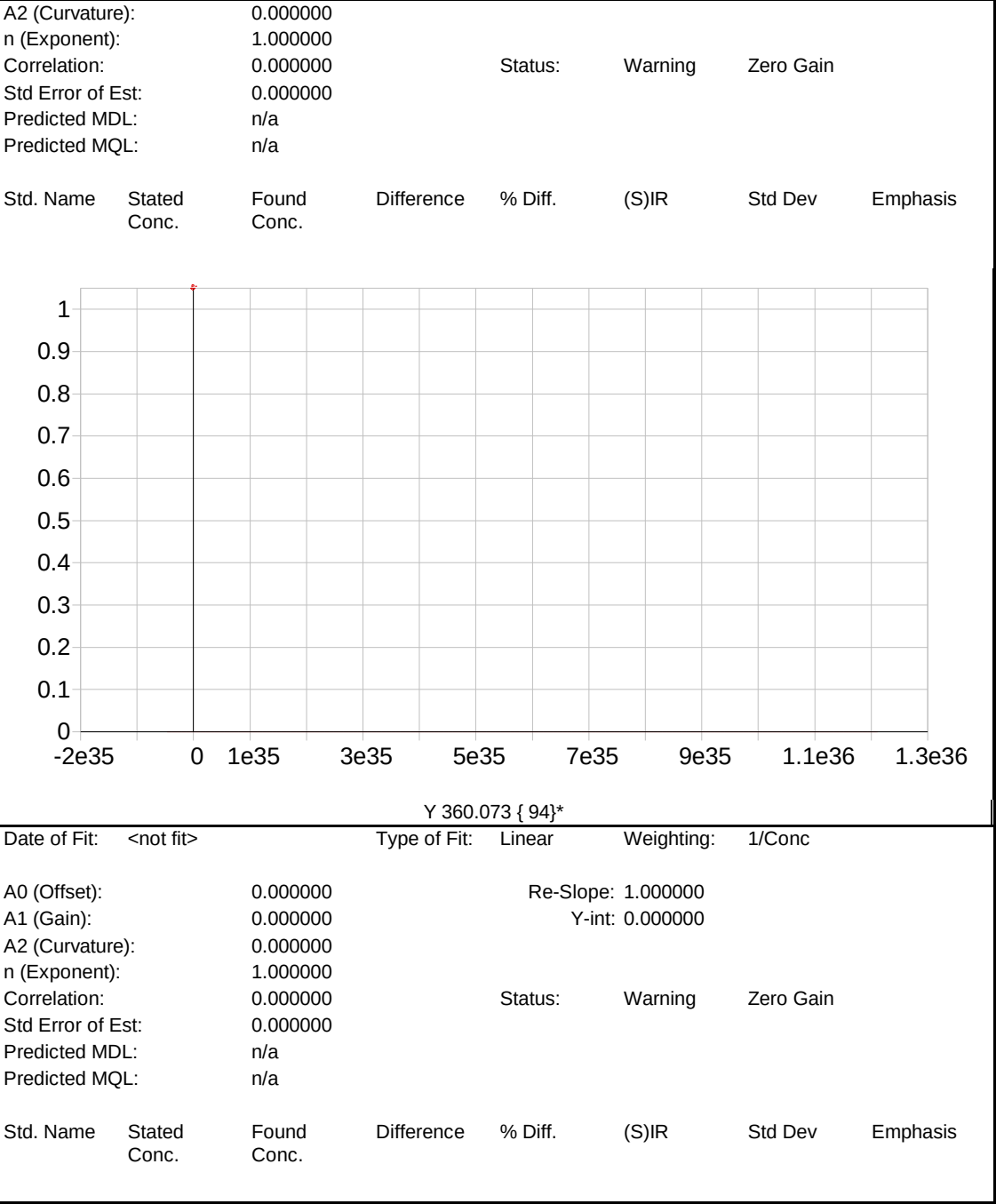
Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00001	.000	.000	.00483	.001	1
S5	10.000	10.216	.216	2.16	16.896	.114	1
S4	5.0000	4.9638	-.036	-.725	8.2117	.050	1
S3	2.5000	2.3898	-.110	-4.41	3.9560	.013	1
S2	1.2500	1.1822	-.068	-5.43	1.9594	.015	1
S1	.05000	.04795	-.002	-4.11	.08410	.001	1

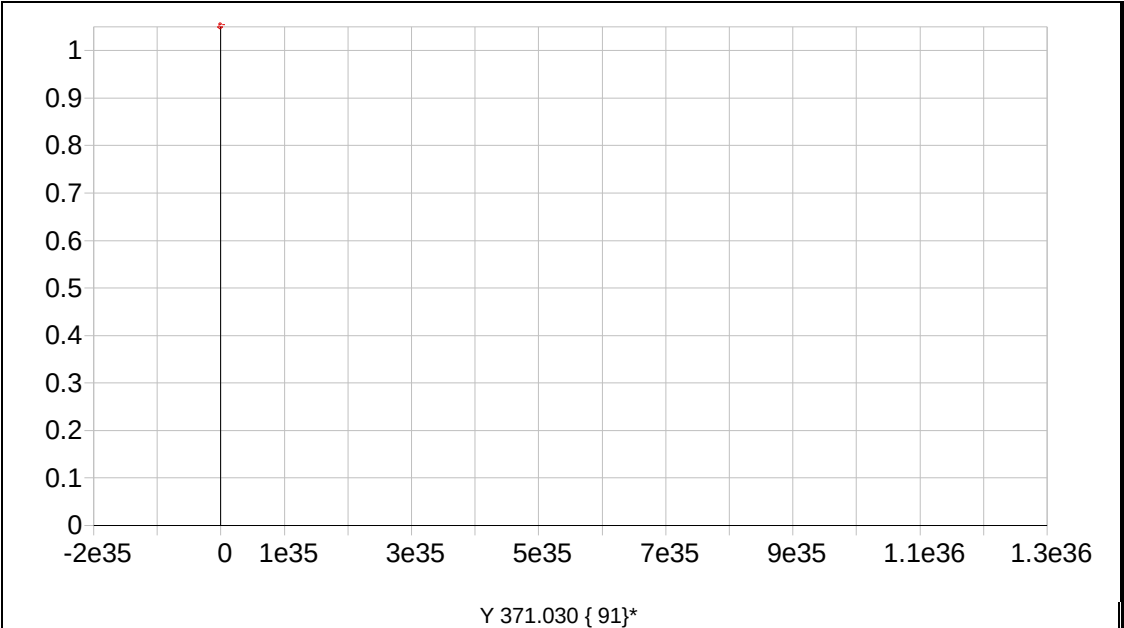


A0 (Offset):	0.000000	Re-Slope: 1.000000
A1 (Gain):	0.000000	Y-int: 0.000000
A2 (Curvature):	0.000000	
n (Exponent):	1.000000	
Correlation:	0.000000	Status: Warning Zero Gain
Std Error of Est:	0.000000	
Predicted MDL:	n/a	
Predicted MQL:	n/a	



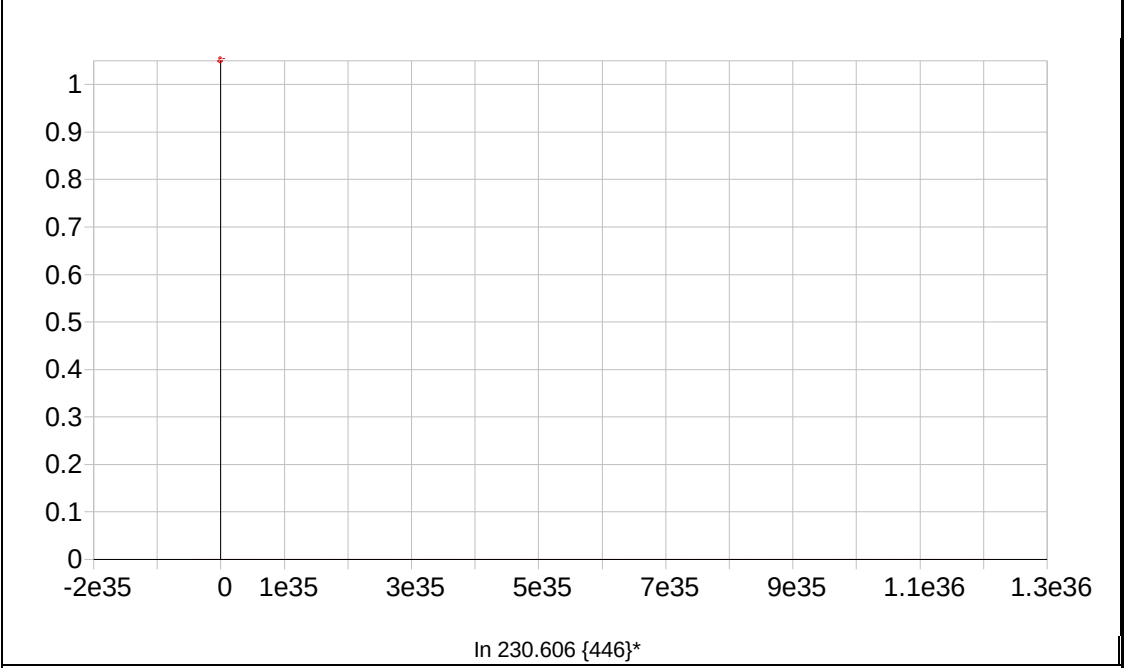
A0 (Offset):	0.000000	Re-Slope: 1.000000
A1 (Gain):	0.000000	Y-int: 0.000000



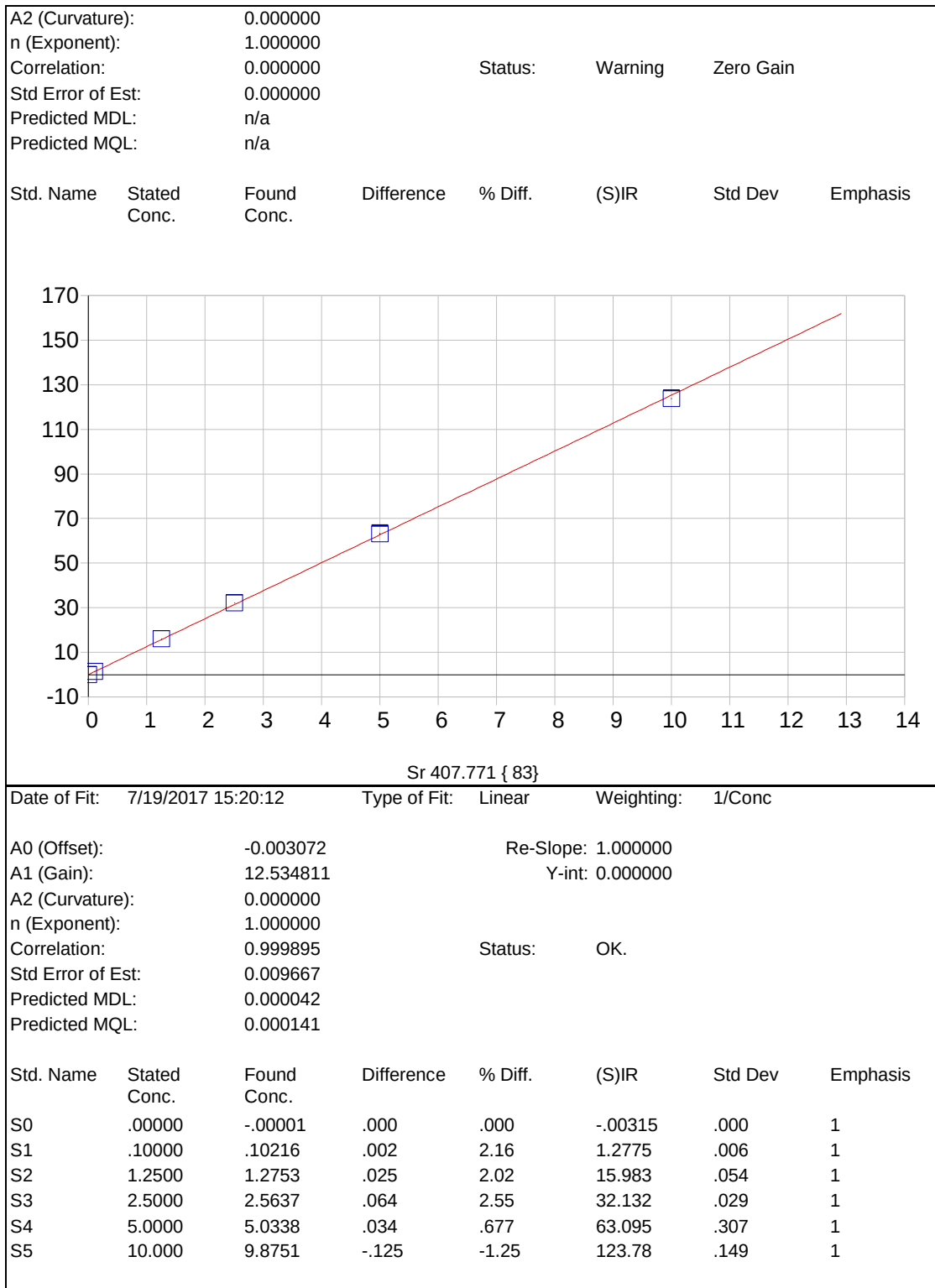


A0 (Offset):	0.000000	Re-Slope: 1.000000
A1 (Gain):	0.000000	Y-int: 0.000000
A2 (Curvature):	0.000000	
n (Exponent):	1.000000	
Correlation:	0.000000	Status: Warning Zero Gain
Std Error of Est:	0.000000	
Predicted MDL:	n/a	
Predicted MQL:	n/a	

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: 7/19/2017 12:26:16 Type: Cal
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v72) 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	-.00046	-.00055	.00010	.00038	-.00011	.00038	-.01788	-.00184
Stddev	.00011	.00009	.00018	.00011	.00027	.00013	.00066	.00014
%RSD	24.499	16.674	182.17	29.114	244.59	33.008	3.7138	7.6765

#1	-.00037	-.00047	.00019	.00026	.00019	.00052	-.01843	-.00194
#2	-.00041	-.00065	-.00011	.00042	-.00034	.00029	-.01714	-.00189
#3	-.00058	-.00052	.00021	.00048	-.00018	.00032	-.01806	-.00168

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	.00008	.00109	.00013	-.00036	.00110	.00007	.00001	-.00011
Stddev	.00008	.00011	.00007	.00012	.00008	.00014	.00021	.00005
%RSD	88.969	10.190	55.456	34.217	7.1960	196.98	1876.9	43.136

#1	.00002	.00101	.00021	-.00037	.00113	.00023	.00002	-.00011
#2	.00007	.00105	.00013	-.00023	.00116	-.00003	-.00021	-.00015
#3	.00017	.00122	.00006	-.00047	.00101	.00001	.00022	-.00006

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	-.00093	-.00030	-.00293	-.00002	-.00053	.02224	-.00087	.00227
Stddev	.00005	.00002	.00152	.00001	.00025	.00056	.00005	.00019
%RSD	5.1992	6.5646	51.748	76.241	47.880	2.4997	6.0576	8.4952

#1	-.00098	-.00029	-.00453	-.00001	-.00025	.02206	-.00091	.00220
#2	-.00088	-.00033	-.00152	-.00001	-.00073	.02180	-.00089	.00212
#3	-.00093	-.00029	-.00275	-.00003	-.00061	.02287	-.00081	.00248

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	.00240	.00269	.00003	.00198	.00483	-.00315	
Stddev	.00011	.00008	.00038	.00005	.00024	.00063	.00022	
%RSD	27.577	3.1368	14.316	184.74	12.218	13.131	7.0902	

#1	.00028	.00240	.00239	.00008	.00217	.00424	-.00310	
#2	.00049	.00248	.00256	.00003	.00171	.00475	-.00339	
#3	.00046	.00233	.00312	-.00002	.00207	.00551	-.00295	

Sample Name: S0 Acquired: 7/19/2017 12:26:16 Type: Cal
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v72) 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	1428.4	1965.3	56264.	6941.8	3280.5
Stddev	6.3	11.5	246.	52.0	11.3
%RSD	.44339	.58681	.43791	.74859	.34344
#1	1421.9	1952.9	56005.	6899.1	3268.1
#2	1428.7	1967.4	56294.	6926.8	3283.5
#3	1434.5	1975.7	56495.	6999.7	3290.0

Sample Name: S1 Acquired: 7/19/2017 12:30:27 Type: Cal
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v72) 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	.00016	.00117	.00160	.00257	.01209	.01707	.81800	.01353
Stddev	.00009	.00015	.00007	.00003	.00020	.00026	.00520	.00036
%RSD	57.579	12.934	4.3467	1.2633	1.6608	1.5522	.63535	2.6785

#1	.00005	.00113	.00152	.00255	.01197	.01712	.82400	.01313
#2	.00022	.00105	.00164	.00261	.01199	.01731	.81478	.01364
#3	.00021	.00134	.00164	.00257	.01233	.01679	.81523	.01383

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	.00631	.19905	.00109	.03078	.00662	.00151	.00414	.02691
Stddev	.00015	.00110	.00004	.00025	.00000	.00012	.00007	.00018
%RSD	2.4308	.55179	3.2522	.79717	.02521	7.8912	1.7527	.67123

#1	.00619	.19914	.00109	.03065	.00662	.00150	.00421	.02702
#2	.00648	.19791	.00113	.03062	.00661	.00163	.00406	.02670
#3	.00626	.20011	.00106	.03106	.00662	.00139	.00415	.02700

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	.01841	.00186	.04366	.00321	.00312	.19755	-.00035	.00626
Stddev	.00005	.00001	.00063	.00034	.00022	.00159	.00010	.00012
%RSD	.26605	.77094	1.4330	10.739	7.2038	.80631	28.489	1.9240

#1	.01836	.00185	.04404	.00307	.00337	.19937	-.00025	.00628
#2	.01842	.00188	.04401	.00360	.00302	.19687	-.00034	.00636
#3	.01846	.00186	.04294	.00295	.00295	.19641	-.00045	.00612

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	.00658	.00416	.03729	.00070	.04215	.08410	1.2775	
Stddev	.00010	.00009	.00052	.00009	.00036	.00076	.0056	
%RSD	1.4559	2.2679	1.4063	12.208	.85464	.90463	.43816	

#1	.00647	.00422	.03672	.00076	.04234	.08497	1.2837	
#2	.00659	.00405	.03775	.00060	.04237	.08377	1.2728	
#3	.00666	.00421	.03741	.00074	.04173	.08356	1.2759	

Sample Name: S1 Acquired: 7/19/2017 12:30:27 Type: Cal
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v72) 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	1407.1	1945.0	55403.	6992.7	3282.2
Stddev	11.7	4.4	148.	20.0	4.2
%RSD	.82825	.22775	.26637	.28645	.12656
#1	1393.7	1940.0	55295.	6969.9	3282.7
#2	1414.1	1946.6	55571.	7007.3	3277.8
#3	1413.6	1948.4	55344.	7001.0	3286.1

Sample Name: S2 Acquired: 7/19/2017 12:34:38 Type: Cal
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v72) 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	.06158	.08258	.98721	.07574	.23842	3.0859	11.366	.39208
Stddev	.00004	.00045	.00364	.00029	.00057	.0100	.047	.00285
%RSD	.06159	.54278	.36843	.38531	.24084	.32312	.41467	.72678

#1	.06161	.08225	.98637	.07550	.23793	3.0771	11.328	.38982
#2	.06154	.08240	.98406	.07565	.23905	3.0839	11.352	.39113
#3	.06158	.08309	.99119	.07606	.23828	3.0967	11.419	.39528

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	.69429	2.4524	.35412	.42610	.74844	.47536	1.0064	.33299
Stddev	.00313	.0013	.00097	.00182	.00326	.00185	.0008	.00153
%RSD	.45070	.05077	.27505	.42715	.43522	.38840	.08045	.46091

#1	.69356	2.4533	.35299	.42519	.74528	.47379	1.0055	.33201
#2	.69160	2.4510	.35469	.42492	.74827	.47489	1.0071	.33220
#3	.69772	2.4529	.35466	.42820	.75179	.47740	1.0067	.33475

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	.32543	.07052	.33595	.04353	.22872	1.3210	.04587	.45318
Stddev	.00105	.00017	.00048	.00008	.00182	.0073	.00061	.00173
%RSD	.32231	.24687	.14386	.19045	.79540	.54931	1.3384	.38143

#1	.32471	.07068	.33579	.04362	.23001	1.3137	.04544	.45202
#2	.32495	.07054	.33557	.04346	.22952	1.3209	.04561	.45236
#3	.32663	.07033	.33649	.04350	.22664	1.3282	.04657	.45517

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	.73250	.02982	.46948	.09952	.49514	1.9594	15.983	
Stddev	.00132	.00020	.00383	.00049	.00177	.0145	.054	
%RSD	.18063	.68272	.81553	.49100	.35823	.74011	.33988	

#1	.73302	.02959	.46692	.09908	.49382	1.9484	15.932	
#2	.73100	.02998	.46763	.09943	.49716	1.9539	15.975	
#3	.73349	.02988	.47388	.10005	.49445	1.9758	16.040	

Sample Name: S2 Acquired: 7/19/2017 12:34:38 Type: Cal
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v72) 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	1332.3	1848.3	52547.	6823.0	3038.0
Stddev	6.4	1.2	196.	28.2	4.5
%RSD	.48403	.06639	.37240	.41389	.14721
#1	1327.0	1849.6	52491.	6838.4	3042.2
#2	1330.4	1847.1	52385.	6840.1	3038.4
#3	1339.5	1848.1	52764.	6790.4	3033.3

Sample Name: S3 Acquired: 7/19/2017 12:38:34 Type: Cal
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v72) 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	.12566	.16602	2.0113	.15097	.47922	6.2629	22.770	.77109
Stddev	.00030	.00020	.0019	.00054	.00178	.0126	.071	.00755
%RSD	.24196	.11867	.09219	.35983	.37171	.20138	.31175	.97869

#1	.12567	.16591	2.0117	.15037	.47719	6.2737	22.841	.77969
#2	.12534	.16625	2.0093	.15109	.47998	6.2659	22.769	.76806
#3	.12595	.16590	2.0129	.15143	.48050	6.2490	22.699	.76554

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	1.3952	4.8788	.68732	.87009	1.5089	.93352	1.9748	.67160
Stddev	.0010	.0347	.00104	.00255	.0052	.00679	.0144	.00404
%RSD	.07426	.71170	.15148	.29278	.34202	.72746	.73143	.60222

#1	1.3962	4.9187	.68777	.86914	1.5108	.94113	1.9913	.67589
#2	1.3953	4.8554	.68806	.86815	1.5128	.93137	1.9641	.67104
#3	1.3941	4.8623	.68613	.87297	1.5030	.92807	1.9692	.66786

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	.65869	.14306	.68278	.08568	.47418	2.6734	.09660	.89493
Stddev	.00211	.00033	.00205	.00074	.00167	.0082	.00032	.00561
%RSD	.31962	.22840	.30092	.86114	.35315	.30569	.33357	.62668

#1	.65992	.14316	.68208	.08650	.47426	2.6811	.09634	.90135
#2	.65626	.14332	.68509	.08546	.47247	2.6744	.09696	.89242
#3	.65990	.14269	.68116	.08508	.47581	2.6648	.09650	.89101

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	1.4581	.06016	.90943	.20366	.98582	3.9560	32.132	
Stddev	.0050	.00061	.00668	.00066	.00184	.0130	.029	
%RSD	.34175	1.0084	.73467	.32233	.18646	.32772	.09111	

#1	1.4550	.05987	.91714	.20386	.98765	3.9676	32.161	
#2	1.4555	.06086	.90521	.20292	.98398	3.9585	32.102	
#3	1.4639	.05976	.90596	.20419	.98584	3.9420	32.132	

Sample Name: S3 Acquired: 7/19/2017 12:38:34 Type: Cal
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v72) 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	1270.8	1785.6	50965.	6749.6	2859.4
Stddev	2.1	5.6	109.	43.9	6.5
%RSD	.16347	.31542	.21294	.65062	.22861
#1	1268.6	1787.3	50993.	6698.9	2858.6
#2	1270.9	1790.1	50845.	6775.0	2866.3
#3	1272.8	1779.3	51057.	6775.0	2853.3

Sample Name: S4 Acquired: 7/19/2017 12:42:28 Type: Cal
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v72) 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	.25415	.32652	4.0681	.29748	.97831	12.910	45.425	1.5513
Stddev	.00009	.00046	.0120	.00131	.00153	.028	.070	.0076
%RSD	.03692	.14189	.29498	.43945	.15611	.21636	.15382	.48678

#1	.25420	.32669	4.0627	.29893	.97712	12.942	45.505	1.5601
#2	.25404	.32687	4.0598	.29640	.98003	12.898	45.379	1.5468
#3	.25421	.32600	4.0819	.29710	.97778	12.890	45.390	1.5472

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	2.8055	9.8380	1.3381	1.7809	3.0611	1.8376	3.8824	1.3648
Stddev	.0066	.0342	.0019	.0058	.0094	.0027	.0102	.0022
%RSD	.23619	.34784	.14143	.32619	.30583	.14887	.26384	.16465

#1	2.7992	9.8230	1.3359	1.7750	3.0717	1.8370	3.8829	1.3633
#2	2.8049	9.8138	1.3394	1.7811	3.0576	1.8353	3.8720	1.3637
#3	2.8124	9.8772	1.3389	1.7866	3.0539	1.8406	3.8925	1.3674

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	1.3379	.29880	1.3891	.17103	.96698	5.4903	.20290	1.7587
Stddev	.0021	.00073	.0034	.00084	.00408	.0182	.00057	.0108
%RSD	.15865	.24560	.24340	.49337	.42186	.33085	.28128	.61510

#1	1.3367	.29812	1.3929	.17028	.96621	5.5098	.20325	1.7711
#2	1.3365	.29870	1.3881	.17087	.97139	5.4870	.20320	1.7515
#3	1.3403	.29957	1.3863	.17195	.96335	5.4739	.20224	1.7534

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707	Sr4077	
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	
Avg	2.9107	.12399	1.7817	.41751	1.9710	8.2117	63.095	
Stddev	.0062	.00044	.0104	.00043	.0007	.0503	.307	
%RSD	.21269	.35206	.58115	.10227	.03753	.61251	.48699	

#1	2.9047	.12446	1.7932	.41777	1.9715	8.2698	63.270	
#2	2.9104	.12360	1.7730	.41702	1.9702	8.1830	63.275	
#3	2.9170	.12392	1.7791	.41775	1.9714	8.1823	62.740	

Sample Name: S4 Acquired: 7/19/2017 12:42:28 Type: Cal
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v72) 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	1207.9	1690.3	49011.	6610.9	2622.9
Stddev	10.4	2.0	40.	25.4	5.8
%RSD	.86461	.12034	.08226	.38435	.22292
#1	1197.8	1691.7	49056.	6581.7	2627.2
#2	1207.2	1691.2	48978.	6623.2	2625.1
#3	1218.7	1688.0	49000.	6627.8	2616.2

Sample Name: S5 Acquired: 7/19/2017 12:46:37 Type: Cal
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v72) 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	.52052	.62117	8.1407	.58866	2.0192	26.568	90.881	3.1192
Stddev	.00110	.00251	.0266	.00177	.0063	.047	.390	.0079
%RSD	.21042	.40454	.32636	.30096	.31237	.17660	.42905	.25394

#1	.51976	.62294	8.1659	.58666	2.0119	26.521	91.067	3.1133
#2	.52002	.61829	8.1130	.58929	2.0220	26.569	91.144	3.1282
#3	.52178	.62227	8.1433	.59003	2.0236	26.615	90.433	3.1160

Elem	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598	Mn2576	Mg2790
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	5.5119	19.706	2.5464	3.5860	6.2206	3.5716	7.5736	2.7131
Stddev	.0215	.031	.0086	.0110	.0176	.0056	.0169	.0056
%RSD	.39027	.15637	.33658	.30757	.28269	.15595	.22327	.20633

#1	5.5358	19.673	2.5511	3.5966	6.2059	3.5655	7.5578	2.7072
#2	5.4940	19.734	2.5516	3.5746	6.2158	3.5764	7.5915	2.7183
#3	5.5060	19.712	2.5365	3.5866	6.2401	3.5728	7.5716	2.7138

Elem	Ni2316	Ag3280	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2.6443	.64147	2.8139	.33708	2.0190	11.201	.41722	3.3800
Stddev	.0078	.00036	.0036	.00052	.0072	.029	.00186	.0097
%RSD	.29442	.05555	.12807	.15351	.35631	.25480	.44614	.28792

#1	2.6527	.64177	2.8097	.33733	2.0124	11.176	.41814	3.3690
#2	2.6373	.64157	2.8156	.33649	2.0267	11.196	.41508	3.3835
#3	2.6430	.64108	2.8163	.33743	2.0181	11.232	.41844	3.3875

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707	Sr4077	
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	
Avg	5.7635	.25306	3.4835	.83273	3.8991	16.896	123.78	
Stddev	.0210	.00027	.0103	.00331	.0038	.114	.15	
%RSD	.36446	.10526	.29603	.39754	.09792	.67358	.12078	

#1	5.7434	.25321	3.4721	.83645	3.9019	16.779	123.88	
#2	5.7619	.25275	3.4865	.83011	3.8948	16.903	123.85	
#3	5.7853	.25321	3.4920	.83164	3.9006	17.006	123.61	

Sample Name: S5 Acquired: 7/19/2017 12:46:37 Type: Cal
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v72) 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	1092.6	1546.5	45891.	6372.0	2328.2
Stddev	3.2	6.0	5.	15.8	5.4
%RSD	.29552	.39072	.01125	.24794	.23286
#1	1095.2	1552.7	45892.	6390.2	2325.6
#2	1093.6	1546.4	45886.	6363.9	2334.4
#3	1089.0	1540.6	45896.	6361.9	2324.5

Sample Name: S6 Acquired: 7/19/2017 12:50:44 Type: Cal
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v72) 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	67.253	30.646	9.0088	4.1078	7.3565
Stddev	.148	.047	.0160	.0052	.0030
%RSD	.22079	.15300	.17762	.12546	.04074

#1	67.355	30.693	9.0260	4.1136	7.3535
#2	67.083	30.645	9.0063	4.1057	7.3564
#3	67.322	30.599	8.9943	4.1040	7.3595

Int. Std.	Y_3710
Units	Cts/S
Avg	6166.4
Stddev	12.2
%RSD	.19793

#1	6154.7
#2	6165.5
#3	6179.1

Sample Name: ICV Acquired: 7/19/2017 12:55:36 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v72) 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	.9535981	1.005375	.9295299	.9877134	.9536903	F 2.265546
Stddev	.0092549	.004384	.0016479	.0006393	.0016270	.037065
%RSD	.9705238	.4360705	.1772830	.0647240	.1705989	1.636025

#1	.9470828	1.004045	.9288263	.9880528	.9534905	2.272838
#2	.9495197	1.001810	.9283506	.9869760	.9554080	2.225377
#3	.9641917	1.010270	.9314128	.9881114	.9521725	2.298423

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F .4327489	F .4112458	.4734997	9.404025	.5120825	F .4055499
Stddev	.0065441	.0039801	.0008349	.115605	.0025110	.0007237
%RSD	1.512221	.9678065	.1763332	1.229315	.4903542	.1784410

#1	.4365407	.4141695	.4737897	9.450395	.5093084	.4048304
#2	.4251924	.4067131	.4725584	9.272434	.5127390	.4055418
#3	.4365136	.4128547	.4741510	9.489246	.5142000	.4062776

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.4652785	5.265520	.4947208	5.621481	F .4134004	F .4079076
Stddev	.0056977	.038735	.0088214	.092228	.0009379	.0007843
%RSD	1.224582	.7356371	1.783112	1.640636	.2268665	.1922716

#1	.4673361	5.279442	.5014187	5.606927	.4128542	.4072439
#2	.4588378	5.221748	.4847257	5.537395	.4144833	.4077059
#3	.4696617	5.295369	.4980180	5.720121	.4128637	.4087731

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	9.299766	F .4488429	.9766428	F 8.709770	F -.011154	F -.002985
Stddev	.075347	.0120253	.0034497	.101407	.001022	.001180
%RSD	.8101982	2.679173	.3532238	1.164290	9.158859	39.54936

#1	9.363381	.4537465	.9774474	8.738412	-.010857	-.001753
#2	9.319358	.4351406	.9728619	8.597123	-.010314	-.004106
#3	9.216559	.4576415	.9796192	8.793776	-.012291	-.003095

Sample Name: ICV Acquired: 7/19/2017 12:55:36 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v72) 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 .0003933	-.044407	.0018996	F .0003481	-.000834	-.000066
Stddev	.0000456	.001515	.0010724	.0016878	.000411	.000714
%RSD	11.58528	3.412313	56.45436	484.8537	49.27414	1082.252

#1	.0003413	-.042956	.0018719	.0007596	-.000675	.000553
#2	.0004122	-.044286	.0029857	-.001507	-.001301	-.000848
#3	.0004263	-.045979	.0008413	.001792	-.000527	.000097

Elem	Sr4077
Units	ppm
Avg	.0107326
Stddev	.0000860
%RSD	.8008455

#1	.0108019
#2	.0106364
#3	.0107596

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1346.630	1874.996	53801.15	6976.806	3213.934
Stddev	2.412	5.713	80.47	69.940	6.263
%RSD	.1791156	.3047134	.1495650	1.002467	.1948732

#1	1348.163	1871.754	53892.08	6912.438	3211.332
#2	1347.878	1871.640	53739.12	7051.230	3209.392
#3	1343.850	1881.593	53772.26	6966.752	3221.079

Sample Name: ICB Acquired: 7/19/2017 13:03:24 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v72) 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	-.000747	.0032886	.0003013	.0011934	.0007143	.0046471	-.000294
Stddev	.000815	.0012470	.0011813	.0046306	.0007023	.0025790	.000285
%RSD	109.0821	37.92046	392.0311	388.0324	98.31469	55.49780	96.67692

#1	-.000023	.0020771	.0014310	-.001747	.0008692	.0030194	-.000621
#2	-.001629	.0045684	.0003987	.006531	.0013262	.0033012	-.000166
#3	-.000588	.0032203	-.000926	-.001204	-.000052	.0076206	-.000097

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0000082	-.000152	-.008281	-.000825	-.000059	.0005028	.0044005
Stddev	.0000270	.000037	.004401	.000021	.000023	.0009211	.0024037
%RSD	331.0255	24.20494	53.14447	2.552232	39.73350	183.1883	54.62391

#1	.0000360	-.000154	-.007685	-.000806	-.000032	.0000520	.0071527
#2	-.000018	-.000187	-.012949	-.000848	-.000072	.0015625	.0033360
#3	.000006	-.000114	-.004208	-.000820	-.000073	-.000106	.0027128

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000243	.0003806	-.000343	.0002771	-.066469	-.001657	-.001473
Stddev	.000198	.0285013	.000175	.0002286	.020593	.002693	.011494
%RSD	81.43487	7488.356	50.93383	82.49231	30.98098	162.5841	780.4529

#1	-.000244	-.029061	-.000515	.0005403	-.082393	-.004718	-.000401
#2	-.000441	.002366	-.000347	.0001614	-.073799	.000350	.009448
#3	-.000045	.027837	-.000166	.0001295	-.043214	-.000602	-.013465

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.021220	-.002093	.0031379	.0000309	-.045822	-.001713	.0003451
Stddev	.005702	.001266	.0007632	.0002706	.000482	.000382	.0005370
%RSD	26.86815	60.47466	24.32298	877.0022	1.052072	22.29500	155.6065

#1	-.027658	-.000806	.0023580	.0003434	-.045311	-.001436	.0004645
#2	-.019195	-.003337	.0031726	-.000123	-.046269	-.001554	-.000242
#3	-.016808	-.002136	.0038833	-.000128	-.045886	-.002149	.000812

Sample Name: ICB Acquired: 7/19/2017 13:03:24 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v72) 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	-.000082	-.000843	-.000001
Stddev	.000822	.000230	.000016
%RSD	1005.526	27.34158	1138.007

#1	.000810	-.000608	-.000008
#2	-.000811	-.000852	-.000013
#3	-.000244	-.001069	.000017

Int. Std.	Y_ 2243	Y_ 2243	Y_ 3600	Y_ 3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1364.714	1886.533	54723.01	6932.622	3202.208
Stddev	9.618	7.377	89.00	34.630	4.734
%RSD	.7047837	.3910491	.1626324	.4995171	.1478309

#1	1353.667	1881.023	54637.42	6903.363	3196.795
#2	1369.245	1883.662	54716.56	6923.648	3204.250
#3	1371.230	1894.914	54815.06	6970.855	3205.577

Sample Name: ICSA Acquired: 7/19/2017 13:07:37 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v72) 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	-.003422	-.009066	.0017335	-.018052	.0028512	242.8733
Stddev	.004655	.001956	.0022720	.004730	.0034980	.4754
%RSD	136.0240	21.57496	131.0690	26.20086	122.6865	.1957542

#1	-.007405	-.011279	.0014088	-.020112	.0066810	243.3566
#2	-.004557	-.008353	.0041503	-.021403	.0020476	242.4062
#3	.001695	-.007567	-.000359	-.012642	-.000175	242.8570

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0048261	.0010693	.0053916	244.4307	.0452957	.0015409
Stddev	.0001414	.0000353	.0002794	.3321	.0015260	.0005099
%RSD	2.929414	3.300970	5.182372	.1358758	3.368900	33.09166

#1	.0046657	.0010508	.0050808	244.5436	.0466636	.0011716
#2	.0049323	.0011101	.0056220	244.6917	.0436499	.0013284
#3	.0048804	.0010472	.0054720	244.0569	.0455737	.0021227

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0226989	104.4059	.0136014	257.5303	.0016174	.0000068
Stddev	.0008313	.1094	.0004499	.3031	.0007439	.0001122
%RSD	3.662145	.1047809	3.307721	.1176861	45.99378	1647.980

#1	.0226701	104.3138	.0135315	257.8600	.0024568	.0001351
#2	.0235442	104.5268	.0131905	257.4672	.0010401	-.000073
#3	.0218824	104.3771	.0140821	257.2638	.0013551	-.000042

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.3107853	-.000635	.0046161	-.117217	-.013694	F -.241724
Stddev	.0885234	.002023	.0131780	.017451	.003609	.001725
%RSD	28.48379	318.6334	285.4787	14.88749	26.35254	.7137910

#1	.3642288	-.001660	-.000494	-.123736	-.016717	-.241869
#2	.3595236	.001695	.019584	-.130470	-.009699	-.239930
#3	.2086033	-.001940	-.005242	-.097446	-.014665	-.243372

Sample Name: ICSA Acquired: 7/19/2017 13:07:37 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v72) 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	-.001126	-.037293	.0014947	-.002411	.0000291	.0001849
Stddev	.000309	.008732	.0007286	.001929	.0014565	.0003646
%RSD	27.46647	23.41419	48.74984	80.02713	4999.451	197.1645

#1	-.001311	-.045105	.0006563	-.003072	.0017078	.0003517
#2	-.001298	-.038909	.0018526	-.000238	-.000721	-.000233
#3	-.000769	-.027867	.0019751	-.003922	-.000899	.000436

Elem	Sr4077
Units	ppm
Avg	.0965000
Stddev	.0000128
%RSD	.0132147

#1	.0964981
#2	.0964883
#3	.0965136

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1224.426	1723.887	48964.25	6570.620	2759.204
Stddev	14.941	6.783	175.89	18.241	9.061
%RSD	1.220228	.3934593	.3592306	.2776220	.3284034

#1	1215.827	1720.837	49012.72	6552.599	2762.519
#2	1215.773	1731.659	48769.20	6570.188	2766.141
#3	1241.678	1719.164	49110.82	6589.074	2748.952

Sample Name: ICSAB Acquired: 7/19/2017 13:11:44 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v72) 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	.0975068	.1054400	.0515934	.0278522	.5776153	242.9172
Stddev	.0064199	.0020872	.0014081	.0009416	.0038215	.2684
%RSD	6.584049	1.979525	2.729207	3.380744	.6616038	.1104735

#1	.0901697	.1062728	.0499692	.0270617	.5743368	243.0767
#2	.1002581	.1069823	.0524713	.0288940	.5766966	242.6074
#3	.1020924	.1030650	.0523395	.0276010	.5818124	243.0675

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.4568415	.4347433	.9719493	243.2094	.5487522	.4318826
Stddev	.0010304	.0030334	.0038296	1.6222	.0013386	.0009017
%RSD	.2255495	.6977497	.3940107	.6670014	.2439345	.2087888

#1	.4580287	.4312452	.9730245	241.6653	.5483168	.4319172
#2	.4561796	.4363367	.9676970	244.8998	.5476855	.4309640
#3	.4563161	.4366479	.9751264	243.0630	.5502543	.4327665

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.5144700	104.0075	.5212086	256.3740	.8602559	.1743933
Stddev	.0034636	.3568	.0016195	.6906	.0010515	.0002407
%RSD	.6732265	.3430405	.3107283	.2693781	.1222255	.1380204

#1	.5160689	103.6622	.5196109	256.1040	.8590488	.1741727
#2	.5104958	104.3747	.5228491	257.1588	.8607465	.1746500
#3	.5168452	103.9856	.5211659	255.8591	.8609724	.1743571

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F 5.460093	.4375105	1.049586	-.121802	-.022528	F .8789053
Stddev	.153809	.0026675	.025152	.020971	.002118	.0044864
%RSD	2.816961	.6097004	2.396411	17.21727	9.402857	.5104486

#1	5.288918	.4397784	1.057087	-.097903	-.020958	.8737603
#2	5.504676	.4381815	1.070134	-.130372	-.024937	.8820010
#3	5.586686	.4345715	1.021536	-.137131	-.021688	.8809548

Sample Name: ICSAB Acquired: 7/19/2017 13:11:44 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v72) 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 1.028214	2.463569	.9524315	F .9936241	1.031053	-.000028
Stddev	.001356	.018620	.0084505	.0017157	.003726	.000620
%RSD	.1318906	.7557991	.8872589	.1726672	.3613994	2204.297

#1	1.026886	2.442069	.9426738	.9927611	1.028488	.000189
#2	1.029596	2.474267	.9572683	.9925112	1.029345	-.000727
#3	1.028161	2.474370	.9573525	.9955999	1.035327	.000454

Elem	Sr4077
Units	ppm
Avg	.0972168
Stddev	.0000629
%RSD	.0647193

#1	.0972876
#2	.0971671
#3	.0971958

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1206.812	1698.669	48464.25	6494.138	2713.599
Stddev	7.237	7.645	191.71	12.630	7.917
%RSD	.5997072	.4500815	.3955658	.1944875	.2917379

#1	1198.695	1700.543	48338.02	6506.503	2714.220
#2	1209.149	1690.261	48369.88	6481.258	2705.391
#3	1212.592	1705.203	48684.85	6494.654	2721.187

Sample Name: CCV097 Acquired: 7/19/2017 13:15:41 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v72) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: CCV097 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.771479	4.583359	23.41650	4.601438	4.750549	409.4257
Stddev	.028786	.017090	.05964	.018030	.025190	1.3407
%RSD	.6032860	.3728717	.2546772	.3918299	.5302585	.3274498

#1	4.748441	4.563634	23.42337	4.580828	4.730916	408.9733
#2	4.762248	4.592709	23.35372	4.609191	4.741779	410.9340
#3	4.803748	4.593735	23.47240	4.614293	4.778952	408.3698

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	9.640384	.4782667	2.386035	404.6728	14.46149	2.417099
Stddev	.039386	.0022854	.004202	1.9368	.03141	.005311
%RSD	.4085566	.4778513	.1761280	.4786016	.2172237	.2197382

#1	9.634138	.4798507	2.381702	404.5620	14.42660	2.416465
#2	9.682521	.4793026	2.386309	406.6627	14.48751	2.412133
#3	9.604494	.4756468	2.390094	402.7939	14.47037	2.422699

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	14.57868	413.7872	14.20959	405.8899	2.371477	1.257875
Stddev	.03630	1.8172	.05799	2.4887	.006812	.001154
%RSD	.2490274	.4391585	.4080726	.6131550	.2872382	.0917435

#1	14.58135	413.5874	14.19410	405.8333	2.368883	1.259005
#2	14.61358	415.6961	14.27375	408.4065	2.366342	1.256698
#3	14.54112	412.0782	14.16092	403.4300	2.379204	1.257923

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	412.5841	2.363367	14.93894	145.6610	4.894304	F 4.017060
Stddev	1.5167	.007812	.07994	.5636	.023470	.020047
%RSD	.3675985	.3305345	.5351447	.3869266	.4795335	.4990454

#1	411.9438	2.359010	14.87309	145.7879	4.879606	4.031063
#2	414.3159	2.372386	15.02789	146.1503	4.881935	4.026022
#3	411.4927	2.358707	14.91584	145.0448	4.921371	3.994096

Sample Name: CCV097 Acquired: 7/19/2017 13:15:41 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v72) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: CCV097 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.730004	5.689283	4.676568	4.704897	4.756657	4.914267
Stddev	.018775	.020955	.017643	.027297	.010107	.034306
%RSD	.3969339	.3683314	.3772665	.5801880	.2124741	.6980829

#1	4.714546	5.682491	4.686793	4.681633	4.754536	4.912465
#2	4.724570	5.672567	4.686717	4.698110	4.767655	4.949438
#3	4.750897	5.712792	4.656196	4.734947	4.747778	4.880898

Elem	Sr4077
Units	ppm
Avg	4.904242
Stddev	.058608
%RSD	1.195037

#1	4.908764
#2	4.960458
#3	4.843505

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1102.649	1571.715	45587.62	6374.965	2349.666
Stddev	1.248	6.353	60.01	23.783	7.780
%RSD	.1131663	.4042140	.1316399	.3730691	.3311145

#1	1104.084	1575.588	45644.77	6367.871	2351.771
#2	1101.819	1575.175	45592.98	6355.536	2356.178
#3	1102.043	1564.383	45525.10	6401.488	2341.050

Sample Name: CCB097 Acquired: 7/19/2017 13:19:47 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v72) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: CCB097 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0003487	.0032095	-.000577	.0002560	.0004112	.0041881	-.000332
Stddev	.0053691	.0009992	.000555	.0053606	.0012442	.0047568	.000311
%RSD	1539.851	31.13365	96.16877	2093.907	302.5477	113.5783	93.64040

#1	-.000920	.0030357	-.000316	.0030421	.0015997	.0085742	-.000561
#2	.006239	.0042843	-.001214	.0036498	.0005161	.0048584	-.000456
#3	-.004272	.0023086	-.000201	-.005924	-.000882	-.000868	.000022

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0000479	-.000051	.0072892	-.001613	-.000103	.0018920	.0204209
Stddev	.0001054	.000095	.0046717	.000097	.000358	.0007987	.0071498
%RSD	220.0893	187.1020	64.09058	5.997427	349.2852	42.21534	35.01235

#1	.0000990	-.000153	.0067163	-.001582	-.000485	.0014207	.0160817
#2	-.000073	-.000033	.0122210	-.001721	-.000047	.0028142	.0165078
#3	.000118	.000034	.0029304	-.001535	.000225	.0014411	.0286731

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000163	-.018023	-.000042	.0002279	-.096384	-.000791	-.004266
Stddev	.000165	.030375	.000313	.0000470	.036814	.001349	.004145
%RSD	100.8907	168.5317	754.7579	20.61230	38.19534	170.6443	97.15935

#1	-.000018	-.049434	-.000399	.0002703	-.055368	-.000398	-.001624
#2	-.000130	.011197	.000187	.0002360	-.107219	-.002293	-.009044
#3	-.000342	-.015832	.000087	.0001774	-.126565	.000319	-.002132

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0210134	-.001597	.0087691	.0009023	-.056195	-.000892	-.000307
Stddev	.0227977	.001303	.0008856	.0003586	.002390	.001096	.000483
%RSD	108.4913	81.57044	10.09966	39.74877	4.253455	122.8833	157.5980

#1	.0137546	-.001663	.0097659	.0009822	-.058881	-.001226	-.000127
#2	.0465566	-.000262	.0084685	.0012142	-.054304	-.001782	-.000854
#3	.0027289	-.002865	.0080728	.0005104	-.055398	.000332	.000061

Sample Name: CCB097 Acquired: 7/19/2017 13:19:47 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v72) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: CCB097 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.0000657	-.000654	.0001004
Stddev	.0005399	.000227	.0000252
%RSD	821.7975	34.68954	25.07587

#1	-.000065	-.000578	.0001235
#2	.000659	-.000909	.0000736
#3	-.000396	-.000475	.0001040

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1361.707	1881.605	54319.01	6897.538	3199.617
Stddev	7.748	3.357	297.95	20.351	12.117
%RSD	.5689805	.1784071	.5485251	.2950419	.3787134

#1	1356.465	1878.620	54029.13	6874.132	3193.317
#2	1358.049	1885.239	54303.47	6907.426	3213.586
#3	1370.606	1880.956	54624.43	6911.055	3191.947

Sample Name: CCV098 Acquired: 7/19/2017 14:59:33 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v72) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: CCV098 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.856324	4.613180	23.47189	4.720056	4.830418	410.9438
Stddev	.027731	.025038	.09093	.029956	.024776	.8271
%RSD	.5710282	.5427462	.3873920	.6346521	.5129063	.2012578

#1	4.827840	4.590995	23.42757	4.688028	4.827763	409.9897
#2	4.857898	4.640328	23.41163	4.724756	4.807076	411.4578
#3	4.883235	4.608218	23.57648	4.747384	4.856414	411.3838

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	9.679792	.4607839	2.343986	392.9100	14.12781	2.415859
Stddev	.033706	.0003508	.005975	1.6243	.04444	.008484
%RSD	.3482128	.0761366	.2549086	.4133921	.3145646	.3511641

#1	9.681002	.4607418	2.339541	391.2199	14.14825	2.410784
#2	9.645496	.4604561	2.341637	393.0507	14.07683	2.411140
#3	9.712876	.4611539	2.350778	394.4593	14.15836	2.425653

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	14.74431	404.7281	13.82659	398.9667	2.349156	1.252836
Stddev	.01337	1.3235	.07302	1.1584	.010775	.003621
%RSD	.0907089	.3270144	.5280924	.2903521	.4586783	.2890318

#1	14.73348	403.2379	13.76271	397.6891	2.341375	1.256598
#2	14.74019	405.1794	13.81088	399.2628	2.344638	1.249374
#3	14.75926	405.7669	13.90618	399.9484	2.361454	1.252535

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	415.2874	2.329055	14.48606	146.6868	5.038157	F 3.917858
Stddev	.9710	.016416	.04014	.1013	.037867	.005091
%RSD	.2338122	.7048344	.2770842	.0690833	.7515949	.1299383

#1	414.1668	2.310503	14.47875	146.7561	4.995841	3.912218
#2	415.8156	2.334962	14.52935	146.7339	5.068849	3.919244
#3	415.8797	2.341700	14.45008	146.5705	5.049781	3.922112

Sample Name: CCV098 Acquired: 7/19/2017 14:59:33 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v72) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: CCV098 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.772032	5.729099	4.564264	4.652824	4.735980	4.987616
Stddev	.018655	.048338	.012711	.014803	.015051	.010959
%RSD	.3909218	.8437280	.2784837	.3181435	.3178102	.2197197

#1	4.763001	5.674139	4.578127	4.637398	4.719751	4.974967
#2	4.759612	5.748142	4.561507	4.654161	4.749481	4.994244
#3	4.793484	5.765014	4.553159	4.666912	4.738709	4.993638

Elem	Sr4077
Units	ppm
Avg	4.983142
Stddev	.012913
%RSD	.2591347

#1	4.997314
#2	4.980067
#3	4.972043

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1033.300	1498.282	43804.06	6289.058	2263.293
Stddev	2.647	7.586	94.10	3.974	8.397
%RSD	.2561344	.5063260	.2148095	.0631930	.3710002

#1	1031.992	1500.287	43708.05	6285.633	2268.803
#2	1031.562	1504.665	43896.12	6288.126	2267.448
#3	1036.346	1489.895	43808.03	6293.416	2253.629

Sample Name: CCB098 Acquired: 7/19/2017 15:03:40 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v72) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: CCB098 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.001559	.0026664	-.001095	.0035123	-.000548	.0028638	-.000459
Stddev	.002407	.0016525	.000256	.0057682	.000526	.0052639	.000104
%RSD	154.4294	61.97766	23.35407	164.2296	95.93883	183.8058	22.58721

#1	-.002863	.0029238	-.000903	.0095639	-.000421	-.002579	-.000572
#2	-.003032	.0009002	-.001385	.0028960	-.000097	.007929	-.000435
#3	.001219	.0041750	-.000996	-.001923	-.001126	.003241	-.000369

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000083	-.000093	-.001050	-.000351	.0000898	.0006964	.0058306
Stddev	.000049	.000084	.006450	.000578	.0002593	.0010754	.0069385
%RSD	59.61232	90.24598	614.4642	164.5028	288.6329	154.4163	119.0003

#1	-.000070	-.000171	.005915	.000316	.0003149	-.000002	.0080693
#2	-.000137	-.000106	-.006817	-.000684	.0001482	.001935	.0113733
#3	-.000041	-.000003	-.002248	-.000686	-.000194	.000157	-.001951

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000613	.0149575	.0000020	.0003572	-.104137	.0001575	-.009443
Stddev	.000298	.0048785	.0006284	.0000664	.024667	.0027771	.003776
%RSD	48.52097	32.61552	31160.61	18.59628	23.68709	1763.398	39.98783

#1	-.000376	.0119336	.0001007	.0003868	-.125903	-.002924	-.013534
#2	-.000947	.0205854	.0005753	.0002811	-.109164	.000929	-.006091
#3	-.000517	.0123534	-.000670	.0004036	-.077344	.002467	-.008705

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0350405	-.003060	.0054015	.0009280	-.067606	-.000876	.0009452
Stddev	.0218598	.001485	.0004374	.0002235	.001447	.000599	.0006787
%RSD	62.38442	48.53625	8.097536	24.08109	2.140112	68.36220	71.80672

#1	.0497541	-.004422	.0052427	.0008813	-.068793	-.001348	.0009005
#2	.0099218	-.003281	.0058961	.0007316	-.068031	-.000202	.0002899
#3	.0454456	-.001477	.0050657	.0011711	-.065995	-.001078	.0016451

Sample Name: CCB098 Acquired: 7/19/2017 15:03:40 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v72) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: CCB098 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	-.000155	-.000012	.0000078
Stddev	.000244	.000310	.0000276
%RSD	157.3967	2525.571	354.5297

#1	-.000091	.000339	.0000103
#2	.000051	-.000131	.0000341
#3	-.000424	-.000245	-.000021

Int. Std.	Y_ 2243	Y_ 2243	Y_ 3600	Y_ 3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1283.633	1814.723	52172.86	6796.136	3122.242
Stddev	8.783	10.975	217.85	23.966	13.902
%RSD	.6841980	.6047953	.4175476	.3526463	.4452440

#1	1273.509	1804.919	51926.11	6768.788	3108.308
#2	1289.217	1812.668	52253.89	6806.143	3122.307
#3	1288.172	1826.580	52338.58	6813.478	3136.111

Sample Name: PB100763BL Acquired: 7/19/2017 15:30:39 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v72) 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	-.004088	.0008408	-.000348	.0045852	-.000235	.0008684	-.000355
Stddev	.003740	.0016526	.001525	.0004916	.000799	.0014401	.000113
%RSD	91.48848	196.5553	437.9334	10.72128	339.7375	165.8368	31.90220

#1	-.007551	.0027410	-.001254	.0041040	.000282	.0016169	-.000418
#2	-.004590	-.000261	.001412	.0045649	.000167	.0017800	-.000423
#3	-.000122	.000042	-.001202	.0050866	-.001155	-.000792	-.000224

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0001067	-.000068	-.008345	.0009429	-.000176	.0014012	.0013567
Stddev	.0000442	.000104	.016385	.0005146	.000143	.0007440	.0042622
%RSD	41.46020	152.9272	196.3473	54.57540	81.13201	53.09580	314.1490

#1	.0001099	-.000089	.003877	.0007528	-.000217	.0006727	.0040933
#2	.0000609	.000045	-.026963	.0005504	-.000295	.0013713	.0035310
#3	.0001491	-.000159	-.001948	.0015254	-.000017	.0021598	-.003554

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000707	-.011638	.0001291	.0001464	-.067729	-.000400	.0042557
Stddev	.000340	.020680	.0000541	.0000994	.059479	.002706	.0077555
%RSD	48.14548	177.6869	41.89664	67.91159	87.81888	676.5676	182.2388

#1	-.000593	-.015351	.0001781	.0000981	-.134541	-.003145	.0128481
#2	-.000438	.010646	.0001380	.0002607	-.020548	-.000320	-.002226
#3	-.001090	-.030211	.0000711	.0000803	-.048097	.002266	.002144

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0147471	-.002843	-.001824	.0003527	-.063613	-.001657	-.000880
Stddev	.0072791	.002412	.000683	.0000900	.005095	.000979	.000441
%RSD	49.35945	84.85021	37.46171	25.51644	8.009652	59.09277	50.07832

#1	.0085480	-.001853	-.001621	.0002628	-.060537	-.001202	-.001000
#2	.0129311	-.005592	-.001265	.0004428	-.069494	-.000989	-.000392
#3	.0227623	-.001083	-.002585	.0003525	-.060807	-.002781	-.001249

Sample Name: PB100763BL Acquired: 7/19/2017 15:30:39 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v72) 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	-.000200	-.000999	-.000017
Stddev	.000503	.000374	.000005
%RSD	251.2277	37.41764	31.97916

#1	-.000766	-.001382	-.000013
#2	.000196	-.000636	-.000015
#3	-.000030	-.000977	-.000023

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1319.911	1815.823	53293.01	6972.790	3111.740
Stddev	1.507	8.371	100.73	26.637	13.737
%RSD	.1141426	.4609763	.1890083	.3820157	.4414489

#1	1320.469	1818.678	53189.22	6956.670	3114.443
#2	1321.058	1822.394	53390.37	6958.164	3123.924
#3	1318.205	1806.399	53299.43	7003.536	3096.853

Sample Name: PB100763BS Acquired: 7/19/2017 15:34:51 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v72) 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	.0148909	.0481353	.0200133	.0722583	.1112059	.3804761
Stddev	.0040449	.0026147	.0027341	.0034270	.0027593	.0032895
%RSD	27.16350	5.432060	13.66131	4.742699	2.481282	.8645693

#1	.0141230	.0486606	.0179308	.0722222	.1102280	.3770866
#2	.0112851	.0504476	.0231094	.0688495	.1090688	.3806862
#3	.0192648	.0452978	.0189996	.0757032	.1143211	.3836555

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.3576269	.0079590	.0094767	9.191109	.0249015	.0813174
Stddev	.0042360	.0000551	.0000977	.050152	.0005187	.0006540
%RSD	1.184473	.6923237	1.031028	.5456531	2.082966	.8042186

#1	.3624406	.0080091	.0094402	9.212419	.0249049	.0806225
#2	.3559712	.0078999	.0095874	9.133821	.0254184	.0819208
#3	.3544688	.0079679	.0094024	9.227085	.0243811	.0814089

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0498201	.2527091	.0332817	9.325932	.0671744	.0162673
Stddev	.0002057	.0042872	.0002522	.072987	.0005549	.0002039
%RSD	.4129877	1.696503	.7577721	.7826257	.8260924	1.253696

#1	.0500567	.2478903	.0335705	9.400074	.0669574	.0161851
#2	.0496834	.2541366	.0331046	9.254157	.0678051	.0164995
#3	.0497202	.2561005	.0331701	9.323564	.0667608	.0161173

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	9.539305	.0872583	.1234144	8.707183	F .0325442	F .0166963
Stddev	.069491	.0006458	.0173103	.054614	.0014130	.0002823
%RSD	.7284712	.7400857	14.02614	.6272250	4.341841	1.690623

#1	9.599972	.0870838	.1076669	8.763915	.0321050	.0165895
#2	9.463489	.0879734	.1206270	8.702663	.0314029	.0170164
#3	9.554454	.0867176	.1419492	8.654969	.0341246	.0164831

Sample Name: PB100763BS Acquired: 7/19/2017 15:34:51 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v72) 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	.0226698	.0925433	.1788257	F .0133559	.1941889	.0951915
Stddev	.0002147	.0042740	.0051272	.0007591	.0010389	.0012626
%RSD	.9473151	4.618366	2.867130	5.683996	.5349907	1.326346

#1	.0227461	.0969909	.1846846	.0127013	.1952475	.0965919
#2	.0228360	.0884672	.1766334	.0141881	.1941482	.0948423
#3	.0224273	.0921717	.1751592	.0131784	.1931710	.0941403

Elem	Sr4077
Units	ppm
Avg	.2008102
Stddev	.0013740
%RSD	.6842294

#1	.2023079
#2	.2005144
#3	.1996081

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1243.805	1726.694	51969.47	6964.609	3051.619
Stddev	3.945	4.368	147.86	49.178	4.385
%RSD	.3171561	.2529497	.2845113	.7061074	.1436973

#1	1239.479	1726.213	51836.23	6907.828	3055.985
#2	1247.204	1731.283	52128.55	6992.417	3047.215
#3	1244.732	1722.587	51943.63	6993.582	3051.657

Sample Name: I4231-01 Acquired: 7/19/2017 15:39:00 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v72) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MET6C3 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0686200	-.018312	.1704594	-.023876	.0038719	129.2409	1.612410
Stddev	.0015090	.000907	.0025763	.002508	.0004209	.0953	.003913
%RSD	2.199013	4.954832	1.511361	10.50575	10.87005	.0737431	.2426714

#1	.0699875	-.018164	.1692011	-.021267	.0041389	129.1651	1.615974
#2	.0688714	-.019284	.1687540	-.024090	.0033867	129.3478	1.613034
#3	.0670012	-.017487	.1734229	-.026270	.0040899	129.2097	1.608223

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0074459	.0516278	35.52676	.1476840	.0779601	.2396680	193.9300
Stddev	.0001135	.0002528	.32494	.0010095	.0001236	.0026142	.7682
%RSD	1.524113	.4896905	.9146280	.6835246	.1585002	1.090745	.3961338

#1	.0073187	.0514635	35.16031	.1470592	.0780115	.2426819	193.0689
#2	.0074822	.0515011	35.64019	.1471442	.0780497	.2380151	194.1762
#3	.0075367	.0519189	35.77978	.1488486	.0778191	.2383070	194.5450

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.092516	36.88649	.1927236	-.000170	1.534512	.2708294	3.121442
Stddev	.024716	.11126	.0007598	.000359	.049073	.0025055	.035687
%RSD	.6039431	.3016152	.3942496	210.7466	3.197938	.9251164	1.143297

#1	4.064016	36.76035	.1932713	.000150	1.570746	.2701860	3.097070
#2	4.108075	36.97064	.1930434	-.000102	1.554123	.2687084	3.104852
#3	4.105456	36.92849	.1918562	-.000558	1.478666	.2735939	3.162405

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	23.42248	5.431733	-.402549	-.001012	1.173490	3.203974	.0099587
Stddev	.10693	.009589	.001306	.000067	.006996	.023164	.0006409
%RSD	.4565064	.1765371	.3245072	6.581384	.5961511	.7229628	6.435868

#1	23.51861	5.433752	-.403224	-.001034	1.166433	3.230655	.0095035
#2	23.44152	5.421295	-.403381	-.001064	1.173613	3.192259	.0106917
#3	23.30731	5.440152	-.401044	-.000937	1.180423	3.189008	.0096810

Sample Name: I4231-01 Acquired: 7/19/2017 15:39:00 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v72) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MET6C3 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.7518273	.1124152	.3258259
Stddev	.0016116	.0007531	.0015465
%RSD	.2143544	.6699429	.4746422

#1	.7512031	.1132765	.3272476
#2	.7506212	.1120887	.3260508
#3	.7536576	.1118805	.3241792

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1322.163	1873.001	55465.32	7607.630	2828.547
Stddev	10.402	5.354	172.55	24.569	6.994
%RSD	.7867488	.2858679	.3110959	.3229552	.2472592

#1	1316.226	1867.541	55288.06	7591.017	2821.387
#2	1316.089	1878.243	55475.15	7596.020	2835.362
#3	1334.174	1873.220	55632.74	7635.853	2828.891

Sample Name: I4231-02 Acquired: 7/19/2017 15:43:04 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v72) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MET6C4 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0780748	-.012750	1.543807	-.018018	.0057616	81.52243	1.762296
Stddev	.0017568	.001692	.006278	.003614	.0016205	.19197	.006846
%RSD	2.250164	13.26866	.4066735	20.05995	28.12476	.2354871	.3884744

#1	.0764521	-.014228	1.543283	-.014592	.0059929	81.54290	1.759631
#2	.0799404	-.013118	1.537807	-.021795	.0040380	81.70335	1.770074
#3	.0778318	-.010905	1.550330	-.017667	.0072540	81.32104	1.757184

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0057720	.1704275	38.65164	.1154751	.0713219	.4758576	145.3143
Stddev	.0000333	.0005420	.07556	.0012707	.0006128	.0012415	.3251
%RSD	.5764724	.3180506	.1954805	1.100408	.8591407	.2609086	.2237355

#1	.0058067	.1706470	38.61742	.1162261	.0709601	.4744294	145.3878
#2	.0057689	.1698101	38.73826	.1161913	.0709762	.4764639	145.5964
#3	.0057404	.1708253	38.59926	.1140080	.0720294	.4766795	144.9587

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.251719	24.62844	.1527037	.0015601	1.127049	.2031531	4.600701
Stddev	.016249	.16222	.0003082	.0002050	.025296	.0006877	.011363
%RSD	.3093996	.6586540	.2018285	13.13795	2.244403	.3385067	.2469739

#1	5.256150	24.65115	.1524660	.0017628	1.109588	.2038709	4.610300
#2	5.265293	24.77811	.1525931	.0015644	1.115501	.2025001	4.603648
#3	5.233714	24.45607	.1530519	.0013530	1.156057	.2030882	4.588156

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	21.07005	10.69219	-.289593	.0030961	1.912961	3.159065	.0434330
Stddev	.06593	.12535	.003288	.0003057	.017767	.024283	.0009671
%RSD	.3129091	1.172396	1.135322	9.874898	.9287658	.7686758	2.226735

#1	21.03421	10.59455	-.290933	.0029506	1.900152	3.177759	.0428583
#2	21.14614	10.64847	-.291998	.0034474	1.905486	3.131620	.0428911
#3	21.02981	10.83355	-.285846	.0028903	1.933244	3.167817	.0445496

Sample Name: I4231-02 Acquired: 7/19/2017 15:43:04 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v72) Mode: CONC Corr. Factor: 1.000000
 User: JASWAL Custom ID1: MET6C4 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.8293755	.0705292	.2740301
Stddev	.0025025	.0001690	.0008434
%RSD	.3017348	.2396776	.3077889

#1	.8269756	.0704134	.2743625
#2	.8291815	.0707232	.2746568
#3	.8319694	.0704511	.2730712

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1306.864	1843.784	54976.02	7496.626	2875.937
Stddev	1.317	10.969	57.06	32.939	13.205
%RSD	.1007919	.5948976	.1037861	.4393838	.4591566

#1	1305.345	1842.300	55017.16	7488.267	2876.007
#2	1307.556	1855.419	55000.02	7468.672	2889.106
#3	1307.690	1833.633	54910.88	7532.939	2862.696

Sample Name: I4231-03 Acquired: 7/19/2017 15:47:05 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v72) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MET6C5 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0684624	-.016092	1.624423	-.016856	.0050503	73.63790	1.932647
Stddev	.0018689	.000964	.001179	.004137	.0008555	.13647	.005329
%RSD	2.729788	5.992998	.0725813	24.54321	16.93933	.1853316	.2757438

#1	.0701402	-.017141	1.625460	-.019894	.0048144	73.58188	1.934596
#2	.0687989	-.015244	1.623141	-.018531	.0059990	73.79347	1.936727
#3	.0664482	-.015890	1.624668	-.012145	.0043375	73.53835	1.926618

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0065584	.0404226	165.8518	.1236352	.0711172	.3464705	172.1695
Stddev	.0000279	.0003028	.7801	.0004694	.0007783	.0017715	.7074
%RSD	.4260294	.7491415	.4703534	.3796579	1.094394	.5112930	.4108642

#1	.0065349	.0403857	166.3685	.1240049	.0702200	.3462008	172.7958
#2	.0065511	.0407421	164.9544	.1231071	.0716103	.3483613	171.4023
#3	.0065893	.0401398	166.2324	.1237936	.0715213	.3448493	172.3103

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.374894	89.70837	.1662534	.0013889	1.572916	.1912894	3.939250
Stddev	.019827	.08043	.0006366	.0002216	.041331	.0021962	.019492
%RSD	.3688815	.0896533	.3829194	15.95525	2.627681	1.148127	.4948262

#1	5.393755	89.78735	.1655288	.0012623	1.564261	.1937663	3.925516
#2	5.354225	89.71121	.1665084	.0016448	1.536597	.1905221	3.961560
#3	5.376703	89.62657	.1667230	.0012597	1.617889	.1895797	3.930674

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	16.89025	10.06413	-.332121	.0092454	5.661261	3.033827	.0241743
Stddev	.03011	.03692	.002509	.0000666	.009754	.057114	.0006172
%RSD	.1782618	.3668724	.7555111	.7208252	.1722952	1.882564	2.552965

#1	16.88864	10.02570	-.333577	.0092155	5.651554	3.076699	.0238537
#2	16.92114	10.09933	-.329224	.0093218	5.671062	2.968992	.0248858
#3	16.86098	10.06735	-.333563	.0091990	5.661166	3.055790	.0237834

Sample Name: I4231-03 Acquired: 7/19/2017 15:47:05 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v72) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MET6C5 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	1.085461	.0714124	.2721127
Stddev	.004871	.0004064	.0004458
%RSD	.4487826	.5691496	.1638181

#1	1.087387	.0713230	.2719030
#2	1.089075	.0718561	.2726246
#3	1.079922	.0710581	.2718104

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1242.681	1761.549	52913.25	7347.504	2702.757
Stddev	8.550	5.193	100.26	16.409	7.882
%RSD	.6879912	.2947824	.1894811	.2233300	.2916239

#1	1251.798	1761.952	52799.05	7331.802	2697.504
#2	1234.843	1756.166	52953.88	7346.172	2698.947
#3	1241.402	1766.528	52986.82	7364.539	2711.820

Sample Name: I4231-04 Acquired: 7/19/2017 15:51:05 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v72) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MET6C6 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0934091	-.037340	2.490767	-.057309	.0120268	80.63484	2.596451
Stddev	.0015681	.002199	.007297	.002913	.0004458	.41235	.016086
%RSD	1.678713	5.890156	.2929446	5.082771	3.707037	.5113786	.6195571

#1	.0925213	-.036742	2.491884	-.053961	.0121763	80.32133	2.594800
#2	.0952197	-.039777	2.497440	-.059267	.0123787	81.10194	2.613299
#3	.0924864	-.035502	2.482976	-.058697	.0115254	80.48124	2.581254

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0097830	.0772579	326.8087	.1700808	.0964520	.6590393	334.1509
Stddev	.0002658	.0003621	.8726	.0012389	.0003496	.0021188	.7957
%RSD	2.716941	.4686749	.2670073	.7283972	.3624057	.3214907	.2381153

#1	.0099008	.0776449	325.9265	.1715051	.0964189	.6572769	333.4925
#2	.0094786	.0772016	327.6714	.1694842	.0961202	.6613900	335.0350
#3	.0099694	.0769273	326.8282	.1692532	.0968169	.6584510	333.9252

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	6.286836	153.9672	.2329221	.0004893	3.080108	.2158128	5.794927
Stddev	.027065	.7770	.0005906	.0002004	.090955	.0018358	.034084
%RSD	.4305088	.5046677	.2535706	40.96280	2.952978	.8506255	.5881698

#1	6.259388	153.5709	.2329784	.0002629	3.134924	.2151063	5.780692
#2	6.313502	154.8625	.2334826	.0005613	2.975117	.2178969	5.770268
#3	6.287617	153.4682	.2323053	.0006439	3.130284	.2144353	5.833821

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	15.19860	10.20350	-.601927	.0209449	4.544508	3.599878	.0456587
Stddev	.09382	.00878	.001847	.0002685	.007059	.028726	.0039413
%RSD	.6172743	.0860788	.3069277	1.281895	.1553289	.7979852	8.632087

#1	15.23724	10.19400	-.601697	.0212312	4.543134	3.612551	.0427620
#2	15.26692	10.20520	-.603880	.0206987	4.538237	3.620090	.0501469
#3	15.09163	10.21132	-.600206	.0209049	4.552153	3.566994	.0440673

Sample Name: I4231-04 Acquired: 7/19/2017 15:51:05 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v72) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MET6C6 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	1.405691	.0810914	.3956114
Stddev	.005537	.0011798	.0016157
%RSD	.3938835	1.454928	.4084062

#1	1.399650	.0811917	.3947882
#2	1.410524	.0822178	.3974729
#3	1.406900	.0798646	.3945731

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1189.441	1720.796	51306.46	7299.217	2548.305
Stddev	1.869	5.680	45.87	26.830	5.756
%RSD	.1571583	.3300651	.0894000	.3675682	.2258773

#1	1187.438	1714.276	51294.98	7301.343	2542.635
#2	1189.747	1723.442	51267.43	7271.388	2548.137
#3	1191.138	1724.670	51356.98	7324.921	2554.144

Sample Name: I4231-05 Acquired: 7/19/2017 15:55:04 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v72) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MET6C7 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1778512	-.037524	6.625447	-.046611	.0125469	81.19960	2.667640
Stddev	.0010789	.002494	.045320	.003742	.0018915	.50203	.017896
%RSD	.6066393	6.647116	.6840365	8.027577	15.07524	.6182723	.6708385

#1	.1776198	-.039677	6.586075	-.050928	.0113486	81.76310	2.687677
#2	.1790271	-.034791	6.674988	-.044307	.0147274	81.03567	2.661999
#3	.1769068	-.038104	6.615278	-.044597	.0115647	80.80002	2.653245

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0100979	.1021679	242.7020	.1367337	.1046720	.9376730	314.1628
Stddev	.0002247	.0009195	1.2499	.0011251	.0011335	.0075766	1.8350
%RSD	2.225550	.9000194	.5150039	.8228361	1.082900	.8080250	.5841078

#1	.0103573	.1012648	242.6467	.1358227	.1041279	.9443247	315.3428
#2	.0099629	.1031030	243.9786	.1379913	.1059749	.9392688	315.0970
#3	.0099734	.1021358	241.4806	.1363871	.1039131	.9294256	312.0486

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	8.496560	115.2369	.2246388	.0150444	3.131924	.2239814	18.70566
Stddev	.049755	.5950	.0010661	.0001463	.085188	.0021859	.17126
%RSD	.5855920	.5163109	.4745649	.9724197	2.719993	.9759164	.9155531

#1	8.531231	115.8344	.2236159	.0150256	3.216800	.2244310	18.68889
#2	8.518899	115.2321	.2257433	.0149085	3.132545	.2259075	18.88469
#3	8.439551	114.6444	.2245571	.0151992	3.046428	.2216056	18.54341

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	15.59488	10.38811	-.607379	.0333318	7.870524	3.555912	.0673292
Stddev	.09142	.09828	.001688	.0008153	.086695	.041877	.0005210
%RSD	.5862368	.9461076	.2779710	2.446004	1.101516	1.177664	.7737919

#1	15.69935	10.29305	-.609283	.0336899	7.784199	3.521563	.0670272
#2	15.52954	10.48932	-.606791	.0339068	7.957585	3.543612	.0670296
#3	15.55573	10.38195	-.606063	.0323988	7.869787	3.602561	.0679308

Sample Name: I4231-05 Acquired: 7/19/2017 15:55:04 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v72) Mode: CONC Corr. Factor: 1.000000
 User: JASWAL Custom ID1: MET6C7 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	1.346356	.0748099	.3979367
Stddev	.004246	.0003572	.0031280
%RSD	.3153759	.4775276	.7860574

#1	1.348645	.0752040	.4015366
#2	1.348967	.0747181	.3963922
#3	1.341457	.0745075	.3958814

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1218.654	1744.310	52543.77	7369.303	2606.691
Stddev	11.851	7.447	107.31	46.246	7.482
%RSD	.9724449	.4269594	.2042233	.6275460	.2870241

#1	1215.429	1740.490	52592.32	7324.958	2609.662
#2	1208.749	1739.548	52420.77	7365.711	2598.180
#3	1231.783	1752.892	52618.22	7417.240	2612.231

Sample Name: I4231-06 Acquired: 7/19/2017 15:59:03 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v72) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MET6C8 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0741863	-.012570	.8039890	-.012672	.0029938	70.54769	1.936542
Stddev	.0023494	.002107	.0047385	.006774	.0020444	.38193	.016318
%RSD	3.166952	16.76625	.5893719	53.45433	68.28655	.5413736	.8426140

#1	.0716723	-.013449	.8079522	-.013169	.0034194	70.14318	1.919214
#2	.0745603	-.010165	.8052743	-.019183	.0007701	70.59780	1.938800
#3	.0763263	-.014095	.7987404	-.005663	.0047919	70.90209	1.951614

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0052704	.0303311	39.00591	.1086496	.0611823	.2682090	138.5450
Stddev	.0000761	.0003955	.10745	.0001574	.0004264	.0011580	.7118
%RSD	1.443388	1.303852	.2754817	.1448671	.6969444	.4317433	.5137792

#1	.0051871	.0306752	38.88761	.1088264	.0610375	.2681823	138.0769
#2	.0052881	.0298991	39.03263	.1085981	.0616623	.2670646	138.1940
#3	.0053361	.0304190	39.09748	.1085245	.0608472	.2693800	139.3642

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.222516	25.06707	.1296078	.0007107	2.128213	.1686378	2.898299
Stddev	.016049	.17142	.0001917	.0002306	.023466	.0016914	.022619
%RSD	.3800770	.6838388	.1479310	32.45158	1.102618	1.002994	.7804191

#1	4.209477	24.87902	.1298289	.0004493	2.155070	.1695775	2.896861
#2	4.217631	25.10760	.1294870	.0007973	2.117891	.1696507	2.921603
#3	4.240439	25.21459	.1295076	.0008854	2.111676	.1666852	2.876434

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	17.49028	9.008986	-.265743	.0058425	1.880359	4.685000	.0341426
Stddev	.12376	.040000	.002790	.0006575	.010481	.155000	.0013068
%RSD	.7075869	.4439977	1.050048	11.25308	.5573863	3.308436	3.827328

#1	17.37100	9.023125	-.263087	.0064109	1.886862	4.510162	.0343309
#2	17.48178	9.039997	-.265492	.0051224	1.885946	4.805569	.0327519
#3	17.61807	8.963838	-.268651	.0059941	1.868268	4.739268	.0353449

Sample Name: I4231-06 Acquired: 7/19/2017 15:59:03 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v72) Mode: CONC Corr. Factor: 1.000000
 User: JASWAL Custom ID1: MET6C8 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.9164045	.0617405	.3374060
Stddev	.0108613	.0005393	.0023747
%RSD	1.185210	.8734605	.7038109

#1	.9137043	.0613535	.3350894
#2	.9071480	.0623565	.3372938
#3	.9283612	.0615115	.3398349

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1306.512	1841.458	54912.27	7554.341	2899.734
Stddev	14.570	9.269	360.99	23.788	11.585
%RSD	1.115209	.5033729	.6573919	.3148954	.3995166

#1	1294.131	1831.073	54639.21	7573.592	2886.440
#2	1302.837	1848.894	54776.04	7561.684	2905.088
#3	1322.568	1844.407	55321.55	7527.747	2907.673

Sample Name: I4231-07 Acquired: 7/19/2017 16:03:05 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v72) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MET6C9 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0804007	-.014795	2.915026	-.025041	.0055959	77.58930	2.594075
Stddev	.0043714	.001843	.003536	.007807	.0008591	3.87954	.129771
%RSD	5.436994	12.45902	.1213189	31.17704	15.35175	5.000093	5.002607

#1	.0783750	-.016924	2.917929	-.016034	.0054933	78.39064	2.617082
#2	.0774096	-.013735	2.916061	-.029877	.0047928	73.37168	2.454339
#3	.0854175	-.013728	2.911087	-.029211	.0065017	81.00560	2.710804

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0066593	.0491239	141.9914	.1386202	.0694410	.4557192	187.1012
Stddev	.0003381	.0006196	7.8805	.0008605	.0002639	.0218420	10.1819
%RSD	5.077754	1.261339	5.549999	.6207517	.3800944	4.792867	5.441904

#1	.0067802	.0484908	143.0147	.1382087	.0694074	.4600426	188.6415
#2	.0062773	.0497291	133.6493	.1396092	.0691954	.4320388	176.2369
#3	.0069203	.0491518	149.3104	.1380427	.0697201	.4750763	196.4251

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.380458	80.35860	.1762161	.0018964	1.957315	.2069207	4.732831
Stddev	.294121	4.40031	.0003211	.0006635	.052277	.0124440	.055327
%RSD	5.466473	5.475841	.1822392	34.98828	2.670828	6.013873	1.169002

#1	5.412820	81.12312	.1762330	.0018456	1.959720	.2104209	4.700088
#2	5.071494	75.62613	.1765284	.0012597	1.903877	.1931015	4.701695
#3	5.657060	84.32655	.1758868	.0025838	2.008347	.2172397	4.796710

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	17.07350	10.50258	-.358479	.0123694	4.438140	3.410177	.0568566
Stddev	.83188	.06237	.017123	.0001676	.024983	.233885	.0013203
%RSD	4.872366	.5938787	4.776633	1.354541	.5629171	6.858431	2.322235

#1	17.27962	10.48506	-.361546	.0121778	4.426832	3.446422	.0580827
#2	16.15794	10.57184	-.340029	.0124418	4.466778	3.160286	.0570283
#3	17.78295	10.45084	-.373861	.0124885	4.420811	3.623824	.0554588

Sample Name: I4231-07 Acquired: 7/19/2017 16:03:05 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v72) Mode: CONC Corr. Factor: 1.000000
 User: JASWAL Custom ID1: MET6C9 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	1.279959	.0766414	.2753864
Stddev	.063993	.0037828	.0138451
%RSD	4.999589	4.935661	5.027522

#1	1.290942	.0769177	.2788065
#2	1.211185	.0727280	.2601518
#3	1.337749	.0802784	.2872010

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1266.548	1803.386	54191.56	7187.180	2775.421
Stddev	4.018	3.227	149.29	318.909	2.893
%RSD	.3172712	.1789329	.2754777	4.437194	.1042205

#1	1270.405	1799.790	54024.33	7084.526	2774.157
#2	1262.385	1806.030	54238.98	7544.775	2773.376
#3	1266.855	1804.338	54311.38	6932.240	2778.731

Sample Name: I4231-08 Acquired: 7/19/2017 16:07:04 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v72) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MET6D0 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0931359	-.025934	3.329419	-.034084	.0057538	72.37517	2.219738
Stddev	.0024874	.003307	.005469	.001618	.0011666	.19264	.001690
%RSD	2.670766	12.74989	.1642747	4.745727	20.27476	.2661738	.0761233

#1	.0939033	-.029732	3.333179	-.032219	.0068339	72.56365	2.221655
#2	.0951491	-.023702	3.331933	-.034929	.0045166	72.38323	2.218463
#3	.0903551	-.024367	3.323144	-.035105	.0059110	72.17862	2.219098

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0074952	.0710521	83.77359	.1424343	.0730625	.4861179	250.8865
Stddev	.0000201	.0003755	.45263	.0007815	.0002505	.0015421	1.3004
%RSD	.2679297	.5285480	.5403008	.5486376	.3428793	.3172298	.5183267

#1	.0074836	.0706209	84.27887	.1415432	.0729425	.4875888	252.3537
#2	.0075184	.0712275	83.63664	.1427566	.0728945	.4862516	250.4296
#3	.0074837	.0713078	83.40524	.1430030	.0733504	.4845133	249.8762

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.871827	47.25215	.1791270	.0019046	1.972279	.1967037	7.191349
Stddev	.026566	.24890	.0005885	.0002943	.076648	.0022746	.014571
%RSD	.5452942	.5267550	.3285585	15.45389	3.886251	1.156366	.2026140

#1	4.900632	47.46169	.1785115	.0021820	1.911622	.1993209	7.207930
#2	4.866556	47.31773	.1791851	.0019359	1.946790	.1955861	7.185530
#3	4.848291	46.97702	.1796843	.0015958	2.058423	.1952040	7.180587

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	15.68131	10.67728	-.510063	.0104520	4.568079	3.462914	.0942116
Stddev	.07508	.05097	.003740	.0004537	.009919	.012361	.0028573
%RSD	.4787754	.4773509	.7333327	4.340904	.2171478	.3569432	3.032859

#1	15.74451	10.72932	-.513491	.0108660	4.579043	3.475759	.0927308
#2	15.70111	10.62746	-.510625	.0099670	4.559726	3.451102	.0923987
#3	15.59832	10.67507	-.506074	.0105231	4.565468	3.461882	.0975054

Sample Name: I4231-08 Acquired: 7/19/2017 16:07:04 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v72) Mode: CONC Corr. Factor: 1.000000
 User: JASWAL Custom ID1: MET6D0 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	1.163342	.0672281	.2305368
Stddev	.004365	.0003950	.0009161
%RSD	.3752512	.5875000	.3973750

#1	1.168086	.0672986	.2313887
#2	1.162447	.0668027	.2306540
#3	1.159494	.0675831	.2295678

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1269.414	1796.377	54205.35	7440.011	2786.007
Stddev	4.727	8.470	162.61	45.495	6.504
%RSD	.3723580	.4715264	.2999974	.6114861	.2334655

#1	1264.058	1786.625	54018.47	7400.509	2778.503
#2	1273.001	1800.610	54282.99	7429.771	2790.032
#3	1271.182	1801.898	54314.59	7489.753	2789.486

Sample Name: I4231-09 Acquired: 7/19/2017 16:11:05 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v72) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MET6D1 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1300506	-.015627	5.405744	-.020777	.0051995	70.40155	2.475452
Stddev	.0013689	.003079	.026171	.004173	.0010137	2.07206	.072079
%RSD	1.052593	19.70118	.4841407	20.08253	19.49598	2.943196	2.911760

#1	.1284701	-.012624	5.402956	-.023645	.0062784	68.74642	2.419665
#2	.1308204	-.018777	5.381078	-.015990	.0042669	72.72538	2.556836
#3	.1308613	-.015481	5.433198	-.022695	.0050533	69.73284	2.449856

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0082354	.0611639	62.69025	.1358053	.0715415	.5590046	201.7770
Stddev	.0002773	.0004409	1.78171	.0017107	.0010170	.0179765	5.4692
%RSD	3.367048	.7208653	2.842091	1.259701	1.421556	3.215798	2.710501

#1	.0080964	.0615004	61.07918	.1374789	.0712972	.5463189	196.9237
#2	.0085547	.0606648	64.60387	.1358774	.0706688	.5795762	207.7031
#3	.0080552	.0613264	62.38769	.1340597	.0726583	.5511187	200.7042

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.032878	28.07750	.1562480	.0060126	2.583486	.2032024	8.879427
Stddev	.129221	.80559	.0006607	.0005329	.056998	.0029166	.031832
%RSD	2.567535	2.869153	.4228472	8.862989	2.206231	1.435313	.3584953

#1	4.912220	27.35350	.1561838	.0057811	2.521500	.2034155	8.914463
#2	5.169228	28.94530	.1556217	.0066221	2.633637	.2060065	8.871534
#3	5.017186	27.93369	.1569384	.0056346	2.595321	.2001850	8.852284

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	16.80211	9.450630	-.327381	.0332065	9.230845	4.294933	.1030680
Stddev	.56097	.043347	.005871	.0007895	.061024	.109159	.0012347
%RSD	3.338692	.4586688	1.793360	2.377635	.6610845	2.541585	1.197929

#1	16.39398	9.443429	-.323026	.0325903	9.238181	4.281770	.1022447
#2	17.44179	9.411334	-.334058	.0329327	9.166484	4.410077	.1044877
#3	16.57056	9.497127	-.325059	.0340965	9.287868	4.192952	.1024717

Sample Name: I4231-09 Acquired: 7/19/2017 16:11:05 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v72) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MET6D1 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	1.440689	.0607732	.2845319
Stddev	.044368	.0022378	.0081232
%RSD	3.079623	3.682150	2.854925

#1	1.405357	.0590768	.2778756
#2	1.490483	.0633093	.2935833
#3	1.426227	.0599334	.2821366

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1252.228	1784.710	53853.79	7380.370	2847.692
Stddev	7.618	5.418	461.72	169.073	6.954
%RSD	.6083430	.3035722	.8573628	2.290848	.2442078

#1	1244.106	1782.690	53494.88	7505.593	2840.813
#2	1253.364	1780.593	53691.81	7188.047	2854.719
#3	1259.214	1790.848	54374.67	7447.470	2847.544

Sample Name: I4231-10 Acquired: 7/19/2017 16:15:07 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v72) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MET6D2 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0722343	-.011190	1.663400	-.020208	.0042007	63.91685	1.801407
Stddev	.0027913	.000843	.004583	.003686	.0002017	.22041	.010007
%RSD	3.864270	7.532781	.2755456	18.23933	4.802063	.3448362	.5555377

#1	.0700294	-.012163	1.663764	-.022883	.0042101	64.16882	1.812702
#2	.0713007	-.010668	1.658646	-.021737	.0039944	63.75985	1.797869
#3	.0753727	-.010740	1.667791	-.016004	.0043975	63.82188	1.793649

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0053412	.0324327	39.10089	.1118881	.0606040	.2506483	129.2919
Stddev	.0001390	.0002606	.09687	.0014927	.0002355	.0025435	.3314
%RSD	2.603323	.8033519	.2477421	1.334087	.3885580	1.014774	.2563028

#1	.0053507	.0321357	39.07447	.1101875	.0603423	.2535258	129.2972
#2	.0054752	.0325394	39.01998	.1129816	.0607989	.2487001	128.9579
#3	.0051976	.0326230	39.20823	.1124952	.0606708	.2497191	129.6206

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.991927	26.70854	.1260882	.0004661	1.296337	.1605565	2.967502
Stddev	.011387	.01145	.0009350	.0001298	.043388	.0027040	.041112
%RSD	.2281013	.0428880	.7415133	27.84436	3.346933	1.684119	1.385399

#1	4.998905	26.70996	.1268612	.0005300	1.333342	.1591734	2.934353
#2	4.978787	26.69645	.1250490	.0003167	1.307083	.1588238	3.013505
#3	4.998088	26.71922	.1263544	.0005515	1.248587	.1636722	2.954649

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	17.05079	8.924186	-.219559	.0064878	1.807325	6.684714	.0334338
Stddev	.15252	.016875	.002214	.0003898	.012298	.025007	.0010257
%RSD	.8944825	.1890963	1.008376	6.008698	.6804757	.3740988	3.067818

#1	17.17641	8.913813	-.221638	.0068637	1.801288	6.668107	.0345979
#2	16.88109	8.915086	-.219807	.0060854	1.799212	6.713475	.0326630
#3	17.09487	8.943658	-.217231	.0065143	1.821475	6.672559	.0330406

Sample Name: I4231-10 Acquired: 7/19/2017 16:15:07 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v72) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MET6D2 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.9725036	.0552612	.1958969
Stddev	.0056268	.0005028	.0009621
%RSD	.5785901	.9098396	.4911073

#1	.9661667	.0557034	.1965427
#2	.9744294	.0553659	.1947912
#3	.9769146	.0547143	.1963568

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1309.222	1848.981	55295.50	7592.299	2914.268
Stddev	8.274	1.002	294.60	14.788	7.647
%RSD	.6319622	.0541794	.5327761	.1947817	.2623992

#1	1311.102	1850.060	55465.47	7579.562	2913.555
#2	1300.170	1848.080	54955.32	7608.517	2922.247
#3	1316.394	1848.804	55465.71	7588.817	2907.003

Sample Name: I4231-11 Acquired: 7/19/2017 16:19:10 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v72) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MET6D3 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0989234	-.023021	5.367414	-.037412	.0090382	81.16633	2.785479
Stddev	.0044722	.003024	.061906	.001774	.0025709	.14678	.005569
%RSD	4.520882	13.13664	1.153369	4.742926	28.44530	.1808345	.1999288

#1	.0988287	-.024542	5.419097	-.037496	.0070446	81.05321	2.782970
#2	.0944992	-.024983	5.384340	-.039143	.0081300	81.33219	2.791861
#3	.1034422	-.019538	5.298806	-.035597	.0119399	81.11360	2.781606

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0091621	.0712372	111.9279	.1893651	.0806529	.9064756	250.3132
Stddev	.0000571	.0007740	.4969	.0025755	.0008882	.0025268	.9015
%RSD	.6233599	1.086570	.4439054	1.360055	1.101292	.2787463	.3601493

#1	.0091549	.0718991	111.4990	.1923371	.0813738	.9088062	249.4878
#2	.0091089	.0714263	112.4724	.1879725	.0809243	.9037902	251.2752
#3	.0092225	.0703861	111.8124	.1877858	.0796607	.9068304	250.1767

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.964658	37.60467	.2212554	.0020361	2.371142	.2367462	12.02787
Stddev	.015082	.12535	.0030147	.0002148	.013258	.0031441	.13747
%RSD	.3037832	.3333490	1.362526	10.55133	.5591214	1.328050	1.142891

#1	4.955117	37.58638	.2240810	.0022043	2.370673	.2371844	12.18198
#2	4.982046	37.73816	.2216033	.0017941	2.358125	.2334060	11.91788
#3	4.956812	37.48946	.2180819	.0021098	2.384628	.2396482	11.98375

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	17.06107	15.29414	-.439654	.0282216	8.026391	3.569616	.0973183
Stddev	.08140	.12498	.002020	.0005550	.067602	.022001	.0012882
%RSD	.4771315	.8171590	.4593949	1.966649	.8422410	.6163545	1.323662

#1	17.03761	15.41306	-.441341	.0281756	8.086556	3.569423	.0987414
#2	17.15163	15.30548	-.440205	.0287981	8.039379	3.591714	.0962321
#3	16.99398	15.16388	-.437416	.0276910	7.953238	3.547712	.0969814

Sample Name: I4231-11 Acquired: 7/19/2017 16:19:10 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v72) Mode: CONC Corr. Factor: 1.000000
 User: JASWAL Custom ID1: MET6D3 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	1.214603	.0708442	.3818441
Stddev	.004969	.0002564	.0005172
%RSD	.4091021	.3618994	.1354451

#1	1.216742	.0705501	.3819318
#2	1.218145	.0710206	.3823119
#3	1.208923	.0709619	.3812887

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1245.334	1794.331	53774.84	7454.293	2793.655
Stddev	12.878	17.508	566.39	33.811	32.109
%RSD	1.034104	.9757627	1.053254	.4535711	1.149340

#1	1231.144	1781.478	53121.33	7469.209	2766.333
#2	1248.577	1787.244	54123.58	7415.590	2785.611
#3	1256.280	1814.272	54079.62	7478.081	2829.020

Sample Name: I4231-12 Acquired: 7/19/2017 16:23:11 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v72) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MET6D4 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0864963	-.034784	3.107232	-.053483	.0134428	60.65813	2.096978
Stddev	.0088632	.002585	.012626	.004057	.0010930	.23381	.009600
%RSD	10.24689	7.432694	.4063461	7.585100	8.130814	.3854478	.4577898

#1	.0763822	-.037548	3.104731	-.050921	.0122006	60.91362	2.107547
#2	.0929078	-.034379	3.096043	-.051366	.0142573	60.60596	2.088798
#3	.0901988	-.032425	3.120921	-.058160	.0138705	60.45482	2.094590

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0072311	.0577551	205.2970	.2189597	.0791690	.7533727	316.6970
Stddev	.0001124	.0007222	.3833	.0022487	.0008577	.0061821	.7865
%RSD	1.554840	1.250488	.1867023	1.027005	1.083383	.8205868	.2483366

#1	.0071022	.0578425	205.2376	.2163924	.0786995	.7591865	316.7996
#2	.0073089	.0569931	205.7065	.2199061	.0786485	.7468786	317.4271
#3	.0072821	.0584296	204.9469	.2205805	.0801589	.7540530	315.8642

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.938069	54.06736	.2125542	.0005835	2.321106	.1849610	7.228608
Stddev	.008756	.32004	.0007624	.0001933	.110517	.0017267	.098169
%RSD	.1773127	.5919332	.3586820	33.13619	4.761413	.9335315	1.358064

#1	4.942812	53.94483	.2118308	.0005281	2.444709	.1842382	7.283143
#2	4.943429	54.43056	.2124813	.0004238	2.231813	.1869316	7.287402
#3	4.927964	53.82669	.2133504	.0007984	2.286796	.1837133	7.115279

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	14.84280	14.94414	-.641190	.0189061	15.35421	2.689119	.1049566
Stddev	.07651	.04682	.000936	.0003236	.08233	.018175	.0015849
%RSD	.5154788	.3132755	.1459201	1.711893	.5361834	.6758546	1.510058

#1	14.88959	14.94271	-.640121	.0186205	15.34312	2.682585	.1035356
#2	14.75450	14.89805	-.641860	.0188401	15.27800	2.675115	.1046684
#3	14.88431	14.99166	-.641590	.0192576	15.44152	2.709657	.1066659

Sample Name: I4231-12 Acquired: 7/19/2017 16:23:11 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v72) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MET6D4 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	1.151846	.0603345	.5202435
Stddev	.005970	.0007042	.0013662
%RSD	.5183040	1.167195	.2626111

#1	1.158724	.0609842	.5218193
#2	1.148005	.0595862	.5195203
#3	1.148809	.0604330	.5193908

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1194.023	1702.978	51973.63	7194.638	2674.756
Stddev	8.780	2.362	163.20	16.940	5.482
%RSD	.7352933	.1386747	.3140107	.2354563	.2049454

#1	1185.518	1705.598	51788.20	7177.527	2679.084
#2	1193.497	1701.012	52037.25	7194.985	2676.592
#3	1203.053	1702.324	52095.44	7211.402	2668.592

Sample Name: I4231-13 Acquired: 7/19/2017 16:27:13 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v72) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MET6D5 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0830604	-.024772	3.000330	-.033328	.0075807	69.51201	2.196695
Stddev	.0057093	.002683	.023671	.005841	.0011909	.66752	.017929
%RSD	6.873662	10.83077	.7889613	17.52660	15.70924	.9602957	.8161992

#1	.0893752	-.023567	3.004172	-.038145	.0082746	68.85877	2.179765
#2	.0815425	-.027847	3.021846	-.035007	.0082620	70.19295	2.215480
#3	.0782634	-.022903	2.974973	-.026831	.0062056	69.48432	2.194841

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0070882	.0519414	775.7283	.1361353	.0610924	.6695242	215.6954
Stddev	.0000589	.0004202	9.1688	.0012902	.0003158	.0062638	2.3083
%RSD	.8311654	.8090067	1.181958	.9477504	.5169335	.9355651	1.070173

#1	.0070995	.0524067	765.7396	.1366182	.0612736	.6634664	213.2309
#2	.0071407	.0518277	783.7617	.1346732	.0612758	.6759755	217.8069
#3	.0070245	.0515897	777.6836	.1371143	.0607277	.6691306	216.0485

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	3.362589	34.01853	.1651628	.0007592	2.355661	.1778428	9.208135
Stddev	.040023	.29606	.0006687	.0003035	.037668	.0016725	.087699
%RSD	1.190242	.8703037	.4049039	39.97679	1.599059	.9404402	.9524127

#1	3.319045	33.71084	.1657991	.0004668	2.313582	.1759117	9.243519
#2	3.397770	34.30141	.1652235	.0010727	2.367164	.1787918	9.108271
#3	3.370952	34.04332	.1644657	.0007380	2.386237	.1788250	9.272614

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	15.41182	17.83583	-.352214	.0205132	11.73275	2.971317	.1112383
Stddev	.15379	.14869	.004665	.0003282	.08895	.031567	.0015775
%RSD	.9978885	.8336787	1.324579	1.599834	.7580921	1.062392	1.418165

#1	15.27870	17.90027	-.348933	.0204721	11.74948	2.940222	.1115726
#2	15.58017	17.94144	-.357554	.0208600	11.81214	3.003336	.1095204
#3	15.37658	17.66579	-.350153	.0202075	11.63663	2.970393	.1126219

Sample Name: I4231-13 Acquired: 7/19/2017 16:27:13 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v72) Mode: CONC Corr. Factor: 1.000000
 User: JASWAL Custom ID1: MET6D5 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	1.113795	.0668978	1.241874
Stddev	.011940	.0005487	.008162
%RSD	1.071983	.8202580	.6571942

#1	1.104372	.0663592	1.234378
#2	1.127222	.0674562	1.250568
#3	1.109791	.0668779	1.240676

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1145.049	1624.082	49509.14	6931.897	2448.833
Stddev	5.990	12.563	199.10	58.949	19.972
%RSD	.5231393	.7735622	.4021579	.8503956	.8155629

#1	1141.315	1618.054	49390.74	6974.303	2437.326
#2	1151.959	1615.668	49739.01	6864.583	2437.278
#3	1141.874	1638.523	49397.66	6956.804	2471.894

Sample Name: I4231-14 Acquired: 7/19/2017 16:31:14 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v72) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MET6D6 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1017220	-.020423	2.148628	-.024547	.0065944	55.75878	1.948468
Stddev	.0076925	.003653	.007335	.005110	.0007994	.75286	.028734
%RSD	7.562315	17.88452	.3413629	20.81717	12.12283	1.350215	1.474681

#1	.1087718	-.020692	2.140443	-.019003	.0070265	56.27537	1.967778
#2	.0935173	-.016643	2.150838	-.025569	.0070847	54.89496	1.915447
#3	.1028770	-.023933	2.154604	-.029068	.0056719	56.10599	1.962180

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0073085	.0403944	44.24709	.2299072	.0648302	.4863611	229.9342
Stddev	.0000582	.0003632	.48355	.0009674	.0002399	.0085827	2.9153
%RSD	.7967192	.8991651	1.092851	.4207688	.3699893	1.764680	1.267893

#1	.0073339	.0400515	44.70522	.2288010	.0645539	.4931966	232.7371
#2	.0072419	.0403568	43.74160	.2303257	.0649856	.4767289	226.9182
#3	.0073497	.0407749	44.29444	.2305948	.0649510	.4891579	230.1472

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.935616	20.20563	.1774908	.0007568	2.065607	.1834629	5.079862
Stddev	.057747	.22244	.0007778	.0001263	.055099	.0019317	.092618
%RSD	1.169999	1.100877	.4382202	16.69055	2.667468	1.052916	1.823232

#1	4.993574	20.41309	.1771773	.0006110	2.080897	.1834656	4.973135
#2	4.878083	19.97076	.1769186	.0008286	2.004477	.1815299	5.127299
#3	4.935191	20.23305	.1783764	.0008309	2.111446	.1853933	5.139152

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	14.96911	10.34834	-.448402	.0449402	10.96165	2.458358	.0828858
Stddev	.22561	.06746	.004012	.0005141	.04581	.061448	.0008427
%RSD	1.507181	.6518994	.8947617	1.143977	.4179393	2.499547	1.016731

#1	15.10663	10.32837	-.451998	.0455264	10.94173	2.527021	.0829026
#2	14.70873	10.29313	-.444074	.0445658	10.92917	2.439516	.0820348
#3	15.09197	10.42354	-.449134	.0447284	11.01405	2.408538	.0837200

Sample Name: I4231-14 Acquired: 7/19/2017 16:31:14 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v72) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MET6D6 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.9047593	.0523125	.3015646
Stddev	.0106497	.0011890	.0036866
%RSD	1.177071	2.272948	1.222489

#1	.9095693	.0527652	.3038544
#2	.8925531	.0509636	.2973118
#3	.9121554	.0532086	.3035275

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1258.029	1764.849	54120.39	7413.591	2867.399
Stddev	7.595	8.356	127.13	91.237	11.956
%RSD	.6037154	.4734682	.2348985	1.230674	.4169782

#1	1265.510	1763.143	54212.05	7334.352	2874.236
#2	1258.254	1773.927	54173.87	7513.336	2874.367
#3	1250.325	1757.479	53975.26	7393.086	2853.593

Sample Name: I4231-15 Acquired: 7/19/2017 16:35:15 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v72) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MET6D7 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0711178	-.013278	1.030671	-.022175	.0026274	65.84321	1.608379
Stddev	.0015425	.001760	.009265	.003786	.0004458	.09666	.001664
%RSD	2.168938	13.25590	.8989430	17.07118	16.96641	.1467971	.1034782

#1	.0724705	-.015196	1.024000	-.021115	.0022400	65.95447	1.610260
#2	.0694380	-.011737	1.026764	-.019032	.0031146	65.79516	1.607780
#3	.0714450	-.012901	1.041250	-.026377	.0025275	65.77999	1.607097

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0055601	.0270531	37.34875	.1131815	.0553870	.3210806	155.6588
Stddev	.0000592	.0002695	.07864	.0011860	.0007095	.0038973	.2885
%RSD	1.065327	.9962946	.2105437	1.047833	1.281006	1.213804	.1853104

#1	.0056183	.0267827	37.32873	.1144810	.0556677	.3238466	155.8926
#2	.0055623	.0270547	37.28205	.1121577	.0545800	.3166234	155.3365
#3	.0054998	.0273218	37.43545	.1129057	.0559131	.3227718	155.7475

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	3.400065	22.62338	.1386876	.0002781	1.388492	.1665529	3.556397
Stddev	.006788	.08406	.0006578	.0002140	.103605	.0005205	.060518
%RSD	.1996285	.3715500	.4742985	76.94224	7.461699	.3124892	1.701669

#1	3.394267	22.64601	.1379520	.0002162	1.347463	.1666173	3.624977
#2	3.398396	22.53032	.1388912	.0001019	1.311684	.1660032	3.510485
#3	3.407531	22.69380	.1392195	.0005162	1.506327	.1670381	3.533730

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	16.61999	9.354901	-.319173	.0072864	5.970851	5.042662	.0222032
Stddev	.05506	.060777	.001620	.0001358	.054621	.106803	.0009879
%RSD	.3312911	.6496823	.5075357	1.863286	.9147979	2.117985	4.449372

#1	16.67786	9.292004	-.319016	.0074390	5.925742	5.165958	.0221424
#2	16.56826	9.359388	-.320865	.0072411	5.955230	4.978705	.0212471
#3	16.61384	9.413310	-.317637	.0071791	6.031581	4.983322	.0232201

Sample Name: I4231-15 Acquired: 7/19/2017 16:35:15 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v72) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MET6D7 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.9390165	.0586084	.2239405
Stddev	.0072914	.0007727	.0004471
%RSD	.7764954	1.318484	.1996326

#1	.9341342	.0588778	.2244563
#2	.9355172	.0577370	.2236648
#3	.9473979	.0592104	.2237003

Int. Std.	Y_ 2243	Y_ 2243	Y_ 3600	Y_ 3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1302.285	1838.412	55114.59	7557.151	2898.107
Stddev	21.945	2.359	705.43	28.238	9.524
%RSD	1.685097	.1283388	1.279935	.3736627	.3286395

#1	1277.273	1837.828	54306.62	7525.389	2904.731
#2	1311.277	1841.008	55429.06	7566.648	2902.398
#3	1318.306	1836.399	55608.10	7579.417	2887.192

Sample Name: I4231-16 Acquired: 7/19/2017 16:39:15 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v72) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MET6D8 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0783168	-.014774	2.518774	-.020704	.0049756	88.41541	2.312169
Stddev	.0032919	.000826	.006179	.004291	.0013962	.49132	.008373
%RSD	4.203329	5.588337	.2453270	20.72636	28.06144	.5556944	.3621183

#1	.0757851	-.015293	2.514265	-.022119	.0065878	88.57587	2.315326
#2	.0820382	-.015209	2.516239	-.024108	.0041550	87.86392	2.302677
#3	.0771271	-.013822	2.525817	-.015884	.0041841	88.80643	2.318504

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0081563	.0340287	186.2564	.1430446	.0719513	.3161680	162.1561
Stddev	.0000712	.0003121	1.3095	.0009248	.0000939	.0052423	.9939
%RSD	.8724193	.9171821	.7030585	.6465178	.1305318	1.658084	.6129333

#1	.0082382	.0338025	185.2647	.1440032	.0718440	.3165150	161.7311
#2	.0081210	.0338988	185.7638	.1429730	.0719912	.3107608	161.4453
#3	.0081097	.0343847	187.7408	.1421577	.0720187	.3212282	163.2918

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	6.451858	53.04933	.1763491	.0007636	2.350155	.2062928	4.648993
Stddev	.043651	.27712	.0003328	.0000620	.049613	.0030733	.064249
%RSD	.6765659	.5223845	.1887450	8.112527	2.111073	1.489771	1.382001

#1	6.425273	53.03295	.1762942	.0007117	2.394529	.2097538	4.591462
#2	6.428065	52.78076	.1767060	.0007469	2.359349	.2052411	4.637192
#3	6.502236	53.33427	.1760471	.0008322	2.296588	.2038833	4.718324

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	14.69330	9.454013	-.321512	.0048867	4.892771	6.294381	.0286429
Stddev	.10668	.024439	.001028	.0004010	.021138	.016019	.0005151
%RSD	.7260746	.2584996	.3196127	8.205207	.4320287	.2544990	1.798472

#1	14.73399	9.443378	-.322480	.0053490	4.905444	6.301519	.0280494
#2	14.57226	9.436694	-.320434	.0046342	4.868368	6.305589	.0289746
#3	14.77365	9.481967	-.321623	.0046768	4.904500	6.276033	.0289045

Sample Name: I4231-16 Acquired: 7/19/2017 16:39:15 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v72) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MET6D8 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	1.180869	.0779623	.4073800
Stddev	.001004	.0008249	.0021274
%RSD	.0849885	1.058029	.5222254

#1	1.181368	.0788760	.4089038
#2	1.179714	.0772725	.4049494
#3	1.181525	.0777383	.4082869

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1283.514	1813.113	54070.99	7498.836	2728.200
Stddev	5.392	4.725	149.14	24.707	.845
%RSD	.4200730	.2605799	.2758165	.3294780	.0309843

#1	1289.548	1808.693	53922.00	7485.853	2727.658
#2	1281.824	1812.555	54220.27	7527.328	2729.174
#3	1279.170	1818.093	54070.70	7483.328	2727.768

Sample Name: I4231-17 Acquired: 7/19/2017 16:43:14 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v72) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MET6D9 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.2209065	-.017694	2.965969	-.020976	.0039334	77.37999	2.185431
Stddev	.0054593	.002068	.008539	.006238	.0010069	.90497	.025878
%RSD	2.471334	11.68849	.2879037	29.73630	25.59872	1.169510	1.184129

#1	.2211774	-.019049	2.973055	-.014106	.0029013	76.51495	2.165145
#2	.2262254	-.015313	2.968365	-.022540	.0039859	78.32020	2.214575
#3	.2153168	-.018719	2.956488	-.026284	.0049131	77.30482	2.176572

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0089109	.0578059	423.2318	.1134335	.0701429	.5341328	175.7244
Stddev	.0000516	.0003915	5.3863	.0010363	.0005307	.0090519	2.1640
%RSD	.5795201	.6772283	1.272663	.9135441	.7566541	1.694692	1.231478

#1	.0089110	.0580672	417.1550	.1143635	.0707148	.5255719	173.3007
#2	.0088592	.0573558	427.4177	.1123164	.0696662	.5436065	177.4628
#3	.0089625	.0579947	425.1226	.1136206	.0700478	.5332201	176.4097

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	3.832277	47.07863	.1758237	.0047277	2.781848	.1851337	14.19507
Stddev	.050894	.59408	.0010538	.0001768	.007769	.0022205	.06413
%RSD	1.328028	1.261894	.5993527	3.739380	.2792783	1.199383	.4517983

#1	3.777191	46.50078	.1768022	.0048992	2.790818	.1851570	14.17638
#2	3.877548	47.68771	.1747080	.0047377	2.777280	.1873424	14.26647
#3	3.842092	47.04739	.1759609	.0045461	2.777445	.1829017	14.14236

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	13.20044	8.780178	-.234195	.0174627	5.616660	4.500256	.0279625
Stddev	.17409	.051924	.003634	.0005209	.025817	.063070	.0020534
%RSD	1.318809	.5913749	1.551823	2.982843	.4596526	1.401484	7.343326

#1	13.08656	8.828768	-.230411	.0178806	5.626291	4.443765	.0288874
#2	13.40084	8.725464	-.237659	.0168791	5.587412	4.568307	.0293906
#3	13.11393	8.786302	-.234515	.0176284	5.636277	4.488698	.0256093

Sample Name: I4231-17 Acquired: 7/19/2017 16:43:14 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v72) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MET6D9 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	1.167753	.0718233	.7439011
Stddev	.012899	.0002453	.0095791
%RSD	1.104629	.3415821	1.287678

#1	1.154492	.0716651	.7354276
#2	1.180257	.0721059	.7542948
#3	1.168511	.0716988	.7419809

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1239.711	1746.263	52361.50	7285.430	2631.304
Stddev	7.194	7.014	301.82	61.963	10.672
%RSD	.5802648	.4016728	.5764194	.8505095	.4055800

#1	1234.690	1738.247	52202.27	7350.796	2619.304
#2	1236.491	1749.267	52172.64	7227.550	2634.876
#3	1247.952	1751.275	52709.60	7277.944	2639.732

Sample Name: CCV099 Acquired: 7/19/2017 16:47:14 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v72) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: CCV099 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.894679	4.630736	23.41844	4.787971	4.861046	405.5142
Stddev	.017986	.021616	.13463	.025474	.015239	2.9006
%RSD	.3674501	.4667936	.5748707	.5320504	.3134858	.7152925

#1	4.915436	4.639323	23.52944	4.793545	4.876399	402.1849
#2	4.883728	4.606146	23.26869	4.760171	4.845924	406.8623
#3	4.884872	4.646740	23.45719	4.810197	4.860814	407.4955

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	9.607591	.4519759	2.320606	383.7866	14.04198	2.398771
Stddev	.083555	.0023838	.012845	2.1196	.15969	.014442
%RSD	.8696738	.5274234	.5535042	.5522861	1.137232	.6020378

#1	9.552794	.4506648	2.327956	381.3657	13.97040	2.409460
#2	9.566219	.4505354	2.305774	384.6856	13.93060	2.382342
#3	9.703759	.4547275	2.328087	385.3086	14.22493	2.404511

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	14.58774	395.2621	F 13.49331	390.2369	2.351414	1.241602
Stddev	.11661	2.1704	.07990	2.0905	.013456	.013873
%RSD	.7993788	.5490919	.5921574	.5357106	.5722310	1.117357

#1	14.45367	392.7561	13.40204	387.8232	2.363268	1.240261
#2	14.64397	396.5014	13.52724	391.4148	2.336788	1.228448
#3	14.66558	396.5289	13.55064	391.4728	2.354184	1.256097

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	410.5397	2.292301	14.53559	145.6711	5.125260	F 3.843212
Stddev	2.4067	.009355	.23326	1.3416	.020841	.014024
%RSD	.5862189	.4080847	1.604739	.9209949	.4066238	.3649094

#1	408.0089	2.282463	14.41357	144.1229	5.142516	3.827353
#2	410.8108	2.293358	14.38864	146.3984	5.102106	3.848308
#3	412.7993	2.301082	14.80455	146.4921	5.131157	3.853976

Sample Name: CCV099 Acquired: 7/19/2017 16:47:14 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v72) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: CCV099 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.786014	5.758821	4.501918	4.665751	4.663340	4.919574
Stddev	.012309	.056550	.030819	.039413	.029915	.047607
%RSD	.2571814	.9819688	.6845804	.8447400	.6414864	.9676989

#1	4.793646	5.765140	4.468618	4.700727	4.630467	4.864625
#2	4.771815	5.699377	4.507697	4.623045	4.670589	4.945684
#3	4.792583	5.811946	4.529438	4.673482	4.688965	4.948413

Elem	Sr4077
Units	ppm
Avg	4.940694
Stddev	.028835
%RSD	.5836280

#1	4.932126
#2	4.917114
#3	4.972842

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1039.965	1487.361	44207.31	6412.154	2263.347
Stddev	10.170	5.804	354.32	22.173	13.491
%RSD	.9779268	.3901914	.8014960	.3457929	.5960502

#1	1044.880	1480.837	44309.50	6437.568	2249.566
#2	1046.744	1491.950	44499.30	6396.759	2276.527
#3	1028.271	1489.295	43813.12	6402.134	2263.948

Sample Name: CCB099 Acquired: 7/19/2017 16:51:20 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v72) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: CCB099 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000897	.0010761	-.000724	.0034435	-.000302	.0235225	.0000442
Stddev	.004030	.0023793	.000807	.0017894	.001254	.0060004	.0000422
%RSD	449.3190	221.1098	111.4672	51.96379	415.5782	25.50900	95.54820

#1	.001499	.0037330	-.000306	.0020905	-.001722	.0301772	.0000725
#2	-.005550	-.000858	-.000212	.0027676	.000160	.0218656	.0000644
#3	.001360	.000353	-.001654	.0054724	.000656	.0185247	-.000004

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0001007	-.000081	.0182044	-.000539	-.000333	.0017859	.0199462
Stddev	.0001294	.000138	.0159192	.000266	.000282	.0011829	.0096322
%RSD	128.5593	171.4904	87.44682	49.27106	84.63232	66.23426	48.29118

#1	.0001377	-.000188	.0362238	-.000560	-.000333	.0029873	.0239694
#2	-.000043	-.000129	.0123406	-.000264	-.000615	.0017479	.0089546
#3	.000208	.000075	.0060488	-.000794	-.000051	.0006225	.0269145

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0005972	-.006198	.0000022	.0003412	-.089696	-.003677	-.000049
Stddev	.0004075	.032869	.0006687	.0000625	.088749	.000556	.010920
%RSD	68.23658	530.3394	31056.60	18.31537	98.94504	15.12999	22216.72

#1	.0010214	.018553	.0002311	.0003120	-.079884	-.004005	.011860
#2	.0002086	.006345	-.000751	.0002987	-.006260	-.003035	-.002414
#3	.0005617	-.043491	.000526	.0004130	-.182943	-.003992	-.009593

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0396360	-.002312	.0052712	.0011499	-.068459	-.000012	-.000285
Stddev	.0401495	.000583	.0018513	.0005188	.002613	.000380	.000918
%RSD	101.2955	25.21995	35.12013	45.11240	3.816759	3281.868	322.1187

#1	.0173346	-.001886	.0043720	.0009464	-.065653	.000416	.000768
#2	.0859858	-.002073	.0074003	.0017396	-.068902	-.000141	-.000706
#3	.0155878	-.002976	.0040413	.0007639	-.070822	-.000310	-.000917

Sample Name: CCB099 Acquired: 7/19/2017 16:51:20 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v72) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: CCB099 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.0005675	-.000683	.0002548
Stddev	.0007990	.000559	.0000897
%RSD	140.8045	81.72570	35.21410

#1	.0005492	-.000297	.0003510
#2	.0013754	-.000429	.0002399
#3	-.000222	-.001324	.0001734

Int. Std.	Y_ 2243	Y_ 2243	Y_ 3600	Y_ 3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1296.820	1779.895	52954.40	6747.535	3074.845
Stddev	1.791	2.911	117.59	212.625	7.489
%RSD	.1381442	.1635226	.2220603	3.151157	.2435525

#1	1296.663	1783.152	52819.02	6838.006	3083.043
#2	1298.685	1778.983	53031.14	6504.636	3068.363
#3	1295.112	1777.550	53013.03	6899.962	3073.130

Sample Name: I4231-18 Acquired: 7/19/2017 16:55:31 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v72) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MET6E0 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1970326	-.015049	1.848036	-.023724	.0055876	77.93978	1.805318
Stddev	.0021255	.003426	.003642	.005902	.0017296	2.60703	.057490
%RSD	1.078764	22.76514	.1971011	24.87639	30.95466	3.344930	3.184456

#1	.1947914	-.011257	1.852204	-.029612	.0039844	75.50445	1.748782
#2	.1990195	-.017922	1.845459	-.023751	.0074207	80.68992	1.863716
#3	.1972868	-.015968	1.846447	-.017809	.0053577	77.62498	1.803456

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0069871	.0364305	174.6549	.1148395	.0660598	.4862594	173.1131
Stddev	.0002802	.0001476	5.7441	.0009535	.0001609	.0163952	5.7672
%RSD	4.010559	.4052534	3.288826	.8302439	.2435460	3.371694	3.331462

#1	.0067148	.0365296	169.8141	.1149256	.0661806	.4707806	168.1258
#2	.0072746	.0362609	181.0021	.1138458	.0658772	.5034385	179.4285
#3	.0069717	.0365012	173.1485	.1157469	.0661215	.4845592	171.7850

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.255122	40.70262	.1755958	.0023699	3.058558	.1900617	9.533895
Stddev	.143140	1.33973	.0012155	.0005842	.032645	.0046850	.092470
%RSD	3.363941	3.291500	.6922198	24.64923	1.067333	2.464988	.9699057

#1	4.128806	39.43516	.1766705	.0018404	3.028965	.1877323	9.598380
#2	4.410596	42.10448	.1742767	.0029965	3.093576	.1954549	9.575353
#3	4.225966	40.56823	.1758404	.0022728	3.053135	.1869980	9.427951

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	14.92504	8.663233	-.326082	.0060919	3.072433	4.755005	.0295956
Stddev	.56234	.053962	.011638	.0003109	.022872	.165958	.0009141
%RSD	3.767751	.6228892	3.568894	5.104169	.7444190	3.490186	3.088694

#1	14.38849	8.663631	-.314832	.0062060	3.067746	4.596010	.0303793
#2	15.51003	8.609072	-.338072	.0063298	3.052268	4.927145	.0285914
#3	14.87659	8.716995	-.325342	.0057401	3.097285	4.741860	.0298162

Sample Name: I4231-18 Acquired: 7/19/2017 16:55:31 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v72) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MET6E0 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.9386693	.0796144	.4210608
Stddev	.0260857	.0022789	.0149191
%RSD	2.779010	2.862408	3.543209

#1	.9200257	.0772636	.4075819
#2	.9684796	.0818138	.4370910
#3	.9275026	.0797658	.4185094

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1268.395	1798.382	53777.97	7403.088	2746.273
Stddev	6.495	1.926	286.17	221.628	4.114
%RSD	.5120661	.1070775	.5321292	2.993720	.1498131

#1	1261.264	1796.369	53448.33	7592.623	2743.403
#2	1273.971	1800.207	53962.62	7159.404	2750.987
#3	1269.951	1798.571	53922.97	7457.238	2744.431

Sample Name: I4231-19 Acquired: 7/19/2017 16:59:31 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v72) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MET6E1 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1259649	-.016680	1.929304	-.027858	.0050496	74.02900	2.493683
Stddev	.0052768	.002604	.002276	.002592	.0019568	.14359	.010286
%RSD	4.189103	15.61388	.1179713	9.303610	38.75142	.1939707	.4124632

#1	.1224749	-.015419	1.929388	-.029429	.0044105	74.13263	2.501884
#2	.1233846	-.019675	1.931537	-.024866	.0072461	73.86509	2.482143
#3	.1320354	-.014946	1.926987	-.029278	.0034923	74.08927	2.497021

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0062486	.0386968	86.31097	.1077116	.0690020	.4545767	181.8105
Stddev	.0001217	.0000373	.00758	.0018174	.0003657	.0036278	.1574
%RSD	1.947690	.0964790	.0087820	1.687272	.5299237	.7980700	.0865890

#1	.0061135	.0386626	86.30316	.1060003	.0685875	.4585957	181.6329
#2	.0063497	.0387366	86.31830	.1075153	.0691395	.4535907	181.9328
#3	.0062826	.0386912	86.31144	.1096191	.0692790	.4515439	181.8660

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.028627	28.54486	.1507173	.0030025	7.447571	.1958874	7.366944
Stddev	.007137	.01171	.0002266	.0003398	.051356	.0031947	.127267
%RSD	.1771612	.0410282	.1503324	11.31660	.6895663	1.630902	1.727535

#1	4.032392	28.53406	.1504850	.0031282	7.438827	.1946353	7.224204
#2	4.020396	28.54320	.1507291	.0032615	7.401148	.1935084	7.468574
#3	4.033094	28.55730	.1509377	.0026178	7.502737	.1995185	7.408054

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	14.82137	9.503210	-.359472	.0098784	2.899923	3.392428	.0346149
Stddev	.07796	.012184	.001467	.0001976	.010159	.057137	.0015082
%RSD	.5260307	.1282128	.4080905	2.000591	.3503052	1.684262	4.356975

#1	14.88592	9.491334	-.358592	.0100997	2.896258	3.458339	.0363492
#2	14.73475	9.515681	-.361166	.0098161	2.911406	3.356924	.0338845
#3	14.84344	9.502614	-.358659	.0097194	2.892106	3.362020	.0336110

Sample Name: I4231-19 Acquired: 7/19/2017 16:59:31 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v72) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MET6E1 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	1.096830	.0683330	.3138696
Stddev	.006665	.0002188	.0007022
%RSD	.6076191	.3202454	.2237314

#1	1.097430	.0685814	.3144901
#2	1.089886	.0681687	.3131073
#3	1.103175	.0682489	.3140114

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1302.081	1841.262	54810.76	7577.176	2829.355
Stddev	27.625	4.308	810.94	11.677	5.127
%RSD	2.121581	.2339875	1.479524	.1541096	.1812014

#1	1332.752	1838.777	55741.92	7563.920	2824.830
#2	1279.157	1846.237	54259.59	7581.668	2834.923
#3	1294.333	1838.773	54430.77	7585.940	2828.311

Sample Name: I4231-20 Acquired: 7/19/2017 17:03:33 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v72) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MET6E2 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0817642	-.018334	2.214723	-.025575	.0039386	75.91720	2.027897
Stddev	.0025185	.000839	.022269	.004936	.0012801	.17555	.003103
%RSD	3.080176	4.574666	1.005498	19.30050	32.50259	.2312372	.1530202

#1	.0846586	-.018288	2.200504	-.024337	.0029851	76.05640	2.030650
#2	.0800732	-.017519	2.240387	-.031012	.0053936	75.97521	2.028508
#3	.0805608	-.019194	2.203277	-.021375	.0034371	75.71999	2.024535

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0061613	.0495510	79.46417	.1472103	.0765075	.4114604	185.2245
Stddev	.0000679	.0004459	.37939	.0013769	.0005162	.0012542	.8911
%RSD	1.102702	.8997975	.4774416	.9353487	.6746677	.3048177	.4811095

#1	.0060959	.0490538	79.23168	.1483753	.0759214	.4128635	184.8107
#2	.0061565	.0499153	79.90198	.1475648	.0768943	.4110696	186.2473
#3	.0062316	.0496838	79.25885	.1456908	.0767067	.4104481	184.6154

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.549943	43.66285	.1858270	.0010289	1.634428	.1959586	4.600773
Stddev	.027556	.13660	.0026169	.0000735	.004956	.0039059	.055083
%RSD	.4965070	.3128561	1.408229	7.142139	.3032033	1.993238	1.197247

#1	5.525008	43.59868	.1839424	.0010875	1.639087	.1927640	4.600973
#2	5.579528	43.81973	.1888148	.0010526	1.629221	.1947985	4.655756
#3	5.545294	43.57015	.1847238	.0009464	1.634976	.2003131	4.545591

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	16.32655	11.86962	-.383930	.0081461	3.257378	3.837106	.0746196
Stddev	.03312	.09193	.001575	.0001499	.032645	.045481	.0006014
%RSD	.2028624	.7744761	.4102535	1.839514	1.002197	1.185302	.8059539

#1	16.36449	11.78328	-.384643	.0082447	3.222053	3.881712	.0742469
#2	16.31174	11.96626	-.385022	.0082200	3.286434	3.838808	.0753134
#3	16.30341	11.85931	-.382124	.0079737	3.263646	3.790797	.0742986

Sample Name: I4231-20 Acquired: 7/19/2017 17:03:33 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v72) Mode: CONC Corr. Factor: 1.000000
 User: JASWAL Custom ID1: MET6E2 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.9983176	.0699542	.2572815
Stddev	.0037524	.0002950	.0006088
%RSD	.3758699	.4217699	.2366264

#1	.9962635	.0696175	.2576570
#2	1.002649	.0700774	.2576083
#3	.996041	.0701676	.2565790

Int. Std.	Y_ 2243	Y_ 2243	Y_ 3600	Y_ 3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1311.029	1835.105	55521.87	7652.267	2810.916
Stddev	6.636	10.642	311.40	22.879	14.759
%RSD	.5061493	.5799379	.5608537	.2989835	.5250747

#1	1315.235	1840.688	55540.21	7654.639	2823.595
#2	1303.379	1822.833	55201.71	7628.295	2794.714
#3	1314.473	1841.794	55823.69	7673.868	2814.438

Sample Name: I4231-21 Acquired: 7/19/2017 17:07:34 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v72) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MET6E2D Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0875509	-.017312	2.169498	-.026979	.0033169	76.11409	2.013843
Stddev	.0033928	.001898	.004227	.002430	.0012184	1.31131	.035671
%RSD	3.875255	10.96443	.1948213	9.005988	36.73359	1.722821	1.771296

#1	.0876804	-.019063	2.172708	-.024198	.0024409	77.29898	2.044946
#2	.0908771	-.017578	2.171076	-.028692	.0047083	74.70521	1.974906
#3	.0840951	-.015295	2.164709	-.028048	.0028015	76.33807	2.021678

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0061207	.0498284	79.06493	.1487205	.0770008	.4132214	185.0394
Stddev	.0002042	.0002435	1.46698	.0032545	.0000541	.0087185	3.3328
%RSD	3.335792	.4886548	1.855415	2.188304	.0702132	2.109889	1.801132

#1	.0063514	.0498686	80.30742	.1462809	.0769990	.4218669	187.8621
#2	.0059632	.0495673	77.44659	.1474649	.0770558	.4044316	181.3627
#3	.0060476	.0500493	79.44078	.1524157	.0769477	.4133657	185.8934

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.544542	43.58608	.1863302	.0009856	1.574305	.1950163	4.661030
Stddev	.108795	.78375	.0006913	.0004135	.045628	.0031453	.113942
%RSD	1.962205	1.798173	.3710205	41.95162	2.898321	1.612821	2.444563

#1	5.643761	44.30013	.1856032	.0014445	1.612383	.1959366	4.570204
#2	5.428201	42.74753	.1864084	.0008702	1.586803	.1915136	4.624006
#3	5.561665	43.71058	.1869792	.0006421	1.523731	.1975988	4.788879

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	16.35342	11.89968	-.383558	.0083563	3.252803	3.832389	.0735327
Stddev	.28271	.05677	.006151	.0005772	.024277	.091823	.0016535
%RSD	1.728728	.4770776	1.603713	6.907732	.7463340	2.395962	2.248733

#1	16.59132	11.93813	-.386971	.0085063	3.263121	3.916797	.0754034
#2	16.04088	11.83447	-.376457	.0077188	3.225071	3.734616	.0722661
#3	16.42806	11.92643	-.387247	.0088436	3.270216	3.845754	.0729287

Sample Name: I4231-21 Acquired: 7/19/2017 17:07:34 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v72) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MET6E2D Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.9999413	.0697705	.2564160
Stddev	.0147061	.0007144	.0044033
%RSD	1.470696	1.023957	1.717237

#1	1.013146	.0700731	.2602266
#2	.984093	.0689546	.2515955
#3	1.002584	.0702838	.2574260

Int. Std.	Y_ 2243	Y_ 2243	Y_ 3600	Y_ 3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1286.798	1824.378	54668.79	7649.426	2800.479
Stddev	30.826	9.446	900.40	125.051	8.473
%RSD	2.395578	.5177627	1.647011	1.634774	.3025418

#1	1317.083	1813.559	55602.95	7527.978	2790.771
#2	1287.854	1830.989	54596.99	7777.793	2804.287
#3	1255.458	1828.585	53806.44	7642.508	2806.379

Sample Name: I4231-22 Acquired: 7/19/2017 17:11:36 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v72) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MET6E2S Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1540109	.1050488	1.845469	.0609217	.0693666	88.48341	5.574626
Stddev	.0012094	.0015230	.002218	.0029368	.0019780	.65726	.036775
%RSD	.7852741	1.449802	.1201964	4.820575	2.851462	.7428066	.6596768

#1	.1550266	.1035172	1.848030	.0611571	.0705569	89.10087	5.607070
#2	.1543332	.1050662	1.844226	.0578743	.0704596	87.79252	5.534679
#3	.1526730	.1065631	1.844150	.0637336	.0670834	88.55683	5.582130

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0804935	.1407237	90.31310	.5277510	.9622866	.8684567	180.3461
Stddev	.0006888	.0003496	.58777	.0069031	.0003711	.0080305	1.2136
%RSD	.8556615	.2484226	.6508148	1.308020	.0385656	.9246815	.6729042

#1	.0805667	.1405118	90.97947	.5234062	.9618587	.8751473	181.7132
#2	.0797711	.1405319	90.09144	.5241360	.9624807	.8595512	179.3961
#3	.0811427	.1411272	89.86839	.5357109	.9625204	.8706715	179.9290

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	6.217310	47.24199	1.058728	.0389620	1.634335	1.044860	5.208344
Stddev	.036294	.29018	.002323	.0003203	.075549	.009364	.072292
%RSD	.5837541	.6142364	.2193993	.8220744	4.622630	.8961716	1.388010

#1	6.258701	47.55907	1.057356	.0390787	1.586706	1.055650	5.172434
#2	6.190931	46.98966	1.057419	.0385997	1.721445	1.038856	5.291560
#3	6.202296	47.17723	1.061410	.0392076	1.594855	1.040075	5.161037

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	17.99667	11.97253	-.368409	.0065138	2.911333	4.025499	.0765732
Stddev	.15607	.08717	.003135	.0006765	.018786	.050934	.0008002
%RSD	.8672023	.7280699	.8509288	10.38506	.6452759	1.265279	1.045082

#1	18.13068	11.88358	-.369782	.0058562	2.895831	4.044856	.0765353
#2	17.82532	12.05780	-.364822	.0064777	2.932225	3.967724	.0757926
#3	18.03401	11.97622	-.370623	.0072077	2.905943	4.063916	.0773917

Sample Name: I4231-22 Acquired: 7/19/2017 17:11:36 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v72) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MET6E2S Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	1.135550	.0775103	.2700305
Stddev	.014691	.0011637	.0024329
%RSD	1.293706	1.501398	.9009764

#1	1.151744	.0784541	.2720966
#2	1.123078	.0762100	.2673490
#3	1.131828	.0778668	.2706459

Int. Std.	Y_ 2243	Y_ 2243	Y_ 3600	Y_ 3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1263.354	1782.236	53982.37	7439.703	2749.247
Stddev	9.032	4.191	196.13	65.789	5.748
%RSD	.7149032	.2351356	.3633220	.8842977	.2090615

#1	1271.893	1778.013	54164.85	7375.022	2743.695
#2	1253.899	1786.394	54007.30	7506.547	2755.172
#3	1264.269	1782.301	53774.97	7437.538	2748.874

Sample Name: I4231-20LX5 Acquired: 7/19/2017 17:15:32 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v72) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MET6E2L Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0185199	-.002739	.4469340	-.003110	-.000029	16.40718	.4363778
Stddev	.0011173	.002715	.0029999	.001056	.000539	.05476	.0009323
%RSD	6.033215	99.12544	.6712214	33.96902	1852.251	.3337840	.2136371

#1	.0175430	-.003160	.4480301	-.004220	.000076	16.35782	.4359794
#2	.0197382	.000162	.4435401	-.002993	.000449	16.46609	.4374431
#3	.0182783	-.005218	.4492317	-.002117	-.000613	16.39763	.4357109

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0014323	.0098636	17.56847	.0337169	.0146682	.0907630	42.09043
Stddev	.0000451	.0001384	.07957	.0009756	.0004814	.0003927	.05766
%RSD	3.147857	1.403368	.4529118	2.893489	3.281960	.4326458	.1370023

#1	.0013840	.0098020	17.49634	.0328972	.0146899	.0903140	42.02392
#2	.0014733	.0097667	17.65383	.0347960	.0141764	.0909329	42.12097
#3	.0014395	.0100221	17.55525	.0334574	.0151384	.0910422	42.12641

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.256653	9.570780	.0373328	.0002582	.3266792	.0442907	1.027388
Stddev	.003083	.032798	.0002584	.0001683	.0409720	.0023930	.026334
%RSD	.2453332	.3426877	.6920607	65.18244	12.54197	5.402943	2.563216

#1	1.253244	9.605402	.0374856	.0004344	.3388832	.0421511	1.001762
#2	1.259245	9.566764	.0374782	.0000990	.3601625	.0438461	1.026025
#3	1.257470	9.540176	.0370345	.0002413	.2809918	.0468748	1.054378

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	3.460131	2.457135	-.088474	.0013996	.6165264	.8760439	.0132976
Stddev	.013064	.012018	.001622	.0001204	.0102821	.0074364	.0012947
%RSD	.3775587	.4891136	1.832999	8.604989	1.667753	.8488651	9.736067

#1	3.448459	2.455709	-.086877	.0015186	.6154957	.8844055	.0121298
#2	3.474243	2.445893	-.090119	.0014024	.6067985	.8735553	.0146898
#3	3.457691	2.469802	-.088427	.0012778	.6272851	.8701709	.0130734

Sample Name: I4231-20LX5 Acquired: 7/19/2017 17:15:32 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v72) Mode: CONC Corr. Factor: 1.000000
 User: JASWAL Custom ID1: MET6E2L Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.2208989	.0135841	.0561487
Stddev	.0044535	.0003457	.0001453
%RSD	2.016079	2.544773	.2587130

#1	.2165433	.0139825	.0559881
#2	.2207090	.0133635	.0561873
#3	.2254442	.0134062	.0562708

Int. Std.	Y_ 2243	Y_ 2243	Y_ 3600	Y_ 3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1286.171	1793.208	53122.70	7121.355	3050.046
Stddev	3.426	10.878	233.57	18.739	10.752
%RSD	.2663766	.6066029	.4396732	.2631388	.3525206

#1	1289.868	1783.146	52969.35	7117.281	3038.484
#2	1283.104	1791.728	53007.24	7104.989	3059.744
#3	1285.540	1804.749	53391.51	7141.796	3051.910

Sample Name: PB100762BL Acquired: 7/19/2017 17:19:40 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v72) 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	-.004397	.0001936	-.002392	.0009305	-.000288	.0046120	-.000258
Stddev	.003550	.0022182	.001376	.0010132	.000483	.0069117	.000080
%RSD	80.73178	1145.923	57.51907	108.8898	167.5989	149.8637	31.16474

#1	-.003684	.0027532	-.001386	.0000001	-.000345	.0099641	-.000168
#2	-.001258	-.001168	-.001831	.0007814	-.000740	-.003191	-.000322
#3	-.008250	-.001004	-.003960	.0020100	.000221	.007063	-.000284

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0000270	-.000158	-.012502	-.000648	-.000090	.0014141	.0082945
Stddev	.0000838	.000109	.002120	.000265	.000069	.0003379	.0041738
%RSD	310.9347	68.75473	16.96163	40.85160	76.97688	23.89479	50.32016

#1	-.000003	-.000283	-.010739	-.000691	-.000012	.0013927	.0130428
#2	.000122	-.000105	-.014855	-.000364	-.000116	.0010874	.0066356
#3	-.000038	-.000086	-.011911	-.000888	-.000143	.0017622	.0052052

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000671	.0029810	-.000361	.0001693	-.081658	-.002021	-.003901
Stddev	.000424	.0136464	.000055	.0001322	.128005	.003032	.010357
%RSD	63.18938	457.7747	15.33605	78.08966	156.7577	150.0713	265.4647

#1	-.001133	-.008623	-.000368	.0001926	-.113069	-.004888	-.003568
#2	-.000583	.018015	-.000412	.0000270	.059129	-.002328	.006285
#3	-.000298	-.000450	-.000302	.0002883	-.191034	.001154	-.014420

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0037345	-.000942	-.004022	.0004083	-.074607	-.000933	-.001406
Stddev	.0107875	.001629	.000638	.0001531	.001989	.000771	.000969
%RSD	288.8608	172.8058	15.86646	37.50582	2.666377	82.69253	68.96543

#1	-.003851	-.002715	-.003492	.0003200	-.074872	-.000044	-.000472
#2	.016084	.000487	-.004731	.0005851	-.076450	-.001430	-.002407
#3	-.001029	-.000600	-.003843	.0003197	-.072498	-.001325	-.001339

Sample Name: PB100762BL Acquired: 7/19/2017 17:19:40 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v72) 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	-.000721	-.001360	-.000014
Stddev	.000577	.000170	.000020
%RSD	79.96968	12.51428	149.4712

#1	-.000178	-.001267	-.000012
#2	-.001326	-.001257	-.000035
#3	-.000660	-.001557	.000006

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1286.073	1782.176	52827.23	6908.266	3071.759
Stddev	11.467	6.897	63.88	8.520	7.114
%RSD	.8916188	.3870231	.1209134	.1233311	.2315997

#1	1279.801	1776.636	52800.56	6901.526	3075.599
#2	1299.307	1789.901	52900.12	6905.430	3076.129
#3	1279.109	1779.989	52781.01	6917.842	3063.550

Sample Name: PB100764BL Acquired: 7/19/2017 17:27:59 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v72) 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	-.001580	.0017471	-.000351	.0033242	.0007430	.0001501	-.000210
Stddev	.001407	.0009554	.000710	.0009691	.0004113	.0045069	.000162
%RSD	89.03504	54.68557	202.0437	29.15212	55.36387	3002.183	76.76365

#1	-.000089	.0010304	-.000141	.0037409	.0011659	.0012096	-.000390
#2	-.001768	.0028318	-.001143	.0040151	.0007188	-.004792	-.000164
#3	-.002883	.0013792	.000230	.0022164	.0003443	.004033	-.000077

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0000226	-.000056	-.004499	-.001310	-.000156	.0009380	-.000238
Stddev	.0000203	.000094	.005547	.000192	.000228	.0006909	.014040
%RSD	89.94362	168.7016	123.3120	14.62290	145.6968	73.65518	5900.251

#1	.0000187	-.000122	-.007984	-.001516	-.000376	.0011643	-.007214
#2	.0000445	-.000097	.001898	-.001137	-.000172	.0001623	-.009424
#3	.0000045	.000052	-.007410	-.001276	.000079	.0014873	.015924

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000481	-.001973	-.000051	.0004339	-.104267	-.000558	.0065601
Stddev	.000731	.021385	.000289	.0002096	.051811	.000225	.0107350
%RSD	151.9036	1083.960	570.8442	48.30265	49.69055	40.37294	163.6430

#1	.000347	-.012182	.000065	.0003711	-.060075	-.000304	.0027524
#2	-.000755	-.016340	-.000379	.0002629	-.091440	-.000734	-.001752
#3	-.001035	.022603	.000162	.0006677	-.161287	-.000636	.018680

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0017903	-.001582	-.004952	-.000116	-.076702	-.001279	-.001184
Stddev	.0116837	.004039	.000858	.000649	.006155	.000090	.000755
%RSD	652.6262	255.2707	17.32276	558.9802	8.024329	7.057832	63.74024

#1	.0027802	-.003984	-.005717	.000571	-.080717	-.001191	-.001133
#2	.0129475	.003081	-.005115	-.000719	-.069616	-.001371	-.001963
#3	-.010357	-.003843	-.004025	-.000200	-.079773	-.001275	-.000456

Sample Name: PB100764BL Acquired: 7/19/2017 17:27:59 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v72) 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	-.001146	-.001764	.0000026
Stddev	.000738	.000352	.0000257
%RSD	64.40339	19.97991	1002.386

#1	-.001994	-.001873	.0000017
#2	-.000795	-.001370	-.000023
#3	-.000649	-.002048	.000029

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1303.577	1817.431	53422.00	6978.957	3125.520
Stddev	5.859	21.287	93.48	40.885	23.592
%RSD	.4494360	1.171294	.1749755	.5858362	.7548299

#1	1300.085	1797.547	53315.22	6931.751	3103.566
#2	1300.305	1814.858	53461.73	7002.039	3122.527
#3	1310.341	1839.888	53489.04	7003.082	3150.465

Sample Name: I4230-12 Acquired: 7/19/2017 17:52:39 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v72) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MET6B4 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0690532	-.015115	2.280379	-.021310	.0044441	92.58088	1.629173
Stddev	.0018779	.001083	.005985	.006040	.0023806	.30700	.009461
%RSD	2.719445	7.165078	.2624399	28.34488	53.56807	.3316020	.5807401

#1	.0709631	-.014984	2.287211	-.016273	.0046001	92.79917	1.638095
#2	.0672091	-.014104	2.277866	-.028006	.0019893	92.22984	1.619252
#3	.0689875	-.016258	2.276061	-.019650	.0067429	92.71362	1.630173

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0061379	.0311293	39.43124	.4212985	.0717687	.2605086	168.6795
Stddev	.0001528	.0002066	.18873	.0010012	.0004310	.0033304	.6621
%RSD	2.488957	.6636078	.4786340	.2376522	.6005910	1.278402	.3925383

#1	.0063020	.0313542	39.53274	.4222729	.0722513	.2614050	168.7616
#2	.0061116	.0310857	39.21348	.4213502	.0716328	.2568218	167.9801
#3	.0059999	.0309480	39.54751	.4202725	.0714220	.2632990	169.2967

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.114292	28.24038	.1707662	-.000136	1.611577	.2267425	2.041489
Stddev	.017389	.16832	.0016843	.000132	.057941	.0035779	.017567
%RSD	.4226499	.5960148	.9863057	97.14031	3.595271	1.577934	.8604882

#1	4.125955	28.35800	.1721314	.000013	1.646195	.2273546	2.053722
#2	4.094305	28.04757	.1688840	-.000239	1.643850	.2228981	2.049386
#3	4.122615	28.31556	.1712830	-.000183	1.544687	.2299749	2.021360

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	18.07370	9.113872	-.356263	.0046292	1.267223	3.637163	.0385978
Stddev	.10881	.079623	.000759	.0004678	.005811	.046767	.0014980
%RSD	.6020336	.8736455	.2131383	10.10554	.4585654	1.285799	3.880974

#1	18.12402	9.148735	-.357013	.0051518	1.262020	3.588807	.0400246
#2	17.94884	9.022764	-.356279	.0042495	1.266155	3.640522	.0387311
#3	18.14824	9.170117	-.355495	.0044863	1.273494	3.682159	.0370376

Sample Name: I4230-12 Acquired: 7/19/2017 17:52:39 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v72) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MET6B4 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.9525290	.0802990	.2515213
Stddev	.0021311	.0010664	.0011294
%RSD	.2237340	1.328063	.4490262

#1	.9539494	.0810173	.2527254
#2	.9500785	.0790736	.2504855
#3	.9535591	.0808060	.2513530

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1334.876	1868.630	55730.33	7640.173	2855.659
Stddev	6.535	11.107	164.00	44.682	11.931
%RSD	.4895638	.5944133	.2942734	.5848358	.4177995

#1	1327.435	1866.265	55577.03	7594.829	2848.945
#2	1337.512	1880.729	55903.26	7684.163	2869.434
#3	1339.681	1858.895	55710.69	7641.529	2848.598

Sample Name: I4230-13 Acquired: 7/19/2017 17:59:08 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v72) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MET6B4D Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0684981	-.011915	2.160061	-.025099	.0006280	90.75253	1.623408
Stddev	.0023461	.002239	.009081	.007108	.0006709	.19596	.004651
%RSD	3.425010	18.79030	.4204078	28.31841	106.8447	.2159273	.2864800

#1	.0686539	-.009830	2.170110	-.031575	.0008266	90.85746	1.627376
#2	.0707623	-.011634	2.152441	-.017495	-.000120	90.52645	1.618291
#3	.0660779	-.014281	2.157633	-.026228	.001177	90.87370	1.624558

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0059565	.0306366	38.56451	.3899330	.0711293	.2585616	166.1743
Stddev	.0001072	.0002830	.09072	.0022600	.0003035	.0019098	.3712
%RSD	1.798813	.9238403	.2352507	.5795731	.4267365	.7386313	.2233733

#1	.0060795	.0306188	38.52571	.3915063	.0714584	.2577346	166.2282
#2	.0058836	.0303629	38.66818	.3873433	.0708604	.2572047	166.5157
#3	.0059064	.0309282	38.49963	.3909494	.0710692	.2607455	165.7792

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.068635	27.78399	.1684312	.0000712	1.562315	.2183521	2.007058
Stddev	.006919	.03457	.0001846	.0000895	.032902	.0002040	.003174
%RSD	.1700611	.1244404	.1096006	125.7752	2.105991	.0934323	.1581372

#1	4.076072	27.81962	.1682633	.0001655	1.589383	.2181174	2.003794
#2	4.062388	27.75057	.1684015	.0000606	1.525693	.2184515	2.007246
#3	4.067444	27.78178	.1686289	-.000013	1.571870	.2184872	2.010134

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	17.87938	8.925790	-.349794	.0043124	1.246235	3.418652	.0367996
Stddev	.02665	.030896	.001284	.0000409	.003169	.020286	.0027149
%RSD	.1490491	.3461392	.3672113	.9496792	.2542903	.5933852	7.377426

#1	17.88652	8.946353	-.350974	.0043554	1.245264	3.396366	.0399204
#2	17.84989	8.890262	-.349981	.0043082	1.243665	3.436041	.0349832
#3	17.90174	8.940756	-.348426	.0042738	1.249776	3.423548	.0354950

Sample Name: I4230-13 Acquired: 7/19/2017 17:59:08 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v72) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MET6B4D Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.9381263	.0793966	.2473951
Stddev	.0018755	.0005746	.0005665
%RSD	.1999251	.7236608	.2289973

#1	.9365272	.0796016	.2477981
#2	.9376609	.0787476	.2467473
#3	.9401907	.0798405	.2476398

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1335.991	1877.671	56075.11	7674.570	2879.435
Stddev	7.644	8.530	65.40	26.152	10.736
%RSD	.5721828	.4542615	.1166321	.3407610	.3728442

#1	1344.281	1881.476	56101.58	7648.794	2879.726
#2	1329.221	1883.635	56000.62	7701.082	2890.023
#3	1334.472	1867.901	56123.13	7673.834	2868.557

Sample Name: I4230-14 Acquired: 7/19/2017 18:03:07 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v72) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MET6B4S Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1378914	.1060278	1.146061	.0619532	.0829575	95.28272	5.293228
Stddev	.0035978	.0026524	.010023	.0012182	.0006117	.12766	.007984
%RSD	2.609131	2.501609	.8745970	1.966332	.7373882	.1339790	.1508400

#1	.1406579	.1086963	1.145282	.0629182	.0832760	95.13725	5.284065
#2	.1391921	.1059952	1.136450	.0623571	.0833443	95.37610	5.296930
#3	.1338242	.1033918	1.156452	.0605844	.0822523	95.33481	5.298690

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0803949	.1257554	40.46563	.5285419	.9568224	.7227267	168.4379
Stddev	.0003986	.0007333	.31209	.0022236	.0052864	.0044984	.4482
%RSD	.4957359	.5831116	.7712487	.4207053	.5524937	.6224262	.2660757

#1	.0799365	.1254106	40.10625	.5275715	.9565540	.7269197	167.9396
#2	.0805884	.1252581	40.66851	.5269685	.9516753	.7232854	168.5661
#3	.0806597	.1265975	40.62212	.5310858	.9622378	.7179750	168.8080

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.917798	28.85335	1.045811	.0379567	1.564384	1.052064	2.963106
Stddev	.034771	.08617	.008530	.0001203	.017859	.006102	.039705
%RSD	.7070348	.2986460	.8156318	.3168445	1.141578	.5800452	1.339983

#1	4.877924	28.84878	1.043319	.0380714	1.584880	1.047081	2.927770
#2	4.933668	28.76955	1.038806	.0378316	1.552169	1.058870	3.006073
#3	4.941801	28.94171	1.055310	.0379670	1.556104	1.050241	2.955476

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	18.03557	8.798730	-.351922	.0045253	1.222687	3.564452	.0526725
Stddev	.05012	.039118	.000303	.0004697	.004328	.032545	.0015371
%RSD	.2779120	.4445923	.0861410	10.37955	.3539967	.9130445	2.918258

#1	18.01813	8.771890	-.351573	.0042876	1.223291	3.575703	.0508999
#2	18.09209	8.780685	-.352116	.0042220	1.218088	3.527775	.0536382
#3	17.99650	8.843613	-.352078	.0050663	1.226681	3.589879	.0534793

Sample Name: I4230-14 Acquired: 7/19/2017 18:03:07 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v72) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MET6B4S Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.9758502	.0799358	.2489516
Stddev	.0017346	.0003465	.0001988
%RSD	.1777568	.4334629	.0798419

#1	.9766601	.0796573	.2488572
#2	.9770317	.0798262	.2488176
#3	.9738587	.0803238	.2491800

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1317.174	1847.605	55351.68	7586.905	2839.814
Stddev	1.457	14.900	95.48	3.429	17.680
%RSD	.1106169	.8064758	.1725019	.0451958	.6225659

#1	1315.536	1848.680	55263.34	7585.943	2836.914
#2	1317.661	1861.938	55452.98	7590.712	2858.765
#3	1318.325	1832.196	55338.73	7584.060	2823.764

Sample Name: I4230-12LX5 Acquired: 7/19/2017 18:07:15 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v72) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MET6B4L Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0145594	-.003343	.4475195	-.003130	.0004996	19.91782	.3561559
Stddev	.0013934	.000811	.0022011	.004090	.0022452	.03711	.0018172
%RSD	9.570204	24.24294	.4918400	130.6981	449.3948	.1863038	.5102201

#1	.0145403	-.002514	.4493042	.001068	.0028193	19.95510	.3580033
#2	.0159623	-.003382	.4450600	-.003354	-.001663	19.91748	.3543706
#3	.0131757	-.004134	.4481943	-.007103	.000343	19.88088	.3560939

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0014091	.0061338	8.634980	.0882888	.0141784	.0586550	37.97269
Stddev	.0000748	.0000832	.015345	.0013352	.0002939	.0011783	.08287
%RSD	5.310501	1.356373	.1777074	1.512314	2.072640	2.008790	.2182356

#1	.0014757	.0060401	8.652539	.0869069	.0144280	.0573134	38.06786
#2	.0013281	.0061623	8.628258	.0895719	.0142526	.0595217	37.91643
#3	.0014233	.0061990	8.624142	.0883876	.0138545	.0591298	37.93379

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.9279984	6.212710	.0347263	.0000129	.2962872	.0488432	.4626570
Stddev	.0048370	.046234	.0003394	.0000611	.0275098	.0022853	.0236034
%RSD	.5212261	.7441786	.9773861	473.3510	9.284853	4.678856	5.101700

#1	.9313333	6.265437	.0343372	.0000227	.3069418	.0514806	.4893484
#2	.9224508	6.179106	.0349616	.0000685	.2650437	.0475991	.4445368
#3	.9302110	6.193586	.0348802	-.000052	.3168761	.0474498	.4540858

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	3.884498	1.881570	-.083459	.0009418	.2031299	.8218861	.0066293
Stddev	.011679	.009650	.000475	.0003669	.0026416	.0072872	.0012178
%RSD	.3006468	.5128840	.5689787	38.95543	1.300447	.8866485	18.36918

#1	3.877381	1.874608	-.083447	.0007449	.2056483	.8230794	.0079206
#2	3.897976	1.877517	-.082990	.0013651	.2003803	.8140758	.0055017
#3	3.878137	1.892586	-.083939	.0007154	.2033611	.8285030	.0064657

Sample Name: I4230-12LX5 Acquired: 7/19/2017 18:07:15 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v72) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MET6B4L Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.2120521	.0158545	.0550893
Stddev	.0011493	.0001423	.0000412
%RSD	.5419720	.8977752	.0747544

#1	.2124724	.0158579	.0551368
#2	.2107519	.0157104	.0550658
#3	.2129321	.0159951	.0550652

Int. Std.	Y_ 2243	Y_ 2243	Y_ 3600	Y_ 3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1298.088	1809.104	53368.66	7102.809	3065.239
Stddev	4.006	3.203	94.50	35.534	4.957
%RSD	.3086387	.1770763	.1770621	.5002771	.1617117

#1	1293.678	1808.092	53306.54	7068.011	3062.722
#2	1299.083	1812.692	53322.03	7139.035	3070.949
#3	1301.503	1806.529	53477.41	7101.382	3062.046

Sample Name: PB100762BS Acquired: 7/19/2017 18:11:23 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v72) 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	.0177267	.0624436	.0219696	.0867450	.1388219	.4280040
Stddev	.0033283	.0014073	.0025755	.0023064	.0007410	.0088976
%RSD	18.77553	2.253778	11.72307	2.658874	.5337954	2.078869

#1	.0214905	.0617656	.0226423	.0881535	.1389073	.4206432
#2	.0165178	.0615035	.0191244	.0840832	.1395165	.4378918
#3	.0151718	.0640615	.0241419	.0879982	.1380419	.4254769

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.4064445	.0098451	.0113811	10.49370	.0236078	.0933674
Stddev	.0017055	.0001195	.0000593	.00966	.0009412	.0000764
%RSD	.4196089	1.213783	.5210371	.0920982	3.986688	.0818493

#1	.4067101	.0097476	.0113708	10.49415	.0233398	.0932837
#2	.4080016	.0098093	.0114449	10.50313	.0228297	.0933850
#3	.4046218	.0099784	.0113276	10.48382	.0246539	.0934334

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0570881	.2498619	.0342568	10.75699	.0766957	.0192831
Stddev	.0012424	.0099873	.0003926	.06787	.0004568	.0000540
%RSD	2.176274	3.997113	1.146000	.6309067	.5955930	.2802715

#1	.0556544	.2385599	.0342399	10.77399	.0772033	.0192236
#2	.0577597	.2535269	.0346576	10.68224	.0763176	.0192964
#3	.0578501	.2574989	.0338730	10.81474	.0765662	.0193292

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	11.05152	.1016861	.1307988	10.42674	F .0316575	F .0198434
Stddev	.04574	.0003611	.0109100	.04053	.0012092	.0004737
%RSD	.4139081	.3550836	8.341029	.3887217	3.819520	2.387013

#1	10.99946	.1015497	.1429762	10.40753	.0330358	.0193321
#2	11.06982	.1014132	.1275048	10.47330	.0311610	.0202673
#3	11.08528	.1020956	.1219154	10.39939	.0307756	.0199307

Sample Name: PB100762BS Acquired: 7/19/2017 18:11:23 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v72) 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	.0240126	.1148863	.2042393	F .0149621	.2190960	.1090505
Stddev	.0004107	.0057431	.0013939	.0010488	.0013641	.0005014
%RSD	1.710379	4.998949	.6824588	7.009801	.6225875	.4598027

#1	.0236588	.1129551	.2058379	.0140556	.2199562	.1094643
#2	.0239160	.1103578	.2036017	.0161108	.2198085	.1091943
#3	.0244630	.1213461	.2032784	.0147199	.2175232	.1084929

Elem	Sr4077
Units	ppm
Avg	.2259001
Stddev	.0006784
%RSD	.3003089

#1	.2256656
#2	.2266647
#3	.2253701

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1272.539	1764.864	51800.36	6891.994	3090.537
Stddev	6.274	9.823	171.47	22.202	6.803
%RSD	.4930155	.5566025	.3310239	.3221444	.2201192

#1	1265.457	1764.211	51672.57	6874.671	3090.136
#2	1277.400	1774.997	51733.28	6884.288	3097.531
#3	1274.760	1755.383	51995.23	6917.022	3083.943

Sample Name: PB100764BS Acquired: 7/19/2017 18:15:29 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v72) 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	.0232240	.0610687	.0216207	.0890948	.1387568	.4312395
Stddev	.0006577	.0019769	.0014683	.0028305	.0002771	.0054108
%RSD	2.831811	3.237166	6.791233	3.176995	.1997229	1.254718

#1	.0234865	.0624938	.0213685	.0913547	.1385045	.4252753
#2	.0224756	.0588118	.0202949	.0900098	.1390534	.4358336
#3	.0237097	.0619006	.0231988	.0859200	.1387126	.4326097

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.4085091	.0098209	.0114007	10.50696	.0234780	.0935174
Stddev	.0022554	.0000579	.0000711	.01131	.0002783	.0003999
%RSD	.5521039	.5894579	.6235229	.1076537	1.185186	.4275784

#1	.4089468	.0097617	.0113978	10.49646	.0236499	.0935768
#2	.4105136	.0098773	.0113310	10.50547	.0231569	.0930912
#3	.4060669	.0098238	.0114731	10.51894	.0236270	.0938843

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0572641	.2438612	.0340864	10.82826	.0767874	.0189917
Stddev	.0003661	.0117306	.0008108	.02857	.0002684	.0000352
%RSD	.6393284	4.810349	2.378602	.2638265	.3494922	.1853185

#1	.0573028	.2316968	.0344083	10.79861	.0770878	.0189511
#2	.0576093	.2447833	.0331641	10.83056	.0765711	.0190121
#3	.0568801	.2551036	.0346868	10.85561	.0767035	.0190119

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	11.05567	.1015398	.1352569	10.43294	F .0303183	F .0192384
Stddev	.07467	.0004280	.0033271	.01181	.0009726	.0002420
%RSD	.6753668	.4214924	2.459842	.1132167	3.207847	1.257945

#1	11.09052	.1012264	.1317758	10.43031	.0312713	.0190808
#2	11.10654	.1020274	.1355899	10.44585	.0303562	.0195171
#3	10.96995	.1013657	.1384049	10.42267	.0293273	.0191174

Sample Name: PB100764BS Acquired: 7/19/2017 18:15:29 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v72) 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	.0240130	.1184300	.2040640	F .0137280	.2202949	.1093199
Stddev	.0004221	.0031827	.0007976	.0004149	.0027565	.0018002
%RSD	1.757641	2.687455	.3908478	3.022543	1.251269	1.646735

#1	.0237868	.1182605	.2048946	.0132882	.2180076	.1089379
#2	.0237522	.1153354	.2039934	.0141126	.2233554	.1112804
#3	.0244999	.1216941	.2033041	.0137831	.2195216	.1077413

Elem	Sr4077
Units	ppm
Avg	.2268156
Stddev	.0004099
%RSD	.1807079

#1	.2269368
#2	.2271513
#3	.2263588

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1261.915	1762.899	51673.00	6880.436	3081.943
Stddev	7.831	5.146	52.51	27.981	7.335
%RSD	.6205497	.2918821	.1016102	.4066803	.2379914

#1	1254.438	1757.689	51688.72	6857.748	3080.622
#2	1270.057	1767.978	51715.84	6871.858	3089.848
#3	1261.250	1763.032	51614.42	6911.703	3075.358

Sample Name: I4230-01 Acquired: 7/19/2017 18:19:36 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v72) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MET6A2 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0858822	-.013357	3.140779	-.022359	.0043282	73.56205	2.687759
Stddev	.0057542	.000991	.004525	.002759	.0018121	.52679	.015875
%RSD	6.700061	7.422701	.1440745	12.34083	41.86835	.7161180	.5906251

#1	.0924062	-.014057	3.136019	-.022561	.0048030	73.56424	2.686674
#2	.0837109	-.012223	3.145024	-.025012	.0058556	73.03416	2.672455
#3	.0815297	-.013791	3.141295	-.019504	.0023259	74.08773	2.704149

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0059453	.0558706	91.12783	.1380248	.0690048	.5145325	162.9388
Stddev	.0000873	.0004415	1.07638	.0006335	.0003809	.0045895	1.8429
%RSD	1.469240	.7902770	1.181175	.4589557	.5519460	.8919814	1.131032

#1	.0058455	.0555565	91.31330	.1373424	.0685657	.5129843	163.2267
#2	.0059821	.0556799	89.97077	.1381379	.0692451	.5109174	160.9689
#3	.0060082	.0563755	92.09943	.1385941	.0692037	.5196960	164.6207

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.511994	37.00433	.1648444	.0023651	1.858363	.1911830	6.352708
Stddev	.045985	.40125	.0004381	.0002011	.079633	.0021409	.044331
%RSD	1.019164	1.084342	.2657891	8.500828	4.285117	1.119836	.6978210

#1	4.523446	37.08437	.1653500	.0024725	1.945672	.1893086	6.384626
#2	4.461365	36.56908	.1646075	.0021331	1.839692	.1907243	6.302092
#3	4.551169	37.35952	.1645757	.0024896	1.789723	.1935161	6.371407

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	17.41936	10.46226	-.317680	.0072560	3.526756	4.820897	.0673646
Stddev	.05433	.00818	.001968	.0003052	.006191	.034007	.0008031
%RSD	.3118928	.0781632	.6195778	4.205864	.1755480	.7054133	1.192207

#1	17.38096	10.45297	-.319892	.0069136	3.521801	4.859940	.0678488
#2	17.39560	10.46839	-.317029	.0073551	3.533696	4.797739	.0678074
#3	17.48152	10.46541	-.316120	.0074993	3.524771	4.805013	.0664375

Sample Name: I4230-01 Acquired: 7/19/2017 18:19:36 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v72) Mode: CONC Corr. Factor: 1.000000
 User: JASWAL Custom ID1: MET6A2 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	1.186960	.0709929	.3461450
Stddev	.014013	.0001780	.0025245
%RSD	1.180572	.2507196	.7293068

#1	1.186741	.0708213	.3465151
#2	1.173058	.0711766	.3434559
#3	1.201081	.0709809	.3484639

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1280.191	1802.836	54326.47	7479.127	2814.736
Stddev	1.235	1.392	107.30	62.030	1.843
%RSD	.0964595	.0772275	.1975183	.8293778	.0654608

#1	1280.869	1802.240	54449.10	7455.141	2816.765
#2	1278.766	1804.428	54249.80	7549.568	2814.276
#3	1280.938	1801.842	54280.51	7432.671	2813.166

Sample Name: I4230-02 Acquired: 7/19/2017 18:23:37 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v72) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MET6A3 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0846897	-.018580	2.841681	-.028375	.0029580	74.85737	2.323902
Stddev	.0015380	.003411	.008009	.003106	.0006132	.04910	.002138
%RSD	1.815986	18.35664	.2818423	10.94769	20.72939	.0655880	.0920074

#1	.0837286	-.020777	2.835498	-.030003	.0027842	74.80178	2.322331
#2	.0864636	-.020313	2.850728	-.030328	.0036393	74.87555	2.323038
#3	.0838771	-.014651	2.838816	-.024793	.0024505	74.89479	2.326337

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0062043	.0472535	73.08699	.1461354	.0706832	.4399929	182.0229
Stddev	.0001428	.0000394	.43048	.0004942	.0001887	.0009302	.9845
%RSD	2.300973	.0832892	.5889907	.3381759	.2669327	.2114198	.5408830

#1	.0060523	.0472210	72.62816	.1459605	.0707263	.4389237	180.9210
#2	.0062250	.0472423	73.48197	.1457525	.0708465	.4406169	182.8162
#3	.0063356	.0472973	73.15085	.1466933	.0704767	.4404380	182.3313

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.260878	30.51827	.1754827	.0019966	1.695025	.1843229	6.210978
Stddev	.022466	.08548	.0009550	.0001777	.094825	.0006399	.055392
%RSD	.5272546	.2800902	.5442149	8.900700	5.594295	.3471564	.8918462

#1	4.235012	30.43392	.1745052	.0021687	1.792515	.1850529	6.230005
#2	4.272103	30.51606	.1764134	.0018138	1.603112	.1840568	6.254350
#3	4.275519	30.60483	.1755294	.0020072	1.689448	.1838590	6.148580

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	16.09124	9.444551	-.371631	.0066735	2.507444	3.949184	.2651338
Stddev	.03111	.035329	.001840	.0002616	.011144	.044745	.0004360
%RSD	.1933283	.3740670	.4950632	3.920790	.4444414	1.133020	.1644578

#1	16.12709	9.453250	-.370027	.0065864	2.508202	3.897556	.2650623
#2	16.07139	9.405685	-.371228	.0064665	2.495940	3.976740	.2647379
#3	16.07524	9.474718	-.373639	.0069676	2.518190	3.973257	.2656011

Sample Name: I4230-02 Acquired: 7/19/2017 18:23:37 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v72) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MET6A3 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	1.056456	.0732972	.3104785
Stddev	.007852	.0004971	.0003293
%RSD	.7432508	.6782334	.1060666

#1	1.060658	.0737059	.3102830
#2	1.061313	.0727438	.3102938
#3	1.047397	.0734418	.3108587

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1298.492	1830.103	55084.79	7547.355	2840.611
Stddev	15.897	3.654	134.51	13.597	4.418
%RSD	1.224293	.1996868	.2441830	.1801497	.1555344

#1	1285.290	1829.791	54944.53	7562.868	2842.485
#2	1294.047	1833.903	55097.13	7537.504	2843.783
#3	1316.138	1826.614	55212.69	7541.693	2835.564

Sample Name: I4230-03 Acquired: 7/19/2017 18:27:40 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v72) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MET6A4 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0703578	-.014042	2.477543	-.020411	.0047567	66.52518	1.995185
Stddev	.0059063	.001903	.165712	.001689	.0015294	.14071	.003961
%RSD	8.394680	13.54966	6.688568	8.277282	32.15375	.2115197	.1985437

#1	.0652261	-.013195	2.409939	-.020694	.0062559	66.63636	1.998495
#2	.0690334	-.012709	2.356320	-.018598	.0031987	66.57222	1.996265
#3	.0768139	-.016220	2.666370	-.021941	.0048153	66.36698	1.990796

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0053102	.0318537	34.57379	.1092565	.0724384	.2937928	142.3368
Stddev	.0000856	.0024368	.12176	.0032037	.0051865	.0008416	.6132
%RSD	1.612311	7.649923	.3521808	2.932257	7.159849	.2864584	.4307860

#1	.0052553	.0308886	34.71111	.1055638	.0709994	.2937416	143.0140
#2	.0054088	.0300473	34.47899	.1109108	.0681234	.2929779	141.8192
#3	.0052664	.0346252	34.53127	.1112948	.0781924	.2946588	142.1772

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.699221	23.35682	.1334433	.0011144	1.544470	.1651774	2.574665
Stddev	.018069	.07923	.0093273	.0004339	.029306	.0010395	.062097
%RSD	.3845074	.3392308	6.989724	38.93614	1.897498	.6292960	2.411830

#1	4.719949	23.44768	.1299339	.0015929	1.563119	.1661031	2.503045
#2	4.686792	23.32069	.1263798	.0010037	1.510691	.1653762	2.607488
#3	4.690923	23.30209	.1440163	.0007466	1.559599	.1640529	2.613462

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	15.39610	10.55928	-.293312	.0077214	1.987191	6.952949	.0542665
Stddev	.03874	.64268	.001332	.0007107	.127897	.051690	.0025104
%RSD	.2516006	6.086371	.4542060	9.204624	6.436045	.7434241	4.626094

#1	15.42541	10.33202	-.292238	.0070875	1.941381	6.965668	.0534928
#2	15.41072	10.06111	-.292895	.0075869	1.888509	6.896087	.0522339
#3	15.35218	11.28471	-.294803	.0084897	2.131684	6.997093	.0570726

Sample Name: I4230-03 Acquired: 7/19/2017 18:27:40 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v72) Mode: CONC Corr. Factor: 1.000000
 User: JASWAL Custom ID1: MET6A4 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.9843382	.0570836	.1934162
Stddev	.0029765	.0002402	.0006191
%RSD	.3023823	.4208486	.3200652

#1	.9809029	.0573610	.1941209
#2	.9861483	.0569472	.1931672
#3	.9859634	.0569426	.1929604

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1326.917	1810.901	55759.91	7602.018	2843.903
Stddev	24.549	83.678	921.94	37.194	161.830
%RSD	1.850095	4.620803	1.653416	.4892609	5.690417

#1	1354.241	1843.881	56807.94	7559.647	2903.365
#2	1306.721	1873.064	55074.01	7629.278	2967.591
#3	1319.788	1715.758	55397.79	7617.130	2660.754

Sample Name: I4230-04 Acquired: 7/19/2017 18:31:43 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v72) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MET6A5 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0562781	-.015007	12.80623	-.025016	.0432324	74.58878	2.045154
Stddev	.0035535	.001228	.02175	.003240	.0009076	.10646	.001082
%RSD	6.314218	8.186049	.1698504	12.95357	2.099241	.1427342	.0528854

#1	.0603588	-.016076	12.80878	-.026651	.0426728	74.68778	2.044002
#2	.0546096	-.013665	12.78331	-.021283	.0427448	74.60241	2.045314
#3	.0538659	-.015280	12.82659	-.027112	.0442795	74.47616	2.046147

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0057566	.0441070	33.31813	.1312277	.0731169	.2819021	159.7920
Stddev	.0001031	.0002153	.06267	.0011819	.0005935	.0006924	.4290
%RSD	1.791090	.4880793	.1881002	.9006228	.8116808	.2456197	.2684517

#1	.0058318	.0441146	33.33342	.1313916	.0727690	.2814221	160.0254
#2	.0056391	.0438880	33.37174	.1323190	.0727795	.2826959	160.0537
#3	.0057989	.0443184	33.24923	.1299724	.0738021	.2815885	159.2970

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.655976	25.55578	.1761024	.0010860	1.370025	.1688866	3.442827
Stddev	.017371	.12735	.0010416	.0001024	.036267	.0020255	.039214
%RSD	.3071218	.4983165	.5914667	9.429006	2.647213	1.199312	1.138995

#1	5.674275	25.66021	.1765783	.0009869	1.335322	.1698337	3.450055
#2	5.653941	25.59322	.1749079	.0010797	1.367075	.1702650	3.477923
#3	5.639713	25.41391	.1768210	.0011914	1.407677	.1665610	3.400502

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	15.21218	8.679492	-.340294	.0038004	1.420137	4.088171	.3351311
Stddev	.05291	.050558	.000929	.0006820	.006557	.019014	.0008630
%RSD	.3477827	.5825030	.2730437	17.94674	.4616843	.4651095	.2575016

#1	15.23894	8.711416	-.339813	.0030450	1.418928	4.090170	.3354096
#2	15.15124	8.621201	-.341365	.0039851	1.414269	4.106106	.3341633
#3	15.24636	8.705860	-.339704	.0043710	1.427214	4.068235	.3358205

Sample Name: I4230-04 Acquired: 7/19/2017 18:31:43 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v72) Mode: CONC Corr. Factor: 1.000000
 User: JASWAL Custom ID1: MET6A5 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.8478932	.0677447	.2226030
Stddev	.0031290	.0002155	.0007203
%RSD	.3690310	.3180286	.3235645

#1	.8497969	.0676361	.2233567
#2	.8442819	.0676053	.2219216
#3	.8496007	.0679929	.2225307

Int. Std.	Y_ 2243	Y_ 2243	Y_ 3600	Y_ 3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1338.416	1857.717	55807.61	7598.839	2900.330
Stddev	14.027	.967	445.58	22.994	3.946
%RSD	1.048022	.0520322	.7984174	.3026017	.1360419

#1	1327.073	1857.295	55556.89	7575.391	2896.100
#2	1334.074	1857.033	55543.87	7599.775	2903.912
#3	1354.100	1858.823	56322.06	7621.351	2900.977

Sample Name: CCV001 Acquired: 7/19/2017 18:35:45 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v72) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: CCV001 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.268003	4.979475	25.11062	5.171101	5.236560	402.5061
Stddev	.011372	.009130	.02118	.014486	.017018	.4715
%RSD	.2158781	.1833597	.0843421	.2801344	.3249858	.1171464

#1	5.258801	4.978669	25.08939	5.155615	5.229950	402.2830
#2	5.264490	4.970774	25.13174	5.173371	5.223838	402.1875
#3	5.280717	4.988982	25.11072	5.184319	5.255891	403.0478

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	10.34860	.4860626	2.486705	391.8391	15.03600	2.568600
Stddev	.05724	.0011789	.007243	1.0187	.01444	.002755
%RSD	.5531000	.2425354	.2912679	.2599735	.0960265	.1072486

#1	10.32110	.4849227	2.478384	390.8443	15.02715	2.565502
#2	10.41440	.4872769	2.491589	392.8801	15.02820	2.570772
#3	10.31030	.4859882	2.490143	391.7928	15.05267	2.569527

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	15.67437	390.0778	14.48030	398.1110	2.529571	1.321519
Stddev	.05508	.3754	.01499	.4647	.004173	.004741
%RSD	.3514251	.0962432	.1034938	.1167191	.1649830	.3587399

#1	15.66144	390.0856	14.46329	397.7556	2.524840	1.320506
#2	15.62690	390.4492	14.49156	397.9404	2.532732	1.326684
#3	15.73477	389.6985	14.48606	398.6368	2.531140	1.317366

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	403.3338	2.468002	15.56205	157.1891	F 5.548857	F 4.218072
Stddev	.7599	.009950	.04850	.3549	.011837	.006485
%RSD	.1884074	.4031637	.3116409	.2258081	.2133314	.1537530

#1	402.6497	2.458708	15.56137	157.2379	5.541136	4.213222
#2	403.2000	2.478499	15.51390	156.8123	5.542949	4.225439
#3	404.1517	2.466799	15.61089	157.5172	5.562485	4.215555

Sample Name: CCV001 Acquired: 7/19/2017 18:35:45 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v72) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: CCV001 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.136566	5.367621	4.839377	5.020303	5.016603	5.275543
Stddev	.018976	.026439	.021886	.002243	.007404	.019736
%RSD	.3694335	.4925694	.4522493	.0446821	.1475992	.3741011

#1	5.121604	5.344480	4.832627	5.017982	5.011039	5.267721
#2	5.130184	5.361946	4.863843	5.020467	5.013764	5.260916
#3	5.157911	5.396437	4.821662	5.022460	5.025008	5.297991

Elem	Sr4077
Units	ppm
Avg	5.290259
Stddev	.019227
%RSD	.3634433

#1	5.300324
#2	5.268089
#3	5.302364

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1037.144	1487.226	44251.39	6381.429	2267.993
Stddev	6.874	5.534	157.77	17.793	3.184
%RSD	.6628273	.3720868	.3565415	.2788261	.1403825

#1	1029.787	1488.233	44069.24	6362.048	2267.124
#2	1043.403	1492.186	44345.31	6385.212	2271.521
#3	1038.243	1481.257	44339.62	6397.026	2265.334

Sample Name: CCB001 Acquired: 7/19/2017 18:39:51 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v72) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: CCB001 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0000958	.0004003	-.001800	.0023743	.0006557	.0069407	-.000074
Stddev	.0022434	.0004103	.001831	.0024999	.0004236	.0085971	.000165
%RSD	2340.899	102.4799	101.7022	105.2907	64.60179	123.8644	224.7973

#1	.0004651	.0000411	-.000137	.0043883	.0008124	.0117401	-.000215
#2	-.002309	.0008474	-.003762	-.000424	.0001761	.0120666	.000108
#3	.002132	.0003125	-.001501	.003158	.0009786	-.002985	-.000114

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000015	-.000175	-.002748	-.001032	-.000140	.0016089	.0095252
Stddev	.0000006	.000150	.008085	.000141	.000121	.0004624	.0094189
%RSD	39.87562	85.85392	294.2017	13.63934	86.68172	28.74273	98.88480

#1	-.000020	-.000044	.005768	-.001128	-.000018	.0015052	.0200990
#2	-.000008	-.000339	-.010318	-.000870	-.000140	.0012071	.0020331
#3	-.000016	-.000143	-.003694	-.001096	-.000261	.0021143	.0064434

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000072	.0129048	-.000351	.0002515	-.077766	-.003070	-.010792
Stddev	.000756	.0077318	.000120	.0001289	.059796	.004028	.008896
%RSD	1056.254	59.91423	34.11604	51.25478	76.89196	131.2155	82.43830

#1	.000718	.0215765	-.000485	.0003830	-.101559	-.000063	-.018684
#2	-.000788	.0067298	-.000313	.0001254	-.122003	-.001500	-.012540
#3	-.000144	.0104081	-.000255	.0002461	-.009736	-.007646	-.001151

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.015150	-.002639	.0051918	.0009800	-.074847	-.001059	-.000053
Stddev	.034113	.000746	.0014384	.0000692	.001515	.000092	.000747
%RSD	225.1762	28.25250	27.70493	7.061095	2.024491	8.711443	1396.391

#1	-.054491	-.002860	.0060476	.0009482	-.074825	-.001082	-.000733
#2	.002818	-.003250	.0059966	.0010594	-.076373	-.000957	.000746
#3	.006225	-.001808	.0035312	.0009325	-.073343	-.001137	-.000173

Sample Name: CCB001 Acquired: 7/19/2017 18:39:51 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v72) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: CCB001 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	-.000271	-.000894	.0000196
Stddev	.000308	.000435	.0000416
%RSD	113.7227	48.69625	212.4832

#1	.000047	-.000396	.0000650
#2	-.000292	-.001199	.0000105
#3	-.000567	-.001088	-.000017

Int. Std.	Y_ 2243	Y_ 2243	Y_ 3600	Y_ 3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1289.209	1777.482	52849.88	6925.040	3079.876
Stddev	8.427	9.540	130.52	24.919	17.109
%RSD	.6536795	.5367374	.2469661	.3598376	.5555067

#1	1279.526	1770.984	52872.78	6897.439	3070.845
#2	1293.215	1773.027	52709.43	6945.883	3069.174
#3	1294.887	1788.435	52967.45	6931.797	3099.608

Sample Name: I4230-05 Acquired: 7/19/2017 18:44:01 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v72) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MET6A6 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0794609	-.017012	1.575757	-.026716	.0080088	71.67386	1.926252
Stddev	.0040769	.004069	.007132	.004980	.0018930	.71846	.022569
%RSD	5.130703	23.91818	.4525959	18.64181	23.63698	1.002395	1.171668

#1	.0789644	-.014248	1.572996	-.032464	.0066348	71.08507	1.908038
#2	.0756550	-.015105	1.570418	-.023689	.0101681	72.47439	1.951501
#3	.0837634	-.021685	1.583856	-.023995	.0072234	71.46212	1.919217

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0059966	.0565329	82.06313	.1378578	.0785052	.3890046	195.9642
Stddev	.0000545	.0003334	.92944	.0008647	.0004712	.0040052	1.9213
%RSD	.9088262	.5898132	1.132590	.6272030	.6002418	1.029601	.9804093

#1	.0059496	.0562817	81.16169	.1386744	.0786324	.3856418	194.2512
#2	.0059838	.0564057	83.01825	.1369520	.0779835	.3934356	198.0416
#3	.0060563	.0569112	82.00945	.1379469	.0788998	.3879365	195.6000

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.985730	38.74162	.1869662	.0008025	1.555442	.1912830	4.758044
Stddev	.075748	.53045	.0007171	.0002971	.010721	.0021913	.028805
%RSD	1.265475	1.369189	.3835363	37.01762	.6892628	1.145593	.6054037

#1	5.918438	38.32196	.1868731	.0006399	1.550184	.1897798	4.725427
#2	6.067766	39.33782	.1877252	.0011454	1.567778	.1937973	4.768708
#3	5.970987	38.56507	.1863002	.0006223	1.548366	.1902719	4.779997

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	17.79497	11.44801	-.416155	.0092465	3.142951	2.906486	.0683919
Stddev	.09096	.02278	.003827	.0003465	.012958	.038789	.0011651
%RSD	.5111595	.1989756	.9196846	3.747704	.4122859	1.334572	1.703619

#1	17.72827	11.47057	-.412430	.0088743	3.156497	2.907130	.0676695
#2	17.89859	11.42502	-.420077	.0095598	3.130674	2.944948	.0697360
#3	17.75805	11.44843	-.415958	.0093053	3.141681	2.867378	.0677702

Sample Name: I4230-05 Acquired: 7/19/2017 18:44:01 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v72) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MET6A6 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	1.096104	.0670272	.2417587
Stddev	.010674	.0006040	.0019876
%RSD	.9737862	.9010567	.8221588

#1	1.085519	.0665691	.2401535
#2	1.106864	.0677117	.2439820
#3	1.095930	.0668009	.2411407

Int. Std.	Y_ 2243	Y_ 2243	Y_ 3600	Y_ 3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1301.676	1830.121	55165.30	7604.871	2827.308
Stddev	1.341	10.412	175.16	60.686	13.175
%RSD	.1030421	.5689194	.3175190	.7979850	.4660033

#1	1300.818	1827.685	55138.62	7629.156	2825.367
#2	1303.222	1841.535	55005.02	7535.803	2841.347
#3	1300.989	1821.143	55352.28	7649.653	2815.211

Sample Name: I4230-06 Acquired: 7/19/2017 18:48:02 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v72) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MET6A7 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0924883	-.017162	1.523646	-.027344	.0068665	77.88084	1.942541
Stddev	.0015367	.003165	.002570	.003539	.0020060	.17051	.001913
%RSD	1.661460	18.43945	.1686580	12.94325	29.21462	.2189320	.0984806

#1	.0942592	-.013709	1.521406	-.027264	.0048310	77.81440	1.944568
#2	.0915066	-.017854	1.526452	-.030922	.0088417	77.75356	1.940766
#3	.0916991	-.019923	1.523081	-.023845	.0069267	78.07457	1.942290

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0061674	.0532917	81.19924	.1470490	.0785630	.3690566	185.3502
Stddev	.0000735	.0001221	.27268	.0015672	.0008761	.0013583	.5138
%RSD	1.191178	.2291755	.3358129	1.065794	1.115123	.3680537	.2772252

#1	.0062470	.0533915	81.28597	.1470998	.0777981	.3677307	184.9898
#2	.0061023	.0533280	80.89375	.1485902	.0783720	.3704452	185.1222
#3	.0061530	.0531555	81.41801	.1454569	.0795188	.3689939	185.9386

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	6.304598	39.41817	.1892635	.0005071	1.525092	.2078342	4.754978
Stddev	.010086	.13161	.0005605	.0001877	.019252	.0024733	.060564
%RSD	.1599840	.3338730	.2961342	37.01284	1.262330	1.190016	1.273691

#1	6.308755	39.30754	.1897875	.0005778	1.541711	.2094811	4.821277
#2	6.293098	39.38327	.1886725	.0006492	1.529569	.2090314	4.741095
#3	6.311942	39.56371	.1893305	.0002943	1.503996	.2049902	4.702560

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	18.99593	11.48862	-.388398	.0078825	3.091518	3.697692	.0704139
Stddev	.00810	.03617	.003346	.0003070	.020313	.027471	.0006095
%RSD	.0426524	.3148436	.8615850	3.894399	.6570557	.7429292	.8656084

#1	19.00019	11.48382	-.386202	.0081726	3.088112	3.694757	.0708173
#2	18.98659	11.45510	-.386743	.0075610	3.073123	3.671806	.0707116
#3	19.00102	11.52696	-.392250	.0079138	3.113319	3.726513	.0697127

Sample Name: I4230-06 Acquired: 7/19/2017 18:48:02 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v72) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MET6A7 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	1.189497	.0706599	.2464785
Stddev	.004520	.0003803	.0002006
%RSD	.3799554	.5381896	.0813669

#1	1.194383	.0705664	.2467088
#2	1.185465	.0703352	.2463840
#3	1.188644	.0710783	.2463426

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1301.045	1835.803	55198.31	7585.967	2813.789
Stddev	8.075	3.488	175.74	9.177	3.144
%RSD	.6206332	.1900118	.3183812	.1209757	.1117487

#1	1292.258	1839.789	55040.56	7591.370	2816.548
#2	1308.139	1834.311	55166.64	7591.159	2814.454
#3	1302.737	1833.309	55387.74	7575.371	2810.366

Sample Name: I4230-07 Acquired: 7/19/2017 18:52:02 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v72) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MET6A8 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0919710	-.016084	1.745442	-.023845	.0047031	71.86065	1.943794
Stddev	.0026812	.001914	.004412	.003387	.0002322	.14893	.008547
%RSD	2.915282	11.90255	.2527660	14.20627	4.936253	.2072513	.4397109

#1	.0930544	-.014648	1.748535	-.020320	.0049323	71.90220	1.948102
#2	.0939410	-.015347	1.740389	-.024139	.0044681	71.98440	1.949329
#3	.0889176	-.018257	1.747400	-.027076	.0047090	71.69536	1.933950

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0057874	.0778557	59.50128	.1275119	.0742939	.4040332	182.4526
Stddev	.0001674	.0002116	.06374	.0008396	.0004421	.0026315	.2447
%RSD	2.893139	.2717322	.1071304	.6584121	.5951032	.6513048	.1341315

#1	.0059284	.0778361	59.43758	.1265479	.0748044	.4064811	182.2098
#2	.0056023	.0776546	59.50119	.1280830	.0740419	.4043683	182.6992
#3	.0058314	.0780763	59.56507	.1279047	.0740354	.4012502	182.4490

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	8.913290	32.98733	.1633299	.0015175	1.529720	.1889157	7.424336
Stddev	.016248	.12847	.0008563	.0003619	.070054	.0022582	.055216
%RSD	.1822928	.3894670	.5242843	23.85195	4.579551	1.195358	.7437113

#1	8.902210	33.13199	.1638438	.0015351	1.585303	.1863249	7.379131
#2	8.905717	32.94347	.1623414	.0011470	1.552827	.1904666	7.408000
#3	8.931942	32.88653	.1638045	.0018702	1.451032	.1899556	7.485876

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	17.14374	11.14354	-.382990	.0072529	2.191510	3.432519	.2606643
Stddev	.02290	.05023	.001802	.0000439	.004663	.023559	.0012890
%RSD	.1335718	.4507829	.4705926	.6046260	.2127614	.6863582	.4944999

#1	17.12984	11.20151	-.383859	.0072649	2.195666	3.424101	.2618634
#2	17.17017	11.11633	-.384193	.0072042	2.186468	3.459131	.2608284
#3	17.13121	11.11279	-.380918	.0072895	2.192397	3.414325	.2593012

Sample Name: I4230-07 Acquired: 7/19/2017 18:52:02 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v72) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MET6A8 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.9699970	.0658646	.2361075
Stddev	.0052580	.0001898	.0005800
%RSD	.5420599	.2880840	.2456524

#1	.9657564	.0660677	.2367703
#2	.9758801	.0656918	.2358591
#3	.9683544	.0658343	.2356930

Int. Std.	Y_ 2243	Y_ 2243	Y_ 3600	Y_ 3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1303.068	1832.584	54981.28	7567.085	2859.021
Stddev	4.170	5.881	195.44	13.649	8.526
%RSD	.3200249	.3209008	.3554671	.1803736	.2982176

#1	1300.125	1835.494	54801.32	7558.058	2860.857
#2	1301.239	1836.442	54953.33	7560.410	2866.478
#3	1307.840	1825.816	55189.20	7582.787	2849.726

Sample Name: I4230-08 Acquired: 7/19/2017 18:56:03 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v72) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MET6A9 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0720340	-.014570	.8950820	-.019541	.0049238	76.45710	1.652626
Stddev	.0018443	.002130	.0058118	.003459	.0002921	.17900	.009561
%RSD	2.560337	14.62209	.6492999	17.70371	5.932475	.2341161	.5785481

#1	.0718121	-.012583	.8921997	-.020497	.0049861	76.65119	1.663607
#2	.0703108	-.014307	.8912747	-.022422	.0051797	76.42157	1.648132
#3	.0739793	-.016820	.9017716	-.015704	.0046056	76.29852	1.646141

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0057046	.0462788	40.62118	.1118025	.0695791	.2846437	157.5322
Stddev	.0000235	.0001970	.16338	.0005582	.0001343	.0021042	.2941
%RSD	.4125421	.4257738	.4022120	.4993047	.1930713	.7392369	.1866660

#1	.0056797	.0464994	40.60976	.1116041	.0694726	.2866853	157.5761
#2	.0057265	.0461204	40.78997	.1124329	.0695347	.2847637	157.8019
#3	.0057074	.0462165	40.46380	.1113706	.0697300	.2824821	157.2187

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.949897	28.61996	.1509144	.0003959	1.392913	.1885452	7.587803
Stddev	.016775	.12064	.0002719	.0001441	.046796	.0024704	.057269
%RSD	.3388953	.4215145	.1801568	36.39380	3.359555	1.310260	.7547464

#1	4.951662	28.74616	.1511819	.0004973	1.339244	.1885265	7.595500
#2	4.965720	28.60795	.1509228	.0004595	1.414308	.1860841	7.640833
#3	4.932310	28.50578	.1506383	.0002310	1.425187	.1910249	7.527075

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	16.94050	10.05324	-.331146	.0048170	1.360033	4.272077	.0338712
Stddev	.05203	.05389	.000869	.0001425	.002418	.023368	.0021855
%RSD	.3071204	.5360363	.2624577	2.958055	.1777616	.5470040	6.452327

#1	16.99997	10.09384	-.331503	.0047557	1.361224	4.267912	.0316062
#2	16.90341	9.99210	-.331780	.0047153	1.361623	4.251071	.0340401
#3	16.91811	10.07376	-.330156	.0049798	1.357250	4.297248	.0359674

Sample Name: I4230-08 Acquired: 7/19/2017 18:56:03 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v72) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MET6A9 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	1.020283	.0693653	.2140106
Stddev	.004586	.0005868	.0012003
%RSD	.4494451	.8459882	.5608626

#1	1.021667	.0700399	.2153191
#2	1.024017	.0690831	.2137521
#3	1.015164	.0689729	.2129607

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1318.333	1852.464	55141.10	7555.435	2883.435
Stddev	10.800	7.559	145.59	24.223	8.576
%RSD	.8192337	.4080543	.2640403	.3205979	.2974151

#1	1306.157	1848.884	55132.63	7530.105	2876.379
#2	1322.088	1861.148	54999.93	7557.826	2892.980
#3	1326.754	1847.359	55290.74	7578.373	2880.946

Sample Name: I4230-09 Acquired: 7/19/2017 19:00:04 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v72) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MET6B0 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0610447	-.013599	.2966674	-.021910	.0026116	85.19995	1.487742
Stddev	.0047739	.001973	.0062589	.004010	.0016903	.22927	.004464
%RSD	7.820309	14.50838	2.109730	18.30017	64.72455	.2690950	.3000823

#1	.0658814	-.011577	.2955908	-.017569	.0007212	84.99573	1.486672
#2	.0563362	-.013701	.2910166	-.025475	.0039775	85.15617	1.483910
#3	.0609164	-.015518	.3033947	-.022685	.0031359	85.44795	1.492644

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0058743	.0245110	34.83610	.1101624	.0727009	.1983049	157.0844
Stddev	.0000789	.0002560	.08144	.0009949	.0006948	.0008423	.4074
%RSD	1.343640	1.044486	.2337802	.9031443	.9557024	.4247590	.2593709

#1	.0058148	.0246128	34.85219	.1096375	.0726796	.1992668	157.5413
#2	.0058442	.0242198	34.74781	.1095399	.0720170	.1979490	156.7588
#3	.0059638	.0247006	34.90829	.1113099	.0734061	.1976990	156.9531

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.481684	29.02765	.1775141	-.000142	1.209853	.2001474	4.047665
Stddev	.012185	.11887	.0015013	.000163	.066485	.0037897	.073498
%RSD	.2718806	.4094919	.8457583	115.2518	5.495291	1.893473	1.815814

#1	4.480995	29.02677	.1775609	-.000074	1.170801	.2022952	4.131723
#2	4.469858	28.90922	.1759899	-.000023	1.172140	.1957716	3.995503
#3	4.494198	29.14695	.1789915	-.000328	1.286620	.2023753	4.015769

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	16.12812	8.270287	-.334796	.0015660	.8736105	2.762011	.0170457
Stddev	.09665	.092466	.002248	.0002742	.0100465	.066793	.0017697
%RSD	.5992715	1.118056	.6715188	17.50605	1.150002	2.418278	10.38178

#1	16.10764	8.291116	-.332681	.0016681	.8697551	2.696836	.0155196
#2	16.04336	8.169182	-.334549	.0012555	.8660626	2.758883	.0166319
#3	16.23338	8.350562	-.337157	.0017745	.8850136	2.830312	.0189856

Sample Name: I4230-09 Acquired: 7/19/2017 19:00:04 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v72) Mode: CONC Corr. Factor: 1.000000
 User: JASWAL Custom ID1: MET6B0 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.8660402	.0773694	.2194914
Stddev	.0018057	.0007511	.0004774
%RSD	.2085013	.9708416	.2175148

#1	.8664866	.0779299	.2189406
#2	.8640532	.0765159	.2197458
#3	.8675808	.0776623	.2197877

Int. Std.	Y_ 2243	Y_ 2243	Y_ 3600	Y_ 3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1332.542	1873.686	55869.33	7588.884	2881.227
Stddev	20.566	14.952	557.26	9.854	23.572
%RSD	1.543353	.7979823	.9974309	.1298445	.8181141

#1	1311.615	1862.090	55551.20	7593.409	2868.217
#2	1352.727	1890.561	56512.78	7595.662	2908.436
#3	1333.283	1868.406	55544.01	7577.580	2867.027

Sample Name: I4230-10 Acquired: 7/19/2017 19:04:06 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v72) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MET6B1 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0757399	-.018398	1.231602	-.028080	.0035385	83.65847	1.637242
Stddev	.0047646	.003353	.006406	.003301	.0013996	3.19211	.062253
%RSD	6.290739	18.22519	.5201059	11.75545	39.55405	3.815647	3.802283

#1	.0812397	-.016021	1.230974	-.026091	.0027209	87.34142	1.709090
#2	.0728638	-.022234	1.238299	-.026258	.0027400	81.68849	1.599386
#3	.0731163	-.016940	1.225534	-.031890	.0051546	81.94551	1.603249

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0071864	.0338487	112.1022	.1457825	.0722387	.3456273	192.5787
Stddev	.0002755	.0002048	4.4120	.0011208	.0004068	.0136507	7.6334
%RSD	3.833343	.6050132	3.935658	.7688306	.5630914	3.949535	3.963807

#1	.0074549	.0336141	117.1732	.1446630	.0721374	.3613897	201.3903
#2	.0071998	.0339914	109.1441	.1457797	.0726865	.3377604	187.9827
#3	.0069044	.0339407	109.9892	.1469047	.0718922	.3377317	188.3631

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.366077	31.19277	.1841083	.0003046	2.769523	.2105505	2.375146
Stddev	.209703	1.27132	.0001578	.0003791	.059348	.0057265	.059795
%RSD	3.907934	4.075682	.0857211	124.4442	2.142893	2.719781	2.517543

#1	5.607552	32.65483	.1842198	.0007404	2.835507	.2169149	2.443227
#2	5.229769	30.34764	.1839277	.0001230	2.752555	.2089220	2.331141
#3	5.260909	30.57583	.1841774	.0000505	2.720508	.2058147	2.351072

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	15.48315	8.929590	-.244498	.0155218	2.386082	3.520543	.0734550
Stddev	.57043	.039551	.006975	.0004545	.016427	.094693	.0026616
%RSD	3.684207	.4429174	2.852639	2.928006	.6884435	2.689740	3.623447

#1	16.14030	8.906049	-.252502	.0160461	2.367163	3.621800	.0720469
#2	15.11582	8.975252	-.239726	.0152411	2.394360	3.434179	.0717931
#3	15.19331	8.907469	-.241266	.0152781	2.396723	3.505649	.0765248

Sample Name: I4230-10 Acquired: 7/19/2017 19:04:06 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v72) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MET6B1 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	1.257066	.0735783	.3218641
Stddev	.049341	.0025353	.0124985
%RSD	3.925064	3.445713	3.883173

#1	1.313942	.0765050	.3362939
#2	1.225732	.0721734	.3144266
#3	1.231525	.0720564	.3148717

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1295.640	1832.166	54899.16	7444.283	2787.213
Stddev	9.115	7.826	157.98	241.664	4.869
%RSD	.7035450	.4271470	.2877598	3.246302	.1747055

#1	1285.170	1824.387	54733.67	7165.233	2783.103
#2	1299.940	1832.072	54915.43	7583.953	2785.944
#3	1301.809	1840.038	55048.37	7583.662	2792.591

Sample Name: I4230-11 Acquired: 7/19/2017 19:08:09 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v72) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MET6B2 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0785940	-.015389	2.307701	-.029066	.0039595	82.74472	1.955517
Stddev	.0007567	.003169	.005003	.006675	.0011350	.34389	.009110
%RSD	.9627744	20.59350	.2168092	22.96448	28.66509	.4156065	.4658865

#1	.0783437	-.012513	2.301925	-.036237	.0028486	83.13681	1.965379
#2	.0794442	-.014868	2.310496	-.023034	.0051172	82.49426	1.947414
#3	.0779943	-.018786	2.310683	-.027927	.0039127	82.60309	1.953759

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0060648	.0380840	46.57068	.2001609	.0820774	.4323026	182.6667
Stddev	.0001247	.0001981	.21235	.0006392	.0003839	.0018107	.7685
%RSD	2.056075	.5202738	.4559665	.3193191	.4677174	.4188545	.4207204

#1	.0062074	.0378565	46.80715	.2005281	.0819420	.4330387	183.5541
#2	.0060114	.0382183	46.39630	.2005317	.0825107	.4302397	182.2214
#3	.0059758	.0381774	46.50859	.1994229	.0817796	.4336293	182.2245

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.658054	28.30580	.1820077	.0006828	1.797237	.2202427	2.680537
Stddev	.023613	.09227	.0006838	.0003180	.086671	.0016386	.035765
%RSD	.4173282	.3259726	.3757068	46.57128	4.822475	.7439809	1.334263

#1	5.685231	28.40964	.1827970	.0005301	1.851675	.2217563	2.664037
#2	5.642562	28.23324	.1816307	.0004700	1.697290	.2204691	2.656000
#3	5.646369	28.27450	.1815953	.0010483	1.842745	.2185027	2.721574

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	16.93778	10.22196	-.389289	.0080158	1.885563	3.674753	.1052106
Stddev	.05020	.00879	.002456	.0004305	.005425	.020760	.0032235
%RSD	.2964039	.0859906	.6307670	5.370767	.2877327	.5649328	3.063819

#1	16.97230	10.21490	-.389434	.0079937	1.881153	3.681535	.1077529
#2	16.88019	10.23181	-.386764	.0084570	1.883915	3.651450	.1062938
#3	16.96085	10.21919	-.391669	.0075968	1.891621	3.691273	.1015851

Sample Name: I4230-11 Acquired: 7/19/2017 19:08:09 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v72) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MET6B2 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	1.084995	.0738264	.2644598
Stddev	.007605	.0002771	.0010535
%RSD	.7009608	.3754090	.3983388

#1	1.093246	.0741106	.2656747
#2	1.083473	.0735569	.2639040
#3	1.078265	.0738117	.2638006

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1329.823	1866.113	55947.27	7659.924	2861.761
Stddev	4.383	5.401	64.89	37.664	7.402
%RSD	.3295846	.2894435	.1159820	.4917007	.2586691

#1	1329.736	1860.879	55988.56	7617.388	2855.484
#2	1334.249	1871.667	55872.48	7673.345	2869.924
#3	1325.484	1865.795	55980.77	7689.040	2859.875

Sample Name: I4230-15 Acquired: 7/19/2017 19:12:10 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v72) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MET6B5 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0677957	-.014981	.2334740	-.023227	.0020047	99.72163	1.459109
Stddev	.0062001	.004691	.0030969	.006576	.0023422	4.35103	.061644
%RSD	9.145296	31.31592	1.326461	28.31303	116.8362	4.363172	4.224763

#1	.0616710	-.010824	.2327466	-.026179	.0047093	97.33178	1.425941
#2	.0676474	-.020067	.2308055	-.027809	.0006601	97.08931	1.421151
#3	.0740686	-.014052	.2368699	-.015692	.0006447	104.7438	1.530236

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0063538	.0217096	34.23541	.1135804	.0757651	.1925688	171.5938
Stddev	.0002441	.0000637	1.56823	.0017670	.0003571	.0080899	7.5376
%RSD	3.841970	.2934017	4.580717	1.555729	.4712684	4.201061	4.392722

#1	.0062011	.0217440	33.44464	.1149612	.0756731	.1863789	167.8276
#2	.0062250	.0217487	33.21999	.1141910	.0761592	.1896047	166.6814
#3	.0066354	.0216361	36.04159	.1115891	.0754631	.2017227	180.2723

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	3.917433	28.76894	.1942887	-.000002	1.805385	.2143224	1.601611
Stddev	.168820	1.24394	.0006966	.000409	.167243	.0090233	.024551
%RSD	4.309451	4.323912	.3585311	20688.00	9.263590	4.210159	1.532904

#1	3.833187	28.10938	.1937084	-.000375	1.796691	.2108388	1.611940
#2	3.807316	27.99368	.1950612	-.000066	1.642658	.2075603	1.619310
#3	4.111796	30.20377	.1940964	.000435	1.976806	.2245683	1.573583

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	16.34622	7.976389	-.366100	.0029840	.7203968	2.796270	.0198208
Stddev	.71890	.031807	.014224	.0004850	.0037079	.122978	.0010021
%RSD	4.397936	.3987629	3.885213	16.25413	.5147003	4.397926	5.055847

#1	15.92085	7.941158	-.358245	.0032645	.7246517	2.751746	.0204355
#2	15.94157	7.985018	-.357537	.0024239	.7178568	2.701756	.0203625
#3	17.17625	8.002990	-.382520	.0032635	.7186818	2.935309	.0186644

Sample Name: I4230-15 Acquired: 7/19/2017 19:12:10 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v72) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MET6B5 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.8620950	.0869176	.2606741
Stddev	.0405086	.0036639	.0111471
%RSD	4.698851	4.215386	4.276268

#1	.8399931	.0850917	.2542735
#2	.8374449	.0845254	.2542032
#3	.9088472	.0911357	.2735456

Int. Std.	Y_ 2243	Y_ 2243	Y_ 3600	Y_ 3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1351.241	1900.351	56378.97	7516.629	2873.191
Stddev	16.207	6.463	314.02	273.981	1.307
%RSD	1.199439	.3400745	.5569761	3.644998	.0455004

#1	1354.087	1894.751	56196.81	7659.110	2872.590
#2	1333.799	1907.422	56198.53	7690.010	2874.691
#3	1365.836	1898.880	56741.56	7200.766	2872.292

Sample Name: I4230-16 Acquired: 7/19/2017 19:16:13 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v72) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MET6B6 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0940529	-.013279	1.020955	-.018767	.0053888	83.42725	1.795691
Stddev	.0049424	.001401	.004328	.004282	.0027965	1.35966	.027945
%RSD	5.254921	10.54968	.4238763	22.81429	51.89451	1.629761	1.556202

#1	.0884074	-.012726	1.025629	-.016720	.0030667	81.85789	1.763515
#2	.0961519	-.012238	1.020150	-.015893	.0084931	84.17310	1.809676
#3	.0975994	-.014871	1.017087	-.023688	.0046066	84.25077	1.813883

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0066361	.1340144	95.29473	.1190885	.0721660	.3799746	139.1969
Stddev	.0002143	.0003789	2.04069	.0006652	.0001344	.0047448	2.7406
%RSD	3.228823	.2826967	2.141450	.5585447	.1862935	1.248717	1.968896

#1	.0064077	.1336056	92.94127	.1197635	.0722450	.3748350	136.0328
#2	.0068326	.1343537	96.57309	.1184337	.0722421	.3809007	140.8297
#3	.0066681	.1340840	96.36984	.1190682	.0720107	.3841881	140.7282

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	6.063838	30.66329	.1579488	.0011165	1.487445	.1941607	4.672589
Stddev	.124569	.55396	.0003806	.0002060	.058441	.0047448	.049281
%RSD	2.054286	1.806599	.2409493	18.45500	3.928933	2.443748	1.054678

#1	5.920019	30.02899	.1575967	.0008881	1.546417	.1890369	4.626012
#2	6.137826	31.05201	.1578972	.0012884	1.429550	.1950422	4.724189
#3	6.133670	30.90888	.1583525	.0011730	1.486367	.1984029	4.667566

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	21.00343	9.631101	-.271559	.0039854	3.006417	5.113759	.0141011
Stddev	.25900	.038745	.001907	.0006579	.008823	.109641	.0006866
%RSD	1.233141	.4022951	.7022731	16.50683	.2934729	2.144047	4.869372

#1	20.70821	9.675671	-.269410	.0045823	3.016602	4.987694	.0147081
#2	21.19250	9.612186	-.273050	.0032800	3.001519	5.186891	.0133559
#3	21.10956	9.605447	-.272218	.0040939	3.001129	5.166692	.0142393

Sample Name: I4230-16 Acquired: 7/19/2017 19:16:13 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v72) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MET6B6 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.8901773	.0749534	.3262011
Stddev	.0187996	.0019025	.0055027
%RSD	2.111891	2.538226	1.686920

#1	.8684728	.0727571	.3198674
#2	.9006935	.0760135	.3289280
#3	.9013654	.0760897	.3298079

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1283.360	1816.435	54705.34	7571.487	2829.301
Stddev	8.892	5.514	219.71	101.547	6.052
%RSD	.6928946	.3035529	.4016321	1.341173	.2138868

#1	1273.102	1810.097	54485.24	7687.853	2822.314
#2	1288.103	1820.132	54706.11	7500.812	2832.706
#3	1288.876	1819.075	54924.67	7525.797	2832.883

Sample Name: I4230-17 Acquired: 7/19/2017 19:20:16 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v72) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MET6B7 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1193260	-.012237	.7245016	-.013930	.0051822	81.55972	2.004867
Stddev	.0023122	.000830	.0018576	.000524	.0003376	.09314	.005819
%RSD	1.937744	6.783580	.2563926	3.762866	6.514781	.1141940	.2902615

#1	.1198718	-.013195	.7266462	-.013940	.0052822	81.66725	2.011582
#2	.1167897	-.011723	.7233979	-.014449	.0054586	81.50472	2.001745
#3	.1213165	-.011794	.7234607	-.013401	.0048059	81.50718	2.001276

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0061112	.1518293	49.32006	.1168897	.0862062	.2963895	145.6326
Stddev	.0000639	.0002368	.08878	.0008775	.0002597	.0013238	.3766
%RSD	1.045729	.1559690	.1800044	.7507138	.3012411	.4466526	.2585784

#1	.0060437	.1519462	49.40429	.1160953	.0864923	.2948637	146.0645
#2	.0061191	.1515568	49.22734	.1167421	.0861409	.2972337	145.4608
#3	.0061708	.1519850	49.32855	.1178316	.0859853	.2970710	145.3726

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	7.754177	26.72364	.1595062	.0005820	1.313802	.2136330	4.241546
Stddev	.023200	.20342	.0000876	.0004101	.046903	.0010001	.046089
%RSD	.2991987	.7612072	.0549153	70.46660	3.570032	.4681288	1.086598

#1	7.775909	26.91560	.1595816	.0002851	1.331209	.2147068	4.294765
#2	7.729744	26.74491	.1595268	.0004110	1.260685	.2127282	4.214863
#3	7.756878	26.51042	.1594101	.0010500	1.349514	.2134642	4.215011

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	22.31092	9.136905	-.284874	.0042157	1.866556	4.951453	.0134443
Stddev	.05186	.010639	.000916	.0001450	.013353	.058169	.0005227
%RSD	.2324625	.1164409	.3213853	3.439070	.7153634	1.174788	3.887726

#1	22.35668	9.145715	-.285780	.0043694	1.872344	5.002655	.0135684
#2	22.32149	9.139915	-.283950	.0040814	1.876037	4.888204	.0138938
#3	22.25458	9.125086	-.284893	.0041964	1.851285	4.963500	.0128707

Sample Name: I4230-17 Acquired: 7/19/2017 19:20:16 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v72) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MET6B7 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.9226099	.0714297	.2861036
Stddev	.0057351	.0002550	.0008222
%RSD	.6216124	.3569835	.2873759

#1	.9280091	.0716205	.2870069
#2	.9232311	.0711401	.2859050
#3	.9165896	.0715286	.2853989

Int. Std.	Y_ 2243	Y_ 2243	Y_ 3600	Y_ 3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1301.829	1836.269	55101.62	7555.710	2855.694
Stddev	9.817	8.249	215.07	37.247	9.237
%RSD	.7540580	.4492427	.3903173	.4929698	.3234712

#1	1292.647	1841.065	54855.81	7513.768	2857.241
#2	1300.663	1840.998	55255.13	7568.432	2864.060
#3	1312.176	1826.744	55193.93	7584.930	2845.781

Sample Name: I4230-18 Acquired: 7/19/2017 19:24:19 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v72) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MET6B8 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0862664	-.012171	.3423312	-.017032	.0042292	86.66067	1.885560
Stddev	.0057353	.002606	.0009981	.003656	.0010443	.02148	.004635
%RSD	6.648321	21.41137	.2915611	21.46433	24.69207	.0247883	.2458325

#1	.0928706	-.014808	.3425583	-.016229	.0030668	86.68463	1.888956
#2	.0825390	-.009597	.3431961	-.013844	.0045324	86.65424	1.880279
#3	.0833895	-.012107	.3412391	-.021022	.0050883	86.64313	1.887445

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0062023	.0859664	43.45478	.1204621	.0797099	.2411261	146.7425
Stddev	.0000569	.0006585	.12223	.0003526	.0003428	.0016579	.4991
%RSD	.9178907	.7660129	.2812774	.2926882	.4300994	.6875577	.3401460

#1	.0061462	.0855959	43.33825	.1200853	.0793212	.2415016	146.1665
#2	.0062601	.0855765	43.58201	.1205167	.0799691	.2425640	147.0123
#3	.0062007	.0867267	43.44408	.1207841	.0798394	.2393126	147.0487

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	6.621106	28.89614	.1892603	.0001539	1.276146	.2110216	3.895323
Stddev	.015303	.08054	.0006785	.0002087	.102889	.0028113	.015252
%RSD	.2311194	.2787240	.3585180	135.6698	8.062513	1.332255	.3915384

#1	6.607217	28.82415	.1885497	.0001155	1.161524	.2077758	3.910077
#2	6.618591	28.98312	.1899015	-.000033	1.306388	.2126912	3.896275
#3	6.637511	28.88116	.1893298	.000379	1.360525	.2125977	3.879618

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	21.96324	7.819967	-.302479	.0016042	1.481901	4.590907	.0096287
Stddev	.01516	.003229	.002907	.0005188	.014410	.039500	.0012546
%RSD	.0690119	.0412966	.9609019	32.33711	.9724160	.8604016	13.02956

#1	21.96121	7.823659	-.301184	.0016849	1.471014	4.553964	.0107810
#2	21.94919	7.817664	-.305808	.0010498	1.476447	4.632545	.0082922
#3	21.97930	7.818578	-.300445	.0020779	1.498243	4.586211	.0098128

Sample Name: I4230-18 Acquired: 7/19/2017 19:24:19 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v72) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MET6B8 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.8387527	.0773576	.3039203
Stddev	.0041564	.0002804	.0003854
%RSD	.4955480	.3624106	.1268209

#1	.8341610	.0773546	.3040177
#2	.8398391	.0770788	.3034955
#3	.8422581	.0776395	.3042477

Int. Std.	Y_ 2243	Y_ 2243	Y_ 3600	Y_ 3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1333.314	1877.705	55992.26	7656.286	2885.119
Stddev	3.628	5.223	188.06	17.404	4.016
%RSD	.2721366	.2781448	.3358609	.2273196	.1392110

#1	1332.093	1873.454	55812.61	7647.486	2881.699
#2	1337.395	1876.127	56187.72	7645.039	2889.542
#3	1330.454	1883.535	55976.43	7676.333	2884.115

Sample Name: I4230-19 Acquired: 7/19/2017 19:28:22 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v72) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MET6B9 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0647496	-.020279	.1700509	-.022604	.0026105	107.8418	1.726139
Stddev	.0018343	.003129	.0018715	.008164	.0016231	1.1012	.017920
%RSD	2.832963	15.43190	1.100535	36.11984	62.17691	1.021101	1.038161

#1	.0666540	-.019304	.1721480	-.030151	.0009942	106.8985	1.709508
#2	.0629944	-.023779	.1685508	-.023723	.0025968	107.5751	1.723793
#3	.0646002	-.017753	.1694538	-.013937	.0042404	109.0518	1.745117

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0071220	.0333632	41.57276	.1323499	.0974496	.2300077	176.3869
Stddev	.0001051	.0000507	.43031	.0010245	.0005315	.0025393	2.0652
%RSD	1.475249	.1518851	1.035083	.7740974	.5453575	1.104003	1.170830

#1	.0070321	.0333468	41.15510	.1312847	.0971973	.2281809	174.5467
#2	.0070964	.0333227	41.54850	.1333282	.0980602	.2289350	175.9934
#3	.0072375	.0334200	42.01469	.1324368	.0970913	.2329074	178.6205

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	6.455821	34.84862	.2232860	-.000746	1.659996	.2267851	2.915910
Stddev	.072021	.12636	.0014816	.000266	.106508	.0036835	.064646
%RSD	1.115605	.3625954	.6635585	35.68793	6.416166	1.624238	2.217027

#1	6.400193	34.77205	.2216748	-.000625	1.559194	.2225944	2.884753
#2	6.430098	34.77935	.2235935	-.001051	1.771415	.2295105	2.990234
#3	6.537173	34.99447	.2245898	-.000561	1.649379	.2282505	2.872742

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	22.51438	6.048832	-.375767	-.001105	1.124714	4.146915	.0102920
Stddev	.21704	.030055	.004167	.000182	.002164	.027590	.0021957
%RSD	.9640018	.4968789	1.108851	16.45587	.1923891	.6653243	21.33448

#1	22.33402	6.017755	-.378242	-.001311	1.122878	4.165116	.0081253
#2	22.45385	6.050991	-.370957	-.001036	1.124164	4.115170	.0102349
#3	22.75525	6.077749	-.378103	-.000968	1.127100	4.160460	.0125157

Sample Name: I4230-19 Acquired: 7/19/2017 19:28:22 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v72) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MET6B9 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.6554016	.0961498	.3420005
Stddev	.0088287	.0002901	.0034569
%RSD	1.347062	.3017204	1.010786

#1	.6492623	.0960114	.3390848
#2	.6514231	.0959548	.3410975
#3	.6655195	.0964832	.3458193

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1326.367	1882.460	55561.25	7734.467	2840.500
Stddev	20.770	6.224	602.99	62.636	5.013
%RSD	1.565898	.3306073	1.085279	.8098320	.1764792

#1	1332.727	1876.443	55939.88	7774.188	2837.016
#2	1303.161	1888.872	54865.89	7766.951	2846.245
#3	1343.213	1882.066	55877.97	7662.262	2838.239

Sample Name: I4230-20 Acquired: 7/19/2017 19:32:24 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v72) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MET6C0 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0828223	-.010034	.9125577	-.016434	.0047627	74.41059	1.730141
Stddev	.0034662	.003341	.0030231	.001380	.0001797	.20727	.008550
%RSD	4.185081	33.30103	.3312781	8.394848	3.773428	.2785487	.4941616

#1	.0802254	-.009237	.9151557	-.015018	.0047404	74.64757	1.738648
#2	.0814832	-.007162	.9092396	-.017774	.0045952	74.26312	1.721549
#3	.0867583	-.013701	.9132780	-.016509	.0049525	74.32108	1.730227

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0054821	.1230340	40.02059	.1060049	.0736658	.3356915	134.5334
Stddev	.0000986	.0002025	.07018	.0009268	.0004276	.0007760	.3438
%RSD	1.799473	.1645552	.1753574	.8742723	.5804547	.2311657	.2555552

#1	.0055898	.1228139	39.99636	.1070741	.0732811	.3348715	134.9304
#2	.0054604	.1230758	40.09968	.1054304	.0735902	.3364143	134.3352
#3	.0053961	.1232123	39.96574	.1055103	.0741262	.3357887	134.3347

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.694157	24.65245	.1610524	.0007893	1.128401	.1815324	4.329454
Stddev	.008255	.06575	.0012354	.0000864	.084709	.0023378	.019268
%RSD	.1449656	.2667045	.7670980	10.94577	7.506962	1.287806	.4450472

#1	5.702985	24.66697	.1606983	.0008717	1.106543	.1800897	4.314880
#2	5.686631	24.58065	.1600326	.0007969	1.221897	.1802777	4.322183
#3	5.692853	24.70972	.1624262	.0006994	1.056764	.1842296	4.351300

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	18.40349	9.247067	-.276957	.0034223	1.868009	4.012113	.0147351
Stddev	.05011	.072386	.002050	.0000989	.017678	.032323	.0020384
%RSD	.2722599	.7828048	.7400127	2.888387	.9463599	.8056341	13.83365

#1	18.43246	9.200573	-.279313	.0033490	1.849254	4.031001	.0148272
#2	18.34563	9.210160	-.275590	.0033830	1.870407	3.974791	.0167259
#3	18.43237	9.330468	-.275967	.0035347	1.884365	4.030549	.0126522

Sample Name: I4230-20 Acquired: 7/19/2017 19:32:24 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v72) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MET6C0 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.7186512	.0672395	.2860983
Stddev	.0007516	.0006544	.0009592
%RSD	.1045785	.9732380	.3352834

#1	.7179980	.0678125	.2870999
#2	.7184830	.0665264	.2851879
#3	.7194726	.0673797	.2860070

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1314.472	1853.419	55409.05	7591.697	2906.384
Stddev	11.255	7.618	286.11	28.466	8.467
%RSD	.8562114	.4110141	.5163670	.3749621	.2913201

#1	1305.160	1854.835	55079.14	7559.576	2904.804
#2	1326.979	1860.229	55589.09	7613.798	2915.530
#3	1311.279	1845.192	55558.94	7601.719	2898.819

Sample Name: I4230-21 Acquired: 7/19/2017 19:36:25 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v72) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MET6C1 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0994864	-.011490	.5819012	-.019203	.0036405	84.48341	1.892219
Stddev	.0022974	.001488	.0037101	.002845	.0004832	.18197	.002992
%RSD	2.309276	12.94854	.6375848	14.81345	13.27357	.2153887	.1581165

#1	.1016351	-.010657	.5818295	-.020504	.0038024	84.67796	1.895672
#2	.0970647	-.013208	.5782275	-.015940	.0040219	84.31740	1.890426
#3	.0997595	-.010605	.5856467	-.021164	.0030971	84.45488	1.890557

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0062195	.1318316	34.17294	.1163770	.0994394	.2497408	145.6699
Stddev	.0000609	.0001449	.21132	.0014057	.0003577	.0016896	.5495
%RSD	.9799807	.1099413	.6183876	1.207840	.3596735	.6765485	.3772309

#1	.0061732	.1319573	33.95669	.1157643	.0991442	.2509033	145.1974
#2	.0062886	.1318645	34.18317	.1179850	.0998371	.2478026	145.5394
#3	.0061968	.1316731	34.37897	.1153816	.0993368	.2505164	146.2729

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	8.957464	26.69019	.1758906	.0001142	1.188269	.2056620	3.977475
Stddev	.045855	.09921	.0011107	.0000588	.028371	.0047372	.027011
%RSD	.5119226	.3717238	.6314754	51.47010	2.387609	2.303408	.6791007

#1	8.909485	26.57912	.1746992	.0000504	1.220920	.2019030	3.970720
#2	8.962058	26.77002	.1760750	.0001261	1.174258	.2041001	3.954483
#3	9.000850	26.72144	.1768975	.0001661	1.169628	.2109830	4.007223

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	20.59206	8.527884	-.306463	.0028298	1.341203	5.354116	.0141608
Stddev	.09708	.027670	.000493	.0007708	.012070	.062907	.0007261
%RSD	.4714280	.3244654	.1608691	27.23867	.8999028	1.174934	5.127380

#1	20.69984	8.538373	-.307023	.0025985	1.354336	5.412550	.0138662
#2	20.56483	8.496503	-.306276	.0036898	1.330597	5.362268	.0136284
#3	20.51151	8.548775	-.306092	.0022011	1.338676	5.287530	.0149879

Sample Name: I4230-21 Acquired: 7/19/2017 19:36:25 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v72) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MET6C1 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.7927844	.0731004	.2935200
Stddev	.0062051	.0007123	.0007389
%RSD	.7827004	.9743601	.2517326

#1	.7910449	.0728579	.2942920
#2	.7876347	.0725411	.2934486
#3	.7996737	.0739023	.2928194

Int. Std.	Y_ 2243	Y_ 2243	Y_ 3600	Y_ 3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1339.380	1882.583	55885.50	7650.160	2896.106
Stddev	6.087	9.965	262.18	10.107	11.161
%RSD	.4544381	.5293467	.4691303	.1321189	.3853709

#1	1332.353	1883.999	55916.03	7651.945	2898.093
#2	1342.778	1891.765	55609.40	7659.257	2906.139
#3	1343.009	1871.986	56131.08	7639.280	2884.084

Sample Name: I4230-22 Acquired: 7/19/2017 19:40:27 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v72) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MET6C2 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0690639	-.013185	.4829855	-.024137	.0021132	102.7754	1.802475
Stddev	.0036402	.000541	.0018524	.002827	.0017615	.2256	.004282
%RSD	5.270759	4.102865	.3835261	11.71358	83.35692	.2194621	.2375596

#1	.0664073	-.012703	.4826335	-.021301	.0041343	102.7053	1.804133
#2	.0675713	-.013770	.4813344	-.024154	.0009049	103.0277	1.805681
#3	.0732132	-.013081	.4849886	-.026955	.0013004	102.5932	1.797612

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0076767	.0724435	79.07176	.1368048	.0887561	.2379607	164.6357
Stddev	.0000986	.0002725	.16242	.0005993	.0003096	.0020732	.2777
%RSD	1.284719	.3761004	.2054134	.4380979	.3487918	.8712433	.1686614

#1	.0075921	.0722298	79.18729	.1363838	.0891118	.2362305	164.3744
#2	.0077850	.0723504	79.14194	.1365395	.0885478	.2373931	164.9273
#3	.0076529	.0727503	78.88604	.1374910	.0886086	.2402586	164.6055

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	6.483228	32.50903	.2055914	-.000185	2.030634	.2326083	3.432341
Stddev	.006734	.18735	.0012164	.000254	.079991	.0023345	.034641
%RSD	.1038670	.5763079	.5916807	137.3695	3.939230	1.003629	1.009239

#1	6.478052	32.32194	.2046721	-.000468	2.122879	.2299656	3.457872
#2	6.490841	32.69664	.2051313	.000024	1.988613	.2334690	3.392909
#3	6.480790	32.50852	.2069708	-.000112	1.980411	.2343902	3.446243

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	20.36606	6.483268	-.240967	.0045804	2.261076	5.751611	.0088047
Stddev	.07304	.026373	.002130	.0003703	.015196	.024675	.0007569
%RSD	.3586315	.4067918	.8840405	8.083488	.6720903	.4290142	8.596932

#1	20.34925	6.477975	-.238530	.0045165	2.266159	5.726448	.0094418
#2	20.44604	6.459942	-.241893	.0042463	2.243990	5.752618	.0079680
#3	20.30289	6.511886	-.242477	.0049785	2.273080	5.775767	.0090043

Sample Name: I4230-22 Acquired: 7/19/2017 19:40:27 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v72) Mode: CONC Corr. Factor: 1.000000
 User: JASWAL Custom ID1: MET6C2 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.9936811	.0934573	.4021688
Stddev	.0036700	.0001631	.0007204
%RSD	.3693353	.1744634	.1791415

#1	.9951154	.0935967	.4026164
#2	.9964173	.0932780	.4025522
#3	.9895105	.0934972	.4013377

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1328.400	1864.319	55607.01	7651.626	2813.343
Stddev	9.090	7.064	125.74	7.754	8.454
%RSD	.6842453	.3789084	.2261301	.1013390	.3004978

#1	1318.368	1857.259	55468.81	7642.701	2806.026
#2	1330.746	1871.387	55714.68	7656.709	2822.597
#3	1336.087	1864.311	55637.53	7655.468	2811.405

Sample Name: I4232-01 Acquired: 7/19/2017 19:44:29 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v72) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MET6E3 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0811345	-.023157	1.885279	-.032736	-.000703	75.40404	2.080118
Stddev	.0007212	.001283	.007873	.002115	.003346	.07420	.006007
%RSD	.8888721	5.541918	.4175890	6.460439	476.1701	.0984036	.2887982

#1	.0818412	-.022916	1.877634	-.030453	-.003946	75.41534	2.084613
#2	.0803996	-.022012	1.884842	-.033125	-.000901	75.47195	2.082446
#3	.0811627	-.024544	1.893361	-.034629	.002738	75.32484	2.073295

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0064338	.0560548	84.59255	.1410981	.0776603	.4148829	223.7295
Stddev	.0000988	.0001283	.28736	.0004343	.0001684	.0006791	.4988
%RSD	1.536172	.2289184	.3396980	.3077994	.2167761	.1636939	.2229564

#1	.0064720	.0559131	84.26502	.1412763	.0777243	.4147022	223.1998
#2	.0063216	.0560881	84.71032	.1406031	.0774693	.4143124	223.7985
#3	.0065079	.0561631	84.80232	.1414150	.0777872	.4156341	224.1903

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.505198	43.11559	.1904741	.0006863	1.644844	.2036742	4.624917
Stddev	.016210	.06820	.0008773	.0002538	.056579	.0010371	.050082
%RSD	.2944560	.1581899	.4606026	36.97920	3.439809	.5092073	1.082879

#1	5.487690	43.18915	.1895875	.0005029	1.635047	.2025730	4.569624
#2	5.519685	43.05445	.1904928	.0005801	1.705682	.2038171	4.637891
#3	5.508220	43.10318	.1913419	.0009759	1.593803	.2046325	4.667235

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	16.17958	11.95550	-.478320	.0094153	3.179997	3.653344	.5008660
Stddev	.09275	.03119	.000736	.0003211	.006481	.040983	.0035286
%RSD	.5732695	.2608441	.1539102	3.410002	.2037977	1.121806	.7045050

#1	16.24821	11.98423	-.478869	.0090681	3.187347	3.678426	.4971673
#2	16.21648	11.95994	-.477483	.0094763	3.177540	3.675558	.5012350
#3	16.07406	11.92234	-.478606	.0097015	3.175105	3.606050	.5041956

Sample Name: I4232-01 Acquired: 7/19/2017 19:44:29 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v72) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MET6E3 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	1.212163	.0699521	.2606395
Stddev	.007620	.0009103	.0005770
%RSD	.6286029	1.301356	.2213768

#1	1.205602	.0704921	.2612525
#2	1.220520	.0704630	.2605589
#3	1.210366	.0689011	.2601070

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1283.661	1814.621	54350.51	7512.149	2791.959
Stddev	6.522	8.423	189.81	14.755	8.411
%RSD	.5080815	.4641568	.3492373	.1964122	.3012548

#1	1289.905	1818.825	54458.67	7498.413	2796.941
#2	1276.893	1820.113	54131.34	7510.287	2796.687
#3	1284.184	1804.923	54461.52	7527.746	2782.248

Sample Name: I4232-02 Acquired: 7/19/2017 19:48:29 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v72) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MET6E4 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1064609	-.019402	3.714884	-.029462	.0077569	71.26502	2.581598
Stddev	.0027611	.004077	.006127	.004126	.0024410	.24103	.011769
%RSD	2.593504	21.01207	.1649421	14.00623	31.46867	.3382176	.4558886

#1	.1051797	-.016254	3.718398	-.027803	.0057575	71.51275	2.594473
#2	.1045732	-.017944	3.707808	-.026422	.0070361	71.25100	2.578930
#3	.1096298	-.024007	3.718445	-.034159	.0104772	71.03130	2.571393

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0063174	.0835051	385.4468	.1577701	.0726117	.5733380	204.3626
Stddev	.0001886	.0001827	2.6309	.0008288	.0002232	.0025915	1.1221
%RSD	2.985959	.2187585	.6825464	.5253105	.3073694	.4519990	.5490599

#1	.0064567	.0836825	385.9076	.1569720	.0724240	.5750647	204.9821
#2	.0061028	.0833176	387.8169	.1577119	.0725528	.5745911	205.0384
#3	.0063928	.0835153	382.6160	.1586265	.0728585	.5703581	203.0674

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.146785	74.69430	.1759354	.0031750	2.127288	.1895920	7.885243
Stddev	.025937	.20654	.0010787	.0000711	.078411	.0018455	.073139
%RSD	.5039464	.2765150	.6131397	2.240270	3.685956	.9733996	.9275366

#1	5.154795	74.93198	.1753970	.0032221	2.184408	.1875421	7.805701
#2	5.167773	74.55845	.1752319	.0032097	2.159566	.1901129	7.900438
#3	5.117788	74.59247	.1771774	.0030932	2.037890	.1911211	7.949591

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	12.74065	13.98365	-.437197	.0084713	3.989328	3.577521	.2375165
Stddev	.08719	.12471	.002793	.0004352	.022809	.055160	.0031235
%RSD	.6843072	.8918330	.6387766	5.136988	.5717567	1.541854	1.315083

#1	12.81544	13.96463	-.440277	.0086771	3.991502	3.531179	.2379517
#2	12.64489	13.86955	-.436481	.0079714	3.965510	3.638533	.2341981
#3	12.76162	14.11678	-.434831	.0087655	4.010973	3.562852	.2403995

Sample Name: I4232-02 Acquired: 7/19/2017 19:48:29 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v72) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MET6E4 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	1.124143	.0703256	.5381807
Stddev	.004978	.0005468	.0013164
%RSD	.4428583	.7775624	.2446023

#1	1.127740	.0708806	.5396792
#2	1.126228	.0697873	.5376521
#3	1.118461	.0703088	.5372107

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1215.015	1718.140	51391.31	7164.929	2617.247
Stddev	3.522	6.276	120.17	42.011	8.084
%RSD	.2898700	.3652525	.2338362	.5863386	.3088764

#1	1218.432	1711.874	51507.84	7125.929	2609.596
#2	1215.217	1724.425	51398.30	7159.444	2625.704
#3	1211.396	1718.120	51267.80	7209.412	2616.441

Sample Name: I4232-03 Acquired: 7/19/2017 19:52:29 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v72) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MET6E5 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0732658	-.021907	1.485391	-.032671	.0059800	66.87249	1.891424
Stddev	.0031709	.001085	.006435	.003218	.0012063	.15807	.005473
%RSD	4.327929	4.953789	.4331894	9.848530	20.17297	.2363784	.2893782

#1	.0740451	-.020854	1.484131	-.036375	.0053847	66.69155	1.890492
#2	.0759743	-.021847	1.479680	-.031073	.0051870	66.98377	1.897304
#3	.0697779	-.023022	1.492362	-.030565	.0073683	66.94215	1.886477

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0068082	.0581747	56.42439	.1112800	.0788318	.3731977	234.1121
Stddev	.0000622	.0001323	.10837	.0005997	.0009826	.0020093	.2907
%RSD	.9129054	.2274249	.1920596	.5388816	1.246401	.5383940	.1241510

#1	.0068791	.0583147	56.50847	.1105882	.0777967	.3712051	234.0164
#2	.0067822	.0581576	56.30209	.1116001	.0789470	.3731649	233.8814
#3	.0067633	.0580518	56.46260	.1116517	.0797517	.3752232	234.4385

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.630743	30.27471	.1836001	.0012642	2.215295	.1819765	4.057638
Stddev	.006158	.04483	.0011550	.0000960	.022716	.0034059	.036803
%RSD	.1329886	.1480650	.6290937	7.595011	1.025411	1.871600	.9070070

#1	4.634728	30.22362	.1823214	.0012704	2.214229	.1804293	4.100129
#2	4.623650	30.29307	.1839113	.0011652	2.238525	.1858813	4.036954
#3	4.633851	30.30743	.1845677	.0013570	2.193131	.1796188	4.035830

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	13.75127	10.03024	-.502886	.0105649	2.568007	3.388432	.1320052
Stddev	.05441	.02235	.001555	.0004296	.010672	.036435	.0020353
%RSD	.3956771	.2227922	.3092371	4.066065	.4155879	1.075283	1.541815

#1	13.69889	10.05603	-.502143	.0100810	2.562516	3.350623	.1303991
#2	13.80751	10.01660	-.501843	.0107123	2.561199	3.423317	.1313224
#3	13.74740	10.01810	-.504674	.0109014	2.580307	3.391356	.1342941

Sample Name: I4232-03 Acquired: 7/19/2017 19:52:29 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v72) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MET6E5 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	1.305686	.0571628	.2131717
Stddev	.006436	.0001556	.0009712
%RSD	.4929098	.2721675	.4556097

#1	1.299134	.0572244	.2120748
#2	1.305925	.0572781	.2139225
#3	1.311999	.0569858	.2135176

Int. Std.	Y_ 2243	Y_ 2243	Y_ 3600	Y_ 3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1261.170	1780.872	53185.36	7294.610	2828.499
Stddev	8.790	4.311	311.64	14.439	5.955
%RSD	.6969558	.2420855	.5859515	.1979466	.2105293

#1	1252.323	1775.896	52825.82	7297.527	2821.730
#2	1261.287	1783.229	53352.03	7278.934	2832.933
#3	1269.901	1783.491	53378.22	7307.368	2830.833

Sample Name: I4232-04 Acquired: 7/19/2017 19:56:31 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v72) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MET6E6 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0645861	-.010997	.4261564	-.015543	.0014606	71.94266	1.846431
Stddev	.0018356	.002625	.0035450	.003691	.0002199	.06600	.001963
%RSD	2.842144	23.87114	.8318643	23.74357	15.05569	.0917344	.1063214

#1	.0644322	-.008213	.4259038	-.011523	.0012067	72.01615	1.847969
#2	.0664938	-.013428	.4227444	-.016329	.0015824	71.92337	1.847104
#3	.0628323	-.011351	.4298209	-.018778	.0015927	71.88846	1.844220

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0050353	.0270301	32.51347	.1069482	.0744995	.2035237	136.4153
Stddev	.0001474	.0002421	.08192	.0021285	.0002639	.0023253	.2115
%RSD	2.927106	.8957657	.2519572	1.990171	.3542401	1.142509	.1550472

#1	.0050792	.0271733	32.56248	.1089305	.0747407	.2060524	136.4481
#2	.0048709	.0267505	32.41890	.1072152	.0742176	.2030412	136.1893
#3	.0051557	.0271664	32.55903	.1046988	.0745403	.2014776	136.6085

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.351580	24.53398	.1324810	.0001399	3.192961	.1779413	2.376710
Stddev	.004591	.07172	.0002715	.0002970	.059492	.0020707	.026555
%RSD	.0857870	.2923416	.2049097	212.2281	1.863219	1.163673	1.117289

#1	5.351622	24.48833	.1322953	.0000793	3.260593	.1795910	2.358083
#2	5.346968	24.61665	.1323553	.0004626	3.148717	.1786153	2.364929
#3	5.356149	24.49696	.1327926	-.000122	3.169574	.1756176	2.407116

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	16.52215	9.189076	-.277498	.0034716	1.313789	3.956640	.0299725
Stddev	.05026	.057192	.004547	.0008253	.014122	.038304	.0016867
%RSD	.3041843	.6223938	1.638425	23.77312	1.074942	.9680988	5.627323

#1	16.55136	9.241813	-.281803	.0036267	1.323953	3.998873	.0295832
#2	16.55097	9.128283	-.277948	.0025797	1.297663	3.924144	.0318198
#3	16.46412	9.197133	-.272743	.0042083	1.319751	3.946903	.0285146

Sample Name: I4232-04 Acquired: 7/19/2017 19:56:31 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v72) Mode: CONC Corr. Factor: 1.000000
 User: JASWAL Custom ID1: MET6E6 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	1.196979	.0615752	.2035270
Stddev	.003305	.0003147	.0004626
%RSD	.2761429	.5110496	.2273122

#1	1.199480	.0614881	.2037384
#2	1.198226	.0619242	.2029965
#3	1.193232	.0613132	.2038463

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1333.747	1845.981	55818.51	7511.164	2881.532
Stddev	6.332	13.739	298.10	29.196	16.492
%RSD	.4747750	.7442749	.5340462	.3887013	.5723387

#1	1339.361	1830.243	55488.46	7478.835	2862.718
#2	1334.998	1855.583	55898.90	7535.607	2893.492
#3	1326.883	1852.116	56068.17	7519.051	2888.385

Sample Name: I4232-05 Acquired: 7/19/2017 20:00:35 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v72) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MET6E7 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0870369	-.021949	1.707857	-.036380	.0052468	70.89143	1.796939
Stddev	.0007531	.001555	.007496	.001266	.0015301	.03442	.000579
%RSD	.8652768	7.085725	.4388935	3.478774	29.16317	.0485523	.0322219

#1	.0878911	-.020740	1.699453	-.037177	.0049229	70.91032	1.796622
#2	.0867511	-.021404	1.710267	-.037042	.0069130	70.85170	1.796587
#3	.0864686	-.023704	1.713851	-.034921	.0039045	70.91226	1.797607

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0063913	.0410029	461.4138	.2284039	.0768229	.4965157	226.1747
Stddev	.0002747	.0003860	5.6658	.0008014	.0004200	.0026600	2.1695
%RSD	4.298634	.9414641	1.227923	.3508722	.5467681	.5357348	.9592323

#1	.0063052	.0407045	455.7012	.2275959	.0765883	.4944639	223.9419
#2	.0061700	.0414388	461.5087	.2284173	.0773078	.4995211	226.3073
#3	.0066988	.0408652	467.0316	.2291985	.0765726	.4955621	228.2749

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	6.722260	73.94918	.2129380	-.000086	2.448391	.2146239	3.345207
Stddev	.069174	.37253	.0012345	.000185	.096145	.0078080	.031892
%RSD	1.029024	.5037658	.5797571	216.1712	3.926871	3.637986	.9533762

#1	6.650960	73.58409	.2116886	.000124	2.558886	.2070701	3.378679
#2	6.726728	73.93471	.2129684	-.000227	2.383815	.2141382	3.315173
#3	6.789091	74.32873	.2141570	-.000154	2.402471	.2226634	3.341770

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	14.53613	13.10308	-.462164	.0161161	5.681477	3.486222	.0409554
Stddev	.06003	.03908	.002371	.0004026	.022875	.025722	.0019306
%RSD	.4129690	.2982154	.5131267	2.497805	.4026320	.7378281	4.713991

#1	14.60465	13.06809	-.462554	.0156960	5.663312	3.471196	.0427009
#2	14.51096	13.14525	-.459622	.0164985	5.707167	3.515923	.0412834
#3	14.49278	13.09590	-.464316	.0161536	5.673950	3.471546	.0388817

Sample Name: I4232-05 Acquired: 7/19/2017 20:00:35 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v72) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MET6E7 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	1.267082	.0703063	.8204321
Stddev	.005842	.0004377	.0014133
%RSD	.4610270	.6226215	.1722576

#1	1.260346	.0707534	.8220438
#2	1.270149	.0702869	.8198477
#3	1.270752	.0698786	.8194048

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1210.456	1719.313	51437.66	7188.511	2566.529
Stddev	10.342	1.289	61.95	31.553	2.986
%RSD	.8544149	.0749687	.1204368	.4389407	.1163356

#1	1198.851	1720.137	51368.23	7219.041	2569.890
#2	1218.700	1719.974	51487.29	7190.467	2564.182
#3	1213.816	1717.828	51457.46	7156.025	2565.515

Sample Name: I4232-06 Acquired: 7/19/2017 20:04:38 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v72) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MET6E8 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0727144	-.016162	2.953275	-.028505	.0079361	58.89108	1.820206
Stddev	.0041489	.001907	.005963	.004972	.0004193	.07654	.002324
%RSD	5.705742	11.79923	.2019025	17.44294	5.283481	.1299620	.1276872

#1	.0737879	-.016577	2.958937	-.028009	.0083554	58.87420	1.822783
#2	.0762210	-.014082	2.947051	-.023800	.0075168	58.97465	1.819566
#3	.0681342	-.017827	2.953838	-.033707	.0079362	58.82440	1.818268

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0056895	.0407650	276.3005	.1908386	.0642174	.5482485	180.7910
Stddev	.0001162	.0002016	.5401	.0008302	.0003861	.0034372	.3165
%RSD	2.042538	.4946051	.1954712	.4350078	.6011917	.6269446	.1750802

#1	.0058111	.0406612	275.6777	.1898817	.0638836	.5460957	180.5725
#2	.0055796	.0406366	276.6407	.1912679	.0641285	.5522125	180.6465
#3	.0056777	.0409974	276.5829	.1913662	.0646402	.5464372	181.1540

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.683214	59.94266	.1820503	.0010697	2.412083	.1746233	4.419216
Stddev	.010399	.11150	.0005198	.0003062	.023475	.0037449	.045376
%RSD	.2220569	.1860063	.2855180	28.62149	.9732203	2.144562	1.026781

#1	4.671256	59.85739	.1815514	.0008868	2.402054	.1788085	4.369325
#2	4.690145	60.06884	.1820107	.0014232	2.438906	.1715886	4.458023
#3	4.688241	59.90176	.1825887	.0008992	2.395288	.1734730	4.430301

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	12.32215	24.16211	-.358409	.0155550	8.374163	2.392674	.0492410
Stddev	.02189	.16390	.003131	.0004577	.021389	.010036	.0026279
%RSD	.1776201	.6783322	.8736506	2.942702	.2554219	.4194388	5.336708

#1	12.31610	24.19619	-.360529	.0155104	8.372010	2.400784	.0464200
#2	12.34643	23.98385	-.359886	.0160335	8.353931	2.395788	.0516194
#3	12.30393	24.30629	-.354812	.0151212	8.396547	2.381451	.0496836

Sample Name: I4232-06 Acquired: 7/19/2017 20:04:38 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v72) Mode: CONC Corr. Factor: 1.000000
 User: JASWAL Custom ID1: MET6E8 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	1.154956	.0593524	.5101528
Stddev	.000765	.0004441	.0004686
%RSD	.0662731	.7482293	.0918530

#1	1.155156	.0592981	.5098985
#2	1.155601	.0598211	.5106936
#3	1.154110	.0589380	.5098664

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1210.986	1706.746	51818.27	7173.061	2676.969
Stddev	9.887	5.401	163.27	15.208	5.904
%RSD	.8164445	.3164465	.3150837	.2120120	.2205492

#1	1213.597	1712.569	51770.66	7185.654	2681.249
#2	1200.055	1705.767	51684.09	7156.165	2679.425
#3	1219.305	1701.901	52000.05	7177.363	2670.234

Sample Name: I4232-07 Acquired: 7/19/2017 20:08:39 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v72) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MET6E9 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0770644	-.014208	2.125655	-.019168	.0050893	73.24076	2.014111
Stddev	.0036729	.001498	.010107	.005043	.0013213	.18928	.006667
%RSD	4.765957	10.54303	.4754731	26.30876	25.96198	.2584325	.3310246

#1	.0779839	-.013306	2.123098	-.024378	.0035968	73.43659	2.021216
#2	.0801901	-.013381	2.117071	-.018813	.0061096	73.22691	2.007991
#3	.0730191	-.015937	2.136794	-.014311	.0055615	73.05880	2.013128

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0055800	.0483185	92.29939	.1977483	.0700287	.4146803	160.9078
Stddev	.0000779	.0002753	.44468	.0010344	.0004308	.0018399	.4798
%RSD	1.395612	.5697738	.4817845	.5230971	.6151622	.4436849	.2981852

#1	.0056519	.0481135	91.88790	.1988590	.0695313	.4166922	160.6770
#2	.0055908	.0486314	92.77112	.1968125	.0702809	.4130833	161.4594
#3	.0054973	.0482107	92.23916	.1975734	.0702738	.4142655	160.5871

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.454766	31.96327	.1498527	.0009695	1.854716	.1862349	3.799037
Stddev	.004173	.25779	.0004967	.0001196	.090115	.0020548	.024831
%RSD	.0936838	.8065116	.3314419	12.33362	4.858713	1.103316	.6536188

#1	4.450024	31.87863	.1498842	.0010782	1.822263	.1874229	3.802547
#2	4.456395	32.25274	.1493411	.0009889	1.785322	.1838623	3.821927
#3	4.457879	31.75845	.1503329	.0008414	1.956563	.1874196	3.772638

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	16.65329	11.79391	-.327308	.0075844	2.741711	4.515319	.0426093
Stddev	.07098	.10024	.002000	.0006516	.028408	.060052	.0008810
%RSD	.4262407	.8498949	.6110479	8.591429	1.036145	1.329969	2.067583

#1	16.69590	11.68975	-.325514	.0069924	2.712769	4.456239	.0416836
#2	16.69262	11.80228	-.329464	.0074783	2.742809	4.513420	.0434374
#3	16.57134	11.88969	-.326945	.0082825	2.769554	4.576298	.0427068

Sample Name: I4232-07 Acquired: 7/19/2017 20:08:39 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v72) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MET6E9 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	1.079634	.0649038	.3053003
Stddev	.002044	.0002787	.0006246
%RSD	.1893053	.4293423	.2045718

#1	1.081942	.0646700	.3056246
#2	1.078910	.0648293	.3056960
#3	1.078051	.0652121	.3045803

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1283.071	1802.115	54198.26	7423.069	2813.404
Stddev	4.475	2.399	167.11	28.146	9.673
%RSD	.3487794	.1330955	.3083401	.3791716	.3438105

#1	1281.032	1803.566	54017.72	7427.725	2818.616
#2	1279.979	1803.433	54229.52	7392.885	2819.353
#3	1288.203	1799.347	54347.54	7448.596	2802.243

Sample Name: CCV002 Acquired: 7/19/2017 20:12:42 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v72) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: CCV002 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.244707	4.919202	25.06778	5.145667	5.210690	404.2514
Stddev	.055250	.062503	.35278	.075757	.055192	1.1959
%RSD	1.053438	1.270601	1.407322	1.472247	1.059201	.2958307

#1	5.207722	4.891275	24.95130	5.128848	5.200338	402.9227
#2	5.218181	4.875532	24.78796	5.079733	5.161407	405.2414
#3	5.308217	4.990800	25.46407	5.228420	5.270324	404.5900

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	10.39688	.4903726	2.487081	398.1614	14.97219	2.579229
Stddev	.06111	.0013344	.036841	1.3303	.04790	.035652
%RSD	.5877757	.2721285	1.481292	.3341178	.3199063	1.382263

#1	10.46718	.4917754	2.471853	399.4647	14.96012	2.567116
#2	10.36697	.4902233	2.460295	396.8056	14.93148	2.551213
#3	10.35648	.4891191	2.529095	398.2138	15.02497	2.619359

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	15.60790	394.1105	14.68640	402.4567	2.510933	1.341784
Stddev	.07134	1.0596	.06047	.4739	.037864	.003716
%RSD	.4570650	.2688602	.4117354	.1177458	1.507961	.2769361

#1	15.53316	395.2483	14.74925	402.9110	2.500949	1.345637
#2	15.67527	393.1520	14.62863	401.9654	2.479061	1.338222
#3	15.61527	393.9312	14.68133	402.4936	2.552788	1.341495

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	407.1693	2.494096	15.37030	156.4249	5.452355	F 4.261588
Stddev	1.0002	.010471	.01238	.6716	.064768	.011931
%RSD	.2456581	.4198248	.0805700	.4293746	1.187884	.2799716

#1	406.0945	2.505054	15.38387	155.7986	5.406828	4.274910
#2	408.0729	2.484193	15.36742	157.1342	5.423735	4.257966
#3	407.3404	2.493041	15.35960	156.3418	5.526503	4.251888

Sample Name: CCV002 Acquired: 7/19/2017 20:12:42 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v72) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: CCV002 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.136536	5.304370	4.868987	4.950998	5.041064	5.351183
Stddev	.056501	.080767	.010533	.072964	.003497	.039386
%RSD	1.099989	1.522653	.2163347	1.473715	.0693683	.7360179

#1	5.114727	5.241331	4.879345	4.925177	5.044758	5.311453
#2	5.094190	5.276367	4.858287	4.894456	5.040627	5.390215
#3	5.200692	5.395412	4.869329	5.033361	5.037805	5.351881

Elem	Sr4077
Units	ppm
Avg	5.299363
Stddev	.044487
%RSD	.8394803

#1	5.336492
#2	5.311541
#3	5.250055

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1043.077	1496.649	44141.04	6348.532	2279.617
Stddev	1.593	11.985	131.43	22.903	23.400
%RSD	.1526959	.8008095	.2977477	.3607647	1.026468

#1	1041.351	1496.363	43999.25	6322.662	2281.038
#2	1044.489	1508.775	44258.79	6356.711	2302.274
#3	1043.390	1484.809	44165.07	6366.223	2255.540

Sample Name: CCB002 Acquired: 7/19/2017 20:16:49 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v72) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: CCB002 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.002186	.0013061	-.001228	.0033931	-.000109	.0040462	-.000282
Stddev	.002100	.0007015	.000079	.0031967	.001796	.0007305	.000048
%RSD	96.07370	53.71018	6.416384	94.21353	1651.639	18.05452	16.95836

#1	-.004608	.0019033	-.001199	.0024808	-.001213	.0048891	-.000228
#2	-.001100	.0014815	-.001167	.0007516	-.001076	.0036530	-.000318
#3	-.000851	.0005336	-.001317	.0069468	.001963	.0035965	-.000300

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0000141	.0000125	-.006290	-.001328	-.000239	.0017697	.0111529
Stddev	.0001452	.0001633	.003202	.000711	.000136	.0007238	.0154739
%RSD	1030.458	1303.010	50.91503	53.54460	56.76722	40.90165	138.7430

#1	-.000055	.0001925	-.008665	-.001782	-.000395	.0010097	-.006580
#2	.000181	-.000126	-.007557	-.000509	-.000168	.0024509	.021919
#3	-.000083	-.000029	-.002648	-.001695	-.000154	.0018486	.018119

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000303	.0078053	-.000309	.0003672	-.102103	-.001070	-.003308
Stddev	.000058	.0261142	.000297	.0001236	.051986	.003025	.006373
%RSD	19.18192	334.5684	96.09091	33.65111	50.91545	282.7438	192.6325

#1	-.000286	.0140276	-.000390	.0002447	-.117968	.001915	-.000755
#2	-.000256	.0302464	.000020	.0004918	-.044033	-.004134	-.010562
#3	-.000368	-.020858	-.000558	.0003650	-.144308	-.000990	.001392

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.010963	-.001923	.0048479	.0009504	-.079741	-.000481	-.000154
Stddev	.027496	.001582	.0006117	.0002770	.002709	.000127	.000734
%RSD	250.8000	82.28371	12.61722	29.14182	3.397139	26.42619	475.5922

#1	-.039157	-.002175	.0043593	.0006880	-.077035	-.000525	-.001002
#2	-.009511	-.000230	.0055339	.0009233	-.082452	-.000580	.000289
#3	.015778	-.003364	.0046506	.0012399	-.079734	-.000338	.000249

Sample Name: CCB002 Acquired: 7/19/2017 20:16:49 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v72) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: CCB002 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	-.000621	-.000455	.0000413
Stddev	.000659	.000258	.0000176
%RSD	106.0520	56.58858	42.44505

#1	-.000858	-.000752	.0000359
#2	-.001129	-.000322	.0000610
#3	.000123	-.000291	.0000272

Int. Std.	Y_ 2243	Y_ 2243	Y_ 3600	Y_ 3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1303.609	1803.080	53028.89	6933.138	3119.384
Stddev	8.075	5.450	127.00	22.567	12.318
%RSD	.6194197	.3022811	.2394936	.3254892	.3948984

#1	1304.074	1797.404	52945.48	6910.849	3106.885
#2	1295.312	1803.563	52966.15	6932.592	3119.754
#3	1311.441	1808.272	53175.06	6955.972	3131.513