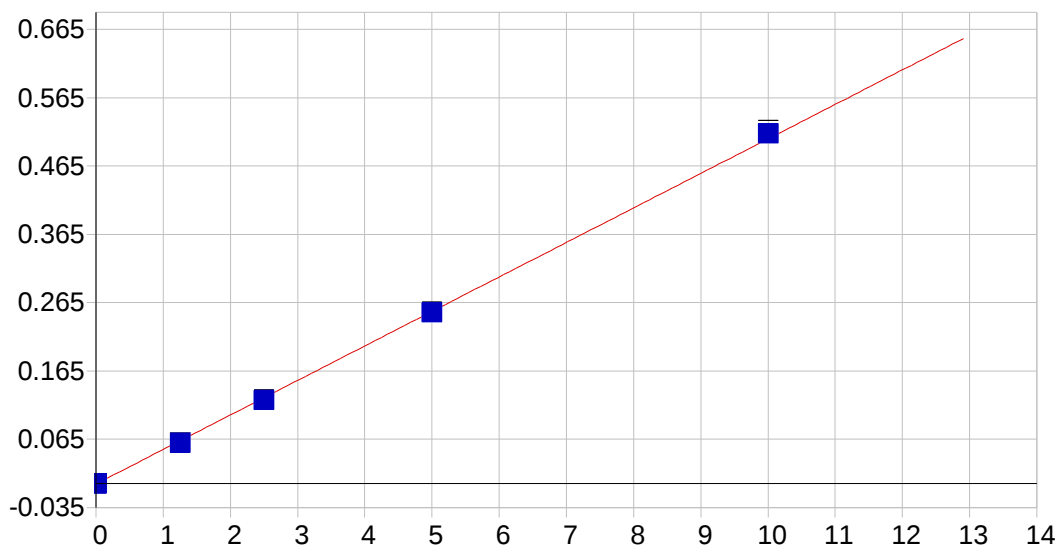




As 189.042 {479}

Date of Fit: 7/20/2017 11:14:06

Type of Fit: Linear

Weighting: 1/Conc

A0 (Offset): -0.000354

Re-Slope: 1.000000

A1 (Gain): 0.050506

Y-int: 0.000000

A2 (Curvature): 0.000000

n (Exponent): 1.000000

Correlation: 0.999801

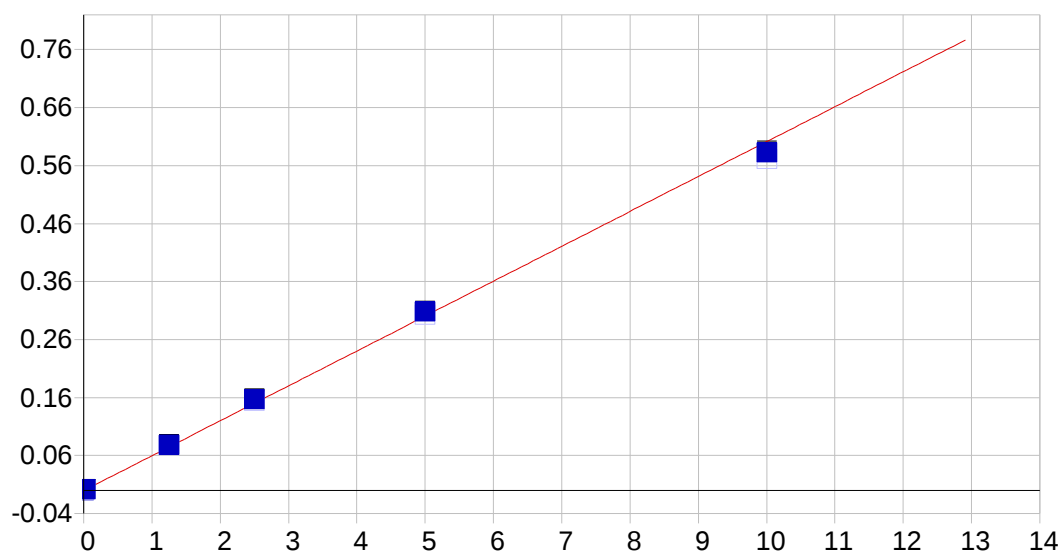
Status: OK.

Std Error of Est: 0.000017

Predicted MDL: 0.003602

Predicted MQL: 0.012007

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	-.00035	.000	1
S1	.01000	.00720	-.003	-28.0	.00001	.000	1
S2	1.2500	1.1950	-.055	-4.40	.05998	.000	1
S3	2.5000	2.4363	-.064	-2.55	.12266	.001	1
S4	5.0000	4.9662	-.034	-.676	.25040	.001	1
S5	10.000	10.155	.155	1.55	.51241	.005	1



TI 190.856 {477}

Date of Fit: 7/20/2017 11:14:06

Type of Fit: Linear

Weighting: 1/Conc

A0 (Offset): -0.000481

Re-Slope: 1.000000

A1 (Gain): 0.060187

Y-int: 0.000000

A2 (Curvature): 0.000000

n (Exponent): 1.000000

Correlation: 0.999380

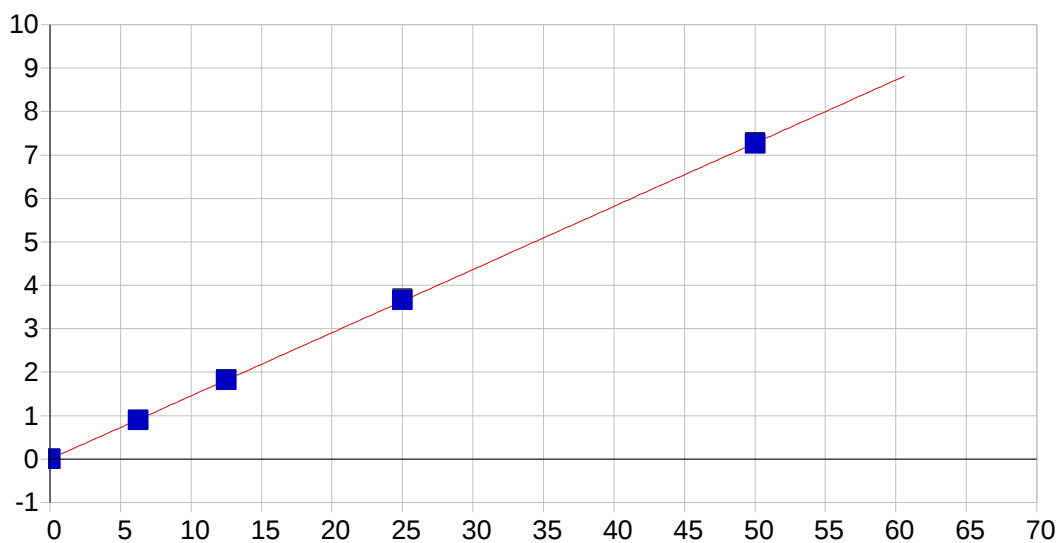
Status: OK.

Std Error of Est: 0.000055

Predicted MDL: 0.002054

Predicted MQL: 0.006846

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00001	.000	.000	-.00048	.000	1
S1	.02500	.02879	.004	15.2	.00112	.000	1
S2	1.2500	1.3139	.064	5.11	.07723	.000	1
S3	2.5000	2.6181	.118	4.72	.15436	.000	1
S4	5.0000	5.1274	.127	2.55	.30265	.001	1
S5	10.000	9.6871	-.313	-3.13	.57162	.002	1

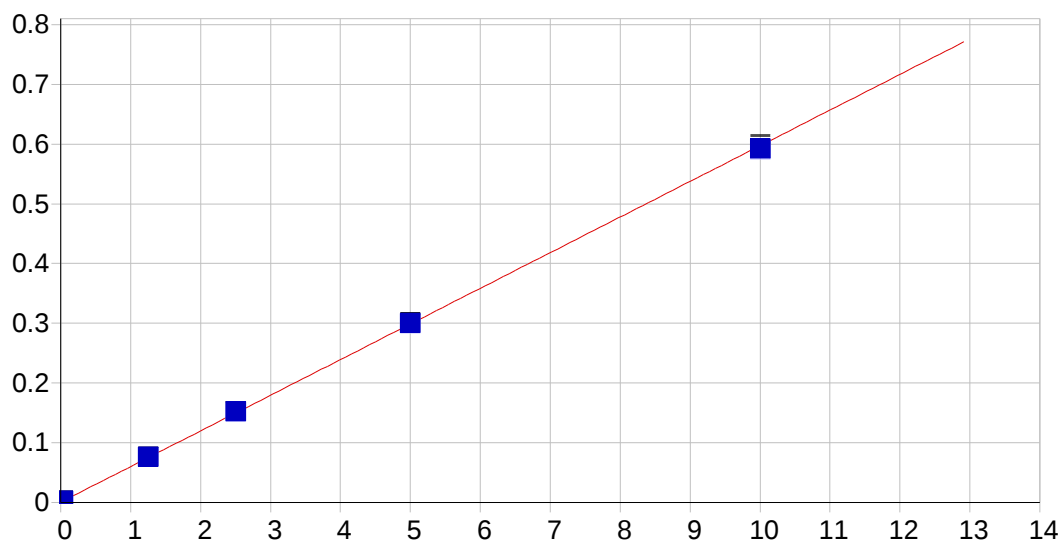


Pb 220.353 {453}

Date of Fit: 7/20/2017 11:14:06 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.000024 Re-Slope: 1.000000
 A1 (Gain): 0.145440 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999983 Status: OK.
 Std Error of Est: 0.000032
 Predicted MDL: 0.001701
 Predicted MQL: 0.005670

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	-.00002	.000	1
S1	.01000	.00959	.000	-4.14	.00137	.000	1
S2	6.2500	6.1462	-.104	-1.66	.89414	.001	1
S3	12.500	12.507	.007	.054	1.8195	.004	1
S4	25.000	25.185	.185	.741	3.6640	.019	1
S5	50.000	49.912	-.088	-.175	7.2614	.017	1

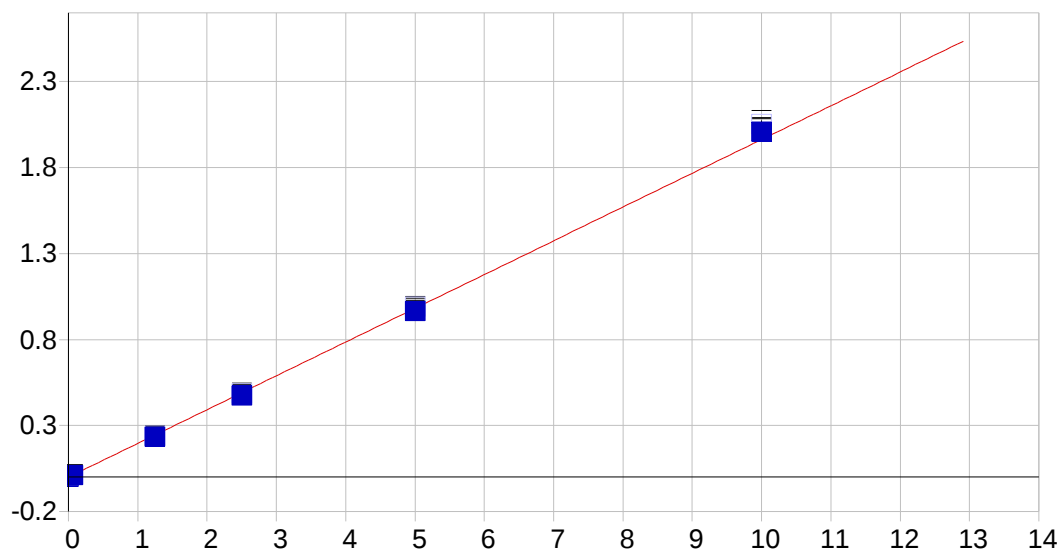


Se 196.090 {472}

Date of Fit: 7/20/2017 11:14:06 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.000479 Re-Slope: 1.000000
 A1 (Gain): 0.059681 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999960 Status: OK.
 Std Error of Est: 0.000017
 Predicted MDL: 0.003271
 Predicted MQL: 0.010903

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	.00048	.000	1
S1	.03500	.03511	.000	.322	.00257	.000	1
S2	1.2500	1.2671	.017	1.37	.07582	.000	1
S3	2.5000	2.5390	.039	1.56	.15146	.001	1
S4	5.0000	5.0193	.019	.386	.29893	.001	1
S5	10.000	9.9245	-.076	-.755	.59057	.006	1

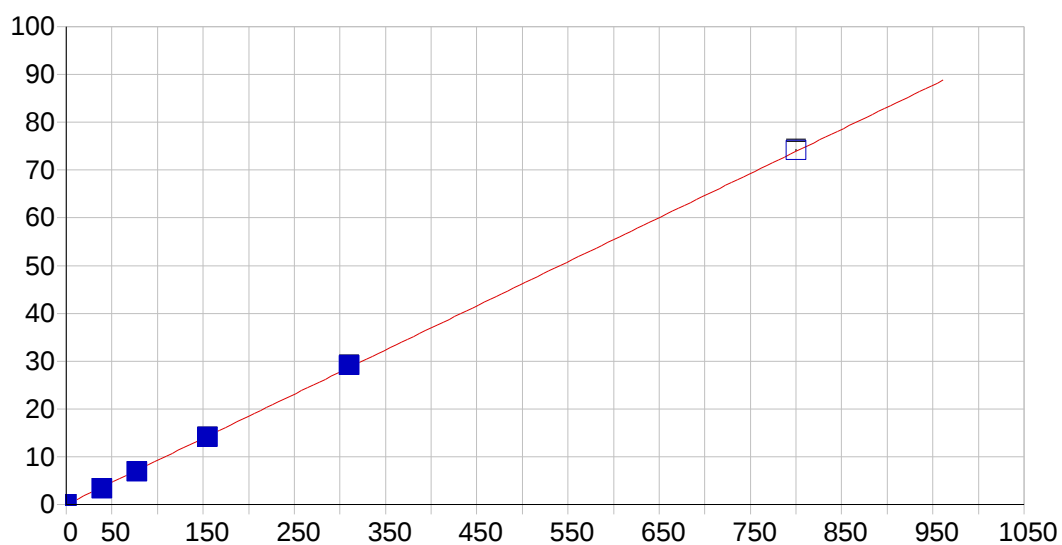


Sb 206.833 {463}

Date of Fit: 7/20/2017 11:14:06 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.000113 Re-Slope: 1.000000
 A1 (Gain): 0.196320 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999707 Status: OK.
 Std Error of Est: 0.000200
 Predicted MDL: 0.001372
 Predicted MQL: 0.004574

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	-.00011	.000	1
S1	.06000	.06130	.001	2.17	.01192	.000	1
S2	1.2500	1.1942	-.056	-4.46	.24023	.001	1
S3	2.5000	2.4172	-.083	-3.31	.48624	.004	1
S4	5.0000	4.9162	-.084	-1.68	.98863	.005	1
S5	10.000	10.221	.221	2.21	2.0537	.019	1

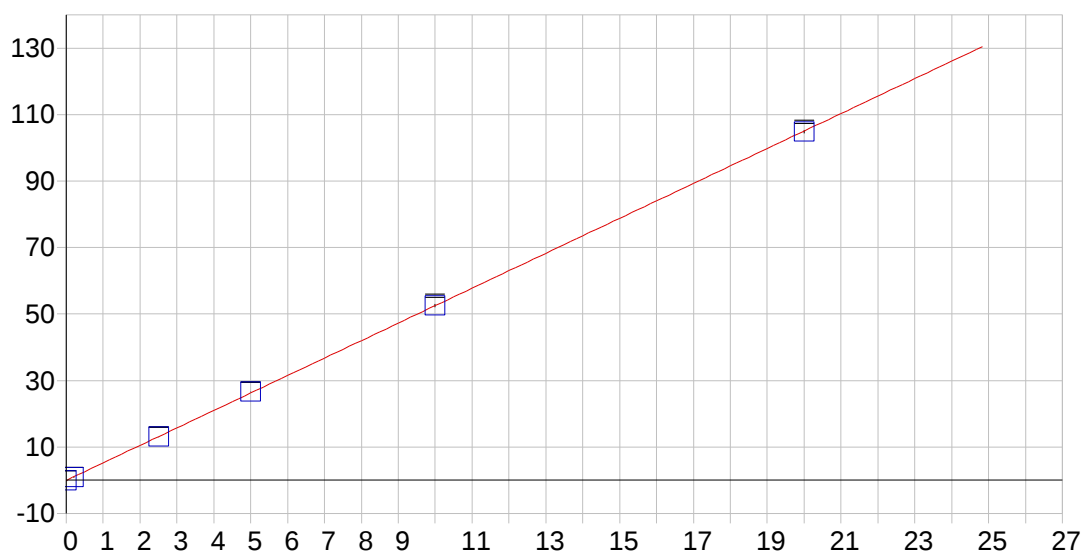


AI 396.152 { 85}

Date of Fit: 7/20/2017 11:14:06 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.000388 Re-Slope: 1.000000
 A1 (Gain): 0.092372 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999842 Status: OK.
 Std Error of Est: 0.001020
 Predicted MDL: 0.005115
 Predicted MQL: 0.017050

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00003	.000	.000	.00039	.000	1
S1	.20000	.19168	-.008	-4.16	.01813	.000	1
S2	38.750	36.494	-2.26	-5.82	3.3757	.011	1
S3	77.500	74.097	-3.40	-4.39	6.8535	.014	1
S4	155.00	152.25	-2.75	-1.77	14.082	.063	1
S5	310.00	315.43	5.43	1.75	29.172	.031	1
S6	800.00	802.98	2.98	.373	74.174	.198	1



Ba 493.409 { 68}

Date of Fit: 7/20/2017 11:14:06

Type of Fit: Linear

Weighting: 1/Conc

A0 (Offset): -0.019769

Re-Slope: 1.000000

A1 (Gain): 5.253681

Y-int: 0.000000

A2 (Curvature): 0.000000

n (Exponent): 1.000000

Correlation: 0.999966

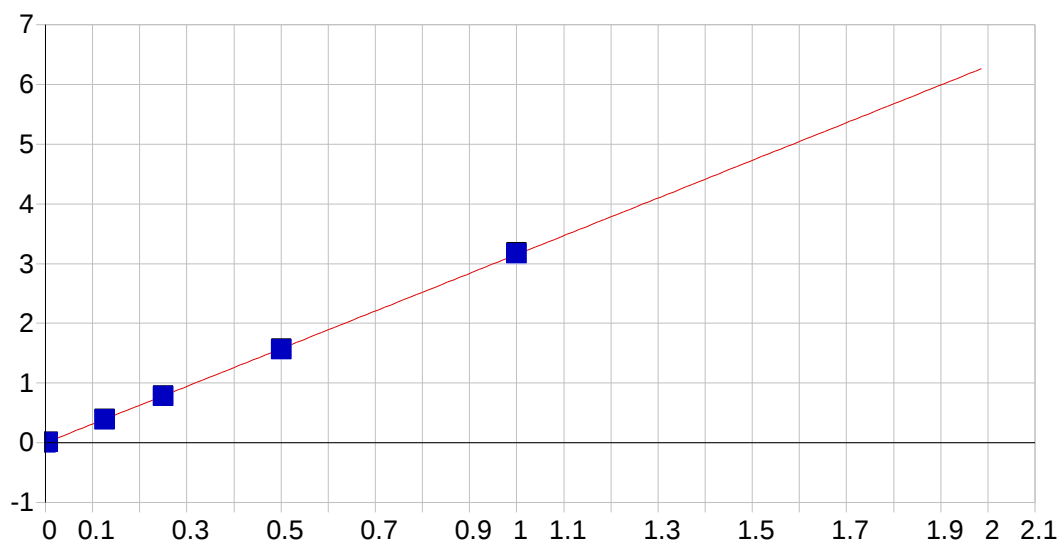
Status: OK.

Std Error of Est: 0.004585

Predicted MDL: 0.000213

Predicted MQL: 0.000710

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00002	.000	.000	-.01968	.000	1
S1	.20000	.18154	-.018	-9.23	.93396	.002	1
S2	2.5000	2.4904	-.010	-.384	13.064	.066	1
S3	5.0000	5.0592	.059	1.18	26.560	.058	1
S4	10.000	10.011	.011	.106	52.573	.445	1
S5	20.000	19.958	-.042	-.209	104.83	.511	1



Be 234.861 {144}

Date of Fit: 7/20/2017 11:14:06

Type of Fit: Linear

Weighting: 1/Conc

A0 (Offset): -0.001801

Re-Slope: 1.000000

A1 (Gain): 3.153398

Y-int: 0.000000

A2 (Curvature): 0.000000

n (Exponent): 1.000000

Correlation: 0.999987

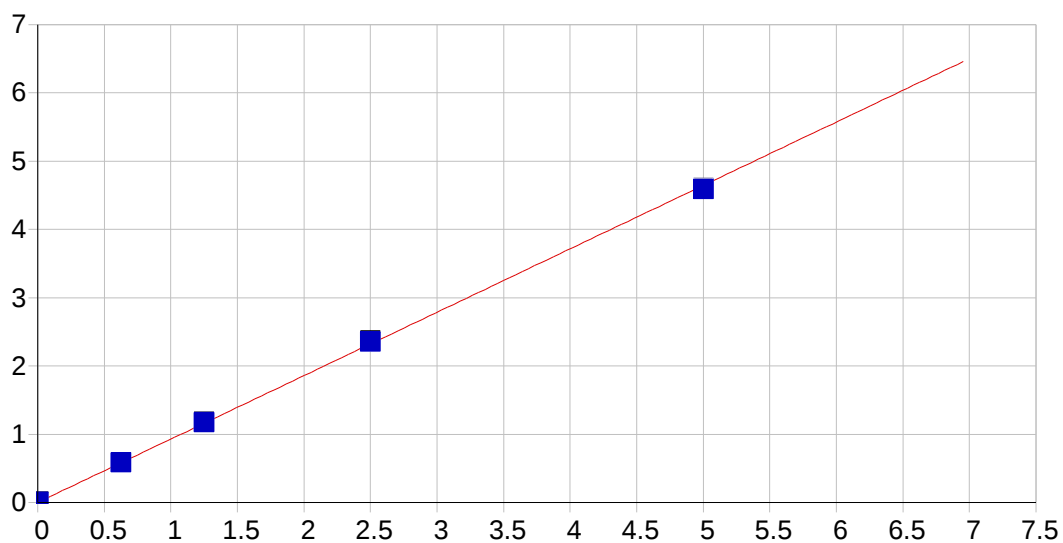
Status: OK.

Std Error of Est: 0.000060

Predicted MDL: 0.000082

Predicted MQL: 0.000274

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	-.00180	.000	1
S1	.00500	.00482	.000	-3.63	.01338	.000	1
S2	.12500	.12417	-.001	-.667	.38842	.004	1
S3	.25000	.24934	-.001	-.265	.78181	.003	1
S4	.50000	.49731	-.003	-.539	1.5611	.009	1
S5	1.0000	1.0044	.004	.437	3.1548	.027	1



Cd 214.438 {457}

Date of Fit: 7/20/2017 11:14:06

Type of Fit: Linear

Weighting: 1/Conc

A0 (Offset): 0.000099

Re-Slope: 1.000000

A1 (Gain): 0.928987

Y-int: 0.000000

A2 (Curvature): 0.000000

n (Exponent): 1.000000

Correlation: 0.999924

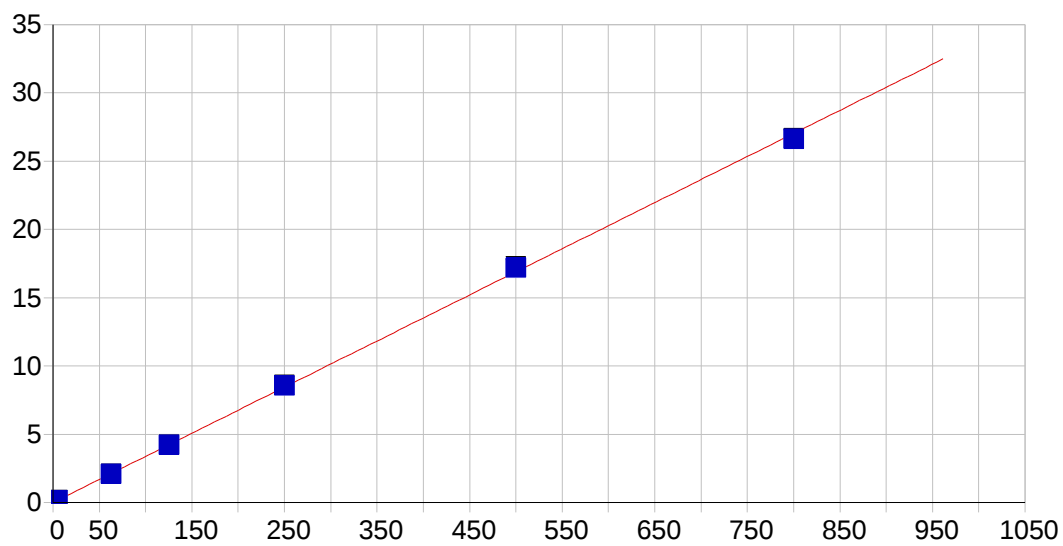
Status: OK.

Std Error of Est: 0.000096

Predicted MDL: 0.000171

Predicted MQL: 0.000571

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	.00010	.000	1
S1	.00500	.00561	.001	12.1	.00531	.000	1
S2	.62500	.63246	.007	1.19	.58901	.001	1
S3	1.2500	1.2656	.016	1.25	1.1786	.002	1
S4	2.5000	2.5330	.033	1.32	2.3587	.011	1
S5	5.0000	4.9433	-.057	-1.13	4.6032	.004	1



Ca 373.690 { 90}

Date of Fit: 7/20/2017 11:14:06

Type of Fit: Linear

Weighting: 1/Conc

A0 (Offset): 0.000757

Re-Slope: 1.000000

A1 (Gain): 0.033792

Y-int: 0.000000

A2 (Curvature): 0.000000

n (Exponent): 1.000000

Correlation: 0.999892

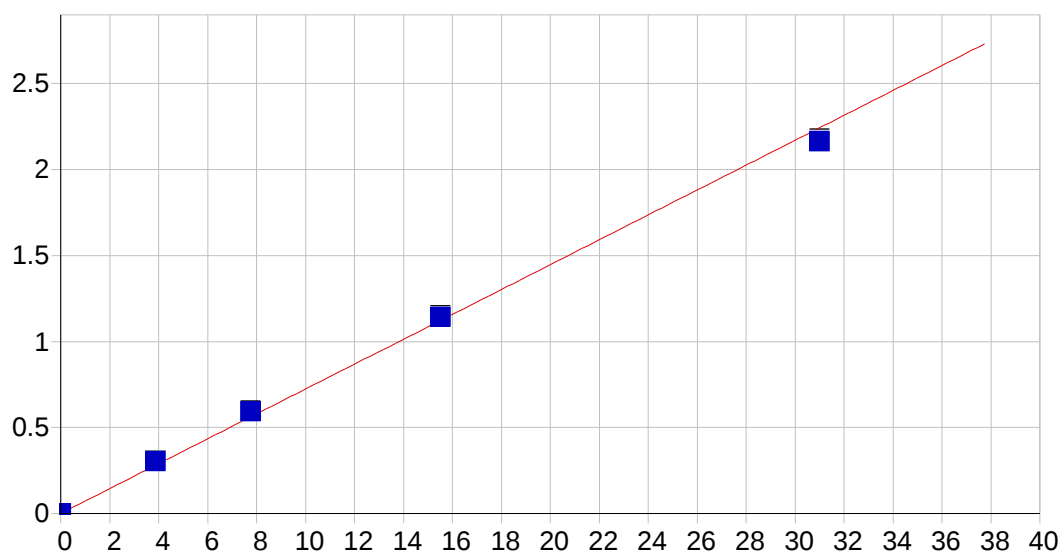
Status: OK.

Std Error of Est: 0.001730

Predicted MDL: 0.011707

Predicted MQL: 0.039024

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	.00076	.000	1
S1	5.0000	4.9853	-.015	-.294	.16921	.000	1
S2	62.500	61.651	-.849	-1.36	2.0815	.016	1
S3	125.00	124.93	-.065	-.052	4.2174	.021	1
S4	250.00	253.69	3.69	1.48	8.5631	.036	1
S5	500.00	508.59	8.59	1.72	17.166	.093	1
S6	800.00	788.64	-11.4	-1.42	26.596	.038	1

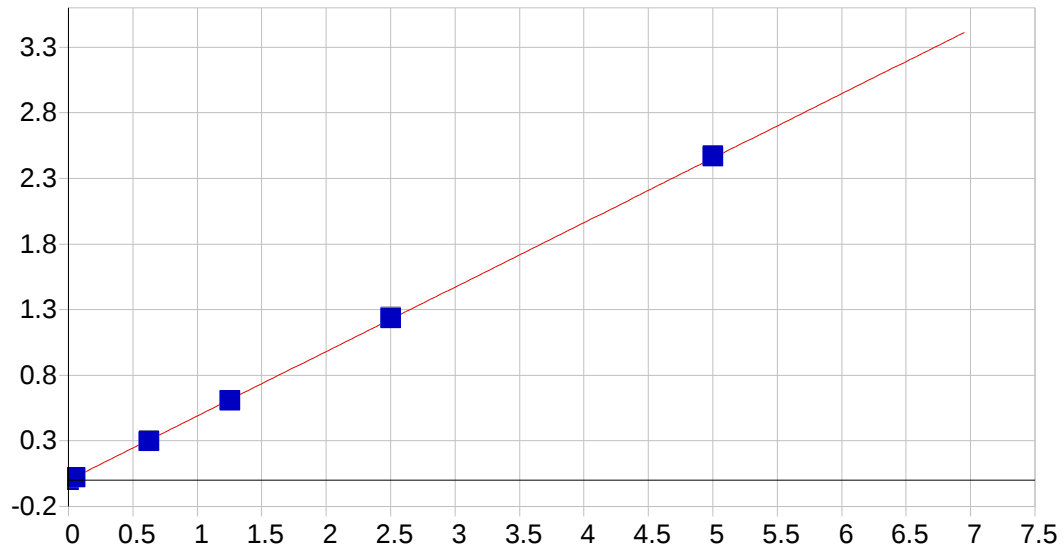


Cr 267.716 {126}

Date of Fit: 7/20/2017 11:14:06 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.000063 Re-Slope: 1.000000
 A1 (Gain): 0.072347 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999144 Status: OK.
 Std Error of Est: 0.000089
 Predicted MDL: 0.000550
 Predicted MQL: 0.001834

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	.00006	.000	1
S1	.01000	.01144	.001	14.4	.00090	.000	1
S2	3.8750	4.2099	.335	8.64	.30536	.002	1
S3	7.7500	8.2024	.452	5.84	.59493	.002	1
S4	15.500	15.805	.305	1.97	1.1464	.004	1
S5	31.000	29.906	-1.09	-3.53	2.1695	.009	1

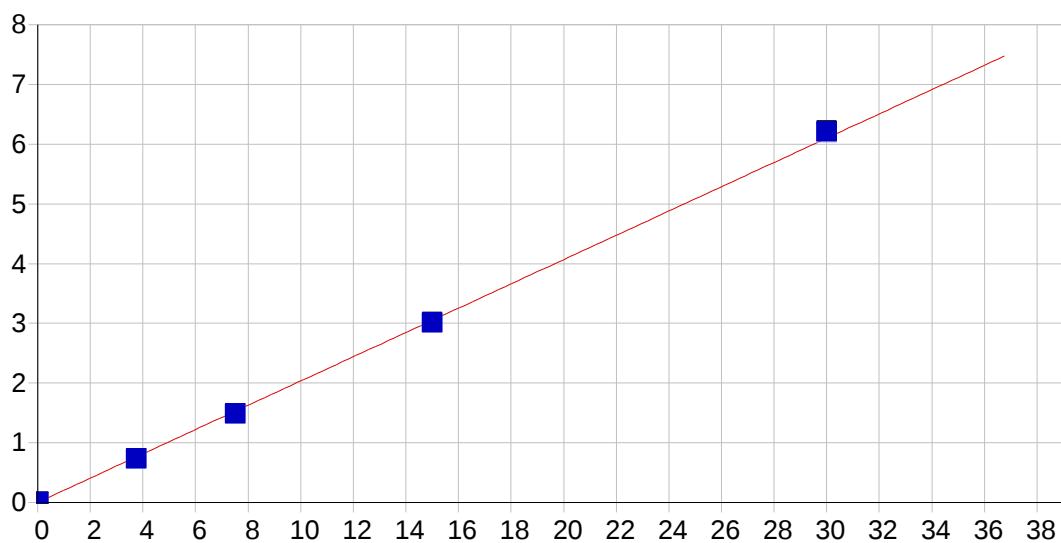


Co 228.616 {448}

Date of Fit: 7/20/2017 11:14:06 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.000297 Re-Slope: 1.000000
 A1 (Gain): 0.490897 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999903 Status: OK.
 Std Error of Est: 0.000182
 Predicted MDL: 0.000298
 Predicted MQL: 0.000994

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00001	.000	.000	-.00029	.000	1
S1	.05000	.04345	-.007	-13.1	.02112	.000	1
S2	.62500	.60668	-.018	-2.93	.29816	.000	1
S3	1.2500	1.2338	-.016	-1.30	.60665	.002	1
S4	2.5000	2.5156	.016	.624	1.2372	.007	1
S5	5.0000	5.0255	.025	.509	2.4718	.005	1



Cu 324.754 {104}

Date of Fit: 7/20/2017 11:14:06

Type of Fit: Linear

Weighting: 1/Conc

A0 (Offset): 0.001237

Re-Slope: 1.000000

A1 (Gain): 0.203282

Y-int: 0.000000

A2 (Curvature): 0.000000

n (Exponent): 1.000000

Correlation: 0.999784

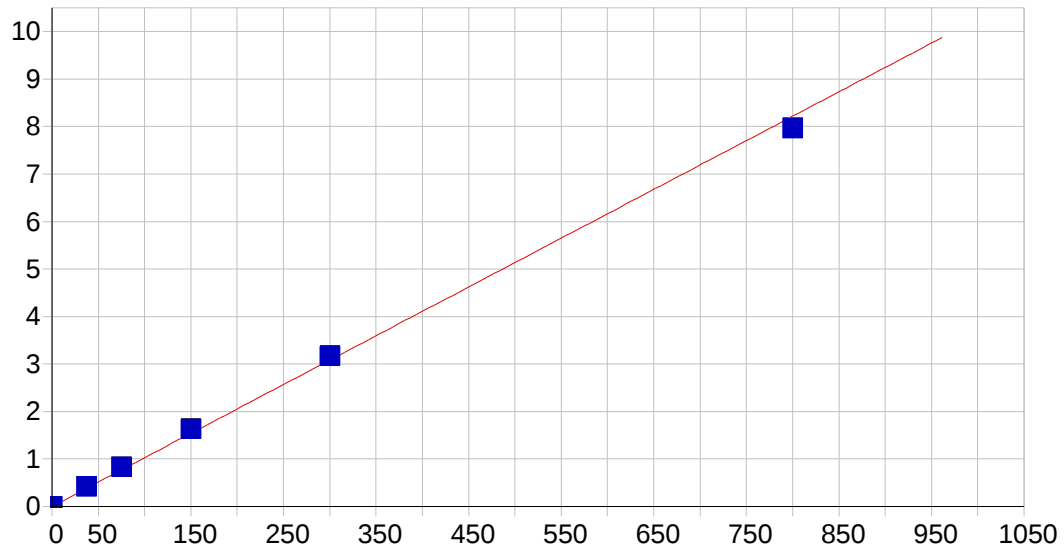
Status: OK.

Std Error of Est: 0.000193

Predicted MDL: 0.001265

Predicted MQL: 0.004218

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	.00124	.000	1
S1	.02500	.02404	-.001	-3.85	.00609	.000	1
S2	3.7500	3.5903	-.160	-4.26	.72891	.002	1
S3	7.5000	7.3025	-.197	-2.63	1.4814	.005	1
S4	15.000	14.815	-.185	-1.23	3.0042	.010	1
S5	30.000	30.543	.543	1.81	6.1926	.018	1

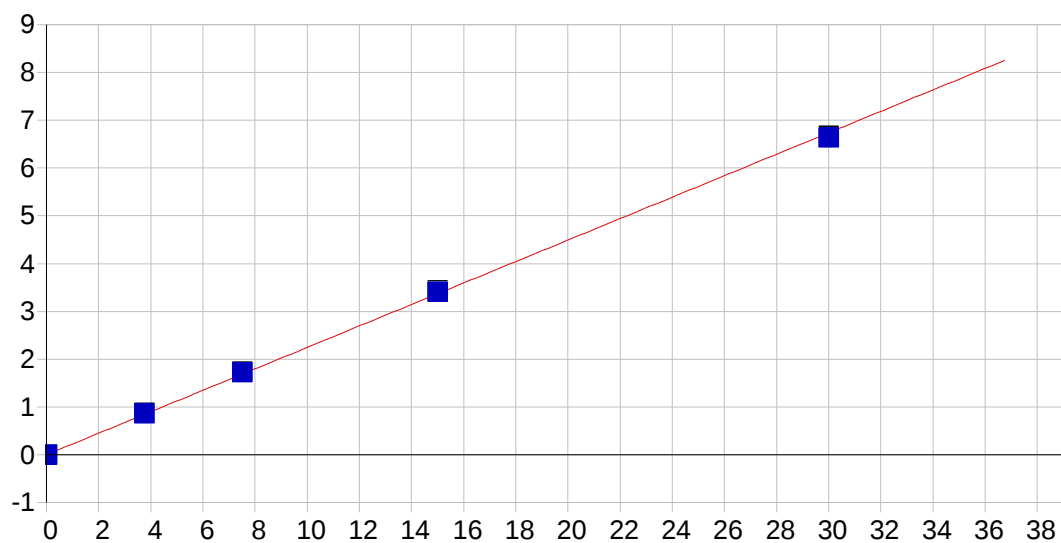


Fe 259.837 {130}

Date of Fit: 7/20/2017 11:14:06 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.000129 Re-Slope: 1.000000
 A1 (Gain): 0.010272 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999243 Status: OK.
 Std Error of Est: 0.000175
 Predicted MDL: 0.012671
 Predicted MQL: 0.042237

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00003	.000	.000	.00013	.000	1
S1	.10000	.11071	.011	10.7	.00127	.000	1
S2	37.500	40.452	2.95	7.87	.41610	.002	1
S3	75.000	80.399	5.40	7.20	.82689	.003	1
S4	150.00	158.41	8.41	5.61	1.6291	.006	1
S5	300.00	307.94	7.94	2.65	3.1669	.008	1
S6	800.00	775.27	-24.7	-3.09	7.9677	.009	1



Mn 257.610 {131}

Date of Fit: 7/20/2017 11:14:06

Type of Fit: Linear

Weighting: 1/Conc

A0 (Offset): -0.000002

Re-Slope: 1.000000

A1 (Gain): 0.224589

Y-int: 0.000000

A2 (Curvature): 0.000000

n (Exponent): 1.000000

Correlation: 0.999858

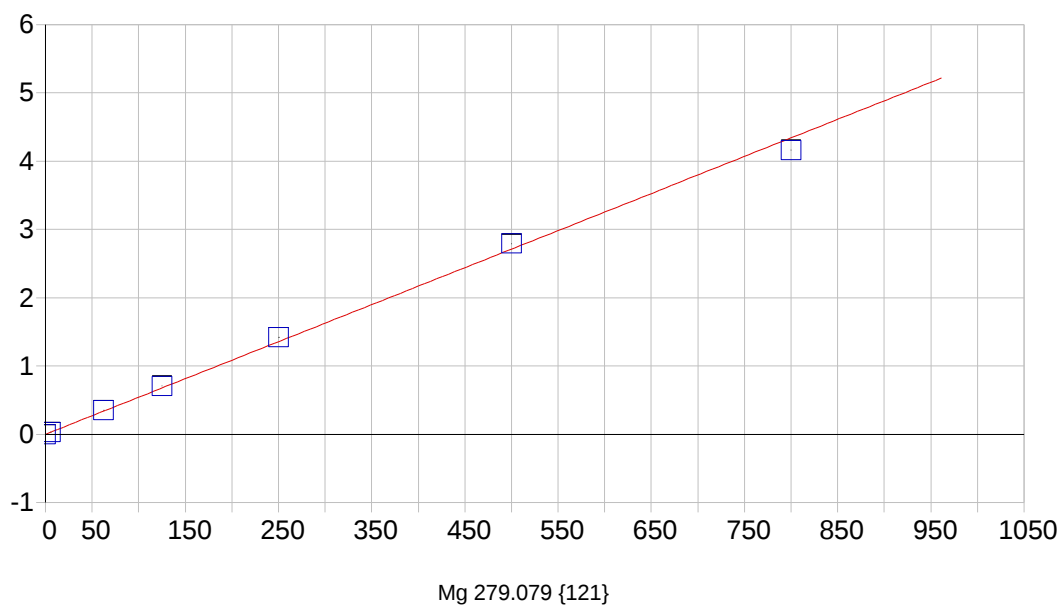
Status: OK.

Std Error of Est: 0.000135

Predicted MDL: 0.000652

Predicted MQL: 0.002174

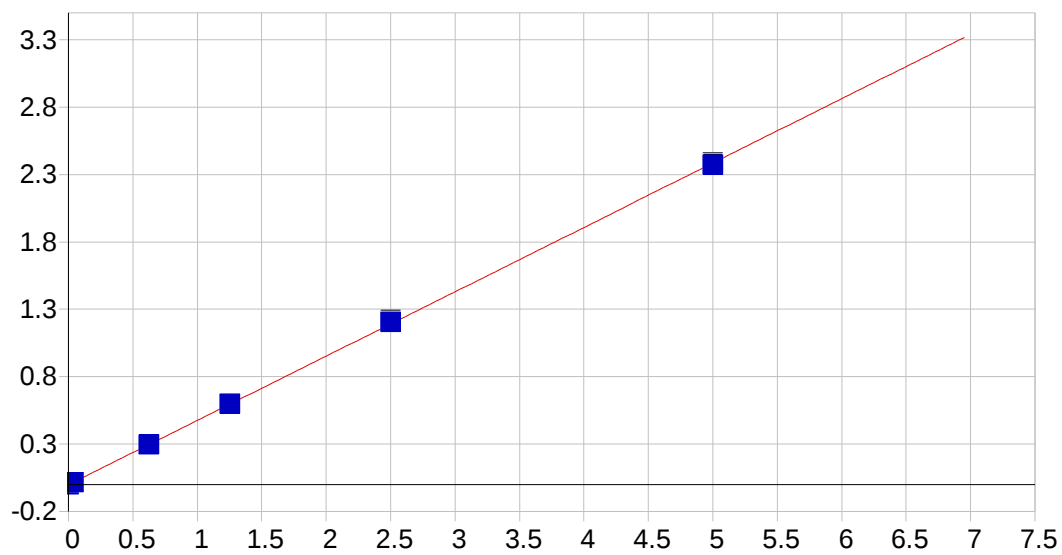
Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	.00000	.000	1
S1	.01500	.01588	.001	5.87	.00357	.000	1
S2	3.7500	3.8472	.097	2.59	.86422	.003	1
S3	7.5000	7.6753	.175	2.34	1.7242	.008	1
S4	15.000	15.187	.187	1.24	3.4115	.015	1
S5	30.000	29.540	-.460	-1.53	6.6358	.030	1



Date of Fit: 7/20/2017 11:14:06 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.000070 Re-Slope: 1.000000
 A1 (Gain): 0.005426 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999252 Status: OK.
 Std Error of Est: 0.000733
 Predicted MDL: 0.031499
 Predicted MQL: 0.104996

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00073	-.001	.000	-.00007	.000	1
S1	5.0000	5.1999	.200	4.00	.02814	.000	1
S2	62.500	64.415	1.91	3.06	.34944	.002	1
S3	125.00	130.28	5.28	4.22	.70682	.002	1
S4	250.00	261.60	11.6	4.64	1.4193	.003	1
S5	500.00	514.22	14.2	2.84	2.7900	.005	1
S6	800.00	766.79	-33.2	-4.15	4.1604	.003	1

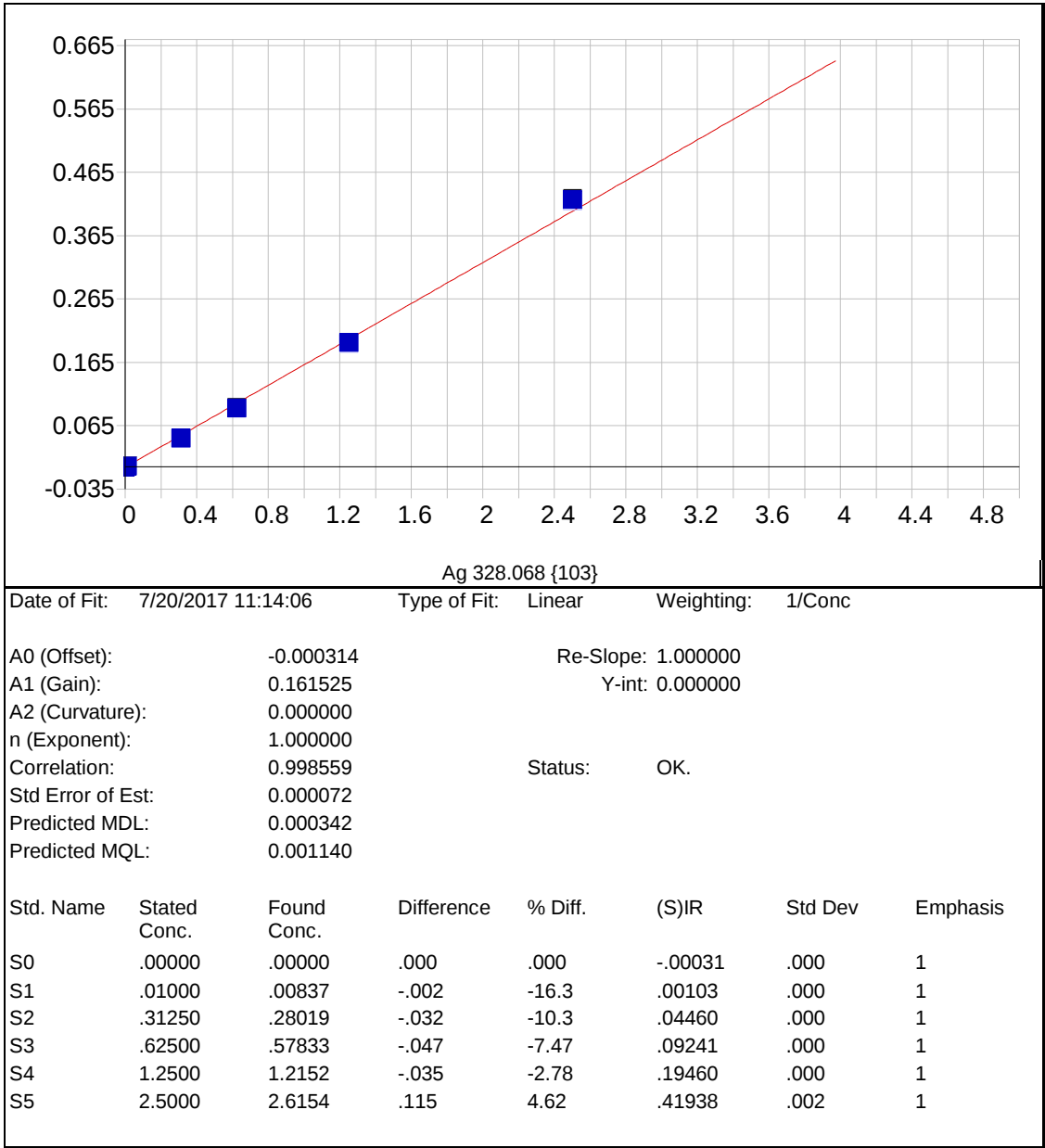


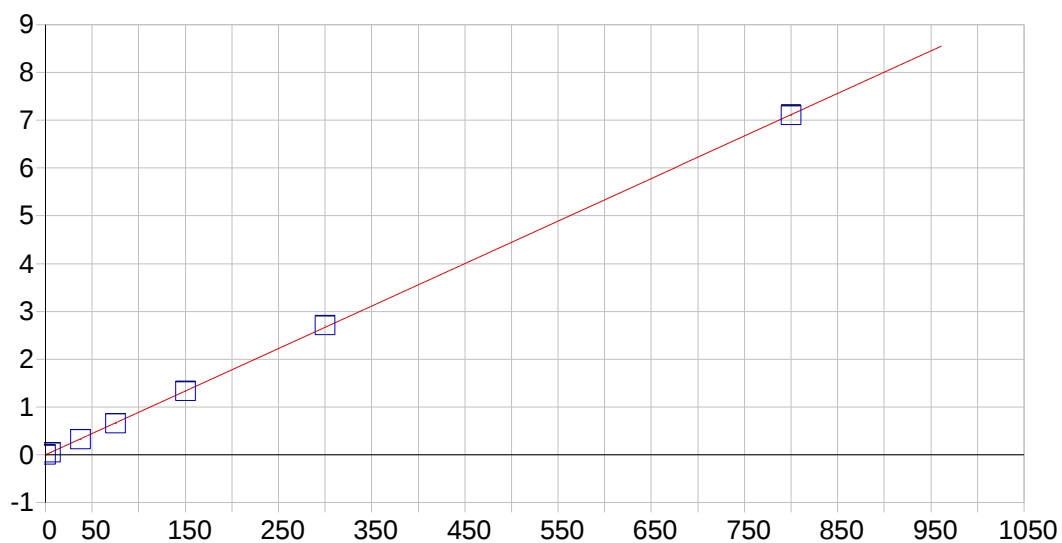
Ni 231.604 {446}

Date of Fit: 7/20/2017 11:14:06 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.001311 Re-Slope: 1.000000
 A1 (Gain): 0.477296 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999962 Status: OK.
 Std Error of Est: 0.000099
 Predicted MDL: 0.000406
 Predicted MQL: 0.001353

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	-.00131	.000	1
S1	.04000	.03708	-.003	-7.29	.01641	.000	1
S2	.62500	.62067	-.004	-.693	.29650	.001	1
S3	1.2500	1.2534	.003	.275	.60009	.002	1
S4	2.5000	2.5292	.029	1.17	1.2122	.007	1
S5	5.0000	4.9746	-.025	-.508	2.3856	.004	1





Na 818.326 { 41}

Date of Fit: 7/20/2017 11:14:06

Type of Fit: Linear

Weighting: 1/Conc

A0 (Offset): -0.002317

Re-Slope: 1.000000

A1 (Gain): 0.008894

Y-int: 0.000000

A2 (Curvature): 0.000000

n (Exponent): 1.000000

Correlation: 0.999936

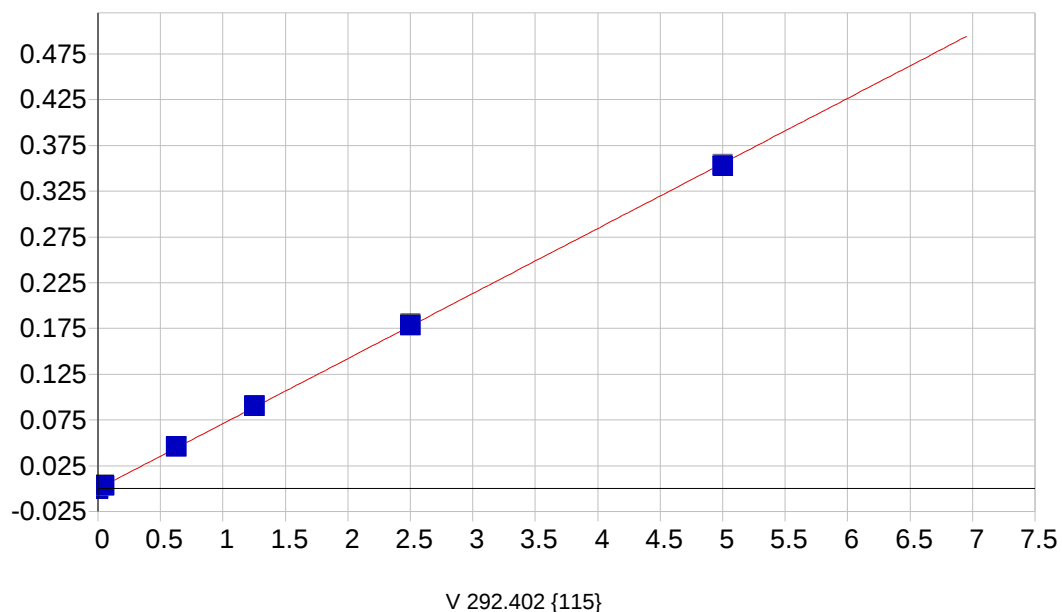
Status: OK.

Std Error of Est: 0.000311

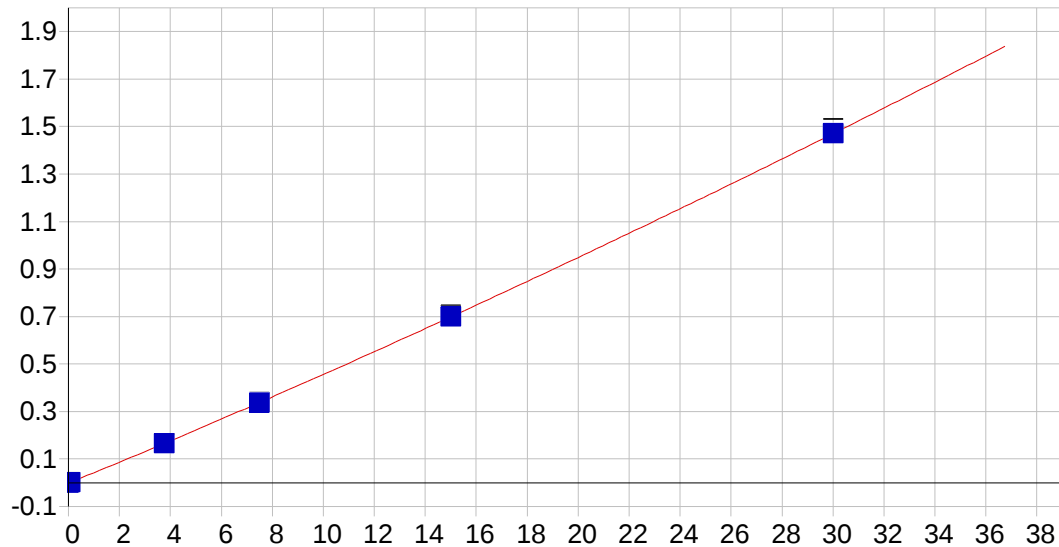
Predicted MDL: 0.100618

Predicted MQL: 0.335392

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00046	.000	.000	-.00231	.001	1
S1	5.0000	4.7948	-.205	-4.10	.04033	.000	1
S2	37.500	35.914	-1.59	-4.23	.31711	.002	1
S3	75.000	73.607	-1.39	-1.86	.65237	.001	1
S4	150.00	149.48	-.520	-.347	1.3272	.005	1
S5	300.00	304.62	4.62	1.54	2.7071	.005	1
S6	800.00	799.09	-.914	-.114	7.1050	.009	1



Date of Fit:		7/20/2017 11:14:06		Type of Fit:		Linear		Weighting:		1/Conc	
A0 (Offset):		-0.000118		Re-Slope:		1.000000					
A1 (Gain):		0.071111		Y-int:		0.000000					
A2 (Curvature):		0.000000									
n (Exponent):		1.000000									
Correlation:		0.999949		Status:		OK.					
Std Error of Est:		0.000019									
Predicted MDL:		0.002711									
Predicted MQL:		0.009038									
Std. Name		Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev		Emphasis		
S0		.00000	.00000	.000	.000	-.00012	.000		1		
S1		.05000	.04945	-.001	-1.11	.00341	.000		1		
S2		.62500	.64170	.017	2.67	.04570	.000		1		
S3		1.2500	1.2650	.015	1.20	.09020	.001		1		
S4		2.5000	2.5082	.008	.326	.17897	.001		1		
S5		5.0000	4.9607	-.039	-.785	.35411	.000		1		



Zn 213.856 {158}

Date of Fit: 7/20/2017 11:14:06

Type of Fit: Full Fit

Weighting: 1/Conc

A0 (Offset): -0.000637

Re-Slope: 1.000000

A1 (Gain): 0.042552

Y-int: 0.000000

A2 (Curvature): 0.000101

n (Exponent): 1.020000

Correlation: 0.999997

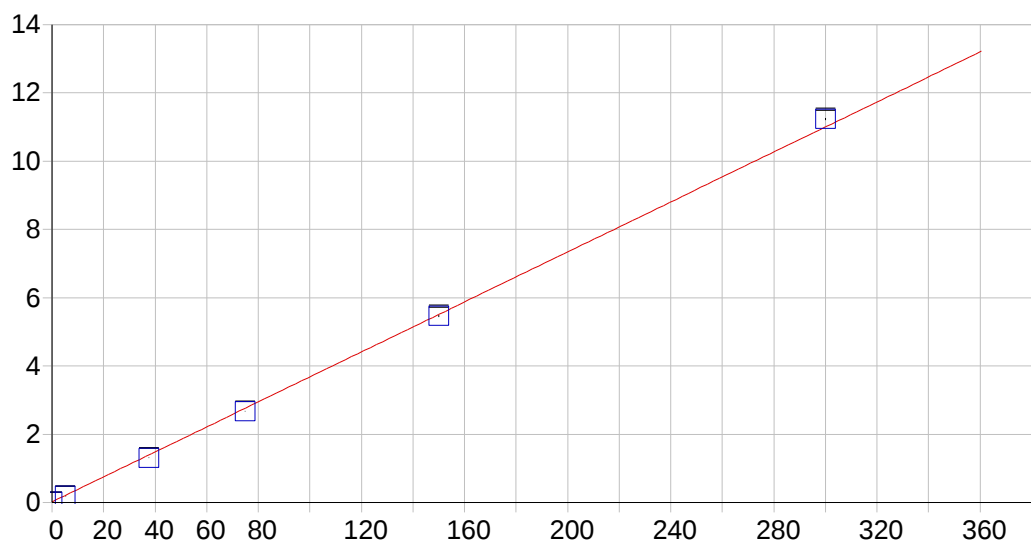
Status: Warning Positive Curvature

Std Error of Est: 0.000011

Predicted MDL: 0.012671

Predicted MQL: 0.042236

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	-.00064	.000	1
S1	.06000	.06430	.004	7.17	.00196	.000	1
S2	3.7500	3.7461	-.004	-.103	.16492	.001	1
S3	7.5000	7.4838	-.016	-.216	.33780	.001	1
S4	15.000	15.022	.022	.149	.70118	.006	1
S5	30.000	29.994	-.006	-.021	1.4729	.019	1

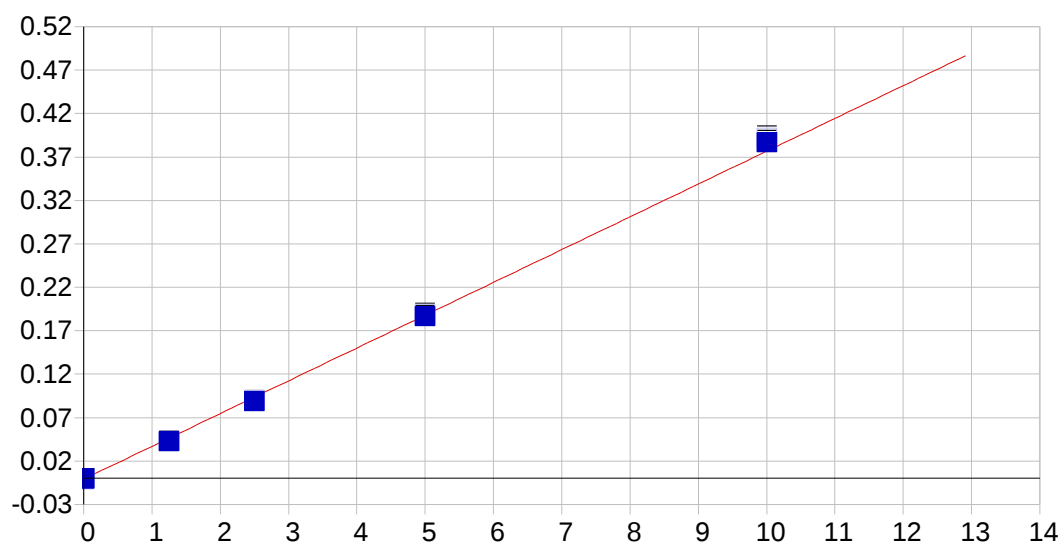


K 769.896 { 44 }

Date of Fit: 7/20/2017 11:14:06 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.017824 Re-Slope: 1.000000
 A1 (Gain): 0.036620 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999655 Status: OK.
 Std Error of Est: 0.001984
 Predicted MDL: 0.023948
 Predicted MQL: 0.079826

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00076	.001	.000	.01785	.000	1
S1	5.0000	4.6494	-.351	-7.01	.18808	.001	1
S2	37.500	35.214	-2.29	-6.10	1.3074	.005	1
S3	75.000	72.531	-2.47	-3.29	2.6739	.011	1
S4	150.00	148.72	-1.28	-.851	5.4641	.028	1
S5	300.00	306.38	6.38	2.13	11.238	.028	1



P 177.495 {490}

Date of Fit: 7/20/2017 11:14:06

Type of Fit: Linear

Weighting: 1/Conc

A0 (Offset): -0.000851

Re-Slope: 1.000000

A1 (Gain): 0.037749

Y-int: 0.000000

A2 (Curvature): 0.000000

n (Exponent): 1.000000

Correlation: 0.999359

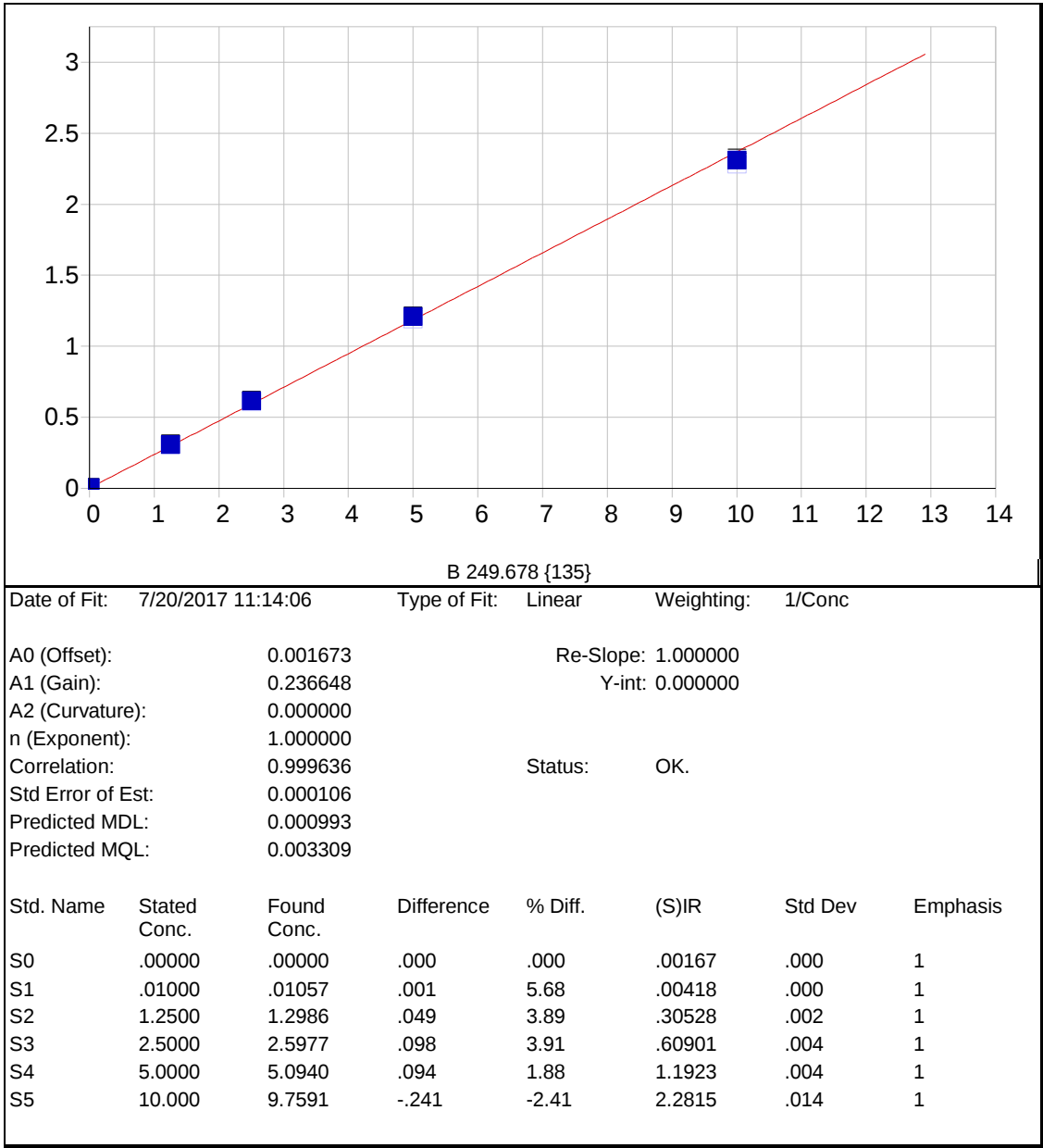
Status: OK.

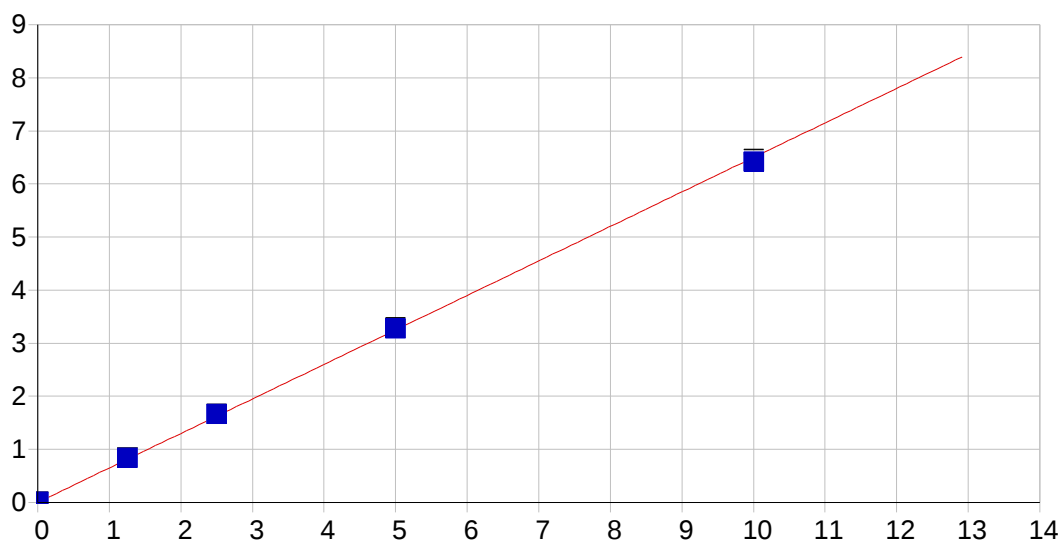
Std Error of Est: 0.000023

Predicted MDL: 0.002766

Predicted MQL: 0.009219

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	-.00085	.000	1
S1	.01000	.01375	.004	37.5	-.00032	.000	1
S2	1.2500	1.1453	-.105	-8.38	.04299	.000	1
S3	2.5000	2.3690	-.131	-5.24	.08980	.000	1
S4	5.0000	4.9610	-.039	-.780	.18886	.001	1
S5	10.000	10.271	.271	2.71	.39174	.003	1



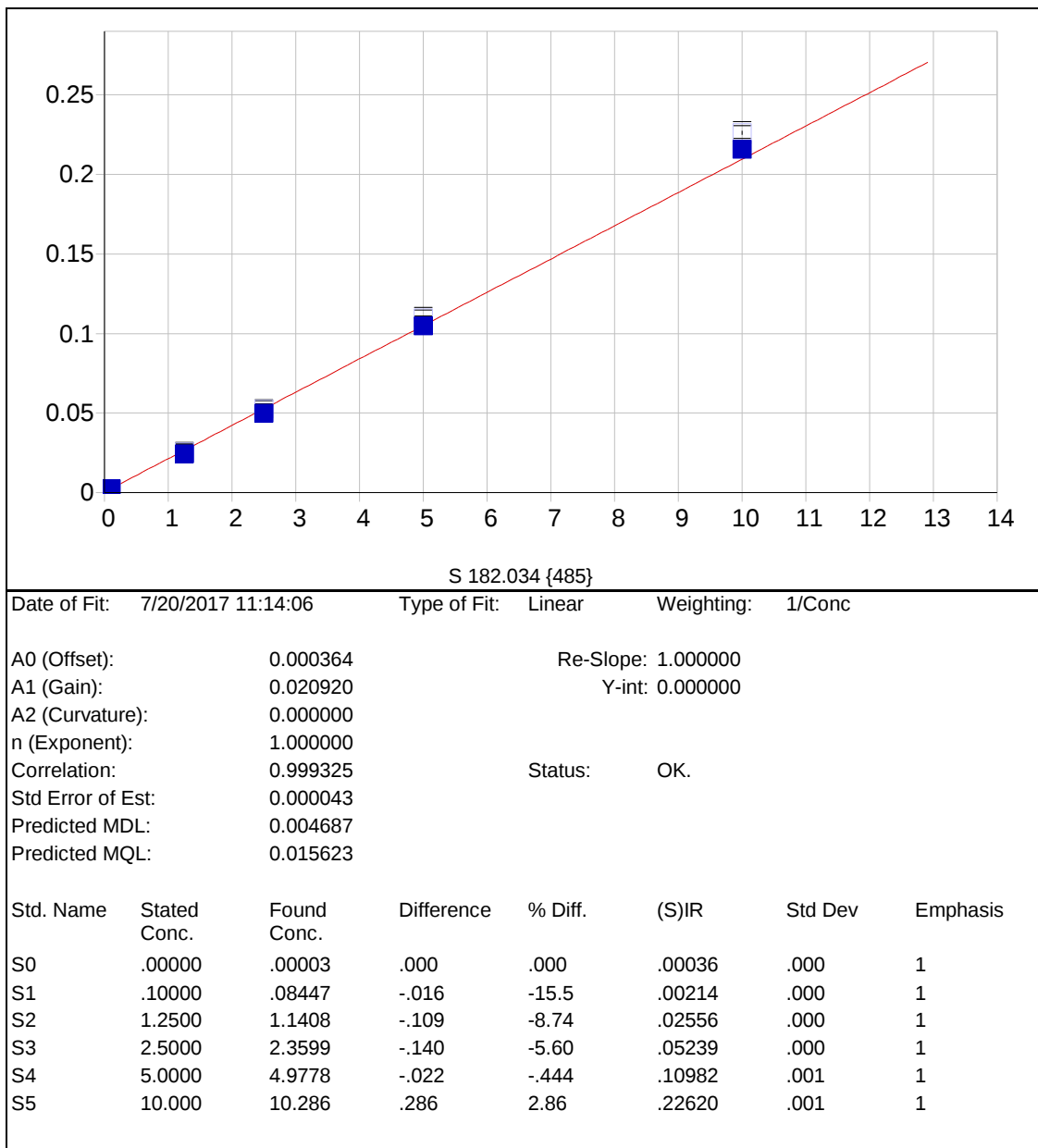


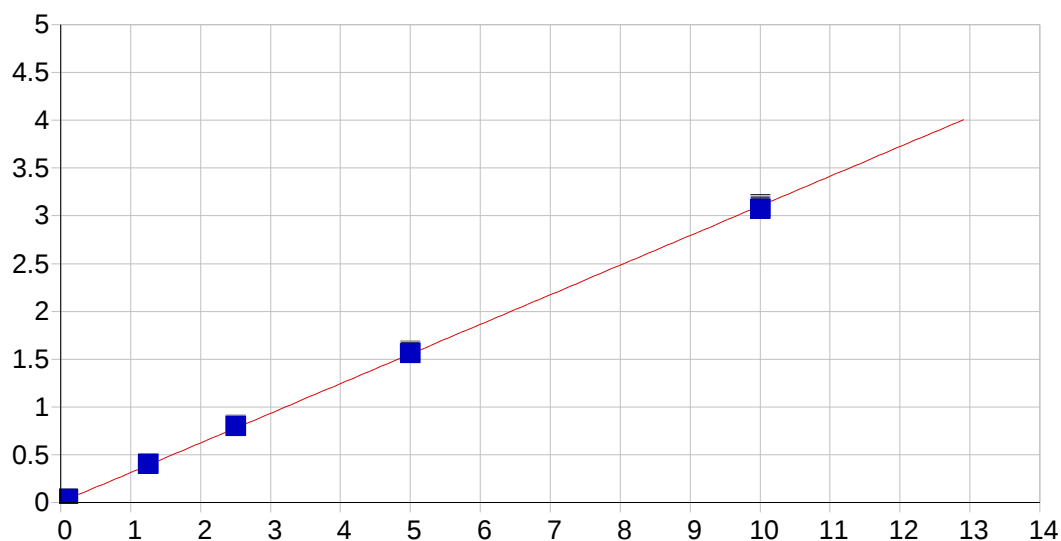
Mo 202.030 {467}

Date of Fit: 7/20/2017 11:14:06 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.000682 Re-Slope: 1.000000
 A1 (Gain): 0.649920 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999885 Status: OK.
 Std Error of Est: 0.000165
 Predicted MDL: 0.000380
 Predicted MQL: 0.001268

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	.00068	.000	1
S1	.01000	.01128	.001	12.8	.00803	.000	1
S2	1.2500	1.2890	.039	3.12	.83917	.005	1
S3	2.5000	2.5527	.053	2.11	1.6612	.003	1
S4	5.0000	5.0336	.034	.673	3.2751	.019	1
S5	10.000	9.8734	-.127	-1.27	6.4235	.042	1



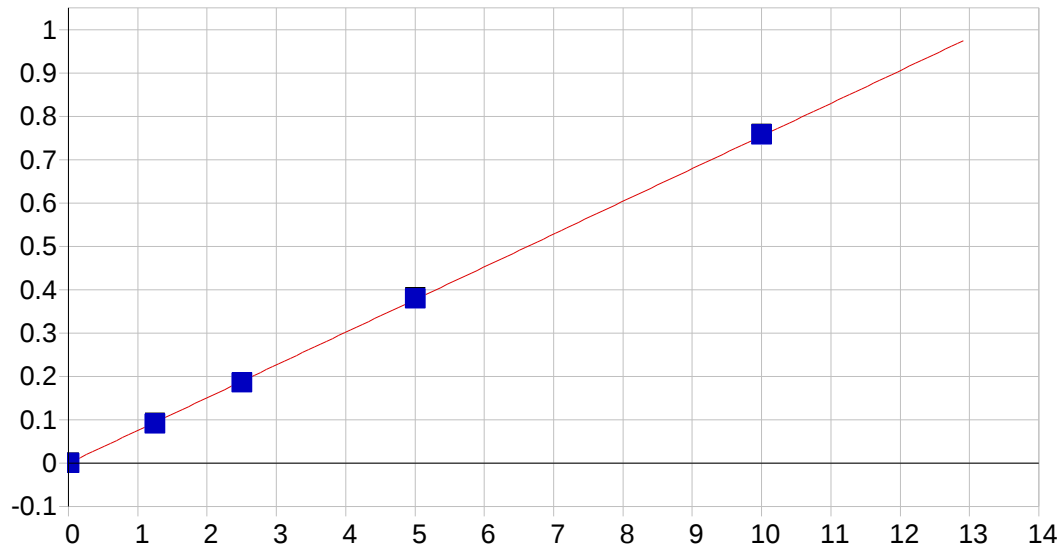


Si 251.611 {134}

Date of Fit: 7/20/2017 11:14:06 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.003473 Re-Slope: 1.000000
 A1 (Gain): 0.310048 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999909 Status: OK.
 Std Error of Est: 0.000225
 Predicted MDL: 0.000883
 Predicted MQL: 0.002944

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	.00347	.000	1
S1	.10000	.09649	-.004	-3.51	.03350	.000	1
S2	1.2500	1.2847	.035	2.77	.40634	.003	1
S3	2.5000	2.5549	.055	2.20	.80474	.004	1
S4	5.0000	5.0205	.020	.410	1.5783	.006	1
S5	10.000	9.8934	-.107	-1.07	3.1074	.012	1



Sn 189.989 {478}

Date of Fit: 7/20/2017 11:14:06

Type of Fit: Linear

Weighting: 1/Conc

A0 (Offset): -0.000044

Re-Slope: 1.000000

A1 (Gain): 0.075451

Y-int: 0.000000

A2 (Curvature): 0.000000

n (Exponent): 1.000000

Correlation: 0.999948

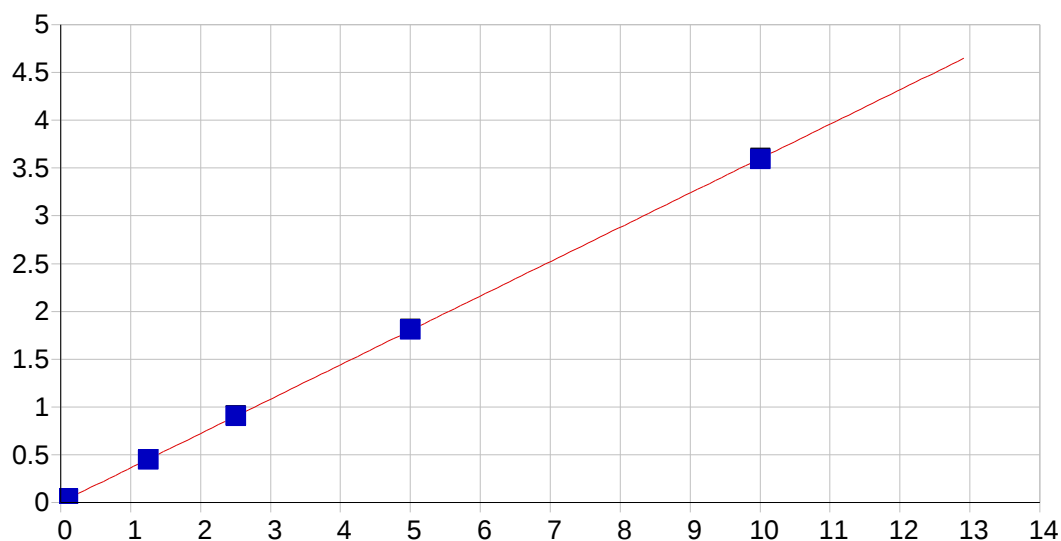
Status: OK.

Std Error of Est: 0.000011

Predicted MDL: 0.001414

Predicted MQL: 0.004714

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	-.00004	.000	1
S1	.00700	.00727	.000	3.90	.00050	.000	1
S2	1.2500	1.2140	-.036	-2.88	.09148	.000	1
S3	2.5000	2.4639	-.036	-1.44	.18571	.001	1
S4	5.0000	5.0324	.032	.649	.37936	.003	1
S5	10.000	10.039	.039	.395	.75685	.001	1



Ti 336.121 {100}

Date of Fit: 7/20/2017 11:14:06

Type of Fit: Linear

Weighting: 1/Conc

A0 (Offset): 0.002156

Re-Slope: 1.000000

A1 (Gain): 0.359704

Y-int: 0.000000

A2 (Curvature): 0.000000

n (Exponent): 1.000000

Correlation: 0.999994

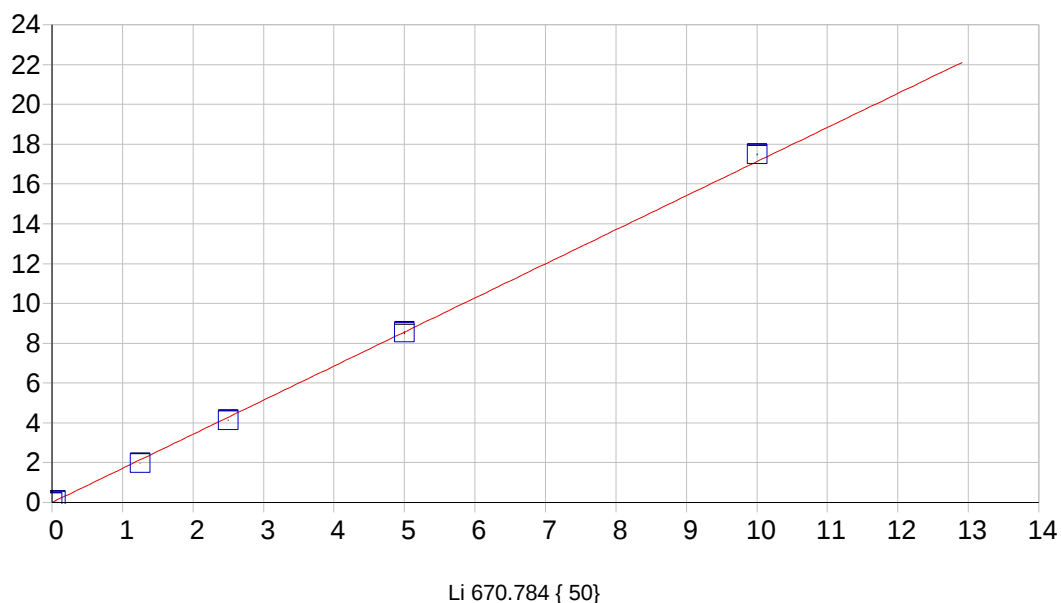
Status: OK.

Std Error of Est: 0.000066

Predicted MDL: 0.000794

Predicted MQL: 0.002646

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	.00216	.000	1
S1	.10000	.10171	.002	1.71	.03873	.000	1
S2	1.2500	1.2428	-.007	-.580	.44903	.001	1
S3	2.5000	2.5081	.008	.325	.90403	.002	1
S4	5.0000	5.0196	.020	.392	1.8071	.005	1
S5	10.000	9.9778	-.022	-.222	3.5900	.012	1



Date of Fit: 7/20/2017 11:14:06

Type of Fit: Linear

Weighting: 1/Conc

A0 (Offset): 0.004333

Re-Slope: 1.000000

A1 (Gain): 1.711932

Y-int: 0.000000

A2 (Curvature): 0.000000

n (Exponent): 1.000000

Correlation: 0.999564

Status: OK.

Std Error of Est: 0.001898

Predicted MDL: 0.000510

Predicted MQL: 0.001700

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00001	.000	.000	.00435	.000	1
S5	10.000	10.217	.217	2.17	17.495	.042	1
S4	5.0000	4.9793	-.021	-.415	8.5285	.063	1
S3	2.5000	2.4069	-.093	-3.72	4.1248	.026	1
S2	1.2500	1.1504	-.100	-7.97	1.9737	.013	1
S1	.05000	.04667	-.003	-6.65	.08424	.001	1



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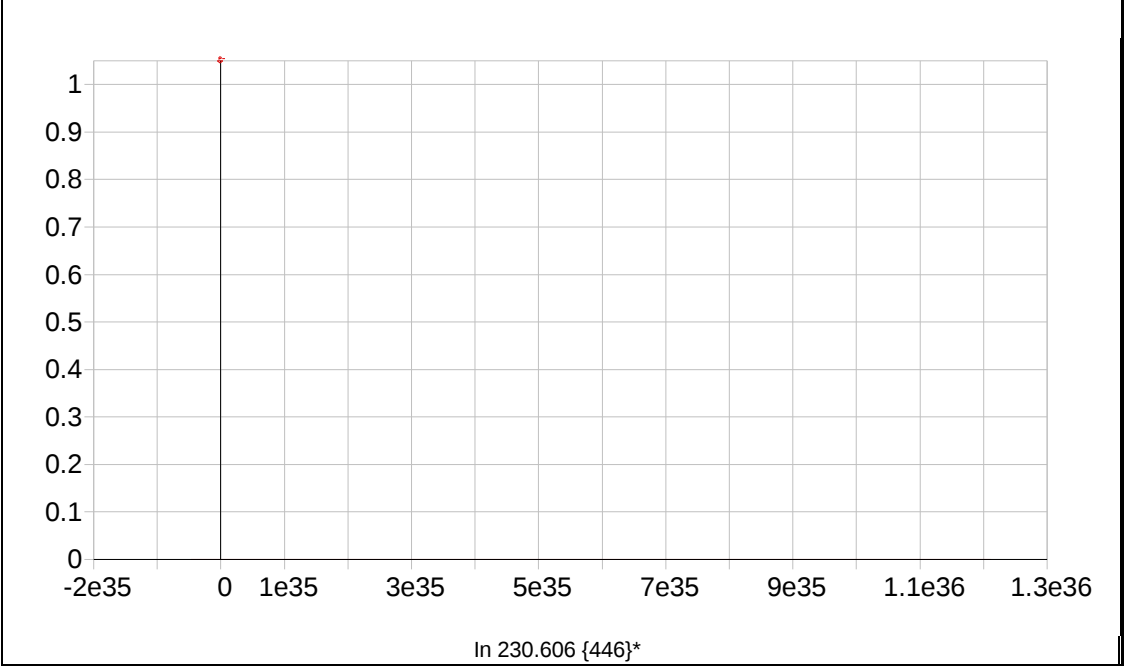




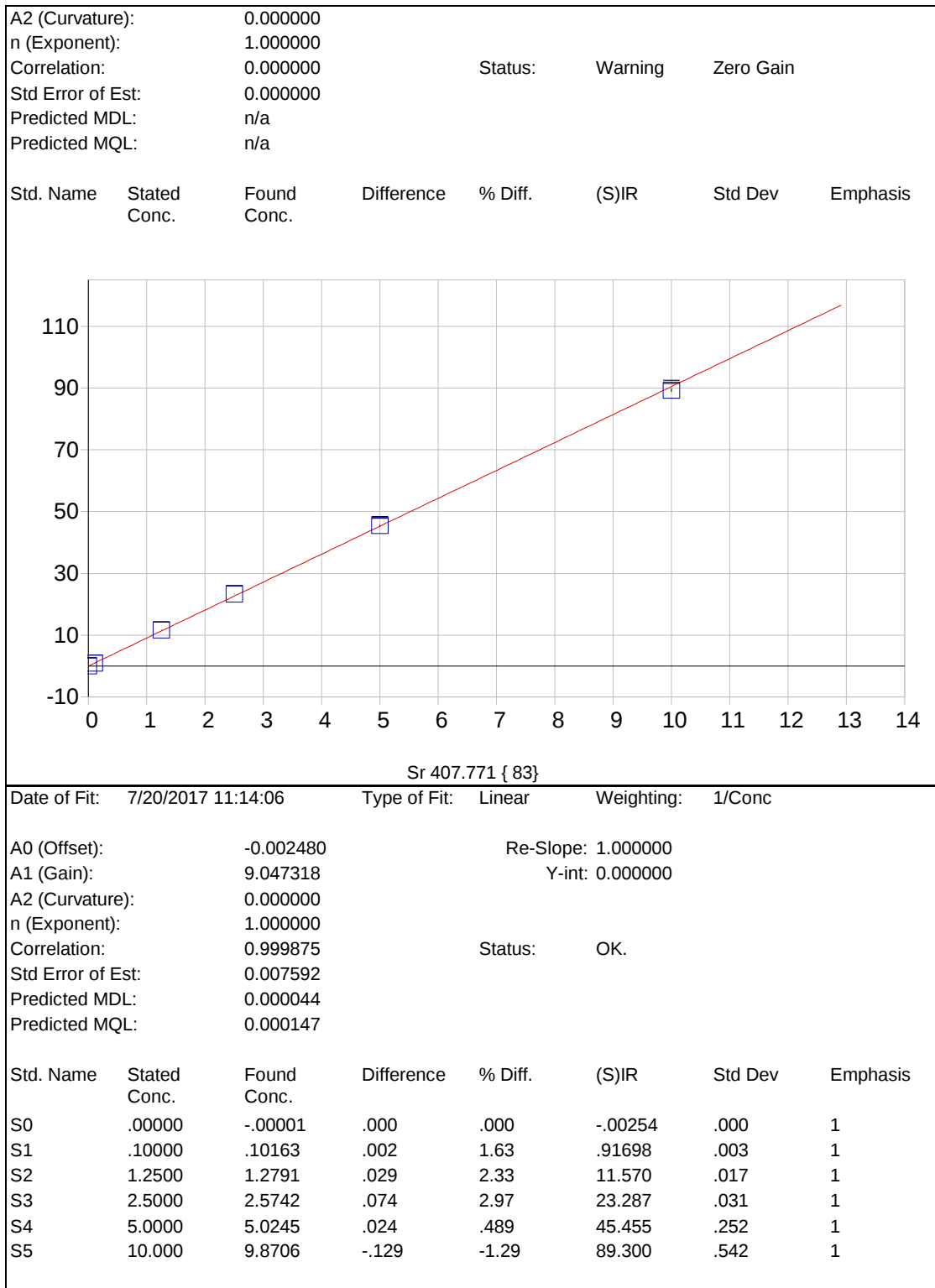


A0 (Offset):	0.000000	Re-Slope: 1.000000
A1 (Gain):	0.000000	Y-int: 0.000000
A2 (Curvature):	0.000000	
n (Exponent):	1.000000	
Correlation:	0.000000	Status: Warning Zero Gain
Std Error of Est:	0.000000	
Predicted MDL:	n/a	
Predicted MQL:	n/a	

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



Sample Name: S0 Acquired: 7/20/2017 10:19:43 Type: Cal
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v74) 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	-.00035	-.00048	-.00002	.00048	-.00011	.00039	-.01968	-.00180
Stddev	.00009	.00003	.00033	.00009	.00006	.00025	.00024	.00015
%RSD	26.283	6.2668	1364.0	17.891	49.526	63.954	1.2369	8.0903

#1	-.00041	-.00051	.00032	.00038	-.00007	.00041	-.01954	-.00169
#2	-.00025	-.00048	-.00007	.00055	-.00010	.00013	-.01954	-.00175
#3	-.00041	-.00045	-.00033	.00051	-.00017	.00063	-.01996	-.00196

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	.00010	.00076	.00006	-.00029	.00124	.00013	.00000	-.00007
Stddev	.00010	.00029	.00002	.00004	.00013	.00010	.0001	.00008
%RSD	98.194	38.569	37.445	12.944	10.614	76.307	3236.6	114.57

#1	.00012	.00073	.00004	-.00032	.00125	.00011	.00000	-.00011
#2	.00018	.00048	.00009	-.00025	.00110	.00004	.00006	.00002
#3	-.00001	.00106	.00006	-.00031	.00136	.00023	-.00007	-.00014

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	-.00131	-.00031	-.00231	-.00012	-.00064	.01785	-.00085	.00167
Stddev	.00015	.00005	.00060	.00010	.00029	.00009	.00014	.00026
%RSD	11.500	16.489	25.842	83.996	45.072	.52156	16.265	15.681

#1	-.00114	-.00036	-.00237	-.00008	-.00084	.01786	-.00083	.00166
#2	-.00144	-.00026	-.00288	-.00004	-.00076	.01776	-.00072	.00194
#3	-.00134	-.00032	-.00169	-.00023	-.00031	.01794	-.00100	.00142

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	.00068	.00036	.00347	-.00004	.00216	.00435	-.00254	
Stddev	.00016	.00002	.00013	.00005	.00025	.00033	.00017	
%RSD	23.135	5.9654	3.7042	114.84	11.753	7.4864	6.8396	

#1	.00050	.00037	.00362	-.00001	.00187	.00432	-.00272	
#2	.00074	.00038	.00343	-.00002	.00223	.00404	-.00252	
#3	.00080	.00034	.00337	-.00010	.00236	.00469	-.00237	

Sample Name: S0 Acquired: 7/20/2017 10:19:43 Type: Cal
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v74) 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	1438.5	1950.6	60827.	7725.1	3477.7
Stddev	11.5	10.4	263.	48.8	21.1
%RSD	.79866	.53494	.43318	.63174	.60741
#1	1425.3	1947.2	60564.	7679.2	3470.7
#2	1443.8	1942.2	60825.	7719.8	3461.0
#3	1446.4	1962.3	61091.	7776.3	3501.4

Sample Name: S1 Acquired: 7/20/2017 10:23:54 Type: Cal
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v74) 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	.00001	.00112	.00137	.00257	.01192	.01813	.93396	.01338
Stddev	.00012	.00010	.00010	.00007	.00026	.00018	.00222	.00018
%RSD	1225.9	8.6253	7.1832	2.7817	2.1708	.97229	.23814	1.3166

#1	-.00012	.00120	.00131	.00259	.01217	.01809	.93562	.01342
#2	.00012	.00102	.00148	.00263	.01165	.01797	.93482	.01319
#3	.00003	.00115	.00131	.00249	.01193	.01832	.93143	.01354

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	.00531	.16921	.00090	.02112	.00609	.00127	.00357	.02814
Stddev	.00010	.00043	.00003	.00014	.00011	.00007	.00018	.00017
%RSD	1.8538	.25261	3.5174	.64340	1.8168	5.6929	5.0202	.59595

#1	.00525	.16912	.00086	.02110	.00605	.00130	.00342	.02823
#2	.00526	.16883	.00091	.02100	.00600	.00133	.00352	.02825
#3	.00542	.16968	.00093	.02126	.00621	.00119	.00377	.02795

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	.01641	.00103	.04033	.00341	.00196	.18808	-.00032	.00418
Stddev	.00014	.00002	.00024	.00015	.00041	.00115	.00008	.00016
%RSD	.82985	1.8940	.60090	4.5323	20.926	.61095	23.473	3.7224

#1	.01650	.00105	.04014	.00356	.00238	.18871	-.00041	.00402
#2	.01626	.00103	.04025	.00325	.00156	.18878	-.00028	.00433
#3	.01649	.00101	.04060	.00341	.00195	.18676	-.00028	.00419

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	.00803	.00214	.03350	.00050	.03873	.08424	.91698	
Stddev	.00009	.00006	.00037	.00007	.00020	.00110	.00318	
%RSD	1.1080	2.8333	1.1098	13.855	.51180	1.3069	.34657	

#1	.00794	.00212	.03368	.00044	.03863	.08542	.92063	
#2	.00812	.00220	.03307	.00048	.03896	.08405	.91547	
#3	.00802	.00209	.03375	.00057	.03860	.08324	.91484	

Sample Name: S1 Acquired: 7/20/2017 10:23:54 Type: Cal
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v74) 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	1418.6	1924.9	59816.	7721.4	3475.2
Stddev	3.5	12.4	149.	40.6	13.8
%RSD	.24726	.64378	.24900	.52608	.39682
#1	1420.0	1918.1	59811.	7679.1	3469.8
#2	1421.2	1917.4	59968.	7725.2	3464.9
#3	1414.6	1939.2	59670.	7760.1	3490.8

Sample Name: S2 Acquired: 7/20/2017 10:28:03 Type: Cal
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v74) 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	.05998	.07723	.89414	.07582	.24023	3.3757	13.064	.38842
Stddev	.00042	.00043	.00074	.00050	.00145	.0106	.066	.00391
%RSD	.69988	.55220	.08258	.65836	.60212	.31434	.50408	1.0078

#1	.06028	.07741	.89498	.07588	.24058	3.3784	13.091	.38458
#2	.05950	.07754	.89387	.07629	.24147	3.3848	13.112	.39241
#3	.06017	.07675	.89358	.07530	.23864	3.3640	12.989	.38827

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	.58901	2.0815	.30536	.29816	.72891	.41610	.86422	.34944
Stddev	.00092	.0161	.00153	.00049	.00205	.00164	.00341	.00150
%RSD	.15564	.77354	.50181	.16500	.28150	.39484	.39426	.42949

#1	.58997	2.0703	.30379	.29842	.73061	.41462	.86060	.34771
#2	.58891	2.0743	.30686	.29846	.72950	.41583	.86470	.35043
#3	.58815	2.0999	.30544	.29759	.72663	.41787	.86737	.35017

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	.29650	.04460	.31711	.04570	.16492	1.3074	.04299	.30528
Stddev	.00095	.00010	.00155	.00023	.00076	.0046	.00035	.00240
%RSD	.32001	.21416	.48834	.49886	.46128	.35211	.80457	.78688

#1	.29669	.04455	.31677	.04566	.16404	1.3114	.04306	.30280
#2	.29734	.04454	.31881	.04594	.16527	1.3084	.04330	.30759
#3	.29547	.04471	.31577	.04549	.16544	1.3023	.04262	.30545

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	.83917	.02556	.40634	.09148	.44903	1.9737	11.570	
Stddev	.00513	.00020	.00283	.00030	.00090	.0126	.017	
%RSD	.61093	.78086	.69731	.32529	.19973	.63563	.14507	

#1	.84223	.02579	.40312	.09114	.44885	1.9792	11.579	
#2	.84202	.02542	.40846	.09170	.44823	1.9825	11.581	
#3	.83325	.02547	.40744	.09159	.45000	1.9593	11.551	

Sample Name: S2 Acquired: 7/20/2017 10:28:03 Type: Cal
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v74) 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	1309.9	1811.5	56226.	7537.9	3180.5
Stddev	11.2	13.3	215.	14.5	10.9
%RSD	.85374	.73544	.38265	.19235	.34330
#1	1297.0	1804.2	55988.	7542.4	3172.3
#2	1315.8	1803.4	56406.	7521.7	3176.3
#3	1316.9	1826.9	56285.	7549.6	3192.9

Sample Name: S3 Acquired: 7/20/2017 10:31:57 Type: Cal
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v74) 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	.12266	.15436	1.8195	.15146	.48624	6.8535	26.560	.78181
Stddev	.00073	.00034	.0038	.00072	.00399	.0143	.058	.00295
%RSD	.59599	.22310	.20674	.47533	.82029	.20843	.21859	.37743

#1	.12222	.15459	1.8229	.15068	.48472	6.8650	26.567	.78168
#2	.12350	.15396	1.8201	.15210	.49076	6.8375	26.498	.78483
#3	.12225	.15452	1.8155	.15160	.48323	6.8581	26.613	.77893

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	1.1786	4.2174	.59493	.60665	1.4814	.82689	1.7242	.70682
Stddev	.0024	.0215	.00159	.00172	.0054	.00350	.0082	.00156
%RSD	.20651	.50920	.26709	.28371	.36256	.42305	.47426	.22097

#1	1.1810	4.2161	.59484	.60860	1.4829	.82562	1.7258	.70856
#2	1.1787	4.2395	.59339	.60602	1.4754	.83084	1.7314	.70637
#3	1.1761	4.1966	.59656	.60534	1.4858	.82420	1.7153	.70553

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	.60009	.09241	.65237	.09020	.33780	2.6739	.08980	.60901
Stddev	.00183	.00011	.00095	.00075	.00108	.0107	.00047	.00364
%RSD	.30444	.11698	.14608	.83534	.32020	.39999	.51939	.59755

#1	.60186	.09247	.65232	.08999	.33905	2.6747	.08990	.60833
#2	.60020	.09229	.65145	.09104	.33717	2.6629	.09020	.61295
#3	.59821	.09248	.65335	.08957	.33719	2.6842	.08929	.60576

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	1.6612	.05239	.80474	.18571	.90403	4.1248	23.287	
Stddev	.0026	.00028	.00374	.00059	.00166	.0262	.031	
%RSD	.15376	.53668	.46431	.31878	.18391	.63483	.13190	

#1	1.6602	.05268	.80299	.18551	.90590	4.1261	23.303	
#2	1.6641	.05238	.80903	.18637	.90272	4.0980	23.251	
#3	1.6593	.05212	.80219	.18524	.90348	4.1503	23.306	

Sample Name: S3 Acquired: 7/20/2017 10:31:57 Type: Cal
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v74) 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	1246.1	1728.5	53792.	7312.9	2966.1
Stddev	7.7	11.5	166.	28.9	12.8
%RSD	.61859	.66636	.30822	.39538	.43023
#1	1237.4	1736.5	53606.	7303.7	2969.4
#2	1248.7	1715.3	53924.	7289.6	2952.0
#3	1252.2	1733.7	53846.	7345.2	2976.9

Sample Name: S4 Acquired: 7/20/2017 10:35:51 Type: Cal
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v74) 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	.25040	.30265	3.6640	.29893	.98863	14.082	52.573	1.5611
Stddev	.00082	.00144	.0192	.00145	.00517	.063	.445	.0085
%RSD	.32867	.47485	.52359	.48553	.52268	.44926	.84724	.54494

#1	.25017	.30404	3.6730	.29986	.98903	14.107	52.268	1.5555
#2	.25131	.30275	3.6770	.29967	.99359	14.129	53.084	1.5709
#3	.24971	.30117	3.6419	.29726	.98328	14.010	52.367	1.5569

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	2.3587	8.5631	1.1464	1.2372	3.0042	1.6291	3.4115	1.4193
Stddev	.0111	.0357	.0037	.0067	.0104	.0058	.0154	.0034
%RSD	.47072	.41691	.32335	.53866	.34537	.35867	.45048	.24171

#1	2.3672	8.5247	1.1433	1.2397	3.0114	1.6233	3.3938	1.4193
#2	2.3628	8.5953	1.1505	1.2422	3.0089	1.6291	3.4185	1.4228
#3	2.3461	8.5694	1.1455	1.2296	2.9923	1.6350	3.4221	1.4159

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	1.2122	.19460	1.3272	.17897	.70118	5.4641	.18886	1.1923
Stddev	.0072	.00022	.0048	.00093	.00552	.0276	.00122	.0039
%RSD	.59126	.11134	.35868	.52122	.78752	.50580	.64488	.32248

#1	1.2166	.19484	1.3288	.17878	.70160	5.4818	.18972	1.1899
#2	1.2159	.19444	1.3309	.17999	.69546	5.4782	.18940	1.1968
#3	1.2039	.19450	1.3218	.17816	.70648	5.4322	.18747	1.1903

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707	Sr4077	
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	
Avg	3.2751	.10982	1.5783	.37936	1.8071	8.5285	45.455	
Stddev	.0186	.00074	.0062	.00277	.0052	.0630	.252	
%RSD	.56856	.67754	.39287	.73101	.28994	.73878	.55476	

#1	3.2830	.11051	1.5742	.38154	1.8101	8.5556	45.618	
#2	3.2885	.10991	1.5854	.38030	1.8102	8.5734	45.165	
#3	3.2538	.10903	1.5753	.37624	1.8011	8.4565	45.584	

Sample Name: S4 Acquired: 7/20/2017 10:35:51 Type: Cal
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v74) 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	1166.3	1629.8	51180.	7119.2	2702.8
Stddev	6.7	8.3	149.	11.7	14.7
%RSD	.57479	.50622	.29074	.16464	.54272
#1	1161.9	1625.0	51030.	7111.3	2692.0
#2	1174.0	1625.1	51327.	7113.6	2697.0
#3	1162.9	1639.4	51182.	7132.6	2719.5

Sample Name: S5 Acquired: 7/20/2017 10:40:00 Type: Cal
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v74) 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	.51241	.57162	7.2614	.59057	2.0537	29.172	104.83	3.1548
Stddev	.00522	.00248	.0174	.00634	.0195	.031	.51	.0274
%RSD	1.0197	.43395	.24012	1.0741	.94857	.10651	.48735	.86815

#1	.51545	.57383	7.2809	.59499	2.0667	29.174	104.38	3.1856
#2	.51540	.57209	7.2560	.59342	2.0631	29.202	105.39	3.1333
#3	.50637	.56893	7.2473	.58330	2.0313	29.140	104.74	3.1454

Elem	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598	Mn2576	Mg2790
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	4.6032	17.166	2.1695	2.4718	6.1926	3.1669	6.6358	2.7900
Stddev	.0045	.093	.0087	.0054	.0176	.0082	.0304	.0049
%RSD	.09775	.54379	.39904	.21818	.28461	.25974	.45746	.17525

#1	4.6045	17.061	2.1780	2.4775	6.2018	3.1576	6.6012	2.7906
#2	4.5983	17.238	2.1698	2.4711	6.1723	3.1696	6.6577	2.7848
#3	4.6070	17.200	2.1606	2.4668	6.2038	3.1734	6.6486	2.7946

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	2.3856	.41938	2.7071	.35411	1.4729	11.238	.39174	2.2815
Stddev	.0036	.00171	.0053	.00050	.0190	.028	.00263	.0144
%RSD	.14871	.40747	.19382	.14049	1.2873	.25123	.67119	.63108

#1	2.3887	.41880	2.7016	.35355	1.4513	11.268	.39447	2.2976
#2	2.3864	.42131	2.7076	.35428	1.4868	11.213	.39154	2.2698
#3	2.3817	.41804	2.7120	.35450	1.4805	11.231	.38922	2.2771

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707	Sr4077	
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	
Avg	6.4235	.22620	3.1074	.75685	3.5900	17.495	89.300	
Stddev	.0417	.00136	.0120	.00098	.0118	.042	.542	
%RSD	.64957	.60261	.38534	.12936	.32867	.23796	.60669	

#1	6.4475	.22766	3.1203	.75622	3.5764	17.542	88.751	
#2	6.4476	.22597	3.0967	.75797	3.5959	17.462	89.834	
#3	6.3753	.22496	3.1052	.75635	3.5976	17.481	89.316	

Sample Name: S5 Acquired: 7/20/2017 10:40:00 Type: Cal
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v74) 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	1062.2	1486.3	48080.	6870.0	2385.4
Stddev	10.5	16.6	277.	12.4	15.2
%RSD	.98662	1.1156	.57641	.18009	.63531
#1	1074.1	1475.6	48386.	6857.5	2373.6
#2	1054.4	1477.8	47845.	6882.2	2380.1
#3	1058.1	1505.4	48011.	6870.2	2402.5

Sample Name: S6 Acquired: 7/20/2017 10:44:06 Type: Cal
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v74) 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	74.174	26.596	7.9677	4.1604	7.1050
Stddev	.198	.038	.0085	.0033	.0088
%RSD	.26733	.14204	.10700	.07949	.12319

#1	73.990	26.553	7.9657	4.1604	7.0949
#2	74.384	26.626	7.9770	4.1638	7.1104
#3	74.148	26.607	7.9603	4.1572	7.1098

Int. Std.	Y_3710
Units	Cts/S
Avg	6645.6
Stddev	11.5
%RSD	.17363

#1	6651.2
#2	6632.3
#3	6653.2

Sample Name: ICV Acquired: 7/20/2017 10:48:52 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v74) 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	.9778128	1.053769	.9685054	1.013968	.9877079	2.296356
Stddev	.0093620	.003828	.0000981	.007381	.0039180	.013814
%RSD	.9574474	.3632985	.0101282	.7278935	.3966797	.6015743

#1	.9870185	1.056861	.9685820	1.010172	.9887469	2.300948
#2	.9781180	1.054959	.9683949	1.022474	.9910017	2.280831
#3	.9683019	1.049487	.9685394	1.009258	.9833751	2.307290

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F .4464830	F .4173227	.4873591	9.701830	.5328635	F .4156377
Stddev	.0004613	.0038018	.0017778	.049529	.0023396	.0009810
%RSD	.1033089	.9109892	.3647787	.5105081	.4390561	.2360294

#1	.4469339	.4188230	.4877718	9.700178	.5342735	.4154657
#2	.4465031	.4201454	.4854113	9.752164	.5341541	.4147540
#3	.4460120	.4129997	.4888942	9.653148	.5301629	.4166933

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.4803565	5.465053	.5134591	5.894524	F .4265278	F .4084750
Stddev	.0012793	.004884	.0036223	.021036	.0012276	.0009675
%RSD	.2663233	.0893768	.7054637	.3568690	.2878050	.2368693

#1	.4794245	5.460645	.5164123	5.871944	.4261137	.4074581
#2	.4818150	5.470304	.5145476	5.913567	.4255608	.4093842
#3	.4798300	5.464209	.5094174	5.898061	.4279089	.4085827

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	9.594578	.4598532	1.008516	9.019169	F -.007664	F -.009323
Stddev	.091748	.0038164	.016606	.036270	.004769	.000483
%RSD	.9562521	.8299186	1.646617	.4021411	62.23261	5.181050

#1	9.605648	.4638854	.994393	9.027568	-.002245	-.009720
#2	9.680288	.4562973	1.004344	9.050502	-.009522	-.008786
#3	9.497796	.4593771	1.026811	8.979437	-.011225	-.009465

Sample Name: ICV Acquired: 7/20/2017 10:48:52 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v74) 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 .0006934	-.008445	-.000335	F .0000720	-.001233	.0018137
Stddev	.0001659	.003372	.000269	.0008955	.000483	.0003969
%RSD	23.91778	39.92912	80.38066	1243.240	39.14798	21.88170

#1	.0006135	-.005482	-.000042	-.000321	-.001688	.0014227
#2	.0008841	-.007739	-.000391	.001097	-.000727	.0022162
#3	.0005827	-.012114	-.000573	-.000559	-.001283	.0018024

Elem	Sr4077
Units	ppm
Avg	.0111305
Stddev	.0000929
%RSD	.8344051

#1	.0111021
#2	.0112343
#3	.0110552

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1284.557	1781.056	55738.82	7414.906	3276.688
Stddev	4.412	9.405	85.58	38.831	6.835
%RSD	.3434613	.5280445	.1535398	.5236893	.2085952

#1	1283.871	1778.690	55704.00	7379.126	3269.378
#2	1289.271	1773.060	55836.33	7409.393	3277.766
#3	1280.528	1791.418	55676.14	7456.199	3282.920

Sample Name: ICB Acquired: 7/20/2017 10:53:15 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v74) 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	-.002986	.0002275	-.000843	.0031532	-.000885	-.001946	-.000113
Stddev	.003263	.0017709	.001138	.0013775	.000693	.000530	.000086
%RSD	109.2828	778.3016	135.0943	43.68645	78.29293	27.21622	76.19997

#1	-.006491	-.001437	-.000372	.0024558	-.000136	-.002405	-.000018
#2	-.000038	.000031	-.002141	.0022639	-.001016	-.001366	-.000186
#3	-.002427	.002088	-.000015	.0047400	-.001502	-.002068	-.000137

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0000297	-.000233	-.002708	-.000644	-.000305	.0002543	-.000446
Stddev	.0000305	.000192	.011150	.000302	.000218	.0009711	.005586
%RSD	102.4837	82.73000	411.7018	46.85330	71.48391	381.8286	1252.368

#1	.0000037	-.000046	.005259	-.000705	-.000118	.0004425	.005268
#2	.0000222	-.000431	-.015450	-.000911	-.000253	.0011176	-.000712
#3	.0000633	-.000221	.002067	-.000316	-.000544	-.000797	-.005894

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000071	-.004996	.0004399	.0002487	-.143426	.0004790	-.004623
Stddev	.000234	.028444	.0000871	.0003244	.075136	.0014844	.005065
%RSD	328.5418	569.3315	19.79270	130.4452	52.38696	309.8873	109.5726

#1	-.000274	-.011329	.0003432	-.000064	-.070533	.0000180	.001019
#2	-.000125	.026080	.0004643	.000226	-.139124	.0021392	-.006107
#3	.000185	-.029740	.0005121	.000584	-.220621	-.000720	-.008780

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0250083	-.000415	.0019100	.0000909	-.002470	-.002719	.0002980
Stddev	.0147491	.001105	.0007620	.0003216	.001458	.000841	.0010177
%RSD	58.97691	266.4440	39.89665	353.9015	59.03543	30.93658	341.5061

#1	.0397711	-.001298	.0018979	-.000234	-.002273	-.003026	.0014729
#2	.0249807	.000825	.0026780	.000409	-.004016	-.003364	-.000307
#3	.0102730	-.000771	.0011541	.000097	-.001120	-.001768	-.000272

Sample Name: ICB Acquired: 7/20/2017 10:53:15 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v74) 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	.0004476	.0001624	-.000033
Stddev	.0004089	.0000984	.000015
%RSD	91.34834	60.60182	44.85709

#1	.0003543	.0002303	-.000040
#2	.0008950	.0002075	-.000043
#3	.0000934	.0000495	-.000016

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1342.415	1834.221	57838.86	7538.759	3348.731
Stddev	6.332	9.313	88.06	15.421	10.847
%RSD	.4716542	.5077352	.1522582	.2045615	.3239247

#1	1338.517	1827.413	57935.26	7521.854	3338.033
#2	1349.721	1844.834	57762.63	7552.058	3359.722
#3	1339.008	1830.416	57818.69	7542.364	3348.440

Sample Name: ICSA Acquired: 7/20/2017 10:57:26 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v74) 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	-.002703	-.011049	.0000810	-.022803	.0004016	238.2307
Stddev	.006558	.003006	.0021393	.001682	.0021975	.9414
%RSD	242.6006	27.20467	2641.185	7.376662	547.1241	.3951624

#1	-.010244	-.007582	.0005980	-.021475	.0022846	237.1667
#2	.000476	-.012655	.0019144	-.022241	.0009333	238.5697
#3	.001659	-.012912	-.002269	-.024695	-.002013	238.9556

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0050163	.0006348	.0055741	245.8107	.0470102	.0010651
Stddev	.0001271	.0000393	.0003194	1.4778	.0001349	.0002438
%RSD	2.534145	6.195189	5.729421	.6011768	.2869701	22.89397

#1	.0049436	.0006260	.0054645	245.5818	.0470662	.0012688
#2	.0051631	.0006006	.0053240	247.3895	.0468563	.0011317
#3	.0049423	.0006778	.0059338	244.4607	.0471081	.0007949

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0234263	105.3425	.0134652	256.7960	.0021760	-.002506
Stddev	.0014692	.5280	.0003090	1.0744	.0003858	.000508
%RSD	6.271374	.5012549	2.294867	.4183720	17.72967	20.27561

#1	.0247315	105.3288	.0132171	255.5566	.0021062	-.003011
#2	.0218352	105.8773	.0133672	257.4618	.0025920	-.001995
#3	.0237123	104.8215	.0138113	257.3696	.0018299	-.002511

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.2793459	.0022066	.0127972	-.018745	-.009690	F -.310398
Stddev	.0479920	.0023317	.0125501	.012020	.002390	.002812
%RSD	17.18012	105.6689	98.06888	64.12620	24.66004	.9059389

#1	.2969802	.0002222	.0272797	-.005065	-.009997	-.311602
#2	.2250315	.0016229	.0051129	-.023553	-.011912	-.307184
#3	.3160260	.0047748	.0059990	-.027617	-.007162	-.312407

Sample Name: ICSA Acquired: 7/20/2017 10:57:26 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v74) 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	.0000458	.0006353	-.006349	-.003139	-.000565	.0012733
Stddev	.0003459	.0067580	.000074	.002701	.000439	.0002959
%RSD	756.0510	1063.695	1.171556	86.03141	77.67825	23.23779

#1	.0000046	-.001302	-.006298	-.004095	-.000307	.0011226
#2	-.000278	-.004943	-.006315	-.000091	-.001072	.0010831
#3	.000410	.008150	-.006434	-.005232	-.000316	.0016142

Elem	Sr4077
Units	ppm
Avg	.0959946
Stddev	.0001417
%RSD	.1475584

#1	.0958682
#2	.0959681
#3	.0961477

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1176.792	1641.510	50714.67	6954.003	2820.889
Stddev	10.667	12.973	141.50	20.948	23.414
%RSD	.9064676	.7902990	.2790209	.3012339	.8300191

#1	1164.478	1631.383	50610.49	6931.102	2802.755
#2	1182.708	1637.015	50657.75	6958.707	2812.588
#3	1183.190	1656.132	50875.77	6972.198	2847.322

Sample Name: ICSAB Acquired: 7/20/2017 11:01:33 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v74) 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	.0944339	.1056886	.0532944	.0260950	.5795094	236.7129
Stddev	.0035082	.0053218	.0021717	.0061087	.0037030	.5459
%RSD	3.714951	5.035377	4.074907	23.40964	.6389919	.2306247

#1	.0907475	.1116544	.0521463	.0221916	.5816463	237.0383
#2	.0977314	.1039819	.0519378	.0229586	.5752335	237.0177
#3	.0948226	.1014295	.0557992	.0331349	.5816484	236.0826

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.4558326	.4269004	.9676790	245.9035	.5447285	.4271677
Stddev	.0006165	.0002533	.0030158	.3345	.0031775	.0014596
%RSD	.1352504	.0593332	.3116570	.1360281	.5833267	.3416900

#1	.4558604	.4266629	.9666838	246.1521	.5442241	.4266203
#2	.4564347	.4268713	.9652865	245.5232	.5418333	.4260610
#3	.4552026	.4271670	.9710667	246.0353	.5481281	.4288219

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.5124530	104.8528	.5255648	255.4472	.8587181	.1719937
Stddev	.0014875	.2899	.0001489	.2721	.0018801	.0004788
%RSD	.2902782	.2764384	.0283247	.1065293	.2189386	.2783549

#1	.5122461	105.0362	.5256398	255.7580	.8583279	.1723616
#2	.5110797	104.5186	.5256613	255.3319	.8570638	.1714524
#3	.5140331	105.0035	.5253934	255.2516	.8607626	.1721669

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F 6.127260	.4349412	1.069494	-.105488	-.020609	F .8206805
Stddev	.098537	.0045893	.024116	.003487	.002935	.0079063
%RSD	1.608176	1.055165	2.254916	3.305382	14.24155	.9633810

#1	6.201599	.4307128	1.097322	-.107035	-.021359	.8281220
#2	6.015493	.4342890	1.056465	-.101495	-.023097	.8215399
#3	6.164689	.4398218	1.054695	-.107932	-.017372	.8123796

Sample Name: ICSAB Acquired: 7/20/2017 11:01:33 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v74) 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 1.004991	2.665295	.9619277	F .9829791	1.038324	.0009616
Stddev	.004246	.016000	.0035555	.0037520	.002192	.0000707
%RSD	.4224803	.6002952	.3696225	.3816957	.2111275	7.357812
#1	1.006310	2.664658	.9604067	.9787270	1.036380	.0008959
#2	1.000242	2.649623	.9593856	.9843858	1.040700	.0009523
#3	1.008421	2.681604	.9659906	.9858244	1.037891	.0010365

Elem	Sr4077
Units	ppm
Avg	.0961564
Stddev	.0001992
%RSD	.2071552
#1	.0962484
#2	.0962929
#3	.0959278

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1157.241	1629.444	50593.30	6974.877	2806.761
Stddev	8.415	7.662	162.78	23.125	9.521
%RSD	.7271575	.4702300	.3217499	.3315410	.3392216
#1	1153.339	1629.269	50449.87	6957.522	2807.178
#2	1151.486	1637.192	50559.81	6965.980	2816.067
#3	1166.899	1621.870	50770.23	7001.128	2797.038

Sample Name: CCV003 Acquired: 7/20/2017 11:05:31 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v74) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: CCV003 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.186691	4.957272	25.39167	4.997329	5.122912	400.1260
Stddev	.023966	.010094	.08191	.026495	.014365	1.2430
%RSD	.4620764	.2036200	.3225685	.5301846	.2803984	.3106548

#1	5.181931	4.964543	25.48363	5.019434	5.120285	400.1918
#2	5.212680	4.961526	25.36481	5.004592	5.138409	401.3347
#3	5.165461	4.945748	25.32657	4.967959	5.110042	398.8513

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	10.36458	.5047701	2.571020	417.7958	15.45326	2.575740
Stddev	.01822	.0014558	.005791	1.5113	.04911	.005722
%RSD	.1757760	.2884154	.2252596	.3617323	.3177660	.2221537

#1	10.34983	.5044787	2.577407	417.2308	15.50969	2.582292
#2	10.38494	.5063496	2.566110	416.6483	15.42983	2.571728
#3	10.35897	.5034820	2.569542	419.5081	15.42026	2.573199

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	15.88458	412.6585	15.47591	409.4328	2.541352	1.362551
Stddev	.10594	.8724	.05701	.1528	.006148	.004384
%RSD	.6669234	.2113998	.3683535	.0373182	.2418997	.3217652

#1	15.87786	412.1398	15.42752	409.4460	2.548391	1.367581
#2	15.99371	412.1701	15.46147	409.2738	2.538627	1.360535
#3	15.78216	413.6657	15.53875	409.5786	2.537038	1.359538

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	412.2139	2.513701	16.36176	157.4054	5.329785	F 4.190570
Stddev	1.6491	.001092	.12168	.9679	.022394	.016476
%RSD	.4000566	.0434459	.7437014	.6149190	.4201642	.3931713

#1	411.9275	2.514097	16.30781	157.1753	5.355068	4.189887
#2	413.9874	2.512466	16.27638	158.4676	5.321839	4.207377
#3	410.7267	2.514539	16.50109	156.5732	5.312447	4.174446

Sample Name: CCV003 Acquired: 7/20/2017 11:05:31 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v74) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: CCV003 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.918381	5.362754	5.115135	5.016110	5.182838	5.417574
Stddev	.005611	.017118	.019004	.033235	.002132	.043588
%RSD	.1140879	.3192103	.3715320	.6625681	.0411353	.8045585

#1	4.914775	5.381923	5.103841	5.053933	5.180376	5.414680
#2	4.924846	5.357348	5.137076	4.991572	5.184057	5.462537
#3	4.915522	5.348991	5.104488	5.002827	5.184080	5.375506

Elem	Sr4077
Units	ppm
Avg	5.207202
Stddev	.019467
%RSD	.3738527

#1	5.185644
#2	5.212468
#3	5.223495

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1045.807	1491.787	46764.73	6752.258	2377.700
Stddev	3.493	6.385	161.98	9.780	8.611
%RSD	.3340255	.4279899	.3463642	.1448334	.3621768

#1	1044.962	1491.967	46585.71	6753.618	2372.306
#2	1049.645	1485.315	46901.13	6741.869	2373.164
#3	1042.814	1498.081	46807.35	6761.286	2387.632

Sample Name: CCB003 Acquired: 7/20/2017 11:09:39 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v74) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: CCB003 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.003326	.0024463	-.001278	.0036649	-.000452	.0098607	-.000199
Stddev	.002384	.0007852	.000207	.0009030	.000640	.0013033	.000162
%RSD	71.69212	32.09746	16.16505	24.63901	141.6438	13.21749	81.44234

#1	-.005954	.0017888	-.001270	.0041705	-.000391	.0094365	-.000372
#2	-.001300	.0022345	-.001076	.0026224	.000155	.0088224	-.000050
#3	-.002725	.0033158	-.001489	.0042019	-.001119	.0113233	-.000175

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0001006	.0000662	.0101297	-.000423	-.000127	.0012340	.0131210
Stddev	.0000800	.0001825	.0062849	.000431	.000203	.0014039	.0131536
%RSD	79.55098	275.4937	62.04464	101.8714	160.0963	113.7713	100.2479

#1	.0001089	.0000733	.0126950	-.000443	-.000124	.0002169	-.000970
#2	.0001761	.0002451	.0147262	.000018	-.000331	.0006493	.025076
#3	.0000167	-.000120	.0029679	-.000844	.000075	.0028358	.015257

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0001616	.0254991	.0007253	.0005259	-.107918	-.000730	-.003811
Stddev	.0004528	.0155409	.0002366	.0000230	.074099	.001304	.018185
%RSD	280.1602	60.94678	32.62080	4.377097	68.66173	178.5977	477.1469

#1	.0000380	.0086709	.0004831	.0005525	-.097730	.000216	-.005461
#2	-.000217	.0393101	.0009558	.0005118	-.186584	-.000189	-.021116
#3	.000663	.0285163	.0007371	.0005135	-.039441	-.002217	.015143

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0377214	-.003473	.0073042	.0009904	-.005867	-.003410	.0005762
Stddev	.0239667	.000829	.0018631	.0002418	.005490	.000273	.0003483
%RSD	63.53612	23.88272	25.50676	24.41423	93.56126	7.996970	60.45839

#1	.0348298	-.004430	.0067249	.0012586	-.011280	-.003202	.0005582
#2	.0630028	-.003029	.0093881	.0009237	-.000304	-.003310	.0002372
#3	.0153317	-.002960	.0057996	.0007890	-.006018	-.003719	.0009332

Sample Name: CCB003 Acquired: 7/20/2017 11:09:39 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v74) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: CCB003 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	-.000011	.0003434	.0000600
Stddev	.000381	.0004614	.0000157
%RSD	3579.385	134.3519	26.19821

#1	-.000185	.0008527	.0000671
#2	.000427	.0002240	.0000710
#3	-.000274	-.000047	.0000420

Int. Std.	Y_ 2243	Y_ 2243	Y_ 3600	Y_ 3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1285.761	1781.458	55983.72	7404.260	3286.111
Stddev	5.761	11.660	157.13	44.997	19.203
%RSD	.4480993	.6545406	.2806650	.6077204	.5843584

#1	1279.165	1768.481	55880.64	7358.818	3264.633
#2	1288.306	1784.839	55905.94	7405.162	3292.079
#3	1289.811	1791.055	56164.56	7448.799	3301.622

Sample Name: I4232-08 Acquired: 7/20/2017 11:18:05 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v74) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MET6F0 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0587788	-.014139	.8888270	-.022690	.0052683	77.19286	1.746164
Stddev	.0068449	.004175	.0005782	.001133	.0028854	.34526	.012379
%RSD	11.64526	29.52758	.0650563	4.991557	54.76881	.4472754	.7089219

#1	.0620900	-.009685	.8889360	-.021397	.0060765	76.82482	1.732909
#2	.0633385	-.014768	.8882020	-.023507	.0020650	77.24416	1.748158
#3	.0509079	-.017964	.8893429	-.023165	.0076635	77.50961	1.757425

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0048248	.0325135	62.82114	.1435427	.0795814	.2393871	159.4564
Stddev	.0000877	.0001947	.37750	.0010087	.0002410	.0030981	.4659
%RSD	1.818354	.5989293	.6009141	.7027042	.3028148	1.294177	.2921909

#1	.0049234	.0326552	63.21993	.1436763	.0798435	.2364163	159.8792
#2	.0047555	.0322914	62.46932	.1424739	.0795311	.2425985	158.9569
#3	.0047954	.0325937	62.77418	.1444780	.0793695	.2391465	159.5331

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.115452	26.80184	.1417431	-.002331	1.475166	.1945575	2.818692
Stddev	.015152	.08829	.0008463	.000093	.060291	.0008069	.025393
%RSD	.3681842	.3294187	.5970948	3.992195	4.087097	.4147374	.9008911

#1	4.131242	26.85602	.1419757	-.002259	1.408804	.1952948	2.834108
#2	4.101030	26.69996	.1424488	-.002436	1.526571	.1946823	2.832584
#3	4.114082	26.84955	.1408047	-.002298	1.490122	.1936955	2.789383

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	17.28081	8.770490	-.421687	.0047785	1.361872	5.128430	.0217645
Stddev	.13835	.032242	.001342	.0005317	.005013	.024643	.0021171
%RSD	.8005734	.3676162	.3181497	11.12749	.3680898	.4805109	9.727388

#1	17.12225	8.807345	-.423140	.0053895	1.356430	5.100286	.0203322
#2	17.34321	8.756623	-.420495	.0044208	1.366302	5.138870	.0207649
#3	17.37696	8.747501	-.421426	.0045252	1.362884	5.146135	.0241963

Sample Name: I4232-08 Acquired: 7/20/2017 11:18:05 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v74) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MET6F0 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	1.046251	.0760704	.2929855
Stddev	.003897	.0012939	.0013750
%RSD	.3725104	1.700907	.4693065

#1	1.042583	.0746274	.2913987
#2	1.045828	.0771271	.2937328
#3	1.050343	.0764568	.2938251

Int. Std.	Y_ 2243	Y_ 2243	Y_ 3600	Y_ 3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1268.904	1769.360	56676.38	7817.644	2983.344
Stddev	5.958	2.899	142.40	5.538	3.807
%RSD	.4695299	.1638330	.2512461	.0708367	.1275929

#1	1269.722	1768.088	56524.12	7814.133	2979.009
#2	1262.580	1772.677	56698.76	7814.772	2986.140
#3	1274.411	1767.314	56806.26	7824.028	2984.883

Sample Name: I4232-09 Acquired: 7/20/2017 11:22:08 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v74) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MET6F1 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0647825	-.015068	1.052661	-.022307	.0045397	65.37447	1.447771
Stddev	.0046082	.001402	.003669	.005337	.0015308	.16466	.006450
%RSD	7.113392	9.306303	.3485001	23.92369	33.71962	.2518677	.4455184

#1	.0698590	-.016315	1.053360	-.028468	.0057860	65.29701	1.447671
#2	.0636254	-.015340	1.048693	-.019357	.0028310	65.56358	1.454271
#3	.0608630	-.013550	1.055929	-.019097	.0050021	65.26284	1.441372

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0052037	.0312772	205.9314	.1351857	.0673515	.2737826	165.3623
Stddev	.0000905	.0001564	.7356	.0007979	.0001487	.0037415	.4783
%RSD	1.739765	.5000977	.3571989	.5901866	.2208079	1.366587	.2892695

#1	.0052099	.0312460	205.8244	.1343883	.0675214	.2723167	165.4746
#2	.0051102	.0311387	205.2551	.1351847	.0672881	.2780351	164.8379
#3	.0052910	.0314469	206.7146	.1359840	.0672449	.2709960	165.7746

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	6.705165	90.92145	.1731486	-.002192	1.257088	.1864163	3.408706
Stddev	.013036	.11286	.0004339	.000076	.058748	.0029114	.037799
%RSD	.1944229	.1241264	.2505775	3.487078	4.673336	1.561761	1.108906

#1	6.697859	90.91919	.1729802	-.002107	1.318958	.1867018	3.446556
#2	6.697420	91.03543	.1736415	-.002217	1.202062	.1833727	3.370957
#3	6.720216	90.80975	.1728243	-.002253	1.250243	.1891744	3.408606

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	13.61614	8.535764	-.446625	.0051099	2.431630	7.692193	.0114939
Stddev	.13188	.018377	.003641	.0008214	.004080	.048398	.0004341
%RSD	.9685581	.2152942	.8152085	16.07470	.1677990	.6291881	3.776478

#1	13.58344	8.514779	-.443041	.0043179	2.427081	7.640981	.0119201
#2	13.76129	8.548980	-.450320	.0050538	2.432842	7.737175	.0110523
#3	13.50369	8.543534	-.446514	.0059579	2.434966	7.698423	.0115092

Sample Name: I4232-09 Acquired: 7/20/2017 11:22:08 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v74) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MET6F1 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	1.322380	.0694228	.2662184
Stddev	.001758	.0008305	.0009054
%RSD	.1329194	1.196259	.3400828

#1	1.320407	.0695568	.2658713
#2	1.323778	.0701782	.2672459
#3	1.322956	.0685335	.2655379

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1212.830	1712.859	54922.61	7691.709	2810.036
Stddev	11.236	7.608	277.13	10.805	1.738
%RSD	.9264169	.4441858	.5045750	.1404797	.0618657

#1	1200.554	1721.317	54607.15	7694.659	2812.013
#2	1222.604	1706.573	55126.84	7679.735	2809.353
#3	1215.332	1710.689	55033.85	7700.732	2808.743

Sample Name: I4232-10 Acquired: 7/20/2017 11:26:10 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v74) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MET6F2 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0743691	-.016055	.9887871	-.021574	.0047018	66.77526	1.589869
Stddev	.0067952	.004274	.0034701	.002858	.0015752	.51895	.010413
%RSD	9.137082	26.61982	.3509469	13.24742	33.50222	.7771655	.6549703

#1	.0701014	-.019343	.9917672	-.024315	.0063734	67.13703	1.600088
#2	.0822051	-.011224	.9849773	-.018612	.0032450	67.00809	1.590247
#3	.0708008	-.017598	.9896166	-.021795	.0044870	66.18067	1.579272

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0051452	.0380982	181.6770	.1047544	.0664596	.2798728	163.7127
Stddev	.0000857	.0000991	2.5484	.0002583	.0003349	.0011062	2.0362
%RSD	1.665172	.2600922	1.402703	.2465292	.5039028	.3952642	1.243765

#1	.0052436	.0381855	183.4119	.1044579	.0661680	.2811502	165.2179
#2	.0051049	.0379905	182.8679	.1048759	.0663854	.2792362	164.5242
#3	.0050871	.0381187	178.7512	.1049296	.0668253	.2792322	161.3958

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	6.222695	63.40087	.1694572	-.001753	1.057135	.1765185	2.879178
Stddev	.094957	.51002	.0008938	.000299	.145580	.0027268	.041418
%RSD	1.525973	.8044395	.5274426	17.05096	13.77114	1.544773	1.438548

#1	6.300748	63.84692	.1685772	-.001517	1.076924	.1779955	2.854487
#2	6.250357	63.51088	.1703642	-.001652	1.191807	.1781882	2.926996
#3	6.116978	62.84483	.1694303	-.002089	.902673	.1733718	2.856053

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	12.63111	8.682533	-.450313	.0048741	1.626933	4.155121	.0126023
Stddev	.09323	.029243	.005566	.0003254	.014552	.038200	.0013186
%RSD	.7380901	.3368061	1.235994	6.675119	.8944619	.9193566	10.46293

#1	12.73749	8.661600	-.456019	.0047619	1.623045	4.197760	.0110815
#2	12.56361	8.670054	-.450020	.0046197	1.614720	4.143588	.0134262
#3	12.59223	8.715946	-.444899	.0052407	1.643035	4.124017	.0132993

Sample Name: I4232-10 Acquired: 7/20/2017 11:26:10 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v74) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MET6F2 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	1.127838	.0697847	.2755947
Stddev	.015339	.0004841	.0022117
%RSD	1.360024	.6936434	.8025320

#1	1.138075	.0702705	.2773758
#2	1.135237	.0697813	.2762892
#3	1.110202	.0693024	.2731190

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1219.391	1712.263	54885.17	7673.879	2829.795
Stddev	6.288	2.994	171.82	78.614	6.918
%RSD	.5156996	.1748806	.3130472	1.024441	.2444749

#1	1222.743	1710.795	54968.53	7588.444	2830.404
#2	1212.136	1715.708	54687.57	7690.028	2836.388
#3	1223.293	1710.285	54999.40	7743.165	2822.592

Sample Name: I4232-11 Acquired: 7/20/2017 11:30:13 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v74) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MET6F3 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0683480	-.012268	1.946220	-.021831	.0036217	59.52205	1.584663
Stddev	.0003557	.002393	.003745	.001178	.0018347	.04469	.001618
%RSD	.5203615	19.50497	.1924111	5.396159	50.65966	.0750870	.1021023

#1	.0687308	-.014149	1.943698	-.020479	.0020751	59.57299	1.583054
#2	.0680278	-.009575	1.944439	-.022376	.0031411	59.50373	1.586290
#3	.0682855	-.013079	1.950523	-.022637	.0056489	59.48943	1.584645

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0057313	.0581839	118.5459	.1057445	.0598844	.4151264	146.0876
Stddev	.0000871	.0005037	.7375	.0007194	.0004550	.0017918	.2357
%RSD	1.520394	.8657078	.6221611	.6803634	.7598199	.4316186	.1613277

#1	.0057731	.0580167	117.8145	.1056868	.0593763	.4131334	145.8776
#2	.0057896	.0577850	118.5337	.1064910	.0602542	.4156420	146.0429
#3	.0056311	.0587499	119.2895	.1050556	.0600228	.4166038	146.3425

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.620315	33.31698	.1443028	-.000453	1.181611	.1647036	3.956464
Stddev	.028949	.15400	.0005826	.000104	.083697	.0014750	.033030
%RSD	.6265671	.4622397	.4037516	22.89105	7.083295	.8955185	.8348461

#1	4.587035	33.22211	.1449448	-.000471	1.104475	.1662933	3.926032
#2	4.639674	33.23415	.1438076	-.000547	1.169755	.1633795	3.991590
#3	4.634235	33.49467	.1441562	-.000342	1.270604	.1644379	3.951768

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	12.60307	8.532175	-.350031	.0084845	2.062593	4.930816	.0202745
Stddev	.01082	.098344	.003427	.0006593	.020753	.031145	.0016735
%RSD	.0858701	1.152624	.9790679	7.770790	1.006165	.6316443	8.254172

#1	12.59876	8.444582	-.346302	.0091657	2.041142	4.913066	.0194557
#2	12.59507	8.513384	-.350749	.0084384	2.064068	4.966778	.0191681
#3	12.61538	8.638558	-.353042	.0078495	2.082569	4.912604	.0221997

Sample Name: I4232-11 Acquired: 7/20/2017 11:30:13 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v74) Mode: CONC Corr. Factor: 1.000000
 User: JASWAL Custom ID1: MET6F3 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	1.136107	.0591320	.2843653
Stddev	.001804	.0004426	.0003923
%RSD	.1588034	.7484781	.1379377

#1	1.134392	.0587303	.2844751
#2	1.135940	.0596064	.2846910
#3	1.137989	.0590592	.2839299

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1229.804	1736.985	55426.15	7666.408	2938.610
Stddev	9.481	8.360	269.50	8.094	8.741
%RSD	.7709087	.4813003	.4862294	.1055711	.2974608

#1	1218.906	1745.997	55115.98	7662.730	2948.260
#2	1236.150	1735.475	55559.41	7660.806	2936.347
#3	1234.356	1729.483	55603.05	7675.687	2931.222

Sample Name: I4232-12 Acquired: 7/20/2017 11:34:17 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v74) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MET6F4 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0890501	-.031483	1.365060	-.043717	.0072480	61.87644	1.755788
Stddev	.0049616	.002602	.001111	.000743	.0006744	.22066	.009237
%RSD	5.571637	8.264211	.0813601	1.698736	9.304690	.3566156	.5260651

#1	.0895435	-.028704	1.364320	-.043311	.0078192	61.82040	1.751640
#2	.0937466	-.031885	1.366337	-.044574	.0074210	62.11972	1.766371
#3	.0838604	-.033861	1.364522	-.043266	.0065040	61.68920	1.749352

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0065968	.0601776	57.99173	.0983170	.0991085	.4086200	298.2745
Stddev	.0000328	.0001881	.36060	.0008959	.0007258	.0019461	1.5608
%RSD	.4978994	.3125456	.6218050	.9112666	.7323547	.4762666	.5232679

#1	.0065736	.0603626	58.39664	.0985891	.0984423	.4088863	299.9974
#2	.0065825	.0601837	57.87332	.0973165	.0990013	.4104192	297.8709
#3	.0066344	.0599866	57.70523	.0990453	.0998820	.4065544	296.9552

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.331714	24.89718	.1735183	-.003404	1.821226	.1875473	4.326939
Stddev	.030301	.07218	.0008000	.000523	.039082	.0012628	.064241
%RSD	.5683181	.2898996	.4610573	15.36480	2.145908	.6733199	1.484679

#1	5.366686	24.97254	.1743894	-.003804	1.848572	.1889576	4.400967
#2	5.315161	24.82867	.1733491	-.002812	1.838641	.1871630	4.294020
#3	5.313296	24.89032	.1728165	-.003595	1.776464	.1865214	4.285829

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	13.89587	9.532541	-.820703	.0136217	3.027227	3.997717	.0320281
Stddev	.04270	.032968	.000700	.0004016	.009614	.024630	.0008497
%RSD	.3072548	.3458463	.0852996	2.948404	.3175818	.6161093	2.652943

#1	13.91527	9.540380	-.819927	.0132012	3.018561	4.022998	.0328442
#2	13.92543	9.496361	-.820893	.0140013	3.025553	3.973794	.0311484
#3	13.84692	9.560884	-.821287	.0136627	3.037569	3.996360	.0320915

Sample Name: I4232-12 Acquired: 7/20/2017 11:34:17 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v74) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MET6F4 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	1.098587	.0625727	.2573379
Stddev	.001828	.0005699	.0004677
%RSD	.1664111	.9107118	.1817461

#1	1.100233	.0625917	.2576644
#2	1.098908	.0631329	.2575473
#3	1.096619	.0619936	.2568021

Int. Std.	Y_ 2243	Y_ 2243	Y_ 3600	Y_ 3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1221.919	1722.448	55753.29	7722.506	2921.493
Stddev	13.037	6.103	125.48	32.814	9.121
%RSD	1.066937	.3543204	.2250568	.4249185	.3122165

#1	1211.531	1717.414	55656.77	7692.950	2913.957
#2	1217.677	1729.236	55707.97	7716.749	2931.633
#3	1236.548	1720.694	55895.13	7757.817	2918.888

Sample Name: I4232-13 Acquired: 7/20/2017 11:38:22 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v74) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MET6F5 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0803317	-.020404	.3510888	-.030605	.0030885	68.32136	1.452244
Stddev	.0040028	.000804	.0042340	.011041	.0006693	.17755	.004264
%RSD	4.982850	3.939384	1.205967	36.07741	21.67248	.2598763	.2936241

#1	.0847353	-.020872	.3495669	-.043211	.0028692	68.31416	1.451380
#2	.0793460	-.019475	.3478260	-.025954	.0025563	68.14751	1.448478
#3	.0769138	-.020864	.3558733	-.022650	.0038400	68.50240	1.456874

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0050254	.0235834	294.4646	.1073468	.0771866	.2417544	184.3678
Stddev	.0001348	.0003747	1.4625	.0009506	.0005529	.0015070	.5474
%RSD	2.683195	1.588853	.4966671	.8855737	.7163840	.6233777	.2968837

#1	.0051724	.0235008	295.4665	.1081594	.0778184	.2404267	184.9263
#2	.0049074	.0232568	295.1409	.1063014	.0769505	.2414441	184.3446
#3	.0049963	.0239925	292.7863	.1075795	.0767909	.2433924	183.8323

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	8.238428	142.4393	.2050585	-.002569	1.370434	.2092867	1.935596
Stddev	.044711	.2231	.0014416	.000147	.078510	.0020939	.006774
%RSD	.5427175	.1566316	.7030036	5.727761	5.728836	1.000513	.3499494

#1	8.257682	142.5200	.2043769	-.002738	1.399803	.2090230	1.930237
#2	8.270287	142.6109	.2040842	-.002489	1.281473	.2073371	1.943210
#3	8.187315	142.1871	.2067145	-.002479	1.430025	.2115000	1.933343

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	10.65334	8.376835	-.522748	.0049711	1.884602	4.407690	.0074109
Stddev	.03728	.021169	.002051	.0002503	.017670	.030617	.0005264
%RSD	.3499408	.2527092	.3924184	5.035107	.9375994	.6946320	7.102935

#1	10.62389	8.353356	-.523047	.0047893	1.886759	4.373492	.0075411
#2	10.64088	8.382686	-.524634	.0052566	1.865952	4.417027	.0068316
#3	10.69525	8.394463	-.520564	.0048674	1.901094	4.432552	.0078599

Sample Name: I4232-13 Acquired: 7/20/2017 11:38:22 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v74) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MET6F5 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	1.222712	.0759005	.2646805
Stddev	.004352	.0003212	.0005804
%RSD	.3559111	.4231535	.2192850

#1	1.226983	.0761164	.2640287
#2	1.218284	.0755315	.2648712
#3	1.222869	.0760537	.2651415

Int. Std.	Y_ 2243	Y_ 2243	Y_ 3600	Y_ 3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1191.856	1693.316	54180.78	7721.404	2706.037
Stddev	9.601	14.775	157.02	20.036	15.034
%RSD	.8055705	.8725292	.2897994	.2594898	.5555701

#1	1199.795	1691.914	54205.49	7728.186	2704.931
#2	1181.185	1708.742	54012.88	7698.857	2721.594
#3	1194.589	1679.293	54323.98	7737.169	2691.587

Sample Name: I4232-14 Acquired: 7/20/2017 11:42:24 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v74) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MET6F6 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0721486	-.020404	1.185653	-.025480	.0016758	66.62702	1.322298
Stddev	.0045412	.001781	.005482	.003056	.0017405	.07268	.004075
%RSD	6.294215	8.728955	.4623764	11.99507	103.8571	.1090894	.3081590

#1	.0762796	-.021592	1.191760	-.028971	.0028606	66.64499	1.319309
#2	.0672860	-.018357	1.181156	-.024189	-.000322	66.68903	1.326940
#3	.0728802	-.021265	1.184043	-.023282	.002489	66.54703	1.320647

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0049939	.0302830	306.4976	.1095879	.0667635	.2661867	163.5839
Stddev	.0000767	.0003309	3.3754	.0003582	.0003868	.0016395	1.2021
%RSD	1.534767	1.092638	1.101285	.3268183	.5792775	.6159361	.7348490

#1	.0049077	.0301943	306.6542	.1095841	.0672014	.2648230	163.1407
#2	.0050542	.0300055	309.7920	.1099480	.0666202	.2680058	164.9447
#3	.0050200	.0306492	303.0467	.1092317	.0664688	.2657312	162.6663

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.975672	149.7767	.1729109	-.002535	1.334610	.1854779	1.940615
Stddev	.054369	.9506	.0003585	.000301	.108488	.0010184	.026032
%RSD	.9098364	.6347026	.2073028	11.85456	8.128850	.5490772	1.341427

#1	5.964167	149.9779	.1725049	-.002204	1.238426	.1864071	1.911148
#2	6.034873	150.6106	.1731837	-.002609	1.452209	.1856375	1.960489
#3	5.927977	148.7415	.1730441	-.002792	1.313196	.1843891	1.950210

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	9.940719	8.380834	-.455708	.0043450	1.182516	3.774122	.0116206
Stddev	.019152	.056751	.001292	.0004721	.003024	.032225	.0011793
%RSD	.1926601	.6771561	.2836169	10.86432	.2557429	.8538513	10.14790

#1	9.920935	8.442107	-.454452	.0040706	1.179191	3.784197	.0129792
#2	9.942052	8.330075	-.455639	.0040743	1.183255	3.800107	.0108621
#3	9.959169	8.370322	-.457034	.0048901	1.185102	3.738063	.0110205

Sample Name: I4232-14 Acquired: 7/20/2017 11:42:24 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v74) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MET6F6 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	1.237341	.0800711	.2918348
Stddev	.005467	.0006753	.0008438
%RSD	.4418101	.8433920	.2891308

#1	1.237189	.0796118	.2910084
#2	1.242882	.0808465	.2926949
#3	1.231951	.0797550	.2918012

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1177.162	1671.909	53398.61	7614.069	2709.665
Stddev	10.347	12.570	150.29	35.595	9.380
%RSD	.8789679	.7518160	.2814488	.4674864	.3461626

#1	1188.761	1658.466	53533.60	7629.890	2699.670
#2	1173.847	1683.369	53425.57	7573.306	2718.275
#3	1168.880	1673.893	53236.67	7639.011	2711.049

Sample Name: I4232-16 Acquired: 7/20/2017 11:46:24 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v74) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MET6F8 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0947083	-.019934	2.263041	-.035828	.0037248	70.22328	1.577404
Stddev	.0037207	.001776	.011758	.003061	.0005667	.07266	.005118
%RSD	3.928548	8.911462	.5195500	8.544333	15.21519	.1034656	.3244875

#1	.0943865	-.019097	2.268746	-.039175	.0042520	70.20274	1.576370
#2	.0911591	-.021974	2.249519	-.033171	.0037971	70.30400	1.582961
#3	.0985795	-.018731	2.270857	-.035138	.0031254	70.16311	1.572882

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0095633	.0829638	78.59899	.1124876	.0718444	.3901879	246.4318
Stddev	.0001114	.0006264	.37630	.0003394	.0007771	.0021945	.5695
%RSD	1.165166	.7550863	.4787555	.3017209	1.081621	.5624169	.2311045

#1	.0096186	.0828766	78.21774	.1126043	.0727355	.3926891	245.8269
#2	.0096363	.0823854	78.60909	.1121052	.0714897	.3885857	246.9577
#3	.0094351	.0836292	78.97013	.1127532	.0713078	.3892889	246.5109

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.149383	29.11659	.1852875	-.002398	2.469651	.2310760	4.633874
Stddev	.011883	.17094	.0009644	.000284	.066617	.0022000	.043772
%RSD	.2863871	.5871041	.5204874	11.83857	2.697412	.9520598	.9446005

#1	4.136809	29.23394	.1863690	-.002554	2.514738	.2286345	4.611748
#2	4.150914	29.19537	.1845168	-.002569	2.501081	.2316888	4.605581
#3	4.160427	28.92046	.1849768	-.002070	2.393134	.2329046	4.684291

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	11.53221	7.063984	-.443188	.0571668	5.068313	4.190765	.0835455
Stddev	.05435	.015612	.003481	.0005629	.016714	.013566	.0005654
%RSD	.4713008	.2210122	.7854230	.9846344	.3297745	.3237207	.6767598

#1	11.53887	7.082012	-.441817	.0578101	5.053538	4.202175	.0839855
#2	11.58293	7.054990	-.447146	.0567651	5.064949	4.194355	.0829078
#3	11.47484	7.054951	-.440602	.0569251	5.086454	4.175765	.0837432

Sample Name: I4232-16 Acquired: 7/20/2017 11:46:24 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v74) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MET6F8 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	1.339027	.0784840	.3298883
Stddev	.001409	.0005234	.0007634
%RSD	.1052031	.6668423	.2313986

#1	1.339891	.0781618	.3298872
#2	1.339789	.0790879	.3306522
#3	1.337401	.0782023	.3291255

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1206.332	1702.644	55253.36	7710.443	2880.123
Stddev	11.224	2.739	229.91	10.049	1.975
%RSD	.9303832	.1608550	.4161020	.1303308	.0685675

#1	1209.681	1702.323	55228.06	7720.437	2878.152
#2	1215.499	1700.080	55494.87	7700.340	2882.101
#3	1193.815	1705.529	55037.14	7710.554	2880.115

Sample Name: I4232-17 Acquired: 7/20/2017 11:50:24 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v74) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MET6F9 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0911100	-.019647	1.953345	-.030878	.0051005	68.51599	1.439865
Stddev	.0024729	.000535	.002566	.002839	.0023803	.01552	.000440
%RSD	2.714141	2.724207	.1313816	9.193198	46.66735	.0226449	.0305378

#1	.0924605	-.019967	1.951302	-.033771	.0065058	68.53354	1.439487
#2	.0926136	-.019029	1.952507	-.028096	.0023522	68.50410	1.439762
#3	.0882560	-.019945	1.956226	-.030768	.0064434	68.51034	1.440348

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0095228	.0789090	79.41232	.1006371	.0665709	.3529857	218.9262
Stddev	.0000755	.0005014	.41631	.0002780	.0007311	.0008010	.9805
%RSD	.7927294	.6354477	.5242381	.2762799	1.098148	.2269235	.4478602

#1	.0095936	.0794649	79.39842	.1003229	.0664680	.3535531	218.6911
#2	.0095315	.0784910	79.83540	.1007370	.0658968	.3520694	220.0028
#3	.0094434	.0787709	79.00313	.1008513	.0673480	.3533345	218.0846

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	3.430146	29.18213	.1826573	-.002886	2.456359	.2267125	5.657040
Stddev	.017627	.13425	.0009192	.000150	.060734	.0004469	.058725
%RSD	.5138739	.4600274	.5032306	5.182244	2.472532	.1971168	1.038093

#1	3.434193	29.06903	.1827546	-.002988	2.388435	.2267361	5.665906
#2	3.445398	29.33048	.1816934	-.002714	2.475208	.2262542	5.594385
#3	3.410849	29.14687	.1835240	-.002955	2.505434	.2271471	5.710827

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	11.40046	6.780575	-.300196	.0502434	4.226471	4.734257	.0225440
Stddev	.02564	.021408	.004622	.0003948	.008188	.012803	.0015290
%RSD	.2248828	.3157231	1.539600	.7857800	.1937288	.2704336	6.782355

#1	11.37303	6.796149	-.305533	.0502617	4.235728	4.743479	.0232415
#2	11.40451	6.789412	-.297550	.0506288	4.220180	4.739653	.0207906
#3	11.42382	6.756163	-.297506	.0498398	4.223504	4.719639	.0235999

Sample Name: I4232-17 Acquired: 7/20/2017 11:50:24 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v74) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MET6F9 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	1.326453	.0733758	.3348503
Stddev	.003599	.0005472	.0001174
%RSD	.2713273	.7456953	.0350582

#1	1.324613	.0734317	.3348356
#2	1.330600	.0738928	.3349743
#3	1.324146	.0728028	.3347409

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1215.787	1706.075	55393.13	7721.272	2893.249
Stddev	7.539	10.750	83.00	26.638	8.781
%RSD	.6200517	.6301065	.1498370	.3450003	.3034856

#1	1211.332	1717.376	55309.70	7708.446	2899.839
#2	1224.491	1704.872	55475.69	7703.474	2896.628
#3	1211.538	1695.977	55394.01	7751.897	2883.281

Sample Name: I4232-18 Acquired: 7/20/2017 11:54:24 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v74) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MET6G0 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0668130	-.016316	1.592991	-.023161	.0057128	71.64183	1.614051
Stddev	.0025178	.002787	.007794	.001841	.0030774	.19050	.005869
%RSD	3.768491	17.08466	.4892675	7.948974	53.86874	.2659129	.3636169

#1	.0697081	-.016629	1.593286	-.021325	.0089173	71.82367	1.620808
#2	.0655962	-.018933	1.600634	-.023150	.0027806	71.44371	1.611123
#3	.0651346	-.013384	1.585054	-.025007	.0054405	71.65811	1.610222

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0058438	.0395208	122.3197	.1333228	.0646722	.3538245	173.9942
Stddev	.0001430	.0003811	.1477	.0005220	.0003067	.0011104	.0798
%RSD	2.447376	.9644050	.1207288	.3915617	.4742624	.3138154	.0458823

#1	.0056787	.0390808	122.1814	.1336646	.0644266	.3544632	174.0368
#2	.0059258	.0397503	122.3024	.1335818	.0645740	.3525424	174.0438
#3	.0059270	.0397311	122.4752	.1327219	.0650160	.3544679	173.9021

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.577768	55.44782	.1608278	-.001578	1.235966	.2082695	2.820434
Stddev	.001906	.16242	.0004228	.000502	.083407	.0015830	.031680
%RSD	.0416412	.2929180	.2629137	31.85134	6.748344	.7600915	1.123246

#1	4.579480	55.63184	.1604314	-.002106	1.162806	.2075557	2.809600
#2	4.575714	55.32446	.1607791	-.001105	1.218301	.2100838	2.795591
#3	4.578110	55.38717	.1612729	-.001522	1.326791	.2071691	2.856110

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	17.57170	10.57804	-.468040	.0114875	2.794255	7.302849	.0324840
Stddev	.04575	.01766	.001237	.0004868	.008680	.058883	.0004982
%RSD	.2603376	.1669352	.2643770	4.237664	.3106343	.8063003	1.533585

#1	17.58406	10.58399	-.468652	.0110717	2.795213	7.249212	.0319616
#2	17.52104	10.59196	-.468852	.0113678	2.785137	7.365855	.0329538
#3	17.60999	10.55818	-.466616	.0120229	2.802417	7.293480	.0325367

Sample Name: I4232-18 Acquired: 7/20/2017 11:54:24 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v74) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MET6G0 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	1.421692	.0722802	.2717136
Stddev	.005239	.0005805	.0002961
%RSD	.3684889	.8031676	.1089811

#1	1.425940	.0729416	.2720083
#2	1.415838	.0720441	.2717166
#3	1.423298	.0718549	.2714161

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1210.979	1699.010	54699.63	7589.401	2853.264
Stddev	12.863	7.915	228.43	11.309	7.369
%RSD	1.062219	.4658390	.4176124	.1490105	.2582493

#1	1206.457	1690.681	54643.28	7577.910	2845.011
#2	1225.493	1706.432	54950.96	7589.773	2855.598
#3	1200.988	1699.917	54504.64	7600.519	2859.183

Sample Name: I4232-19 Acquired: 7/20/2017 11:58:25 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v74) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MET6G1 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0878488	-.012971	2.056823	-.023456	.0073313	79.55524	1.887784
Stddev	.0054666	.001467	.008131	.007900	.0012767	.10760	.001975
%RSD	6.222692	11.31205	.3953351	33.68005	17.41501	.1352513	.1046251

#1	.0939251	-.013974	2.049844	-.020256	.0068823	79.43504	1.885695
#2	.0862911	-.011287	2.054872	-.017657	.0063396	79.58810	1.888037
#3	.0833301	-.013652	2.065752	-.032453	.0087718	79.64258	1.889620

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0070343	.0549685	46.03732	.1289747	.0734401	.3798166	182.4905
Stddev	.0002349	.0001180	.07516	.0000655	.0005861	.0005461	.2475
%RSD	3.339453	.2147367	.1632595	.0507727	.7980911	.1437916	.1356263

#1	.0070242	.0548332	46.01123	.1289728	.0739106	.3794574	182.4826
#2	.0068046	.0550220	45.97868	.1289102	.0727836	.3804451	182.2470
#3	.0072741	.0550504	46.12205	.1290411	.0736262	.3795473	182.7418

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.219463	24.89478	.1813842	-.001095	1.429361	.2040194	4.074572
Stddev	.004735	.03039	.0015382	.000085	.054498	.0036219	.023785
%RSD	.0907219	.1220708	.8480129	7.772232	3.812733	1.775273	.5837512

#1	5.220940	24.86770	.1796424	-.001177	1.485792	.2080442	4.093380
#2	5.214166	24.88899	.1819542	-.001100	1.425265	.2010227	4.082500
#3	5.223284	24.92765	.1825560	-.001007	1.377027	.2029914	4.047835

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	19.14686	11.73745	-.462161	.0152986	5.539126	2.898918	.1056314
Stddev	.06795	.10323	.005081	.0003210	.026087	.019206	.0009016
%RSD	.3548856	.8794819	1.099327	2.097976	.4709530	.6625165	.8535579

#1	19.08660	11.62256	-.457650	.0151760	5.515154	2.881662	.1055568
#2	19.13348	11.76743	-.461169	.0156628	5.535317	2.895482	.1047694
#3	19.22051	11.82238	-.467665	.0150570	5.566908	2.919610	.1065680

Sample Name: I4232-19 Acquired: 7/20/2017 11:58:25 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v74) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MET6G1 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	1.133235	.0777510	.2845645
Stddev	.002617	.0005170	.0003010
%RSD	.2309541	.6649757	.1057788

#1	1.134618	.0775894	.2842282
#2	1.130217	.0773341	.2846563
#3	1.134871	.0783295	.2848088

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1210.123	1700.614	55376.16	7715.504	2914.375
Stddev	4.373	10.471	193.18	13.895	15.409
%RSD	.3613333	.6157402	.3488541	.1800956	.5287180

#1	1205.085	1700.337	55207.68	7717.929	2915.573
#2	1212.355	1711.222	55333.78	7728.027	2929.149
#3	1212.929	1690.285	55587.01	7700.556	2898.402

Sample Name: I4232-15 Acquired: 7/20/2017 12:02:25 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v74) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MET6F7 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0724158	-.014272	2.459599	-.025555	.0042030	72.79873	1.762659
Stddev	.0037021	.002846	.006220	.003808	.0013226	.17720	.007445
%RSD	5.112307	19.94066	.2528987	14.90294	31.46900	.2434138	.4223999

#1	.0765719	-.011539	2.453118	-.028433	.0057233	72.89101	1.765528
#2	.0712040	-.017218	2.460159	-.026996	.0035688	72.91075	1.768242
#3	.0694714	-.014058	2.465520	-.021236	.0033169	72.59444	1.754205

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0056752	.0507908	358.7546	.1210485	.0682684	.3270891	165.9603
Stddev	.0000730	.0002228	.8367	.0013095	.0003703	.0023280	.1189
%RSD	1.285890	.4386314	.2332296	1.081794	.5424559	.7117392	.0716468

#1	.0056726	.0508629	358.1068	.1196306	.0678429	.3294468	166.0894
#2	.0056036	.0509685	358.4578	.1213023	.0684438	.3270286	165.8554
#3	.0057495	.0505408	359.6993	.1222124	.0685183	.3247919	165.9361

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.229350	84.28523	.1865875	-.002003	1.533591	.1926749	3.269386
Stddev	.001136	.16659	.0003320	.000104	.088620	.0002803	.007997
%RSD	.0217144	.1976551	.1779345	5.168674	5.778580	.1454841	.2445983

#1	5.229615	84.22779	.1862115	-.002097	1.570172	.1927984	3.261516
#2	5.230330	84.15495	.1867103	-.002021	1.432537	.1928723	3.269139
#3	5.228105	84.47294	.1868405	-.001892	1.598065	.1923541	3.277504

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	13.64465	9.336170	-.448171	.0083239	2.658333	7.930817	.0138134
Stddev	.04723	.067378	.001859	.0006219	.021828	.037613	.0004174
%RSD	.3461512	.7216873	.4148845	7.471807	.8211015	.4742608	3.022058

#1	13.68209	9.261467	-.450208	.0089623	2.663346	7.958146	.0142791
#2	13.66027	9.354698	-.447739	.0077198	2.677218	7.887920	.0134727
#3	13.59159	9.392346	-.446565	.0082894	2.634435	7.946385	.0136885

Sample Name: I4232-15 Acquired: 7/20/2017 12:02:25 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v74) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MET6F7 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	1.163336	.0833837	.5936065
Stddev	.003918	.0009188	.0019510
%RSD	.3368281	1.101938	.3286713

#1	1.159568	.0838444	.5953810
#2	1.163051	.0839810	.5939214
#3	1.167389	.0823256	.5915172

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1177.384	1652.271	53182.12	7528.546	2688.819
Stddev	5.870	5.672	39.10	20.704	6.909
%RSD	.4985555	.3432558	.0735221	.2750063	.2569587

#1	1177.092	1657.699	53174.27	7504.772	2693.845
#2	1171.666	1652.730	53147.53	7542.618	2691.672
#3	1183.395	1646.384	53224.55	7538.246	2680.940

Sample Name: I4232-20 Acquired: 7/20/2017 12:06:25 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v74) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MET6G6 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0776831	-.014870	.6676223	-.024143	.0028114	69.30472	1.815107
Stddev	.0023638	.002862	.0182940	.002963	.0010654	.04685	.005778
%RSD	3.042932	19.24671	2.740165	12.27070	37.89433	.0675947	.3183328

#1	.0751122	-.013079	.6489507	-.020740	.0026177	69.34928	1.817436
#2	.0797627	-.018171	.6684024	-.025549	.0039603	69.30900	1.808528
#3	.0781742	-.013360	.6855137	-.026141	.0018562	69.25588	1.819357

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0051163	.0414906	56.64605	.1092181	.0707025	.2607741	151.1814
Stddev	.0001651	.0012091	.39607	.0005109	.0026988	.0004465	1.1456
%RSD	3.225983	2.914184	.6992065	.4677546	3.817058	.1712159	.7577496

#1	.0052950	.0401543	57.05152	.1095018	.0676353	.2602592	152.4206
#2	.0049696	.0418083	56.26010	.1095241	.0717591	.2610553	150.1610
#3	.0050843	.0425091	56.62653	.1086283	.0727131	.2610076	150.9627

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.964632	32.21079	.1649988	-.001339	1.067021	.1785454	3.439817
Stddev	.046910	.04648	.0053241	.000326	.004494	.0072112	.046091
%RSD	.7864661	.1443013	3.226737	24.34553	.4211744	4.038882	1.339930

#1	6.017780	32.26425	.1594560	-.001549	1.065821	.1811536	3.476084
#2	5.929004	32.18817	.1654673	-.001504	1.063248	.1840897	3.387950
#3	5.947112	32.17995	.1700732	-.000963	1.071992	.1703930	3.455418

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	15.88064	7.487659	-.407509	.0029866	1.595153	5.053115	.0107707
Stddev	.07603	.216751	.003151	.0005961	.050021	.042363	.0017747
%RSD	.4787318	2.894779	.7731616	19.95862	3.135822	.8383496	16.47719

#1	15.81342	7.253083	-.408751	.0032637	1.541576	5.096606	.0093144
#2	15.86534	7.529372	-.403927	.0033937	1.603254	5.011979	.0127475
#3	15.96315	7.680522	-.409849	.0023024	1.640630	5.050759	.0102504

Sample Name: I4232-20 Acquired: 7/20/2017 12:06:25 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v74) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MET6G6 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	1.123407	.0751972	.2588533
Stddev	.005839	.0004765	.0008827
%RSD	.5197321	.6336354	.3410182

#1	1.130000	.0753107	.2597366
#2	1.121332	.0746742	.2579711
#3	1.118889	.0756067	.2588522

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1226.782	1761.761	55652.88	7805.926	2988.985
Stddev	1.777	31.883	23.18	51.541	59.208
%RSD	.1448307	1.809730	.0416515	.6602847	1.980865

#1	1225.458	1793.418	55658.41	7759.279	3052.128
#2	1226.086	1762.208	55672.80	7861.258	2980.115
#3	1228.801	1729.656	55627.44	7797.241	2934.714

Sample Name: I4232-21 Acquired: 7/20/2017 12:10:28 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v74) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MET6G6D Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0833852	-.015446	.6842067	-.019503	.0038195	69.57038	1.830229
Stddev	.0025740	.001172	.0041264	.002225	.0006985	.32485	.009817
%RSD	3.086826	7.588334	.6030913	11.40711	18.28853	.4669412	.5363660

#1	.0863510	-.014225	.6806588	-.017438	.0038470	69.24792	1.820388
#2	.0817353	-.015551	.6832263	-.019212	.0031076	69.56565	1.830278
#3	.0820691	-.016562	.6887350	-.021859	.0045039	69.89758	1.840021

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0052601	.0424535	57.34417	.1093169	.0721376	.2637730	152.7595
Stddev	.0000755	.0004461	.11091	.0002085	.0006891	.0008359	.5032
%RSD	1.434648	1.050840	.1934079	.1906998	.9553168	.3168857	.3293741

#1	.0051733	.0429131	57.33166	.1090767	.0727205	.2628155	152.5231
#2	.0052965	.0424252	57.24005	.1094235	.0723152	.2643567	152.4181
#3	.0053104	.0420222	57.46080	.1094505	.0713770	.2641468	153.3373

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	6.034646	32.44048	.1686595	-.000969	1.128839	.1826877	3.413718
Stddev	.018891	.30681	.0003000	.000172	.024351	.0019565	.024254
%RSD	.3130457	.9457722	.1778968	17.72671	2.157162	1.070947	.7105006

#1	6.022366	32.13625	.1685064	-.001067	1.127935	.1849088	3.386441
#2	6.025172	32.43537	.1684668	-.001069	1.153629	.1812197	3.421856
#3	6.056399	32.74981	.1690052	-.000771	1.104953	.1819346	3.432857

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	15.90850	7.597947	-.414267	.0036192	1.603772	5.103001	.0124423
Stddev	.03330	.032515	.004305	.0002845	.004278	.014294	.0021286
%RSD	.2093213	.4279401	1.039158	7.861033	.2667274	.2801148	17.10803

#1	15.87414	7.623831	-.412051	.0033017	1.601651	5.112807	.0101371
#2	15.94063	7.561453	-.411521	.0037051	1.608696	5.086600	.0143335
#3	15.91074	7.608558	-.419228	.0038509	1.600970	5.109596	.0128565

Sample Name: I4232-21 Acquired: 7/20/2017 12:10:28 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v74) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MET6G6D Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	1.126567	.0760350	.2601176
Stddev	.001997	.0003455	.0003888
%RSD	.1772519	.4543546	.1494595

#1	1.125177	.0762313	.2596764
#2	1.125669	.0756361	.2602665
#3	1.128856	.0762376	.2604099

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1229.110	1738.698	55407.66	7742.239	2944.416
Stddev	7.579	6.749	145.47	6.983	10.601
%RSD	.6166019	.3881513	.2625418	.0901923	.3600418

#1	1236.244	1736.945	55240.49	7742.989	2939.810
#2	1221.154	1746.151	55505.43	7748.817	2956.541
#3	1229.932	1732.999	55477.06	7734.912	2936.897

Sample Name: I4232-22 Acquired: 7/20/2017 12:14:32 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v74) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MET6G6S Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1579137	.1032261	.7228747	.0664741	.0877932	79.91644	5.552355
Stddev	.0046109	.0049575	.0011948	.0050966	.0015477	.22136	.007015
%RSD	2.919898	4.802516	.1652769	7.666997	1.762844	.2769900	.1263421

#1	.1537221	.1073922	.7242541	.0696682	.0864642	79.68061	5.544449
#2	.1628526	.0977432	.7222049	.0691577	.0894924	79.94901	5.557834
#3	.1571665	.1045429	.7221652	.0605965	.0874229	80.11972	5.554783

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0825887	.1312948	56.73054	.5092745	.9685164	.7474702	175.7242
Stddev	.0000273	.0004645	.08427	.0006463	.0001150	.0036450	.2639
%RSD	.0330500	.3537833	.1485461	.1269073	.0118712	.4876458	.1501644

#1	.0825672	.1318311	56.69328	.5085288	.9683923	.7514866	176.0149
#2	.0826194	.1310327	56.82702	.5096211	.9686194	.7465515	175.6578
#3	.0825796	.1310205	56.67133	.5096736	.9685375	.7443723	175.4998

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	7.582947	33.68075	1.050594	.0379104	1.240992	1.030533	4.085435
Stddev	.020219	.05413	.000794	.0002475	.013553	.003400	.052009
%RSD	.2666399	.1607118	.0755713	.6527616	1.092144	.3299632	1.273042

#1	7.605764	33.69265	1.050116	.0376973	1.225343	1.026643	4.068941
#2	7.567256	33.72793	1.051510	.0378520	1.248657	1.032941	4.143692
#3	7.575820	33.62165	1.050155	.0381818	1.248977	1.032013	4.043673

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	17.41250	8.254990	-.478516	.0043862	1.235911	4.984866	.0151489
Stddev	.05962	.068565	.002486	.0003745	.005780	.029510	.0006369
%RSD	.3424196	.8305835	.5194969	8.537421	.4676445	.5919881	4.203946

#1	17.48126	8.334160	-.479758	.0042918	1.242508	5.012548	.0147084
#2	17.37509	8.214984	-.475654	.0047989	1.233491	4.953818	.0158791
#3	17.38116	8.215826	-.480136	.0040680	1.231736	4.988234	.0148592

Sample Name: I4232-22 Acquired: 7/20/2017 12:14:32 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v74) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MET6G6S Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	1.156407	.0807459	.2729173
Stddev	.003614	.0006224	.0000802
%RSD	.3125347	.7707596	.0293722

#1	1.157283	.0812046	.2730098
#2	1.159503	.0809956	.2728748
#3	1.152435	.0800374	.2728674

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1222.315	1713.565	55297.70	7698.152	2911.119
Stddev	4.058	2.445	111.51	27.016	3.334
%RSD	.3319706	.1426923	.2016464	.3509392	.1145196

#1	1219.393	1714.761	55189.26	7666.966	2909.120
#2	1220.604	1710.752	55412.04	7714.393	2909.269
#3	1226.948	1715.181	55291.81	7713.097	2914.968

Sample Name: I4232-20LX5 Acquired: 7/20/2017 12:18:32 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v74) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MET6G6L Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0165198	-.001135	.1350655	-.002645	.0003534	14.39342	.3811244
Stddev	.0058491	.001498	.0017427	.001196	.0017614	.02387	.0001450
%RSD	35.40642	131.9915	1.290247	45.20155	498.4854	.1658198	.0380309

#1	.0105118	-.002125	.1370367	-.001308	-.001144	14.42071	.3810677
#2	.0168518	-.001867	.1344301	-.003610	-.000090	14.38315	.3810165
#3	.0221957	.000588	.1337296	-.003019	.002294	14.37641	.3812892

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0012407	.0082941	12.10216	.0241228	.0132085	.0566007	33.01665
Stddev	.0000428	.0001204	.10849	.0001876	.0002405	.0019635	.15616
%RSD	3.445722	1.452026	.8964169	.7778055	1.820854	3.468974	.4729883

#1	.0012225	.0082429	12.10900	.0239341	.0129837	.0573801	33.03668
#2	.0012895	.0084317	11.99042	.0241250	.0134621	.0580548	32.85144
#3	.0012100	.0082077	12.20707	.0243094	.0131796	.0543672	33.16184

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.306150	6.800297	.0336314	.0001281	.0516242	.0353921	.7189270
Stddev	.005991	.048303	.0001270	.0001393	.0067995	.0033028	.0084499
%RSD	.4587057	.7103028	.3775214	108.7649	13.17126	9.331894	1.175343

#1	1.309241	6.785623	.0334857	.0002881	.0437817	.0355156	.7109168
#2	1.299244	6.761033	.0336899	.0000338	.0558700	.0320293	.7277568
#3	1.309964	6.854235	.0337185	.0000623	.0552208	.0386313	.7181075

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	3.263764	1.546114	-.091993	.0004930	.3266730	1.148738	.0020262
Stddev	.035782	.006002	.000664	.0003207	.0012888	.008978	.0013144
%RSD	1.096337	.3882195	.7223078	65.04093	.3945262	.7815495	64.86929

#1	3.227618	1.542140	-.092093	.0001234	.3254856	1.144927	.0005244
#2	3.264503	1.543182	-.091284	.0006593	.3280436	1.158993	.0029669
#3	3.299170	1.553018	-.092602	.0006965	.3264898	1.142295	.0025874

Sample Name: I4232-20LX5 Acquired: 7/20/2017 12:18:32 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v74) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MET6G6L Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.2395598	.0147371	.0547024
Stddev	.0013891	.0002054	.0001223
%RSD	.5798448	1.394052	.2236071

#1	.2403130	.0148631	.0548436
#2	.2404096	.0145000	.0546303
#3	.2379568	.0148481	.0546333

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1231.928	1716.100	54215.22	7348.885	3172.986
Stddev	3.900	2.589	105.37	32.668	10.805
%RSD	.3165579	.1508539	.1943587	.4445248	.3405408

#1	1234.858	1713.395	54105.69	7311.428	3170.376
#2	1227.502	1718.554	54315.88	7371.473	3184.857
#3	1233.423	1716.351	54224.09	7363.755	3163.725

Sample Name: PB100765BL Acquired: 7/20/2017 12:22:39 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v74) 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	-.002300	.0003131	-.000267	.0034089	-.000162	.0001173	-.000368
Stddev	.001753	.0008574	.002472	.0016013	.001961	.0071991	.000087
%RSD	76.23770	273.8354	924.6709	46.97387	1208.225	6139.647	23.72805

#1	-.004136	-.000316	.002467	.0016092	.002071	-.004706	-.000356
#2	-.002120	.001290	-.002344	.0039415	-.001602	-.003334	-.000460
#3	-.000643	-.000035	-.000925	.0046760	-.000956	.008392	-.000287

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0000788	-.000020	-.002812	-.000764	-.000207	.0014831	-.003624
Stddev	.0000903	.000235	.009968	.000172	.000154	.0008725	.004926
%RSD	114.6287	1171.739	354.4158	22.52287	74.36803	58.83002	135.9295

#1	.0001608	-.000288	.008502	-.000719	-.000075	.0008822	.001533
#2	.0000936	.000148	-.006643	-.000953	-.000376	.0010833	-.008280
#3	-.000018	.000080	-.010296	-.000618	-.000169	.0024839	-.004124

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000033	-.005603	.0007637	.0007465	-.168971	.0008100	.0085901
Stddev	.000671	.027245	.0004316	.0003902	.031205	.0022845	.0188579
%RSD	2011.846	486.2824	56.51264	52.27473	18.46760	282.0168	219.5308

#1	-.000425	.005056	.0002750	.0009659	-.205000	-.000893	.0301520
#2	.000742	.014702	.0010927	.0009776	-.150557	-.000083	.0004422
#3	-.000417	-.036566	.0009234	.0002959	-.151354	.003406	-.004824

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0251138	-.001326	-.004674	-.000020	-.002850	-.003263	.0006246
Stddev	.0186151	.001198	.000470	.000376	.005708	.000856	.0015168
%RSD	74.12304	90.34689	10.06106	1913.983	200.2994	26.23923	242.8271

#1	.0216302	-.002364	-.005213	-.000375	.001136	-.002797	-.000946
#2	.0084865	-.001601	-.004350	.000375	-.009388	-.004251	.000738
#3	.0452245	-.000015	-.004457	-.000058	-.000297	-.002741	.002082

Sample Name: PB100765BL Acquired: 7/20/2017 12:22:39 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v74) 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	.0001911	-.001380	-.000064
Stddev	.0005780	.000255	.000001
%RSD	302.3811	18.49451	1.783409

#1	-.000410	-.001330	-.000064
#2	.000743	-.001154	-.000063
#3	.000241	-.001657	-.000065

Int. Std.	Y_ 2243	Y_ 2243	Y_ 3600	Y_ 3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1240.168	1711.645	54384.71	7289.154	3210.215
Stddev	10.357	6.686	185.65	41.217	8.806
%RSD	.8351309	.3906147	.3413562	.5654632	.2743107

#1	1228.501	1705.696	54200.04	7257.133	3202.315
#2	1243.724	1710.359	54382.77	7274.670	3208.621
#3	1248.278	1718.881	54571.31	7335.658	3219.709

Sample Name: I4233-01 Acquired: 7/20/2017 12:31:00 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v74) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MET6G2 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1150802	-.013591	1.588030	-.022642	.0051369	73.93637	1.827214
Stddev	.0042905	.003319	.008724	.003605	.0008786	.24909	.005564
%RSD	3.728254	24.42415	.5493457	15.91993	17.10323	.3368949	.3045268

#1	.1167304	-.016113	1.591976	-.025283	.0052182	74.20535	1.832807
#2	.1102097	-.009830	1.578030	-.024108	.0059720	73.89009	1.827155
#3	.1183006	-.014829	1.594083	-.018536	.0042205	73.71367	1.821679

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0095205	.0502990	55.14270	.1147519	.0735193	.3330102	180.0276
Stddev	.0002573	.0002656	.14274	.0009690	.0003530	.0031801	.6647
%RSD	2.702690	.5281503	.2588647	.8443988	.4801326	.9549471	.3692459

#1	.0097719	.0499989	55.30240	.1158121	.0738951	.3364976	180.5433
#2	.0095320	.0505040	55.09818	.1145312	.0734680	.3322621	180.2623
#3	.0092577	.0503941	55.02752	.1139123	.0731947	.3302708	179.2774

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.386527	17.91452	.1537199	-.001401	2.443243	.2022799	5.408687
Stddev	.014602	.09991	.0006746	.000427	.003606	.0042216	.081290
%RSD	.2710855	.5577126	.4388520	30.46103	.1475732	2.087018	1.502957

#1	5.389061	18.01220	.1542352	-.001654	2.446387	.2029454	5.314960
#2	5.399696	17.91883	.1529563	-.000908	2.439308	.2061293	5.451144
#3	5.370824	17.81252	.1539682	-.001640	2.444036	.1977651	5.459958

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	16.66620	13.39785	-.086563	.0509381	3.021649	3.358627	.1065293
Stddev	.10973	.06601	.004563	.0011385	.009730	.029409	.0012072
%RSD	.6584079	.4927200	5.271363	2.234979	.3220041	.8756147	1.133214

#1	16.79279	13.42377	-.091387	.0507285	3.031498	3.391662	.1057560
#2	16.60753	13.32281	-.085985	.0499190	3.012043	3.348921	.1079203
#3	16.59828	13.44697	-.082316	.0521668	3.021405	3.335298	.1059114

Sample Name: I4233-01 Acquired: 7/20/2017 12:31:00 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v74) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MET6G2 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	1.286150	.0607286	.3327725
Stddev	.008029	.0003284	.0016689
%RSD	.6242280	.5407948	.5015017

#1	1.295303	.0608861	.3344866
#2	1.280303	.0609485	.3326780
#3	1.282842	.0603511	.3311529

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1236.953	1746.643	55986.94	7723.694	2937.029
Stddev	8.090	7.546	163.95	75.727	9.709
%RSD	.6540591	.4320016	.2928441	.9804566	.3305635

#1	1246.280	1744.575	56164.47	7653.306	2932.690
#2	1232.737	1755.007	55841.22	7713.957	2948.150
#3	1231.840	1740.348	55955.14	7803.819	2930.246

Sample Name: I4233-02 Acquired: 7/20/2017 12:35:00 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v74) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MET6G3 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0660664	-.013746	.8806676	-.015338	.0005964	64.66963	1.562347
Stddev	.0009080	.000860	.0046579	.003254	.0024873	.05714	.003129
%RSD	1.374366	6.254808	.5289065	21.21629	417.0689	.0883599	.2002983

#1	.0666951	-.012772	.8757977	-.012937	-.001280	64.72618	1.558871
#2	.0650254	-.014400	.8811255	-.014036	-.000349	64.61192	1.564939
#3	.0664787	-.014066	.8850797	-.019042	.003418	64.67079	1.563231

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0051109	.0387784	41.71408	.1008941	.0659672	.2391864	142.2486
Stddev	.0001577	.0000476	.07939	.0001263	.0004764	.0008861	.3571
%RSD	3.084718	.1228279	.1903182	.1252061	.7221095	.3704743	.2510421

#1	.0049958	.0387570	41.73098	.1010378	.0656182	.2400731	142.3056
#2	.0052906	.0387453	41.62761	.1008007	.0657735	.2383008	141.8665
#3	.0050464	.0388330	41.78366	.1008437	.0665099	.2391855	142.5738

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.520068	21.89937	.1440222	-.001606	.9757109	.1639940	3.142760
Stddev	.019249	.02567	.0002067	.000340	.0873782	.0019262	.040072
%RSD	.3487029	.1172317	.1434971	21.14782	8.955334	1.174566	1.275049

#1	5.532934	21.87487	.1442580	-.001215	1.065725	.1628417	3.181944
#2	5.497939	21.89716	.1438725	-.001778	.891232	.1629226	3.101856
#3	5.529330	21.92607	.1439361	-.001826	.970175	.1662177	3.144480

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	16.09716	9.161471	-.361944	.0102259	1.240511	3.388973	.0261573
Stddev	.03540	.030697	.003423	.0003080	.005115	.007348	.0017938
%RSD	.2198969	.3350624	.9456601	3.011912	.4123069	.2168196	6.857581

#1	16.09123	9.193086	-.359542	.0104879	1.243899	3.380526	.0241474
#2	16.13515	9.159543	-.365863	.0098866	1.243007	3.392498	.0267290
#3	16.06510	9.131783	-.360426	.0103032	1.234628	3.393894	.0275955

Sample Name: I4233-02 Acquired: 7/20/2017 12:35:00 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v74) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MET6G3 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.9158352	.0644230	.2418429
Stddev	.0018119	.0005741	.0005000
%RSD	.1978377	.8911646	.2067318

#1	.9157527	.0646797	.2421974
#2	.9176870	.0648240	.2420601
#3	.9140660	.0637653	.2412710

Int. Std.	Y_ 2243	Y_ 2243	Y_ 3600	Y_ 3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1236.292	1744.422	55833.24	7715.956	2979.356
Stddev	6.775	6.226	78.18	14.629	6.804
%RSD	.5480419	.3569018	.1400305	.1895951	.2283606

#1	1230.790	1740.028	55743.05	7702.594	2977.812
#2	1243.860	1751.546	55881.81	7713.685	2986.799
#3	1234.225	1741.691	55874.85	7731.587	2973.457

Sample Name: CCV004 Acquired: 7/20/2017 12:39:02 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v74) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: CCV004 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.305875	4.930072	25.50446	5.145910	5.264419	397.8641
Stddev	.016180	.020427	.04011	.008986	.018962	.2750
%RSD	.3049505	.4143294	.1572689	.1746190	.3601905	.0691226

#1	5.297258	4.953423	25.53425	5.135535	5.262448	397.5642
#2	5.295827	4.915516	25.45885	5.151057	5.246519	398.1044
#3	5.324540	4.921276	25.52029	5.151139	5.284289	397.9237

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	10.44477	.4869869	2.512376	409.8784	15.16638	2.559175
Stddev	.13890	.0021628	.005751	1.7600	.10466	.004806
%RSD	1.329872	.4441105	.2289044	.4294000	.6900922	.1877939

#1	10.32571	.4845127	2.519016	411.4846	15.07415	2.564498
#2	10.59737	.4885180	2.508981	407.9970	15.14484	2.555155
#3	10.41122	.4879299	2.509131	410.1537	15.28013	2.557872

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	16.15510	406.0433	15.22154	398.9670	2.521703	1.368977
Stddev	.04073	.9466	.06241	.8253	.005039	.001589
%RSD	.2521307	.2331372	.4099939	.2068597	.1998202	.1160531

#1	16.13850	407.1059	15.27895	399.7730	2.526088	1.368640
#2	16.20151	405.2900	15.15512	398.1237	2.516199	1.367583
#3	16.12530	405.7340	15.23057	399.0043	2.522822	1.370707

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	420.7620	2.469027	16.32702	159.8544	5.353608	F 4.077840
Stddev	1.3314	.006400	.06581	.6075	.014441	.009431
%RSD	.3164373	.2591972	.4030986	.3800458	.2697340	.2312703

#1	420.4688	2.475370	16.39327	159.4141	5.352784	4.066958
#2	422.2156	2.462572	16.32613	160.5475	5.339597	4.083641
#3	419.6016	2.469138	16.26165	159.6015	5.368443	4.082922

Sample Name: CCV004 Acquired: 7/20/2017 12:39:02 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v74) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: CCV004 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.896817	5.313594	5.061189	4.923321	5.191003	5.578344
Stddev	.010920	.013970	.011343	.012563	.011086	.039427
%RSD	.2229985	.2629126	.2241224	.2551719	.2135578	.7067847

#1	4.892270	5.321407	5.048184	4.930759	5.200832	5.553163
#2	4.888906	5.297465	5.069041	4.908816	5.178986	5.623781
#3	4.909276	5.321909	5.066342	4.930388	5.193191	5.558087

Elem	Sr4077
Units	ppm
Avg	5.257251
Stddev	.006891
%RSD	.1310709

#1	5.255364
#2	5.264889
#3	5.251500

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	991.0700	1406.303	45076.77	6653.300	2281.848
Stddev	6.6792	6.563	156.82	14.491	7.752
%RSD	.6739416	.4666620	.3479011	.2178045	.3397138

#1	985.4495	1408.223	44895.93	6644.417	2281.355
#2	989.3064	1411.692	45175.29	6645.461	2289.834
#3	998.4540	1398.995	45159.09	6670.022	2274.354

Sample Name: CCB004 Acquired: 7/20/2017 12:43:08 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v74) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: CCB004 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.004629	.0020362	-.000405	.0039881	-.001510	.0032489	-.000147
Stddev	.000992	.0017322	.001328	.0044909	.001500	.0060231	.000224
%RSD	21.42178	85.06990	328.1812	112.6092	99.30385	185.3892	152.3645

#1	-.003632	.0038198	.000226	.0053537	-.003208	.0101982	-.000224
#2	-.004639	.0003606	.000490	-.001027	-.000365	-.000466	-.000323
#3	-.005615	.0019281	-.001931	.007638	-.000958	.000014	.000105

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0000166	-.000201	.0002107	-.000024	-.000245	.0005692	.0051572
Stddev	.0000783	.000079	.0026645	.000423	.000190	.0011488	.0147732
%RSD	470.5501	39.17278	1264.700	1761.349	77.51985	201.8226	286.4565

#1	-.000037	-.000201	.0006261	.000389	-.000396	.0004446	.0184150
#2	-.000020	-.000280	-.002637	-.000457	-.000308	-.000512	.0078247
#3	.000106	-.000122	.002643	-.000005	-.000032	.001775	-.010768

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0001508	-.019934	.0008378	.0006199	-.230989	-.000005	-.003786
Stddev	.0003869	.004444	.0000844	.0001209	.090222	.000870	.005919
%RSD	256.4873	22.29138	10.07623	19.50835	39.05919	18283.45	156.3228

#1	.0003436	-.023292	.0007519	.0005544	-.223475	.000978	.001645
#2	.0004035	-.021615	.0008409	.0005458	-.144758	-.000674	-.002909
#3	-.000295	-.014895	.0009206	.0007594	-.324733	-.000319	-.010095

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0470926	-.001059	.0043615	.0009652	-.002523	-.003431	.0004648
Stddev	.0331324	.001718	.0007384	.0001741	.003409	.000166	.0002265
%RSD	70.35582	162.2646	16.93065	18.04167	135.1033	4.844782	48.71780

#1	.0229191	-.001321	.0049177	.0009514	-.000167	-.003509	.0003612
#2	.0334988	-.002630	.0046431	.0007983	-.000970	-.003544	.0003087
#3	.0848598	.000775	.0035237	.0011458	-.006432	-.003240	.0007245

Sample Name: CCB004 Acquired: 7/20/2017 12:43:08 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v74) Mode: CONC Corr. Factor: 1.000000
 User: JASWAL Custom ID1: CCB004 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	-.000444	-.000152	.0000025
Stddev	.000560	.000170	.0000622
%RSD	126.2147	112.0106	2474.746

#1	-.000988	-.000337	-.000000
#2	.000130	-.000114	.000066
#3	-.000473	-.000004	-.000058

Int. Std.	Y_ 2243	Y_ 2243	Y_ 3600	Y_ 3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1208.511	1687.443	54198.23	7312.734	3173.236
Stddev	22.943	6.418	222.90	38.220	13.790
%RSD	1.898433	.3803598	.4112631	.5226500	.4345605

#1	1182.641	1683.716	53972.64	7276.287	3164.757
#2	1216.504	1694.854	54203.72	7309.408	3189.147
#3	1226.388	1683.759	54418.33	7352.509	3165.803

Sample Name: I4233-03 Acquired: 7/20/2017 12:47:19 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v74) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MET6G4 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0651325	-.015462	1.869926	-.016370	.0027986	56.00143	1.423676
Stddev	.0049412	.001620	.002235	.002965	.0005650	.21847	.003443
%RSD	7.586346	10.47556	.1195352	18.11459	20.18964	.3901146	.2418395

#1	.0657950	-.015379	1.867412	-.013858	.0033784	56.08632	1.425452
#2	.0598935	-.013885	1.870674	-.015610	.0027676	56.16472	1.425869
#3	.0697091	-.017121	1.871691	-.019641	.0022496	55.75326	1.419708

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0046273	.0653521	184.7919	.1045145	.0615186	.3536451	131.0274
Stddev	.0001041	.0001011	.7423	.0003958	.0008984	.0037197	.2549
%RSD	2.250072	.1547586	.4016917	.3787368	1.460328	1.051826	.1945471

#1	.0045946	.0652524	185.4839	.1046734	.0605530	.3551930	131.2274
#2	.0047438	.0654546	184.0079	.1040639	.0616730	.3563410	130.7404
#3	.0045434	.0653491	184.8840	.1048061	.0623298	.3494014	131.1145

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.223512	92.10054	.2462631	.0009174	1.090580	.1677378	7.142558
Stddev	.038676	.30069	.0004316	.0002230	.014039	.0010938	.062647
%RSD	.7404136	.3264776	.1752387	24.30673	1.287279	.6520607	.8770886

#1	5.266263	92.44697	.2458287	.0007039	1.074391	.1682488	7.207985
#2	5.190953	91.90730	.2466918	.0008995	1.097952	.1684825	7.083122
#3	5.213320	91.94734	.2462689	.0011489	1.099398	.1664821	7.136569

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	10.93267	8.642926	-.330724	.0052496	2.740358	4.114361	.0169901
Stddev	.05906	.031799	.001857	.0002672	.004695	.014099	.0026829
%RSD	.5402231	.3679245	.5616123	5.089626	.1713189	.3426788	15.79103

#1	10.95758	8.654621	-.330540	.0051471	2.735660	4.127054	.0150772
#2	10.97519	8.606936	-.328966	.0050488	2.740365	4.116843	.0200569
#3	10.86523	8.667223	-.332667	.0055528	2.745049	4.099186	.0158362

Sample Name: I4233-03 Acquired: 7/20/2017 12:47:19 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v74) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MET6G4 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	1.142351	.0659066	.2405696
Stddev	.004005	.0005408	.0007603
%RSD	.3505831	.8205305	.3160474

#1	1.146129	.0663477	.2414251
#2	1.142772	.0660689	.2403123
#3	1.138152	.0653033	.2399713

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1149.241	1624.656	52852.37	7445.074	2769.509
Stddev	11.533	12.526	144.37	41.194	9.677
%RSD	1.003575	.7709871	.2731516	.5533016	.3494191

#1	1135.960	1627.217	52688.01	7397.827	2772.562
#2	1156.736	1635.704	52958.67	7473.466	2777.292
#3	1155.027	1611.048	52910.42	7463.929	2758.674

Sample Name: I4233-04 Acquired: 7/20/2017 12:51:19 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v74) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MET6G5 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0766594	-.016599	1.425707	-.016044	.0021994	61.09127	1.877152
Stddev	.0013214	.002161	.001059	.000667	.0008308	.19035	.008239
%RSD	1.723670	13.01741	.0743128	4.155095	37.77443	.3115891	.4389201

#1	.0752509	-.015668	1.426785	-.016785	.0027322	61.16081	1.877129
#2	.0768557	-.019069	1.424667	-.015493	.0026239	60.87592	1.868925
#3	.0778716	-.015060	1.425669	-.015854	.0012421	61.23708	1.885403

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0046162	.0487913	102.6032	.0956160	.0734948	.3067744	143.4381
Stddev	.0000973	.0002022	.1751	.0026851	.0007750	.0032539	.4263
%RSD	2.106626	.4144093	.1707025	2.808251	1.054491	1.060665	.2972052

#1	.0047285	.0489677	102.4040	.0982258	.0727447	.3083409	143.0534
#2	.0045567	.0488356	102.7328	.0928614	.0742925	.3030336	143.3646
#3	.0045636	.0485706	102.6730	.0957609	.0734474	.3089487	143.8964

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	6.066852	56.62795	.1827180	.0006008	1.094361	.1632882	5.543833
Stddev	.017718	.16195	.0002495	.0004367	.047157	.0025203	.160835
%RSD	.2920442	.2859894	.1365471	72.69269	4.309083	1.543453	2.901145

#1	6.050673	56.63663	.1825879	.0001138	1.043530	.1610045	5.693762
#2	6.064097	56.46183	.1825604	.0009577	1.136687	.1628679	5.373954
#3	6.085786	56.78538	.1830056	.0007309	1.102866	.1659922	5.563784

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	13.21525	8.394168	-.389873	.0030962	2.003934	2.452802	.0109783
Stddev	.05467	.040407	.001165	.0001123	.015608	.018806	.0025888
%RSD	.4136740	.4813759	.2987943	3.627958	.7788866	.7667159	23.58138

#1	13.19317	8.378543	-.389547	.0031500	1.992882	2.467569	.0082087
#2	13.17508	8.363906	-.388907	.0031715	1.997130	2.431630	.0113890
#3	13.27750	8.440055	-.391167	.0029671	2.021789	2.459207	.0133373

Sample Name: I4233-04 Acquired: 7/20/2017 12:51:19 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v74) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MET6G5 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.7679337	.0709421	.2555527
Stddev	.0025463	.0001757	.0010586
%RSD	.3315808	.2476387	.4142287

#1	.7703825	.0708291	.2553609
#2	.7652999	.0708527	.2546032
#3	.7681186	.0711445	.2566941

Int. Std.	Y_ 2243	Y_ 2243	Y_ 3600	Y_ 3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1223.991	1674.091	55511.59	7649.406	2850.688
Stddev	35.778	4.758	1347.39	24.511	4.291
%RSD	2.923046	.2842048	2.427228	.3204279	.1505421

#1	1195.255	1670.161	54306.04	7648.975	2845.767
#2	1264.064	1672.731	56966.10	7674.129	2852.642
#3	1212.655	1679.381	55262.62	7625.113	2853.655

Sample Name: I4233-05 Acquired: 7/20/2017 12:55:21 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v74) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MET6G7 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0761608	-.014778	.6572261	-.016368	.0029074	68.22060	1.856915
Stddev	.0020690	.002255	.0013661	.001049	.0022426	.33035	.010355
%RSD	2.716595	15.25583	.2078567	6.411357	77.13597	.4842326	.5576402

#1	.0769490	-.012541	.6564735	-.016030	.0048682	67.87136	1.845030
#2	.0777198	-.014743	.6588029	-.015529	.0004621	68.26237	1.861728
#3	.0738135	-.017050	.6564017	-.017545	.0033918	68.52808	1.863988

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0049019	.0328971	54.85153	.1029419	.0699078	.2511661	146.2957
Stddev	.0001272	.0002709	.09618	.0007862	.0002042	.0028961	.5479
%RSD	2.595230	.8233482	.1753521	.7637803	.2920562	1.153077	.3745258

#1	.0048701	.0326619	54.84797	.1026186	.0701424	.2478274	145.8341
#2	.0050420	.0328361	54.75718	.1038382	.0698113	.2530004	146.1517
#3	.0047936	.0331932	54.94945	.1023688	.0697698	.2526707	146.9012

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.930288	32.62329	.1572335	-.001270	1.100272	.1678696	2.983628
Stddev	.021027	.19733	.0006291	.000126	.045679	.0006608	.028470
%RSD	.3545712	.6048799	.4001041	9.899859	4.151650	.3936224	.9542103

#1	5.917580	32.39601	.1570200	-.001379	1.050624	.1682354	3.016151
#2	5.918724	32.75096	.1579416	-.001132	1.109669	.1671069	2.963212
#3	5.954559	32.72291	.1567389	-.001297	1.140521	.1682667	2.971522

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	16.22295	7.801412	-.396785	.0033248	1.323456	7.527885	.0110776
Stddev	.00802	.086061	.001908	.0003828	.017280	.029290	.0008051
%RSD	.0494633	1.103149	.4809330	11.51343	1.305668	.3890828	7.268168

#1	16.22170	7.867731	-.395814	.0029067	1.339175	7.507126	.0103604
#2	16.21563	7.832346	-.398983	.0036581	1.326241	7.561388	.0119485
#3	16.23153	7.704160	-.395557	.0034096	1.304953	7.515142	.0109239

Sample Name: I4233-05 Acquired: 7/20/2017 12:55:21 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v74) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MET6G7 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.9075952	.0756671	.2609875
Stddev	.0047772	.0003377	.0007711
%RSD	.5263529	.4463338	.2954493

#1	.9021555	.0753179	.2603858
#2	.9095220	.0759921	.2607198
#3	.9111080	.0756913	.2618567

Int. Std.	Y_ 2243	Y_ 2243	Y_ 3600	Y_ 3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1216.012	1710.640	55321.68	7691.371	2919.053
Stddev	12.706	3.228	203.43	21.831	5.823
%RSD	1.044877	.1887202	.3677170	.2838359	.1994851

#1	1210.713	1711.592	55187.13	7683.261	2925.489
#2	1230.510	1713.285	55555.70	7716.097	2914.149
#3	1206.814	1707.042	55222.21	7674.756	2917.521

Sample Name: I4233-06 Acquired: 7/20/2017 12:59:23 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v74) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MET6G8 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0625101	-.012287	.7621702	-.010635	.0026299	58.34725	1.482500
Stddev	.0036562	.002802	.0029286	.004607	.0015130	.08738	.005986
%RSD	5.849025	22.80507	.3842456	43.31581	57.52932	.1497539	.4037462

#1	.0592665	-.009152	.7655383	-.013543	.0015605	58.37935	1.486588
#2	.0617915	-.013162	.7607481	-.005324	.0019683	58.24836	1.475630
#3	.0664723	-.014548	.7602242	-.013038	.0043611	58.41403	1.485281

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0043152	.0373000	41.61439	.0852438	.0601422	.2344618	129.5980
Stddev	.0000419	.0001324	.17131	.0009218	.0004460	.0008497	.5994
%RSD	.9706593	.3551023	.4116494	1.081343	.7414844	.3623912	.4625062

#1	.0042794	.0372118	41.79765	.0853586	.0596304	.2353678	130.2717
#2	.0043049	.0374523	41.58724	.0842700	.0604473	.2343347	129.3985
#3	.0043613	.0372358	41.45829	.0861028	.0603490	.2336828	129.1238

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.799581	24.88992	.1416748	-.000579	1.013368	.1524573	7.383900
Stddev	.030224	.05643	.0003007	.000183	.059142	.0039710	.049084
%RSD	.6297248	.2267381	.2122225	31.56301	5.836146	2.604638	.6647394

#1	4.830552	24.95499	.1413349	-.000734	1.012472	.1570044	7.440538
#2	4.798027	24.86046	.1419058	-.000626	.954679	.1496727	7.357396
#3	4.770164	24.85432	.1417838	-.000377	1.072952	.1506947	7.353765

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	13.76108	6.561404	-.349153	.0020908	1.119998	3.775503	.0092320
Stddev	.05626	.062543	.000897	.0002015	.007847	.004681	.0020047
%RSD	.4088087	.9531959	.2570303	9.635350	.7005946	.1239914	21.71407

#1	13.77706	6.497940	-.349691	.0019480	1.113516	3.774885	.0097979
#2	13.69856	6.563289	-.348117	.0020033	1.117756	3.780463	.0108930
#3	13.80761	6.622983	-.349650	.0023213	1.128722	3.771162	.0070053

Sample Name: I4233-06 Acquired: 7/20/2017 12:59:23 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v74) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MET6G8 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.8402096	.0659395	.2139789
Stddev	.0031520	.0007856	.0005849
%RSD	.3751382	1.191341	.2733678

#1	.8436157	.0659031	.2140073
#2	.8396173	.0651727	.2133803
#3	.8373958	.0667426	.2145492

Int. Std.	Y_ 2243	Y_ 2243	Y_ 3600	Y_ 3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1214.666	1708.990	55326.44	7709.516	2944.942
Stddev	10.305	3.628	316.53	36.862	7.279
%RSD	.8483871	.2122785	.5721086	.4781321	.2471581

#1	1206.124	1708.404	54985.17	7667.516	2952.182
#2	1226.111	1712.876	55610.40	7736.501	2945.019
#3	1211.761	1705.691	55383.74	7724.530	2937.625

Sample Name: I4233-07 Acquired: 7/20/2017 13:03:26 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v74) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MET6G9 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0927274	-.015401	1.676903	-.024512	.0041762	71.74486	1.906423
Stddev	.0017632	.004146	.015516	.004870	.0017189	.05251	.003848
%RSD	1.901473	26.92396	.9253014	19.86633	41.15881	.0731947	.2018331

#1	.0924497	-.013581	1.666812	-.027984	.0060135	71.69253	1.909594
#2	.0946130	-.020146	1.694770	-.018946	.0039079	71.74450	1.907534
#3	.0911195	-.012476	1.669128	-.026608	.0026073	71.79756	1.902143

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0056717	.0835366	108.4214	.1103576	.0743743	.4012906	160.9403
Stddev	.0000339	.0010106	.8296	.0019736	.0006721	.0026610	.4711
%RSD	.5973597	1.209705	.7651982	1.788387	.9037045	.6631233	.2927297

#1	.0056650	.0828730	107.5130	.1125020	.0744204	.4042924	160.4345
#2	.0057085	.0846996	108.6122	.1086172	.0750221	.4003585	161.0199
#3	.0056417	.0830371	109.1391	.1099537	.0736803	.3992211	161.3666

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.281809	46.84618	.1769577	.0017674	1.385666	.1802313	6.849655
Stddev	.033547	.20745	.0022561	.0003036	.072608	.0026147	.069026
%RSD	.6351377	.4428276	1.274935	17.17849	5.239962	1.450729	1.007729

#1	5.245424	46.70615	.1758662	.0014208	1.318639	.1804281	6.870969
#2	5.288490	46.74788	.1795519	.0019864	1.375563	.1827420	6.772485
#3	5.311512	47.08450	.1754549	.0018950	1.462797	.1775238	6.905510

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	18.07897	23.03352	-.438868	.0077667	3.254199	2.354664	.0213690
Stddev	.06923	.29389	.003918	.0002943	.044248	.008744	.0011238
%RSD	.3829124	1.275920	.8928020	3.789554	1.359705	.3713403	5.258964

#1	18.15343	22.84919	-.443074	.0076968	3.248316	2.364727	.0200747
#2	18.01656	23.37244	-.438208	.0080897	3.301093	2.350352	.0219364
#3	18.06691	22.87892	-.435321	.0075136	3.213187	2.348914	.0220961

Sample Name: I4233-07 Acquired: 7/20/2017 13:03:26 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v74) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MET6G9 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.6871627	.0805369	.2719138
Stddev	.0035921	.0011342	.0003576
%RSD	.5227434	1.408312	.1315190

#1	.6843317	.0810599	.2718366
#2	.6859528	.0813152	.2716011
#3	.6912035	.0792355	.2723037

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1200.103	1675.703	54898.38	7675.689	2817.838
Stddev	11.884	11.984	489.24	10.611	28.006
%RSD	.9902852	.7151404	.8911653	.1382393	.9938769

#1	1186.414	1681.394	54339.01	7666.114	2832.775
#2	1207.784	1661.935	55246.50	7673.857	2785.531
#3	1206.110	1683.782	55109.61	7687.097	2835.210

Sample Name: I4233-08 Acquired: 7/20/2017 13:07:29 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v74) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MET6H0 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0969419	-.018864	2.258488	-.026558	.0052426	73.02683	2.019735
Stddev	.0039698	.001779	.009964	.000756	.0002891	.17913	.007289
%RSD	4.094977	9.429544	.4411654	2.845254	5.515027	.2452923	.3608970

#1	.0928574	-.017542	2.255183	-.025735	.0052743	72.82675	2.011727
#2	.1007859	-.020886	2.250596	-.027220	.0049389	73.08149	2.025983
#3	.0971825	-.018163	2.269684	-.026720	.0055146	73.17227	2.021493

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0066449	.0722829	95.61382	.1096863	.0703329	.4765632	202.2967
Stddev	.0000979	.0000481	.17613	.0006383	.0004234	.0030450	.2990
%RSD	1.474103	.0665851	.1842108	.5819202	.6019840	.6389474	.1477969

#1	.0065545	.0722431	95.61758	.1089782	.0700877	.4743669	202.2171
#2	.0067490	.0723364	95.43585	.1098629	.0708218	.4800392	202.0455
#3	.0066311	.0722693	95.78805	.1102176	.0700893	.4752835	202.6274

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.761592	50.15113	.1799730	-.000216	1.520234	.2116578	8.571309
Stddev	.015216	.15474	.0003787	.000068	.134276	.0042795	.033772
%RSD	.3195517	.3085567	.2104208	31.58931	8.832606	2.021888	.3940085

#1	4.757865	49.97666	.1798480	-.000216	1.442205	.2080911	8.602219
#2	4.748586	50.27178	.1796726	-.000148	1.675282	.2104791	8.576444
#3	4.778325	50.20495	.1803984	-.000285	1.443215	.2164030	8.535263

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	16.61092	11.81766	-.546397	.0192191	3.643925	3.353789	.0446618
Stddev	.08600	.08186	.000979	.0003790	.021281	.013613	.0027629
%RSD	.5177604	.6926804	.1791078	1.971943	.5840015	.4059136	6.186313

#1	16.51211	11.86380	-.545921	.0188599	3.657232	3.339437	.0419116
#2	16.65170	11.72315	-.545747	.0196152	3.619381	3.366519	.0446364
#3	16.66896	11.86603	-.547522	.0191821	3.655162	3.355411	.0474373

Sample Name: I4233-08 Acquired: 7/20/2017 13:07:29 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v74) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MET6H0 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.8131759	.0796791	.2734732
Stddev	.0008142	.0005802	.0006090
%RSD	.1001308	.7281636	.2226814

#1	.8132301	.0790654	.2728027
#2	.8123360	.0802187	.2739919
#3	.8139617	.0797532	.2736251

Int. Std.	Y_ 2243	Y_ 2243	Y_ 3600	Y_ 3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1182.696	1680.459	54302.13	7688.959	2819.929
Stddev	10.399	6.003	149.53	11.595	6.815
%RSD	.8792813	.3572101	.2753655	.1507970	.2416626

#1	1170.695	1687.054	54129.98	7677.645	2824.224
#2	1189.044	1679.008	54399.74	7700.815	2823.491
#3	1188.349	1675.315	54376.67	7688.417	2812.071

Sample Name: I4233-09 Acquired: 7/20/2017 13:11:31 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v74) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MET6R9 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1680653	-.015947	.5336015	-.015085	.0014836	78.88169	1.919314
Stddev	.0013786	.000814	.0041085	.001917	.0018202	.19809	.007555
%RSD	.8202549	5.103930	.7699523	12.70496	122.6880	.2511265	.3936063

#1	.1677516	-.015477	.5296351	-.012891	.0024018	79.11042	1.926931
#2	.1695737	-.016887	.5333306	-.016432	-.000613	78.76776	1.919188
#3	.1668706	-.015478	.5378386	-.015932	.002662	78.76688	1.911823

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0055972	.1292271	57.63980	.1193059	.0856219	.3751892	150.8756
Stddev	.0001285	.0004121	.18636	.0010958	.0007588	.0012489	.2871
%RSD	2.296109	.3189180	.3233226	.9184720	.8862473	.3328793	.1902817

#1	.0055531	.1287569	57.45216	.1192509	.0849595	.3764235	151.0935
#2	.0057419	.1295255	57.64237	.1204282	.0854565	.3739261	150.5503
#3	.0054965	.1293990	57.82486	.1182387	.0864498	.3752181	150.9830

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	7.382186	32.67609	.1671846	-.001247	.9551504	.1937435	4.400782
Stddev	.017903	.09640	.0003717	.000221	.0705955	.0027962	.062733
%RSD	.2425132	.2950268	.2223085	17.70442	7.391037	1.443246	1.425503

#1	7.369788	32.77429	.1672999	-.001002	.8964067	.1913382	4.343226
#2	7.374060	32.58159	.1674849	-.001308	1.033467	.1968115	4.391469
#3	7.402711	32.67240	.1667689	-.001431	.935577	.1930810	4.467651

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	20.71402	9.909040	-.413220	.0053664	1.575258	6.394415	.0112803
Stddev	.15031	.021580	.005210	.0008751	.001501	.065639	.0023883
%RSD	.7256300	.2177803	1.260823	16.30779	.0952632	1.026499	21.17226

#1	20.86584	9.884415	-.416514	.0045204	1.576306	6.456664	.0103363
#2	20.71096	9.918051	-.415933	.0053108	1.573539	6.400738	.0095084
#3	20.56528	9.924655	-.407214	.0062680	1.575929	6.325844	.0139964

Sample Name: I4233-09 Acquired: 7/20/2017 13:11:31 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v74) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MET6R9 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.6936623	.0804227	.3870750
Stddev	.0036146	.0012743	.0011649
%RSD	.5210930	1.584508	.3009386

#1	.6938480	.0817724	.3883912
#2	.6899584	.0802554	.3866570
#3	.6971805	.0792403	.3861768

Int. Std.	Y_ 2243	Y_ 2243	Y_ 3600	Y_ 3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1235.385	1724.913	55897.65	7819.467	2888.096
Stddev	2.452	10.477	111.60	42.860	12.499
%RSD	.1985151	.6073835	.1996430	.5481157	.4327837

#1	1237.944	1726.836	56024.41	7777.908	2889.643
#2	1235.156	1734.295	55814.21	7816.976	2899.750
#3	1233.055	1713.608	55854.34	7863.518	2874.896

Sample Name: I4233-10 Acquired: 7/20/2017 13:15:36 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v74) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MET6R9D Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1677037	-.017403	.5307239	-.014956	.0019782	78.84609	1.921537
Stddev	.0022225	.001790	.0038851	.001687	.0015306	.15419	.006502
%RSD	1.325264	10.28458	.7320450	11.28016	77.37229	.1955533	.3383975

#1	.1700196	-.018241	.5263446	-.016797	.0033572	79.02080	1.928679
#2	.1675033	-.015348	.5320705	-.013485	.0022458	78.72907	1.919971
#3	.1655881	-.018620	.5337566	-.014585	.0003315	78.78841	1.915960

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0057888	.1290358	57.50544	.1201712	.0855336	.3758826	150.7205
Stddev	.0000728	.0003718	.08347	.0008017	.0003229	.0015380	.3181
%RSD	1.256878	.2881499	.1451548	.6671072	.3774835	.4091625	.2110851

#1	.0058065	.1294641	57.58288	.1210481	.0852075	.3772951	151.0227
#2	.0057089	.1288467	57.41702	.1199896	.0858531	.3761087	150.3885
#3	.0058511	.1287965	57.51643	.1194759	.0855402	.3742442	150.7502

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	7.366523	32.80090	.1662717	-.001067	.9618085	.1918307	4.366147
Stddev	.021821	.10740	.0002981	.000355	.0612141	.0002718	.022781
%RSD	.2962121	.3274184	.1792755	33.30749	6.364477	.1416663	.5217653

#1	7.358524	32.91604	.1663821	-.001464	.9190192	.1918947	4.357541
#2	7.349830	32.70344	.1659341	-.000778	.9344797	.1915327	4.348923
#3	7.391214	32.78321	.1664988	-.000960	1.031927	.1920648	4.391978

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	20.75502	9.735608	-.415111	.0045974	1.549919	6.379455	.0116967
Stddev	.07537	.001822	.004464	.0004228	.011628	.035246	.0035505
%RSD	.3631480	.0187097	1.075268	9.195326	.7502334	.5524896	30.35498

#1	20.81865	9.737651	-.412286	.0048798	1.555540	6.382370	.0148005
#2	20.67178	9.735020	-.412790	.0048010	1.557668	6.342842	.0124646
#3	20.77462	9.734153	-.420256	.0041114	1.536548	6.413152	.0078251

Sample Name: I4233-10 Acquired: 7/20/2017 13:15:36 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v74) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MET6R9D Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.6933335	.0809590	.3874484
Stddev	.0019165	.0002000	.0010949
%RSD	.2764166	.2469967	.2826018

#1	.6955301	.0811897	.3878536
#2	.6920030	.0808499	.3862086
#3	.6924672	.0808372	.3882829

Int. Std.	Y_ 2243	Y_ 2243	Y_ 3600	Y_ 3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1234.153	1712.901	55889.88	7830.112	2879.358
Stddev	4.991	7.029	34.82	26.109	7.688
%RSD	.4043796	.4103416	.0623066	.3334394	.2670178

#1	1237.794	1719.071	55918.97	7806.391	2883.346
#2	1236.200	1714.381	55899.38	7858.086	2884.232
#3	1228.464	1705.249	55851.29	7825.860	2870.495

Sample Name: I4233-11 Acquired: 7/20/2017 13:19:39 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v74) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MET6R9S Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.2477994	.1020967	.7422564	.0690444	.0565877	91.00347	5.701380
Stddev	.0052767	.0032144	.0022994	.0037991	.0022907	.12059	.019727
%RSD	2.129430	3.148348	.3097866	5.502345	4.048012	.1325107	.3459955

#1	.2419938	.1001314	.7448734	.0730337	.0588916	91.14177	5.723394
#2	.2523037	.1058061	.7413363	.0686300	.0565609	90.92034	5.695439
#3	.2491007	.1003526	.7405595	.0654696	.0543105	90.94829	5.685306

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0794057	.2352838	63.47398	.5151841	.9658694	.9017107	161.9361
Stddev	.0004426	.0003790	.36885	.0005259	.0005814	.0052403	.5589
%RSD	.5574049	.1610772	.5811111	.1020754	.0601995	.5811535	.3451653

#1	.0798647	.2357193	63.57142	.5146660	.9658147	.9071720	162.2376
#2	.0789815	.2350287	63.06619	.5151689	.9664763	.9012366	161.2911
#3	.0793710	.2351033	63.78433	.5157174	.9653173	.8967236	162.2796

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	8.783453	32.27000	1.042421	.0372291	1.124612	1.021940	6.084964
Stddev	.043221	.21379	.002800	.0004928	.130570	.006093	.032864
%RSD	.4920777	.6624934	.2686295	1.323701	11.61026	.5962236	.5400835

#1	8.809187	32.50838	1.042849	.0369971	1.074428	1.021419	6.084767
#2	8.733553	32.20635	1.044982	.0377950	1.272830	1.016124	6.052199
#3	8.807619	32.09526	1.039431	.0368950	1.026579	1.028277	6.117926

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	22.27036	10.58166	-.437882	.0047176	1.545768	9.323143	.0139758
Stddev	.15903	.07820	.005569	.0003446	.011447	.015384	.0016999
%RSD	.7140959	.7389786	1.271808	7.303540	.7405520	.1650061	12.16349

#1	22.37159	10.50717	-.444126	.0046872	1.546329	9.336039	.0159277
#2	22.35242	10.66310	-.436093	.0050764	1.556924	9.306115	.0128197
#3	22.08706	10.57472	-.433427	.0043893	1.534050	9.327274	.0131800

Sample Name: I4233-11 Acquired: 7/20/2017 13:19:39 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v74) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MET6R9S Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.8194411	.0888426	.3811128
Stddev	.0021785	.0005595	.0011054
%RSD	.2658490	.6297760	.2900397

#1	.8189742	.0894803	.3823890
#2	.8175340	.0886139	.3804937
#3	.8218153	.0884337	.3804557

Int. Std.	Y_ 2243	Y_ 2243	Y_ 3600	Y_ 3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1195.555	1678.293	54932.06	7748.948	2834.717
Stddev	5.260	13.538	114.79	35.689	11.730
%RSD	.4399297	.8066800	.2089707	.4605614	.4138098

#1	1189.896	1684.119	54813.77	7708.303	2839.795
#2	1196.475	1662.817	54939.41	7763.378	2821.303
#3	1200.294	1687.944	55043.00	7775.162	2843.052

Sample Name: I4233-09LX5 Acquired: 7/20/2017 13:23:35 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v74) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MET6R9L Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0326145	-.002935	.1122434	-.000358	-.000159	17.07451	.4212347
Stddev	.0046528	.001091	.0011774	.001449	.000805	.03594	.0005971
%RSD	14.26618	37.15607	1.048972	404.4085	507.0851	.2104902	.1417557

#1	.0279038	-.003077	.1108839	-.000024	.000164	17.05087	.4212190
#2	.0327323	-.003948	.1129351	-.001945	.000435	17.11587	.4218395
#3	.0372072	-.001781	.1129111	.000894	-.001075	17.05679	.4206455

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0012728	.0261663	13.04276	.0267512	.0163671	.0842928	34.24090
Stddev	.0000336	.0002995	.07243	.0004782	.0003193	.0009226	.03785
%RSD	2.638890	1.144442	.5553324	1.787414	1.950793	1.094466	.1105328

#1	.0013103	.0259478	12.96139	.0270747	.0160453	.0849502	34.19723
#2	.0012455	.0260435	13.10020	.0262020	.0166838	.0832382	34.26119
#3	.0012625	.0265077	13.06669	.0269770	.0163722	.0846901	34.26428

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.655795	7.489423	.0351325	.0000071	.1242443	.0448572	1.006494
Stddev	.007002	.028862	.0004510	.0001360	.0880424	.0020449	.008842
%RSD	.4228881	.3853699	1.283672	1927.313	70.86231	4.558676	.8784627

#1	1.647965	7.497601	.0355295	.0000710	.1914118	.0434412	1.015064
#2	1.657963	7.513313	.0346422	-.000149	.0245708	.0472016	.997403
#3	1.661456	7.457354	.0352259	.000099	.1567503	.0439288	1.007015

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.462656	2.031684	-.096210	.0008099	.3286202	1.434863	.0018930
Stddev	.029600	.013775	.001547	.0003138	.0041419	.006715	.0006158
%RSD	.6632765	.6779866	1.607884	38.74398	1.260403	.4680013	32.53030

#1	4.450312	2.026803	-.095235	.0011622	.3271245	1.432105	.0026025
#2	4.441226	2.021015	-.097994	.0007069	.3254338	1.442518	.0015784
#3	4.496430	2.047235	-.095401	.0005605	.3333022	1.429966	.0014980

Sample Name: I4233-09LX5 Acquired: 7/20/2017 13:23:35 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v74) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MET6R9L Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.1544526	.0166505	.0851428
Stddev	.0017056	.0005565	.0000259
%RSD	1.104307	3.342069	.0303590

#1	.1525416	.0160267	.0851612
#2	.1549957	.0168288	.0851539
#3	.1558206	.0170960	.0851132

Int. Std.	Y_ 2243	Y_ 2243	Y_ 3600	Y_ 3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1188.720	1660.799	53443.22	7310.648	3088.117
Stddev	4.824	9.707	89.96	18.270	13.630
%RSD	.4057996	.5844718	.1683314	.2499159	.4413587

#1	1188.987	1654.363	53379.52	7296.093	3075.818
#2	1183.768	1671.964	53546.13	7304.698	3102.771
#3	1193.404	1656.069	53404.01	7331.151	3085.763

Sample Name: I4233-12 Acquired: 7/20/2017 13:27:38 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v74) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MET6S0 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0861673	-.012464	.9615560	-.014863	.0030565	135.5547	2.668926
Stddev	.0035862	.006153	.0040550	.001874	.0045446	.1748	.005298
%RSD	4.161898	49.36532	.4217139	12.60912	148.6899	.1289231	.1984922

#1	.0834308	-.005620	.9572419	-.013026	-.000590	135.5763	2.674544
#2	.0848439	-.014233	.9621370	-.016772	.008148	135.7177	2.668212
#3	.0902271	-.017538	.9652892	-.014790	.001611	135.3702	2.664021

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0203949	.0802069	511.7824	.1424350	.0621059	.3760522	138.5765
Stddev	.0001609	.0003432	1.1970	.0003477	.0002162	.0011363	.4319
%RSD	.7888665	.4279377	.2338863	.2441281	.3481714	.3021558	.3116526

#1	.0203100	.0798871	512.9912	.1427026	.0620128	.3759072	139.0661
#2	.0205805	.0801639	511.7584	.1425606	.0619519	.3749954	138.4139
#3	.0202943	.0805696	510.5976	.1420420	.0623531	.3772540	138.2496

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	10.24382	143.3665	.1604336	-.000290	4.272578	.1934231	4.679020
Stddev	.02816	.4574	.0004199	.000088	.064505	.0036552	.044558
%RSD	.2749411	.3190300	.2617036	30.24275	1.509748	1.889762	.9522946

#1	10.27629	143.8926	.1605889	-.000338	4.304329	.1971531	4.690638
#2	10.22919	143.1436	.1599582	-.000189	4.315053	.1932687	4.716618
#3	10.22598	143.0632	.1607537	-.000344	4.198352	.1898476	4.629804

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	27.48475	16.81865	-.326381	.0028843	7.859107	14.81260	.0123102
Stddev	.09703	.05609	.001168	.0007138	.012345	.06390	.0019433
%RSD	.3530404	.3334825	.3578715	24.74833	.1570741	.4313844	15.78611

#1	27.58911	16.85099	-.325832	.0020704	7.861772	14.87688	.0103160
#2	27.46788	16.75389	-.325588	.0034040	7.845648	14.81181	.0141982
#3	27.39726	16.85108	-.327722	.0031786	7.869902	14.74909	.0124165

Sample Name: I4233-12 Acquired: 7/20/2017 13:27:38 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v74) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MET6S0 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	4.995808	.1435573	1.029895
Stddev	.010812	.0010902	.002298
%RSD	.2164138	.7594039	.2231008

#1	5.002057	.1448160	1.032512
#2	5.002042	.1429414	1.028210
#3	4.983323	.1429145	1.028963

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1114.855	1562.743	52101.61	7485.400	2458.762
Stddev	6.566	12.257	14.61	44.552	15.752
%RSD	.5889730	.7843569	.0280508	.5951811	.6406582

#1	1108.659	1562.105	52098.99	7438.510	2463.671
#2	1114.170	1575.307	52117.36	7490.519	2471.475
#3	1121.737	1550.817	52088.49	7527.171	2441.140

Sample Name: I4233-13 Acquired: 7/20/2017 13:31:39 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v74) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MET6S1 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0796263	-.016973	1.280179	-.016247	.0008704	84.41515	2.044836
Stddev	.0062523	.001907	.008163	.002307	.0015003	.21719	.004564
%RSD	7.852071	11.23432	.6376234	14.19647	172.3669	.2572852	.2231849

#1	.0791648	-.018922	1.276602	-.013610	-.000771	84.29508	2.048661
#2	.0736176	-.015111	1.274416	-.017890	.001212	84.28451	2.039784
#3	.0860966	-.016887	1.289520	-.017242	.002170	84.66586	2.046062

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0079823	.0893764	294.5208	.1485696	.0727305	.4893418	151.8763
Stddev	.0000403	.0005957	1.5719	.0005648	.0004558	.0015580	.8659
%RSD	.5045438	.6664733	.5337047	.3801810	.6267008	.3183928	.5701584

#1	.0079911	.0887414	292.8764	.1484536	.0723524	.4888090	151.2061
#2	.0079383	.0894651	294.6778	.1491835	.0732367	.4910964	151.5688
#3	.0080174	.0899228	296.0083	.1480718	.0726024	.4881201	152.8540

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	6.855310	73.48471	.2005414	-.000929	1.714940	.1933041	5.152658
Stddev	.034308	.29175	.0016162	.000239	.067170	.0034589	.061605
%RSD	.5004550	.3970165	.8059120	25.68957	3.916767	1.789356	1.195590

#1	6.816355	73.15984	.2018098	-.001190	1.732950	.1893506	5.141620
#2	6.868551	73.72436	.1987217	-.000723	1.771269	.1947894	5.097318
#3	6.881025	73.56993	.2010928	-.000874	1.640600	.1957722	5.219035

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	21.45030	15.64956	-.375651	.0061482	4.886067	6.924413	.0119759
Stddev	.03855	.13469	.000822	.0001046	.041352	.038671	.0021479
%RSD	.1797191	.8606896	.2187790	1.702043	.8463187	.5584682	17.93554

#1	21.46369	15.75652	-.374764	.0062283	4.914662	6.902918	.0130602
#2	21.40683	15.49830	-.375805	.0060298	4.838653	6.901264	.0133655
#3	21.48036	15.69388	-.376386	.0061864	4.904886	6.969055	.0095019

Sample Name: I4233-13 Acquired: 7/20/2017 13:31:39 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v74) Mode: CONC Corr. Factor: 1.000000
 User: JASWAL Custom ID1: MET6S1 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	1.244849	.0883672	.7144826
Stddev	.005838	.0006041	.0010737
%RSD	.4689886	.6836708	.1502740

#1	1.243352	.0890407	.7135226
#2	1.239905	.0878731	.7142831
#3	1.251290	.0881876	.7156420

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1098.113	1551.331	51788.00	7471.655	2572.832
Stddev	6.568	2.938	68.24	20.734	10.141
%RSD	.5980849	.1894063	.1317670	.2774990	.3941678

#1	1097.569	1553.606	51722.94	7458.757	2574.400
#2	1104.936	1552.373	51859.03	7495.572	2582.097
#3	1091.835	1548.014	51782.02	7460.637	2561.997

Sample Name: I4233-14 Acquired: 7/20/2017 13:35:40 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v74) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MET6S2 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1451745	-.040702	4.475784	-.057599	.0114799	83.35675	2.537241
Stddev	.0071291	.001737	.022420	.006951	.0008531	.11829	.005997
%RSD	4.910733	4.267535	.5009120	12.06805	7.431600	.1419087	.2363721

#1	.1405195	-.042692	4.454737	-.053886	.0124036	83.49326	2.544116
#2	.1416222	-.039922	4.473255	-.065618	.0113145	83.29268	2.534524
#3	.1533819	-.039491	4.499362	-.053293	.0107216	83.28433	2.533083

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0079126	.1443391	160.0720	.1317270	.0922055	.5508744	322.4171
Stddev	.0000654	.0009045	.1100	.0011310	.0007369	.0009051	.4025
%RSD	.8270892	.6266341	.0686967	.8585719	.7992210	.1643071	.1248460

#1	.0078391	.1432981	160.1953	.1304335	.0914934	.5503979	322.8739
#2	.0079339	.1447860	160.0369	.1325291	.0921582	.5519182	322.2628
#3	.0079647	.1449330	159.9840	.1322185	.0929649	.5503070	322.1145

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	6.193156	64.94449	.2193912	-.004003	2.103754	.2241006	6.353956
Stddev	.007348	.30466	.0002468	.000555	.083588	.0020993	.016547
%RSD	.1186504	.4691034	.1124736	13.85742	3.973259	.9367732	.2604140

#1	6.192094	65.26068	.2194790	-.003701	2.193112	.2244931	6.348399
#2	6.200977	64.91993	.2191126	-.003664	2.090670	.2218328	6.340903
#3	6.186397	64.65285	.2195821	-.004643	2.027480	.2259760	6.372566

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	20.30854	16.87320	-.914066	.0060719	3.711588	5.443906	.1793000
Stddev	.03890	.11013	.004648	.0002246	.010436	.009403	.0025072
%RSD	.1915335	.6527179	.5085186	3.698758	.2811775	.1727176	1.398328

#1	20.35338	16.80611	-.916706	.0063027	3.714945	5.450256	.1765735
#2	20.28396	16.81317	-.916793	.0060588	3.699886	5.448358	.1815063
#3	20.28826	17.00030	-.908699	.0058541	3.719932	5.433104	.1798201

Sample Name: I4233-14 Acquired: 7/20/2017 13:35:40 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v74) Mode: CONC Corr. Factor: 1.000000
 User: JASWAL Custom ID1: MET6S2 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.7098751	.0942156	.4330278
Stddev	.0022621	.0007757	.0008276
%RSD	.3186573	.8233010	.1911077

#1	.7080515	.0949733	.4337956
#2	.7124064	.0934232	.4331367
#3	.7091673	.0942504	.4321512

Int. Std.	Y_ 2243	Y_ 2243	Y_ 3600	Y_ 3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1118.335	1590.498	53444.64	7698.490	2608.016
Stddev	8.586	9.245	310.80	25.455	11.942
%RSD	.7677821	.5812856	.5815300	.3306533	.4579025

#1	1111.419	1599.094	53085.78	7670.813	2617.335
#2	1127.945	1591.683	53627.42	7703.758	2612.159
#3	1115.640	1580.718	53620.71	7720.899	2594.554

Sample Name: I4233-15 Acquired: 7/20/2017 13:39:41 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v74) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MET6S3 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1219622	-.026859	3.594295	-.031985	.0085636	83.05427
Stddev	.0014463	.002142	.013030	.002336	.0015729	.13940
%RSD	1.185849	7.976557	.3625276	7.303308	18.36659	.1678454

#1	.1235841	-.029046	3.599275	-.033658	.0090195	83.19705
#2	.1214959	-.026769	3.579509	-.029316	.0068132	83.04727
#3	.1208066	-.024764	3.604101	-.032981	.0098582	82.91851

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.874749	.0062983	.1921828	232.9535	.0693682	.0850337
Stddev	.005042	.0002083	.0005020	.5975	.0004407	.0011301
%RSD	.2689626	3.307632	.2612070	.2564843	.6352936	1.329001

#1	1.880427	.0063407	.1926765	232.4348	.0691981	.0846795
#2	1.870795	.0064821	.1916729	232.8190	.0698686	.0841231
#3	1.873025	.0060720	.1921991	233.6068	.0690379	.0862984

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.274166	213.6932	4.709149	34.96006	.1573122	.0000749
Stddev	.003842	.3794	.014019	.10197	.0008242	.0006994
%RSD	.3014977	.1775636	.2976865	.2916617	.5239290	933.7824

#1	1.277759	213.4339	4.694680	34.99055	.1577637	-.000452
#2	1.274623	213.5169	4.710099	35.04330	.1563609	-.000192
#3	1.270117	214.1287	4.722669	34.84633	.1578120	.000868

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.847746	.2013985	F 80.55020	14.99514	7.926999	-.553630
Stddev	.081092	.0000731	.72042	.04144	.071861	.004165
%RSD	4.388706	.0363084	.8943699	.2763489	.9065308	.7522471

#1	1.893469	.2014828	79.87155	15.04245	7.860832	-.558379
#2	1.754118	.2013519	81.30615	14.96525	8.003446	-.551915
#3	1.895652	.2013608	80.47289	14.97773	7.916720	-.550597

Sample Name: I4233-15 Acquired: 7/20/2017 13:39:41 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v74) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MET6S3 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0027461	4.940950	8.606332	.0264585	.6906734	.0889095
Stddev	.0003694	.022019	.062344	.0021604	.0021965	.0006350
%RSD	13.45042	.4456520	.7244000	8.165252	.3180201	.7141955

#1	.0024023	4.924999	8.670152	.0283776	.6924031	.0886073
#2	.0026995	4.966073	8.545576	.0268793	.6914151	.0884821
#3	.0031366	4.931779	8.603269	.0241187	.6882021	.0896392

Elem	Sr4077
Units	ppm
Avg	.5119694
Stddev	.0003892
%RSD	.0760236

#1	.5122651
#2	.5121147
#3	.5115285

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1103.449	1532.535	52143.37	7479.941	2607.286
Stddev	9.881	4.675	196.05	11.945	2.803
%RSD	.8955083	.3050720	.3759828	.1596900	.1075152

#1	1110.523	1536.579	52031.70	7466.930	2610.419
#2	1092.159	1527.416	52028.67	7482.486	2605.014
#3	1107.666	1533.610	52369.75	7490.409	2606.426

Sample Name: I4233-16 Acquired: 7/20/2017 13:43:41 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v74) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MET6S4 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0753672	-.027035	.3641658	-.036718	.0029304	141.6787	1.934715
Stddev	.0054687	.004707	.0041695	.005490	.0013584	.5574	.009934
%RSD	7.256121	17.41183	1.144951	14.95271	46.35392	.3934215	.5134581

#1	.0733982	-.031608	.3685841	-.041597	.0042800	141.3272	1.937937
#2	.0711557	-.022204	.3636131	-.030773	.0029477	142.3214	1.942638
#3	.0815479	-.027294	.3603002	-.037784	.0015635	141.3876	1.923570

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0077209	.0299015	62.10384	.1475193	.1012113	.3286318	225.8609
Stddev	.0000981	.0001672	.00880	.0006482	.0007009	.0017614	.6144
%RSD	1.271138	.5591293	.0141773	.4394322	.6925474	.5359700	.2720377

#1	.0077075	.0297173	62.10916	.1477446	.1007152	.3293831	226.1567
#2	.0078251	.0300436	62.09367	.1467885	.1009056	.3298929	226.2715
#3	.0076301	.0299435	62.10868	.1480249	.1020132	.3266193	225.1546

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.826037	39.99628	.2196605	-.004300	1.771393	.2671309	4.580102
Stddev	.012324	.17856	.0007083	.000365	.090280	.0017968	.030097
%RSD	.2553674	.4464397	.3224285	8.499478	5.096578	.6726440	.6571167

#1	4.830901	39.95303	.2202413	-.004347	1.875589	.2682659	4.583799
#2	4.835187	40.19249	.2188715	-.003913	1.716465	.2680675	4.548327
#3	4.812024	39.84332	.2198687	-.004639	1.722126	.2650592	4.608179

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	19.65166	4.289049	-.617318	.0010134	1.268773	9.268903	.0107140
Stddev	.12051	.034762	.004506	.0006856	.006320	.060484	.0029445
%RSD	.6132386	.8104733	.7299640	67.65570	.4981318	.6525478	27.48302

#1	19.67869	4.314301	-.615617	.0012772	1.276051	9.302095	.0122107
#2	19.75637	4.249402	-.622427	.0015279	1.265601	9.305524	.0073218
#3	19.51993	4.303444	-.613910	.0002351	1.264666	9.199091	.0126096

Sample Name: I4233-16 Acquired: 7/20/2017 13:43:41 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v74) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MET6S4 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.5532972	.1570019	.4412918
Stddev	.0031216	.0008600	.0025868
%RSD	.5641837	.5477590	.5861927

#1	.5520561	.1576333	.4423850
#2	.5568485	.1573500	.4431526
#3	.5509869	.1560225	.4383379

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1175.836	1646.765	55179.21	7908.666	2697.090
Stddev	.624	11.982	76.13	54.220	16.018
%RSD	.0530308	.7276384	.1379760	.6855765	.5938935

#1	1175.120	1647.304	55191.49	7877.902	2695.213
#2	1176.131	1658.469	55097.68	7876.825	2713.964
#3	1176.258	1634.522	55248.45	7971.271	2682.093

Sample Name: I4233-17 Acquired: 7/20/2017 13:47:43 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v74) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MET6S5 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0689622	-.027015	.1655128	-.028864	.0033774	125.7409	1.670976
Stddev	.0026358	.001383	.0026622	.004319	.0022911	.4604	.007146
%RSD	3.822158	5.118346	1.608456	14.96336	67.83597	.3661119	.4276363

#1	.0668746	-.026740	.1625491	-.029651	.0048428	126.2472	1.678002
#2	.0680878	-.025790	.1677014	-.032734	.0045522	125.6280	1.671211
#3	.0719241	-.028514	.1662880	-.024205	.0007372	125.3475	1.663716

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0070896	.0231085	47.82410	.1333077	.0928906	.2632955	205.1673
Stddev	.0000331	.0000844	.27536	.0011210	.0001943	.0009704	.8995
%RSD	.4672496	.3650526	.5757772	.8408888	.2091571	.3685389	.4384159

#1	.0070892	.0231097	48.13279	.1323959	.0927928	.2632945	206.1137
#2	.0070567	.0230236	47.73577	.1329680	.0927647	.2642664	205.0647
#3	.0071229	.0231923	47.60374	.1345593	.0931144	.2623257	204.3235

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.304925	37.22050	.2274645	-.003396	1.323706	.2455585	1.321583
Stddev	.025138	.24432	.0019958	.000087	.021766	.0024169	.006957
%RSD	.4738635	.6564102	.8774237	2.547233	1.644301	.9842408	.5264030

#1	5.331323	37.50046	.2261566	-.003395	1.338626	.2464915	1.320447
#2	5.302182	37.05041	.2297617	-.003310	1.298731	.2473699	1.315264
#3	5.281271	37.11063	.2264752	-.003483	1.333762	.2428142	1.329038

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	18.72059	3.892155	-.570134	-.001063	.9390586	3.302929	.0103763
Stddev	.05329	.019629	.004151	.000271	.0048712	.025256	.0005192
%RSD	.2846601	.5043232	.7280968	25.54382	.5187347	.7646592	5.003952

#1	18.74622	3.869492	-.573473	-.000822	.9334357	3.329833	.0103646
#2	18.75622	3.903174	-.571444	-.001010	.9417451	3.299225	.0109012
#3	18.65932	3.903798	-.565486	-.001357	.9419952	3.279730	.0098630

Sample Name: I4233-17 Acquired: 7/20/2017 13:47:43 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v74) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MET6S5 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.5038121	.1379146	.4250628
Stddev	.0012939	.0005454	.0012635
%RSD	.2568275	.3954905	.2972512

#1	.5051260	.1382979	.4255828
#2	.5037712	.1381558	.4259834
#3	.5025391	.1372902	.4236223

Int. Std.	Y_ 2243	Y_ 2243	Y_ 3600	Y_ 3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1163.851	1649.486	54841.61	7889.851	2725.711
Stddev	6.328	10.859	166.94	53.554	9.640
%RSD	.5437360	.6583142	.3043958	.6787657	.3536620

#1	1170.047	1649.570	55015.27	7830.452	2726.722
#2	1164.109	1660.302	54827.22	7904.658	2734.806
#3	1157.398	1638.585	54682.33	7934.444	2715.606

Sample Name: I4233-18 Acquired: 7/20/2017 13:51:48 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v74) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MET6S6 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0651620	-.023726	.1465003	-.025301	.0003537	117.4096	1.786694
Stddev	.0026809	.002609	.0016593	.007322	.0007857	.3441	.007461
%RSD	4.114259	10.99617	1.132625	28.93905	222.1554	.2930400	.4175768

#1	.0658831	-.023091	.1482236	-.026594	.0012608	117.2578	1.782739
#2	.0674086	-.026593	.1449134	-.031891	-.000116	117.8034	1.795299
#3	.0621942	-.021492	.1463641	-.017419	-.000084	117.1675	1.782042

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0067877	.0162472	38.86742	.1201938	.0784769	.2166760	180.0026
Stddev	.0000180	.0001868	.24817	.0004030	.0004838	.0014209	.9710
%RSD	.2654974	1.149559	.6385043	.3352947	.6164763	.6557550	.5394122

#1	.0067709	.0160329	39.12454	.1198961	.0786461	.2183163	181.0618
#2	.0067855	.0163755	38.84844	.1200330	.0779312	.2158866	179.7914
#3	.0068067	.0163332	38.62929	.1206524	.0788533	.2158251	179.1547

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	3.036780	32.01263	.1974576	-.003110	1.538687	.2006743	.9634601
Stddev	.022156	.14711	.0010664	.000146	.019584	.0029538	.0094016
%RSD	.7296017	.4595528	.5400534	4.706762	1.272793	1.471921	.9758150

#1	3.053253	31.94241	.1971867	-.003210	1.555519	.2036003	.9716182
#2	3.045497	32.18170	.1986332	-.002942	1.517192	.1976936	.9531783
#3	3.011591	31.91379	.1965527	-.003178	1.543348	.2007291	.9655839

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	13.36552	4.250600	-.495392	.0001807	.8335620	3.085576	.0107789
Stddev	.03821	.008096	.002481	.0004421	.0111408	.008314	.0037781
%RSD	.2858943	.1904583	.5008868	244.7029	1.336529	.2694421	35.05105

#1	13.33389	4.253519	-.493280	-.000215	.8462673	3.079192	.0129555
#2	13.40798	4.241450	-.494770	.000100	.8289551	3.094977	.0129649
#3	13.35470	4.256832	-.498125	.000658	.8254635	3.082560	.0064163

Sample Name: I4233-18 Acquired: 7/20/2017 13:51:48 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v74) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MET6S6 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.6009403	.1143876	.3720541
Stddev	.0026071	.0007346	.0011045
%RSD	.4338369	.6421893	.2968750

#1	.5985225	.1145791	.3722804
#2	.6037025	.1150075	.3730280
#3	.6005959	.1135762	.3708540

Int. Std.	Y_ 2243	Y_ 2243	Y_ 3600	Y_ 3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1186.136	1656.738	55715.77	7988.051	2753.662
Stddev	16.810	7.722	337.76	41.178	6.546
%RSD	1.417238	.4661226	.6062231	.5154910	.2377137

#1	1166.733	1654.656	55406.44	7962.630	2750.357
#2	1195.337	1650.270	55664.71	7965.961	2749.428
#3	1196.336	1665.288	56076.15	8035.559	2761.201

Sample Name: I4233-19 Acquired: 7/20/2017 13:55:53 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v74) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MET6S7 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1223013	-.021059	3.635885	-.026530	.0044589	94.50346	2.412591
Stddev	.0023859	.003246	.008601	.000825	.0022635	.05929	.003145
%RSD	1.950809	15.41435	.2365475	3.110307	50.76497	.0627431	.1303487

#1	.1196789	-.023855	3.627669	-.025587	.0052776	94.55400	2.414965
#2	.1228814	-.017499	3.635161	-.027120	.0061991	94.51819	2.413784
#3	.1243436	-.021823	3.644825	-.026883	.0018999	94.43819	2.409024

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0068868	.2003877	72.11220	.1531257	.0950271	.6417092	181.6780
Stddev	.0001248	.0003800	.27641	.0029823	.0009140	.0018005	.5266
%RSD	1.812698	.1896471	.3833067	1.947634	.9617858	.2805793	.2898589

#1	.0068865	.2003512	71.88702	.1529842	.0940097	.6396360	181.0699
#2	.0070118	.2007847	72.42068	.1502167	.0952927	.6428802	181.9762
#3	.0067621	.2000273	72.02890	.1561763	.0957787	.6426115	181.9878

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.694203	29.66415	.1855459	.0001736	1.278650	.2146860	10.79003
Stddev	.018576	.02301	.0004699	.0003383	.098328	.0027817	.21118
%RSD	.3262242	.0775645	.2532299	194.8642	7.689989	1.295730	1.957180

#1	5.675610	29.64526	.1851591	-.000136	1.203205	.2154564	10.89728
#2	5.712762	29.65743	.1854099	.000535	1.242892	.2116002	10.54675
#3	5.694236	29.68978	.1860688	.000122	1.389854	.2170014	10.92606

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	21.67954	12.07213	-.500102	.0080963	3.505547	4.078230	.0386053
Stddev	.07922	.12330	.002017	.0007214	.038496	.014061	.0023280
%RSD	.3654268	1.021360	.4032602	8.910132	1.098157	.3447941	6.030355

#1	21.77064	11.96834	-.497774	.0086861	3.472589	4.065111	.0368589
#2	21.64121	12.03964	-.501212	.0083107	3.496193	4.093075	.0412483
#3	21.62678	12.20843	-.501320	.0072920	3.547858	4.076502	.0377085

Sample Name: I4233-19 Acquired: 7/20/2017 13:55:53 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v74) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MET6S7 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.5438637	.1020000	.3554883
Stddev	.0024962	.0004834	.0001642
%RSD	.4589761	.4738959	.0461933

#1	.5414505	.1025485	.3555422
#2	.5437054	.1018153	.3556188
#3	.5464353	.1016362	.3553039

Int. Std.	Y_ 2243	Y_ 2243	Y_ 3600	Y_ 3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1112.688	1541.456	53469.71	7678.962	2671.153
Stddev	26.398	6.710	1113.78	13.580	6.654
%RSD	2.372441	.4353215	2.083011	.1768496	.2491218

#1	1096.422	1546.208	53088.52	7670.249	2675.200
#2	1143.146	1544.380	54724.04	7672.027	2674.787
#3	1098.495	1533.780	52596.58	7694.609	2663.473

Sample Name: I4233-20 Acquired: 7/20/2017 13:59:55 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v74) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MET6S8 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0913860	-.018449	.6884550	-.025279	.0027122	94.29220	2.162934
Stddev	.0044872	.000818	.0017593	.001966	.0000854	.32721	.008296
%RSD	4.910144	4.432660	.2555461	7.778459	3.148268	.3470140	.3835299

#1	.0950631	-.019392	.6904702	-.027546	.0026552	94.35800	2.161483
#2	.0863861	-.017943	.6876694	-.024036	.0026710	94.58150	2.171859
#3	.0927087	-.018011	.6872253	-.024254	.0028104	93.93709	2.155460

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0063029	.1053829	40.90264	.1213601	.0982805	.2967698	168.9225
Stddev	.0000177	.0005812	.16382	.0004821	.0004745	.0007892	.5415
%RSD	.2814670	.5514961	.4005080	.3972175	.4828118	.2659180	.3205901

#1	.0063160	.1051576	40.85580	.1216652	.0982262	.2958594	168.5730
#2	.0063101	.1049482	41.08478	.1216107	.0978355	.2971918	169.5463
#3	.0062827	.1060430	40.76735	.1208044	.0987799	.2972583	168.6482

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	7.147089	29.54486	.1958443	-.001754	1.111483	.2080701	6.328865
Stddev	.016916	.01927	.0001821	.000255	.043699	.0039468	.041258
%RSD	.2366823	.0652085	.0929968	14.55538	3.931613	1.896850	.6518976

#1	7.139427	29.56621	.1957317	-.001677	1.141554	.2119038	6.284124
#2	7.166480	29.52878	.1960544	-.002040	1.131539	.2040192	6.337060
#3	7.135359	29.53958	.1957468	-.001547	1.061356	.2082874	6.365410

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	20.26124	6.079590	-.470972	.0028172	1.864389	3.082984	.0184542
Stddev	.07499	.019647	.001751	.0003629	.000217	.020835	.0023347
%RSD	.3701144	.3231590	.3718547	12.88171	.0116315	.6758222	12.65101

#1	20.26028	6.079929	-.472087	.0029758	1.864255	3.105325	.0208424
#2	20.33670	6.059776	-.468954	.0030739	1.864273	3.079544	.0161770
#3	20.18673	6.099065	-.471877	.0024021	1.864640	3.064083	.0183433

Sample Name: I4233-20 Acquired: 7/20/2017 13:59:55 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v74) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MET6S8 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.4910099	.1007041	.3202645
Stddev	.0002103	.0003558	.0002316
%RSD	.0428288	.3533139	.0723082

#1	.4907777	.1004306	.3204856
#2	.4910646	.1011063	.3202841
#3	.4911874	.1005753	.3200237

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1156.757	1589.916	54354.88	7803.860	2729.307
Stddev	2.550	4.555	85.73	34.359	3.037
%RSD	.2204690	.2865055	.1577164	.4402851	.1112751

#1	1158.653	1586.769	54358.82	7782.023	2727.237
#2	1157.761	1587.839	54267.25	7786.092	2727.890
#3	1153.858	1595.139	54438.57	7843.465	2732.794

Sample Name: I4233-21 Acquired: 7/20/2017 14:03:59 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v74) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MET6S9 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0785808	-.026565	.3276131	-.032076	.0008118	121.4927	2.002863
Stddev	.0028457	.003346	.0039003	.001669	.0025204	5.2241	.088563
%RSD	3.621410	12.59442	1.190513	5.202077	310.4879	4.299898	4.421821

#1	.0752969	-.030232	.3237810	-.033894	.0030435	125.0285	2.059600
#2	.0801229	-.023679	.3274803	-.031722	.0013138	123.9573	2.048176
#3	.0803227	-.025785	.3315781	-.030613	-.001922	115.4923	1.900812

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0071164	.0317500	46.40418	.1384439	.0958617	.2792040	201.3999
Stddev	.0001845	.0001455	1.64046	.0018491	.0006263	.0111194	7.8274
%RSD	2.592075	.4582314	3.535159	1.335662	.6533353	3.982518	3.886517

#1	.0071595	.0315900	47.31383	.1390559	.0952002	.2876757	205.9572
#2	.0072756	.0317857	47.38829	.1363664	.0964456	.2833236	205.8808
#3	.0069143	.0318743	44.51043	.1399095	.0959391	.2666128	192.3616

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.477244	37.61932	.2165236	-.003618	1.363770	.2321754	2.573225
Stddev	.206777	1.54629	.0011479	.000475	.023308	.0092911	.017125
%RSD	3.775207	4.110371	.5301264	13.13321	1.709070	4.001765	.6654937

#1	5.598530	38.66236	.2156286	-.003618	1.360266	.2375455	2.567731
#2	5.594712	38.35282	.2161243	-.003143	1.388631	.2375337	2.592422
#3	5.238488	35.84278	.2178177	-.004093	1.342413	.2214469	2.559521

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	18.03056	4.640535	-.564200	.0002372	1.568975	3.173753	.0115391
Stddev	.76161	.015710	.018147	.0003792	.006810	.115168	.0006127
%RSD	4.224012	.3385466	3.216407	159.8413	.4340167	3.628771	5.309851

#1	18.55964	4.658614	-.577561	.0004548	1.576735	3.252231	.0111065
#2	18.37438	4.630193	-.571499	-.000201	1.563997	3.227491	.0122402
#3	17.15765	4.632800	-.543540	.000458	1.566192	3.041538	.0112706

Sample Name: I4233-21 Acquired: 7/20/2017 14:03:59 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v74) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MET6S9 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.4633733	.1325124	.3898202
Stddev	.0193828	.0068487	.0167999
%RSD	4.182987	5.168343	4.309651

#1	.4744146	.1383176	.4005145
#2	.4747126	.1342607	.3984896
#3	.4409925	.1249591	.3704567

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1152.706	1620.478	54715.72	8059.208	2679.042
Stddev	5.384	11.037	228.60	285.552	13.422
%RSD	.4670746	.6810699	.4177999	3.543179	.5009987

#1	1151.485	1633.156	54470.33	7857.818	2692.022
#2	1148.038	1615.268	54754.19	7933.802	2679.887
#3	1158.596	1613.012	54922.65	8386.004	2665.218

Sample Name: PB100765BS Acquired: 7/20/2017 14:08:03 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v74) 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	.0179873	.0607308	.0210553	.0906097	.1442241	.4113034
Stddev	.0004908	.0028210	.0019218	.0051231	.0005588	.0047196
%RSD	2.728401	4.645129	9.127202	5.654046	.3874551	1.147482

#1	.0174727	.0615530	.0190927	.0905766	.1448471	.4079009
#2	.0180392	.0575900	.0229335	.0855032	.1440583	.4093179
#3	.0184501	.0630494	.0211398	.0957492	.1437670	.4166914

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.4168679	.0089478	.0107955	10.07286	.0237750	.0909972
Stddev	.0016107	.0000280	.0002138	.09204	.0006708	.0002811
%RSD	.3863864	.3124970	1.980328	.9137635	2.821427	.3089546

#1	.4182487	.0089755	.0110077	9.98183	.0245451	.0909403
#2	.4150984	.0089196	.0107987	10.16588	.0233179	.0913025
#3	.4172565	.0089482	.0105801	10.07086	.0234621	.0907489

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0565983	.2411264	.0342071	10.73955	.0758897	.0188750
Stddev	.0006412	.0107577	.0007489	.03792	.0007867	.0005858
%RSD	1.132802	4.461441	2.189411	.3530977	1.036686	3.103511

#1	.0566414	.2396290	.0337930	10.78112	.0765795	.0195431
#2	.0559367	.2311959	.0350716	10.70686	.0760566	.0186328
#3	.0572168	.2525544	.0337566	10.73066	.0750328	.0184492

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	11.37958	.0991378	.1545259	10.79980	F .0326954	F .0184289
Stddev	.05621	.0015510	.0153435	.09270	.0021297	.0012503
%RSD	.4939611	1.564463	9.929419	.8583317	6.513870	6.784598

#1	11.38773	.0999854	.1722188	10.85571	.0308130	.0174133
#2	11.31975	.1000802	.1464812	10.69279	.0350071	.0198253
#3	11.43128	.0973477	.1448776	10.85089	.0322662	.0180480

Sample Name: PB100765BS Acquired: 7/20/2017 14:08:03 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v74) 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	.0241312	.1917541	.1989861	F .0148817	.2237228	.1190500
Stddev	.0004358	.0042276	.0012708	.0014604	.0015530	.0003998
%RSD	1.805844	2.204712	.6386236	9.813374	.6941729	.3357909
#1	.0238155	.1889796	.2003814	.0134865	.2227312	.1195031
#2	.0246284	.1966198	.1978951	.0163995	.2229247	.1188997
#3	.0239498	.1896630	.1986818	.0147591	.2255126	.1187472

Elem	Sr4077
Units	ppm
Avg	.2271064
Stddev	.0003047
%RSD	.1341675
#1	.2274398
#2	.2268423
#3	.2270372

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1075.571	1509.284	50117.39	7139.489	2985.240
Stddev	13.759	5.711	144.47	37.036	8.870
%RSD	1.279218	.3783958	.2882716	.5187455	.2971220
#1	1082.013	1510.675	50161.81	7100.413	2978.010
#2	1059.773	1503.006	49955.92	7143.978	2982.572
#3	1084.927	1514.171	50234.43	7174.075	2995.138

Sample Name: CCV005 Acquired: 7/20/2017 14:23:26 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v74) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: CCV005 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.378639	4.756222	24.20494	5.244437	5.348198	391.0032
Stddev	.020420	.008899	.04499	.018794	.002425	2.3802
%RSD	.3796488	.1871081	.1858747	.3583598	.0453347	.6087508

#1	5.391115	4.753035	24.24456	5.250205	5.348624	393.7467
#2	5.355074	4.749354	24.15603	5.223435	5.345588	389.7740
#3	5.389728	4.766275	24.21423	5.259670	5.350381	389.4887

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	10.35889	F .4272720	2.253577	376.7222	F 13.73501	2.385991
Stddev	.05836	.0032376	.007688	2.2797	.08446	.005917
%RSD	.5633982	.7577441	.3411676	.6051458	.6149077	.2479772

#1	10.40572	.4250246	2.252233	375.3454	13.65812	2.390565
#2	10.29351	.4258084	2.246650	375.4677	13.72150	2.379309
#3	10.37746	.4309830	2.261849	379.3537	13.82541	2.388098

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	16.08804	382.5938	13.95819	375.8861	2.366893	1.298626
Stddev	.12969	1.6733	.09608	1.3319	.005991	.003329
%RSD	.8061230	.4373477	.6883235	.3543250	.2531059	.2563823

#1	16.23756	381.9137	13.92438	376.4845	2.367043	1.301887
#2	16.00615	381.3676	13.88359	374.3600	2.360828	1.295232
#3	16.02039	384.5000	14.06660	376.8138	2.372807	1.298759

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	424.8007	2.269060	16.27944	159.0773	5.181754	F 3.696525
Stddev	2.2378	.005434	.19505	1.5329	.026899	.024698
%RSD	.5267781	.2394853	1.198107	.9636434	.5191050	.6681387

#1	427.3001	2.267096	16.42330	160.8400	5.159059	3.696565
#2	422.9834	2.264881	16.35757	158.3359	5.174736	3.671807
#3	424.1185	2.275203	16.05744	158.0560	5.211466	3.721203

Sample Name: CCV005 Acquired: 7/20/2017 14:23:26 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v74) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: CCV005 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.767942	5.399961	4.674923	4.569159	4.925629	5.775678
Stddev	.010385	.023928	.016949	.015647	.011204	.073619
%RSD	.2178177	.4431230	.3625544	.3424509	.2274649	1.274637

#1	4.771985	5.379619	4.674596	4.563848	4.928919	5.860392
#2	4.756143	5.393939	4.658140	4.556858	4.913148	5.727204
#3	4.775698	5.426326	4.692034	4.586770	4.934820	5.739438

Elem	Sr4077
Units	ppm
Avg	5.114722
Stddev	.015601
%RSD	.3050273

#1	5.132720
#2	5.105057
#3	5.106388

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	849.9604	1222.055	40921.25	6293.716	2091.263
Stddev	10.7012	2.485	229.96	28.028	4.058
%RSD	1.259021	.2033636	.5619498	.4453366	.1940238

#1	838.7435	1219.795	40667.45	6267.084	2086.685
#2	851.0798	1221.654	40980.55	6322.958	2092.687
#3	860.0579	1224.717	41115.74	6291.107	2094.417

Sample Name: CCB005 Acquired: 7/20/2017 14:27:33 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v74) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: CCB005 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.006455	.0002383	-.001431	.0030129	-.001713	.0129347
Stddev	.003713	.0009248	.000472	.0018929	.000209	.0065723
%RSD	57.52708	388.1116	32.94317	62.82570	12.21123	50.81146

#1	-.002521	.0005892	-.001278	.0016309	-.001533	.0202890
#2	-.006946	.0009363	-.001056	.0051704	-.001942	.0076353
#3	-.009899	-.000811	-.001960	.0022375	-.001663	.0108799

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000514	.0000788	-.000156	.0045784	-.000684	-.000217
Stddev	.000278	.0000222	.000182	.0051633	.000651	.000147
%RSD	54.09711	28.12219	116.7415	112.7750	95.12145	67.86163

#1	-.000255	.0001016	.000045	.0098713	-.001309	-.000119
#2	-.000808	.0000775	-.000308	.0043088	-.000735	-.000386
#3	-.000478	.0000573	-.000204	-.000445	-.000010	-.000146

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0019935	.0188865	-.000188	.0086388	.0006115	.0008426
Stddev	.0005177	.0090640	.000143	.0262524	.0000692	.0001072
%RSD	25.96701	47.99186	76.13800	303.8877	11.30790	12.72646

#1	.0021924	.0271369	-.000279	-.010373	.0005331	.0009038
#2	.0014059	.0203383	-.000023	.038592	.0006639	.0007188
#3	.0023822	.0091842	-.000261	-.002303	.0006375	.0009053

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.144740	-.001472	-.018049	.0415131	.0014377	F .0105450
Stddev	.054377	.001910	.004842	.0201798	.0016620	.0013235
%RSD	37.56905	129.7566	26.82415	48.61062	115.6075	12.55097

#1	-.144086	.000372	-.019433	.0233968	.0007905	.0120582
#2	-.199441	-.001345	-.022048	.0378797	.0033259	.0099741
#3	-.090692	-.003442	-.012666	.0632627	.0001965	.0096028

Sample Name: CCB005 Acquired: 7/20/2017 14:27:33 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v74) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: CCB005 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0016256	-.000976	-.003237	-.000187	-.000343	.0003652
Stddev	.0002441	.003465	.000740	.000575	.000506	.0001021
%RSD	15.01424	354.8612	22.85757	307.5238	147.3732	27.94010

#1	.0015130	-.003793	-.002393	.000450	-.000262	.0004779
#2	.0019056	.002893	-.003548	-.000343	-.000885	.0003387
#3	.0014581	-.002029	-.003771	-.000667	.000117	.0002791

Elem	Sr4077
Units	ppm
Avg	.0000696
Stddev	.0000447
%RSD	64.26787

#1	.0001212
#2	.0000466
#3	.0000411

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1076.368	1468.081	50089.14	6981.475	2922.944
Stddev	6.372	11.733	127.17	31.853	15.782
%RSD	.5919496	.7991820	.2538874	.4562567	.5399496

#1	1070.574	1473.980	49999.88	6960.333	2936.970
#2	1075.339	1454.569	50032.80	6965.981	2905.855
#3	1083.192	1475.693	50234.75	7018.112	2926.007