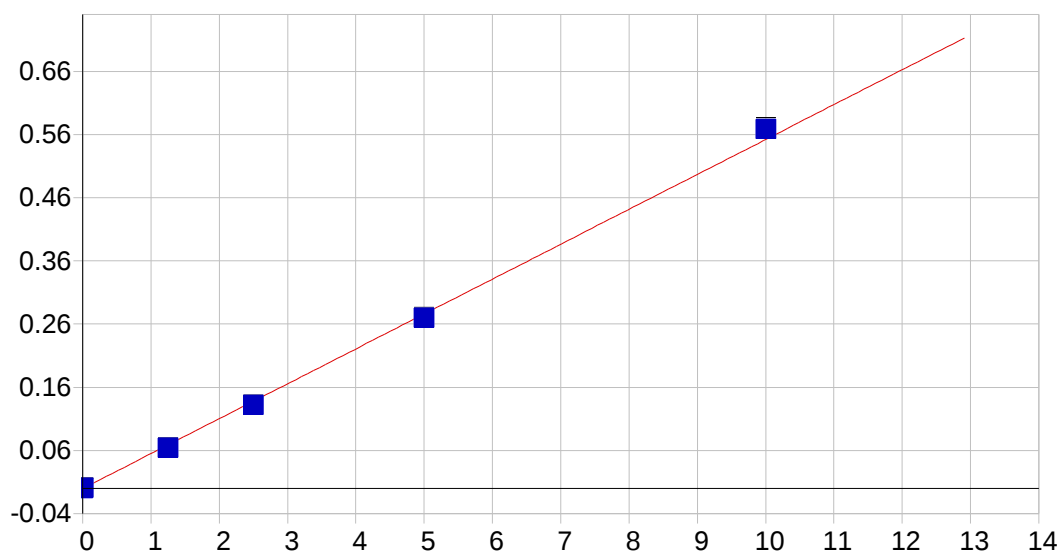




As 189.042 {479}

Date of Fit: 7/10/2017 18:15:59

Type of Fit: Linear

Weighting: 1/Conc

A0 (Offset): -0.000193

Re-Slope: 1.000000

A1 (Gain): 0.055230

Y-int: 0.000000

A2 (Curvature): 0.000000

n (Exponent): 1.000000

Correlation: 0.999389

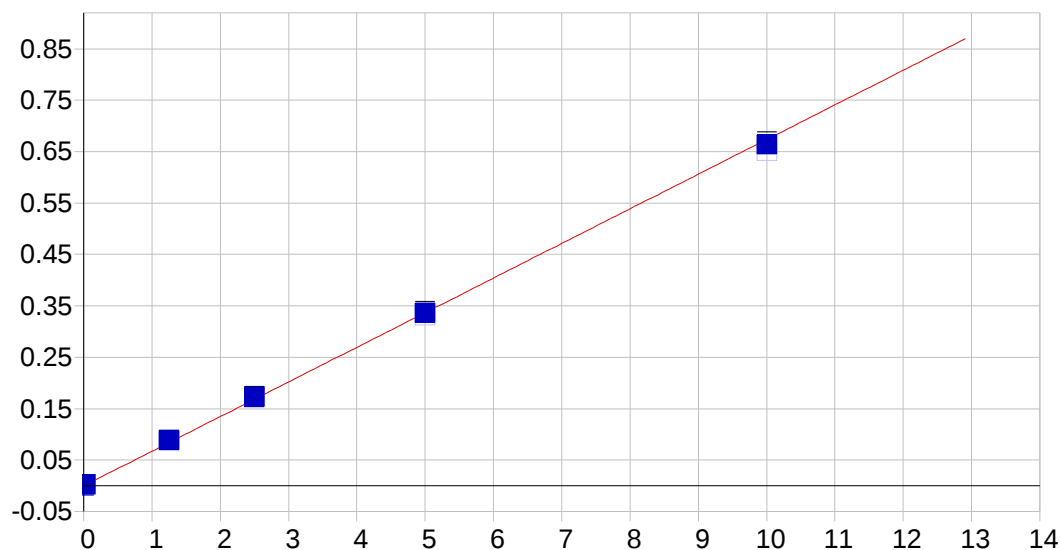
Status: OK.

Std Error of Est: 0.000032

Predicted MDL: 0.003438

Predicted MQL: 0.011460

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	-.00019	.000	1
S1	.01000	.01221	.002	22.1	.00048	.000	1
S2	1.2500	1.1648	-.085	-6.82	.06412	.000	1
S3	2.5000	2.3871	-.113	-4.52	.13161	.001	1
S4	5.0000	4.8923	-.108	-2.15	.26993	.000	1
S5	10.000	10.304	.304	3.04	.56872	.003	1

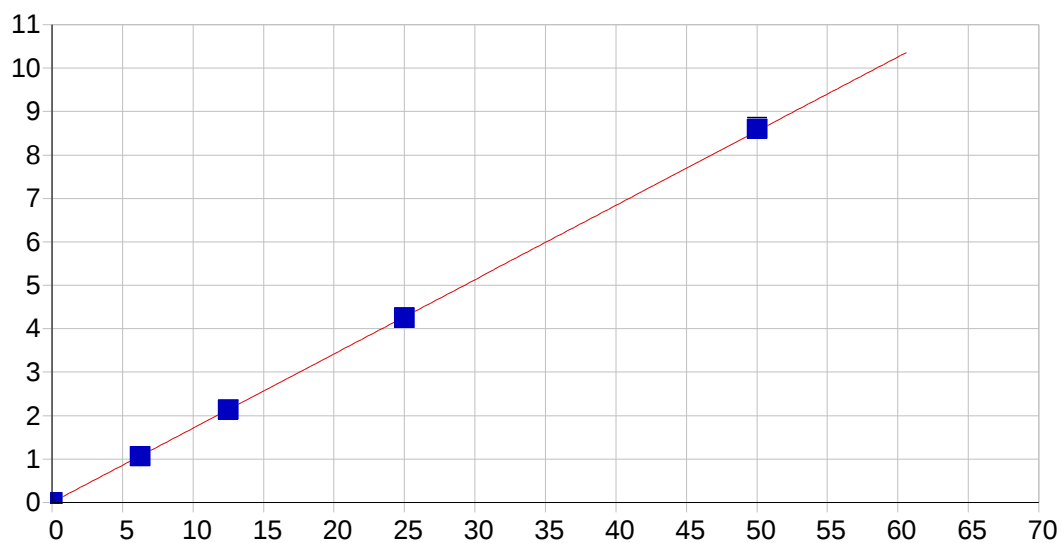


TI 190.856 {477}

Date of Fit: 7/10/2017 18:15:59 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.000177 Re-Slope: 1.000000
 A1 (Gain): 0.067377 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999754 Status: OK.
 Std Error of Est: 0.000039
 Predicted MDL: 0.001791
 Predicted MQL: 0.005970

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00001	.000	.000	-.00018	.000	1
S1	.02500	.03079	.006	23.2	.00176	.000	1
S2	1.2500	1.3123	.062	4.98	.08671	.000	1
S3	2.5000	2.5766	.077	3.07	.17037	.001	1
S4	5.0000	5.0011	.001	.021	.33066	.002	1
S5	10.000	9.8546	-.145	-1.45	.65156	.006	1

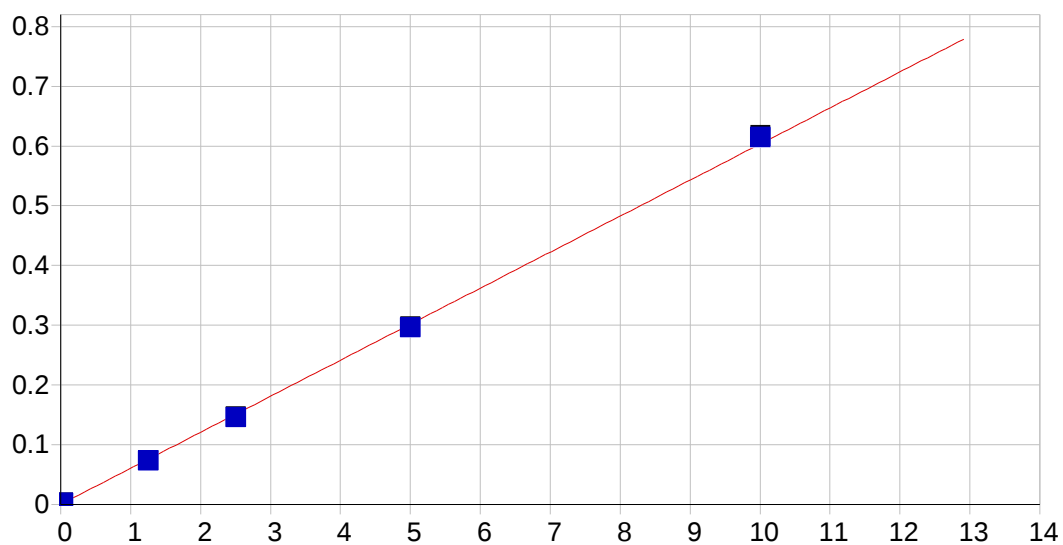


Pb 220.353 {453}

Date of Fit: 7/10/2017 18:15:59 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.000476 Re-Slope: 1.000000
 A1 (Gain): 0.170997 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999977 Status: OK.
 Std Error of Est: 0.000044
 Predicted MDL: 0.001482
 Predicted MQL: 0.004939

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	.00048	.000	1
S1	.01000	.01117	.001	11.7	.00238	.000	1
S2	6.2500	6.1835	-.067	-1.06	1.0581	.003	1
S3	12.500	12.443	-.057	-.456	2.1288	.009	1
S4	25.000	24.814	-.186	-.745	4.2448	.007	1
S5	50.000	50.309	.309	.617	8.6056	.032	1

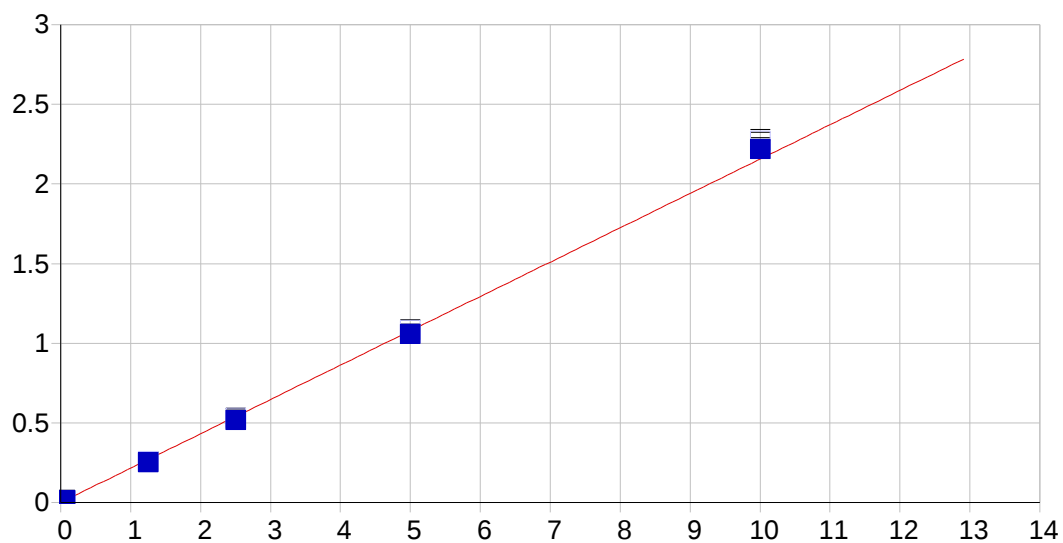


Se 196.090 {472}

Date of Fit: 7/10/2017 18:15:59 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.000281 Re-Slope: 1.000000
 A1 (Gain): 0.060310 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999760 Status: OK.
 Std Error of Est: 0.000041
 Predicted MDL: 0.003432
 Predicted MQL: 0.011439

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	.00028	.000	1
S1	.03500	.03619	.001	3.40	.00246	.000	1
S2	1.2500	1.2108	-.039	-3.14	.07303	.000	1
S3	2.5000	2.4222	-.078	-3.11	.14581	.001	1
S4	5.0000	4.9177	-.082	-1.65	.29575	.001	1
S5	10.000	10.198	.198	1.98	.61310	.003	1

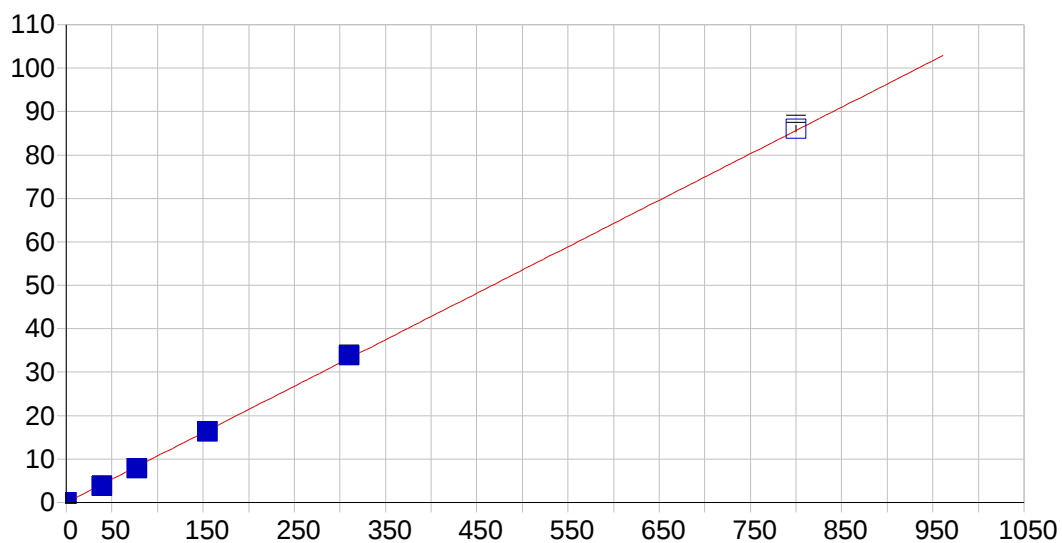


Sb 206.833 {463}

Date of Fit: 7/10/2017 18:15:59 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.000137 Re-Slope: 1.000000
 A1 (Gain): 0.215603 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999464 Status: OK.
 Std Error of Est: 0.000297
 Predicted MDL: 0.001322
 Predicted MQL: 0.004407

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	.00014	.000	1
S1	.06000	.06178	.002	2.96	.01345	.000	1
S2	1.2500	1.1639	-.086	-6.89	.25755	.001	1
S3	2.5000	2.3924	-.108	-4.31	.52889	.001	1
S4	5.0000	4.9000	-.100	-2.00	1.0825	.002	1
S5	10.000	10.292	.292	2.92	2.2709	.009	1

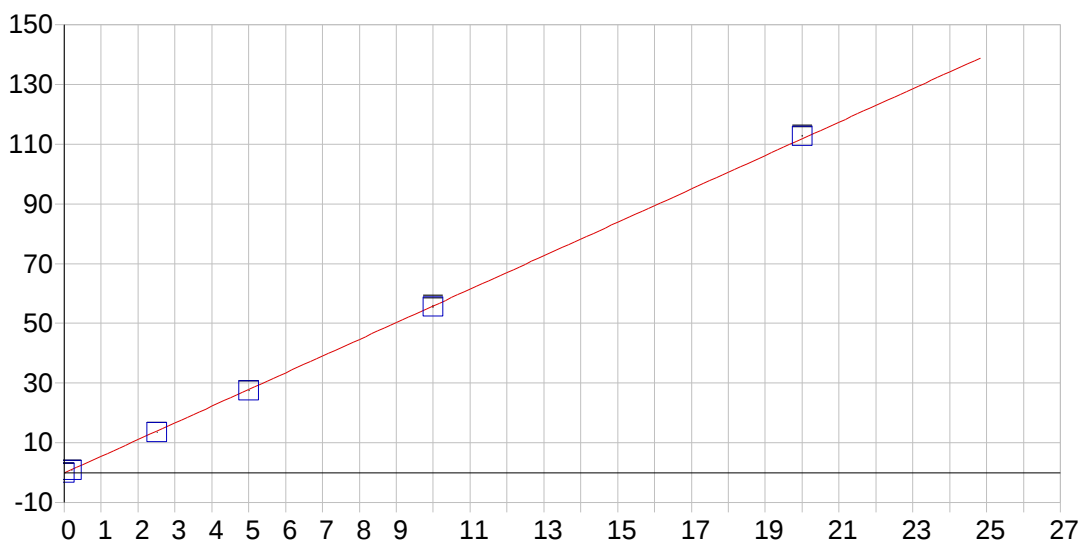


AI 396.152 { 85}

Date of Fit: 7/10/2017 18:15:59 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.001435 Re-Slope: 1.000000
 A1 (Gain): 0.107045 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999747 Status: OK.
 Std Error of Est: 0.001499
 Predicted MDL: 0.006052
 Predicted MQL: 0.020174

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00003	.000	.000	.00144	.000	1
S1	.20000	.19469	-.005	-2.65	.02232	.000	1
S2	38.750	35.748	-3.00	-7.75	3.8330	.004	1
S3	77.500	73.066	-4.43	-5.72	7.8327	.010	1
S4	155.00	152.03	-2.97	-1.92	16.295	.025	1
S5	310.00	316.55	6.55	2.11	33.927	.030	1
S6	800.00	803.86	3.86	.483	86.051	.784	1



Ba 493.409 { 68}

Date of Fit: 7/10/2017 18:15:59

Type of Fit: Linear

Weighting: 1/Conc

A0 (Offset): -0.139241

Re-Slope: 1.000000

A1 (Gain): 5.595678

Y-int: 0.000000

A2 (Curvature): 0.000000

n (Exponent): 1.000000

Correlation: 0.999916

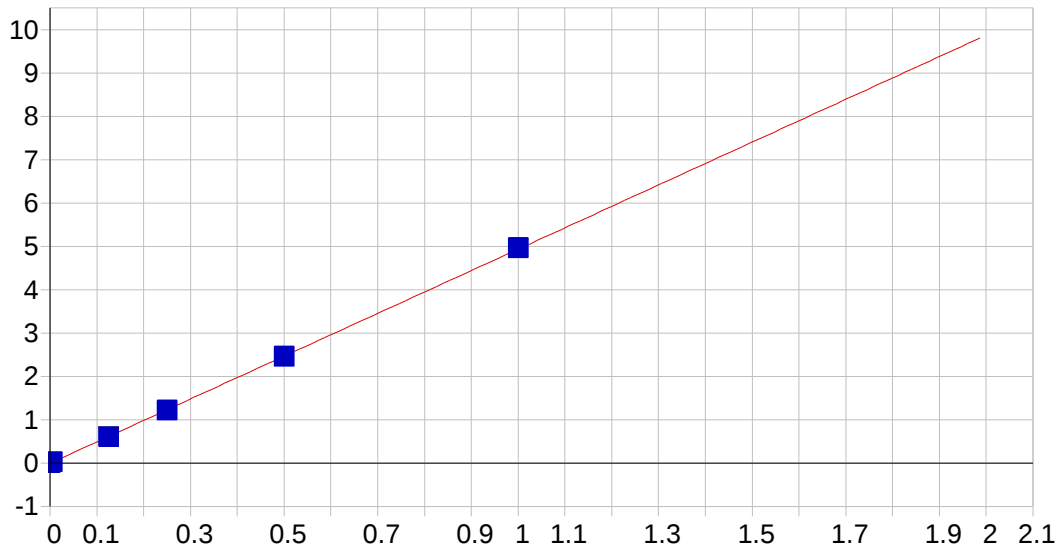
Status: OK.

Std Error of Est: 0.007719

Predicted MDL: 0.000525

Predicted MQL: 0.001751

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00003	.000	.000	-.13909	.001	1
S1	.20000	.18029	-.020	-9.85	.86962	.003	1
S2	2.5000	2.4302	-.070	-2.79	13.459	.023	1
S3	5.0000	4.9387	-.061	-1.23	27.496	.059	1
S4	10.000	9.9708	-.029	-.292	55.654	.420	1
S5	20.000	20.180	.180	.900	112.78	.296	1



Be 234.861 {144}

Date of Fit: 7/10/2017 18:15:59

Type of Fit: Linear

Weighting: 1/Conc

A0 (Offset): -0.002577

Re-Slope: 1.000000

A1 (Gain): 4.936742

Y-int: 0.000000

A2 (Curvature): 0.000000

n (Exponent): 1.000000

Correlation: 0.999981

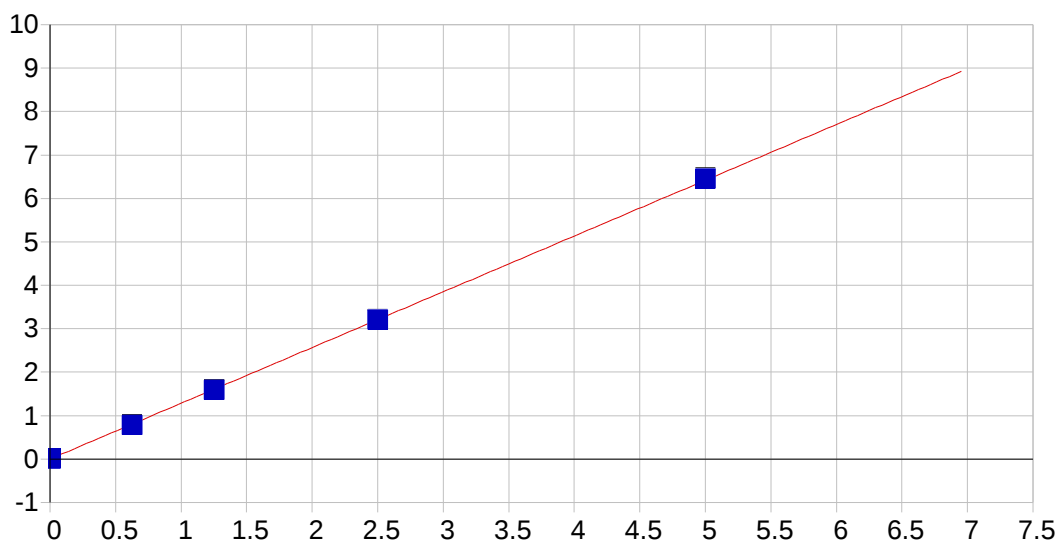
Status: OK.

Std Error of Est: 0.000113

Predicted MDL: 0.000075

Predicted MQL: 0.000250

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	-.00258	.000	1
S1	.00500	.00519	.000	3.76	.02302	.000	1
S2	.12500	.12405	-.001	-.761	.60774	.003	1
S3	.25000	.24742	-.003	-1.03	1.2147	.004	1
S4	.50000	.49842	-.002	-.316	2.4497	.012	1
S5	1.0000	1.0049	.005	.493	4.9419	.010	1



Cd 214.438 {457}

Date of Fit: 7/10/2017 18:15:59

Type of Fit: Linear

Weighting: 1/Conc

A0 (Offset): 0.000115

Re-Slope: 1.000000

A1 (Gain): 1.283636

Y-int: 0.000000

A2 (Curvature): 0.000000

n (Exponent): 1.000000

Correlation: 0.999971

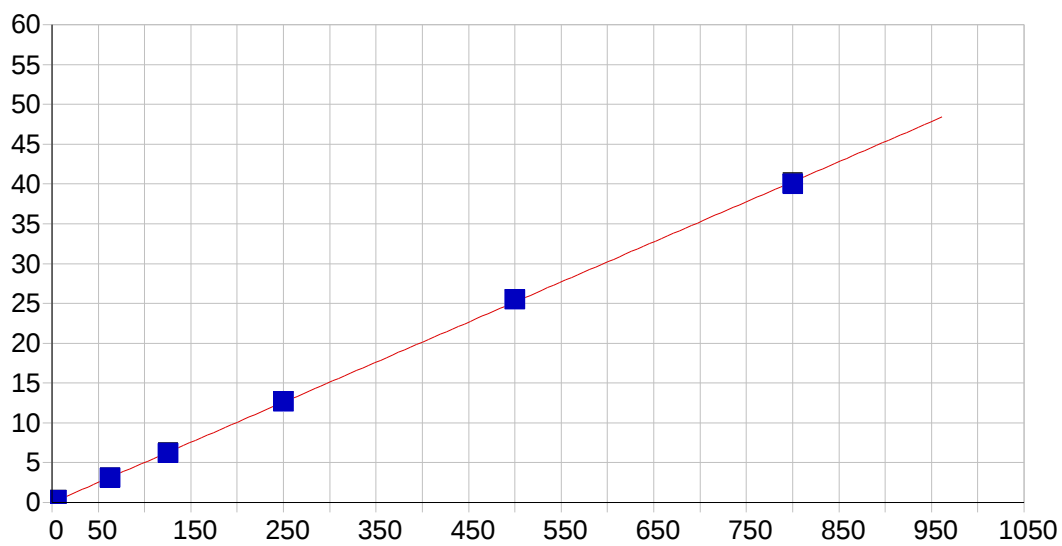
Status: OK.

Std Error of Est: 0.000082

Predicted MDL: 0.000125

Predicted MQL: 0.000416

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	.00011	.000	1
S1	.00500	.00542	.000	8.36	.00707	.000	1
S2	.62500	.61141	-.014	-2.17	.78635	.003	1
S3	1.2500	1.2395	-.010	-.838	1.5940	.004	1
S4	2.5000	2.4988	-.001	-.049	3.2132	.003	1
S5	5.0000	5.0249	.025	.497	6.4614	.020	1

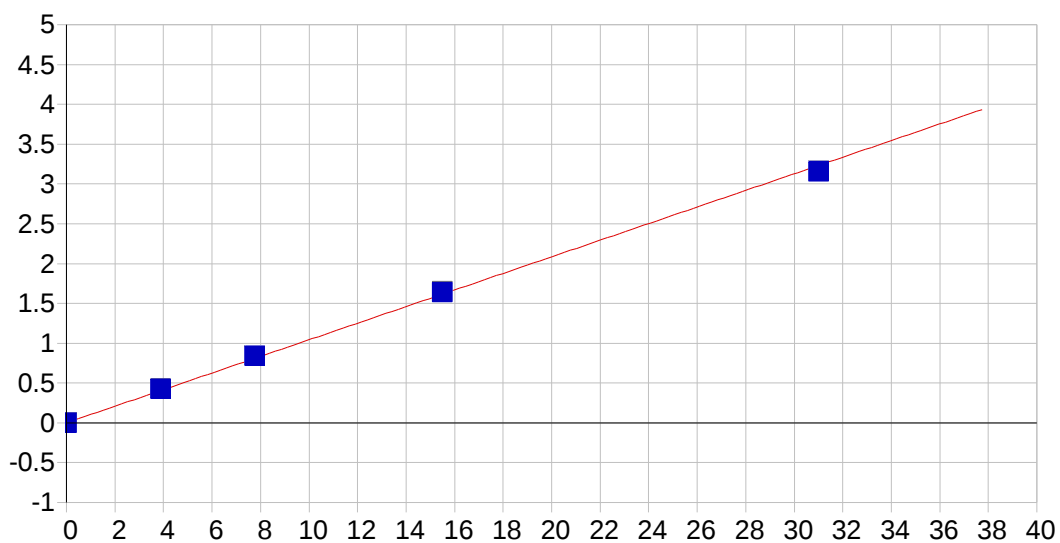


Ca 373.690 { 90}

Date of Fit: 7/10/2017 18:15:59 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.002082 Re-Slope: 1.000000
 A1 (Gain): 0.050347 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999955 Status: OK.
 Std Error of Est: 0.001672
 Predicted MDL: 0.012221
 Predicted MQL: 0.040735

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	.00208	.001	1
S1	5.0000	5.1075	.107	2.15	.25922	.000	1
S2	62.500	61.241	-1.26	-2.02	3.0815	.015	1
S3	125.00	123.34	-1.66	-1.32	6.2045	.027	1
S4	250.00	251.17	1.17	.469	12.633	.026	1
S5	500.00	506.19	6.19	1.24	25.457	.032	1
S6	800.00	795.44	-4.56	-.570	39.969	.086	1

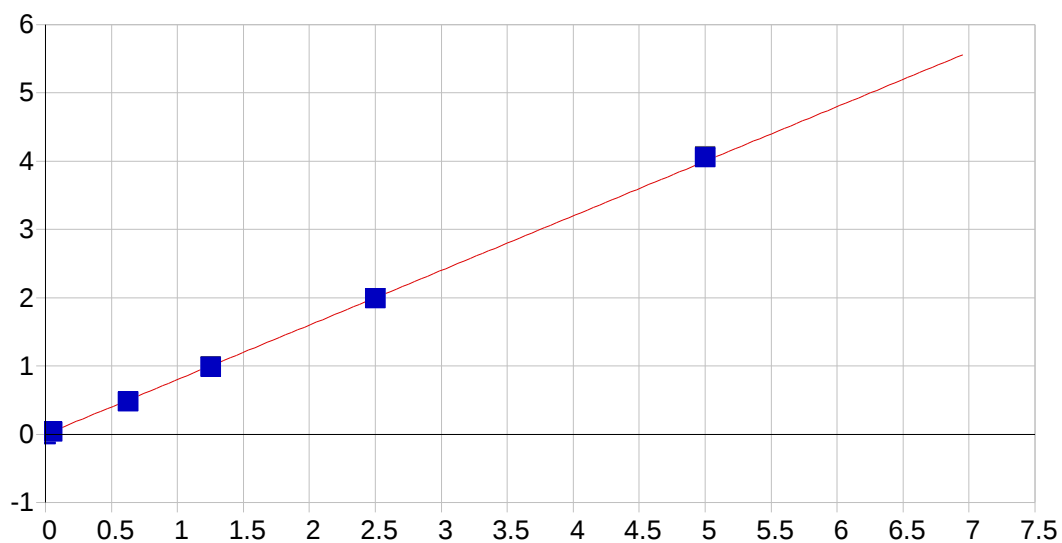


Cr 267.716 {126}

Date of Fit: 7/10/2017 18:15:59 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.000000 Re-Slope: 1.000000
 A1 (Gain): 0.104249 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999640 Status: OK.
 Std Error of Est: 0.000083
 Predicted MDL: 0.000513
 Predicted MQL: 0.001710

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	.00000	.000	1
S1	.01000	.01208	.002	20.8	.00127	.000	1
S2	3.8750	4.0573	.182	4.70	.42401	.004	1
S3	7.7500	8.0673	.317	4.09	.84310	.003	1
S4	15.500	15.722	.222	1.43	1.6431	.007	1
S5	31.000	30.277	-.723	-2.33	3.1647	.002	1



Co 228.616 {448}

Date of Fit: 7/10/2017 18:15:59

Type of Fit: Linear

Weighting: 1/Conc

A0 (Offset): -0.000257

Re-Slope: 1.000000

A1 (Gain): 0.799861

Y-int: 0.000000

A2 (Curvature): 0.000000

n (Exponent): 1.000000

Correlation: 0.999829

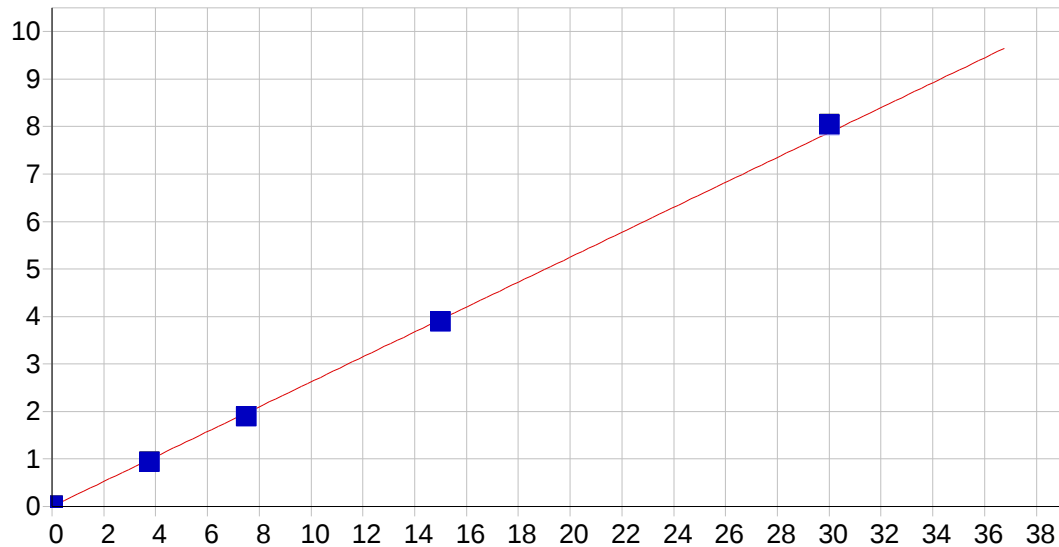
Status: OK.

Std Error of Est: 0.000394

Predicted MDL: 0.000219

Predicted MQL: 0.000730

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00001	.000	.000	-.00025	.000	1
S1	.05000	.04367	-.006	-12.7	.03482	.000	1
S2	.62500	.59946	-.026	-4.09	.48027	.001	1
S3	1.2500	1.2290	-.021	-1.68	.98485	.005	1
S4	2.5000	2.4844	-.016	-.624	1.9911	.002	1
S5	5.0000	5.0685	.068	1.37	4.0622	.012	1

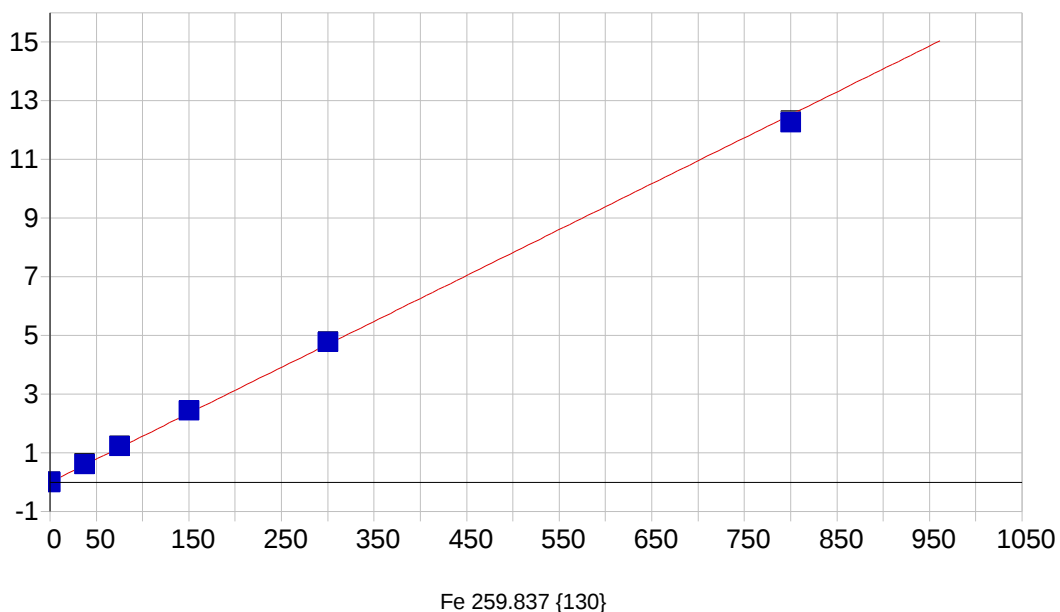


Cu 324.754 {104}

Date of Fit: 7/10/2017 18:15:59 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.001329 Re-Slope: 1.000000
 A1 (Gain): 0.262433 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999691 Status: OK.
 Std Error of Est: 0.000299
 Predicted MDL: 0.001519
 Predicted MQL: 0.005063

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	.00133	.000	1
S1	.02500	.02663	.002	6.54	.00828	.001	1
S2	3.7500	3.5715	-.179	-4.76	.93580	.000	1
S3	7.5000	7.2250	-.275	-3.67	1.8918	.001	1
S4	15.000	14.814	-.186	-1.24	3.8778	.007	1
S5	30.000	30.638	.638	2.13	8.0193	.009	1



Date of Fit: 7/10/2017 18:15:59

Type of Fit: Linear

Weighting: 1/Conc

A0 (Offset): 0.000140

Re-Slope: 1.000000

A1 (Gain): 0.015654

Y-int: 0.000000

A2 (Curvature): 0.000000

n (Exponent): 1.000000

Correlation: 0.999669

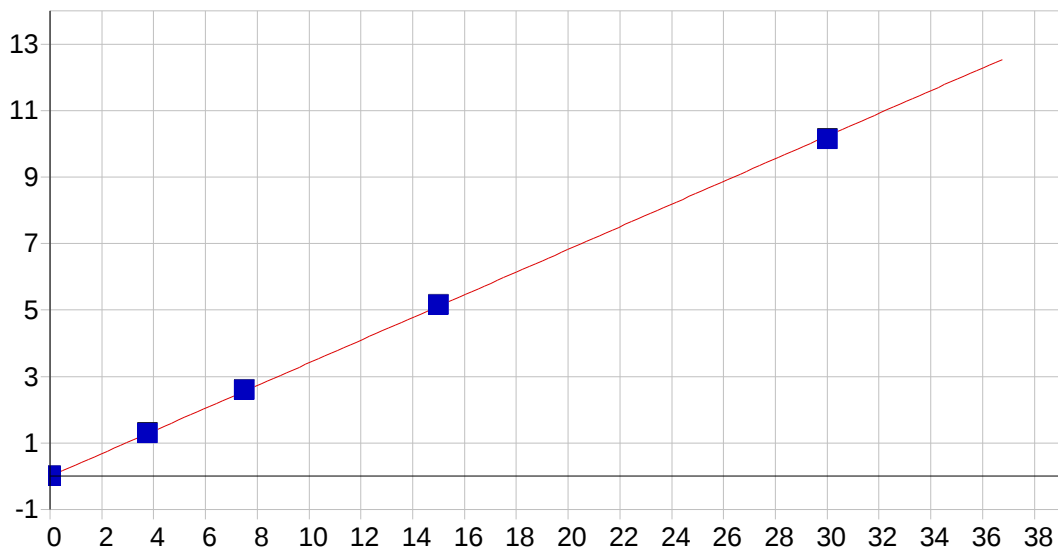
Status: OK.

Std Error of Est: 0.000176

Predicted MDL: 0.012478

Predicted MQL: 0.041593

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00002	.000	.000	.00014	.000	1
S1	.10000	.10724	.007	7.24	.00183	.000	1
S2	37.500	39.401	1.90	5.07	.61762	.003	1
S3	75.000	78.368	3.37	4.49	1.2283	.003	1
S4	150.00	155.76	5.76	3.84	2.4412	.009	1
S5	300.00	305.37	5.37	1.79	4.7860	.006	1
S6	800.00	783.57	-16.4	-2.05	12.272	.044	1

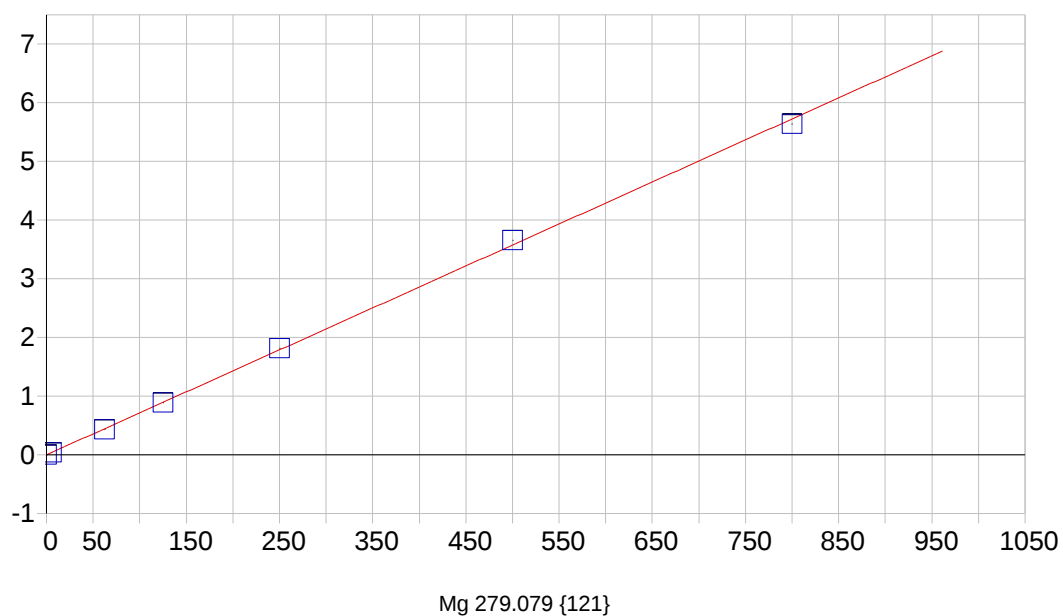


Mn 257.610 {131}

Date of Fit: 7/10/2017 18:15:59 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.000128 Re-Slope: 1.000000
 A1 (Gain): 0.341175 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999935 Status: OK.
 Std Error of Est: 0.000138
 Predicted MDL: 0.000641
 Predicted MQL: 0.002135

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	-.00013	.000	1
S1	.01500	.01698	.002	13.2	.00567	.000	1
S2	3.7500	3.8157	.066	1.75	1.3020	.007	1
S3	7.5000	7.6225	.123	1.63	2.6010	.008	1
S4	15.000	15.112	.112	.745	5.1567	.017	1
S5	30.000	29.698	-.302	-1.01	10.134	.015	1



Date of Fit: 7/10/2017 18:15:59

Type of Fit: Linear

Weighting: 1/Conc

A0 (Offset): -0.000125

Re-Slope: 1.000000

A1 (Gain): 0.007156

Y-int: 0.000000

A2 (Curvature): 0.000000

n (Exponent): 1.000000

Correlation: 0.999841

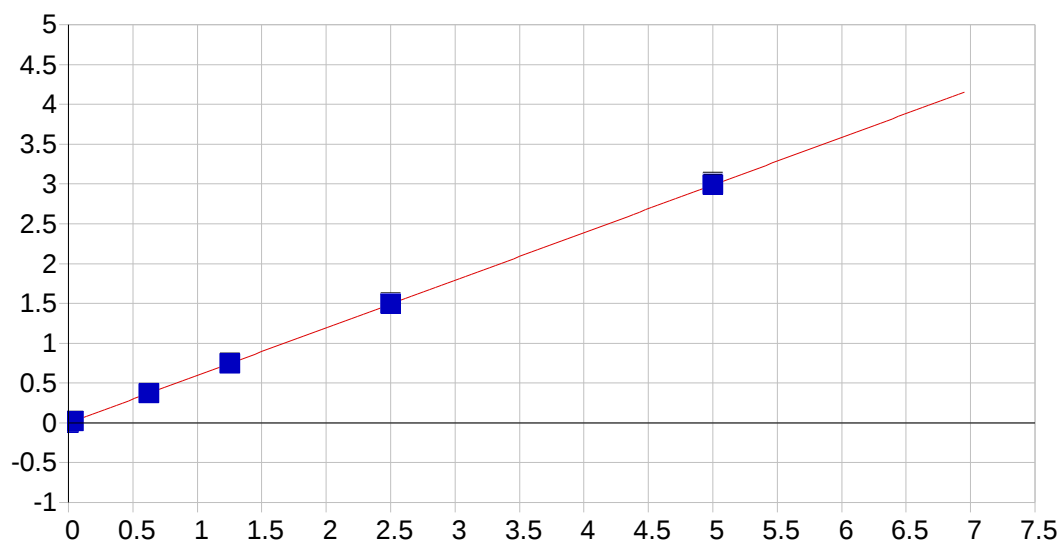
Status: OK.

Std Error of Est: 0.000445

Predicted MDL: 0.031584

Predicted MQL: 0.105279

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00008	.000	.000	-.00012	.000	1
S1	5.0000	5.0053	.005	.106	.03569	.001	1
S2	62.500	60.491	-2.01	-3.21	.43275	.002	1
S3	125.00	123.99	-1.01	-.809	.88714	.001	1
S4	250.00	253.82	3.82	1.53	1.8162	.003	1
S5	500.00	511.08	11.1	2.22	3.6572	.003	1
S6	800.00	788.12	-11.9	-1.49	5.6397	.013	1

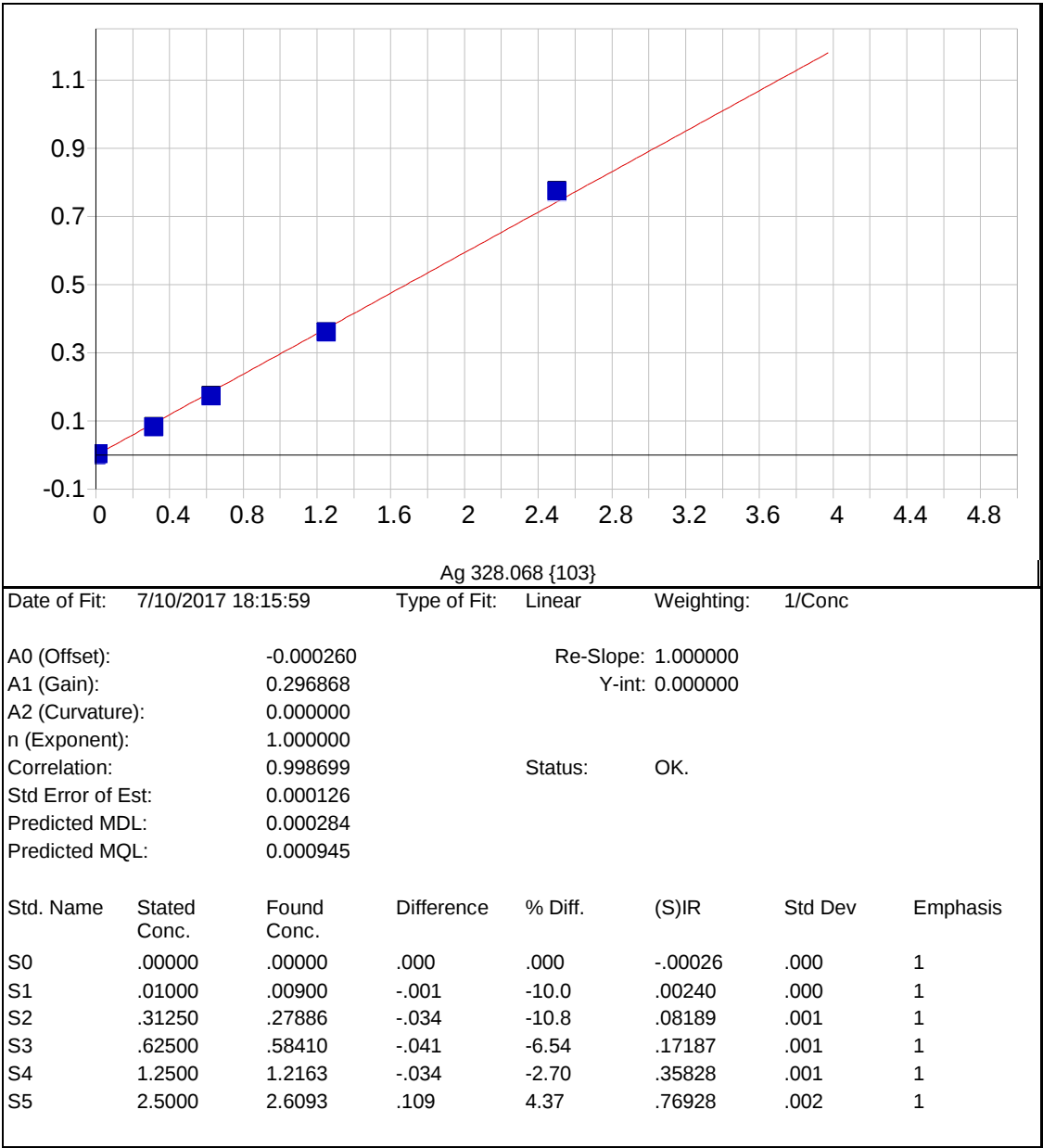


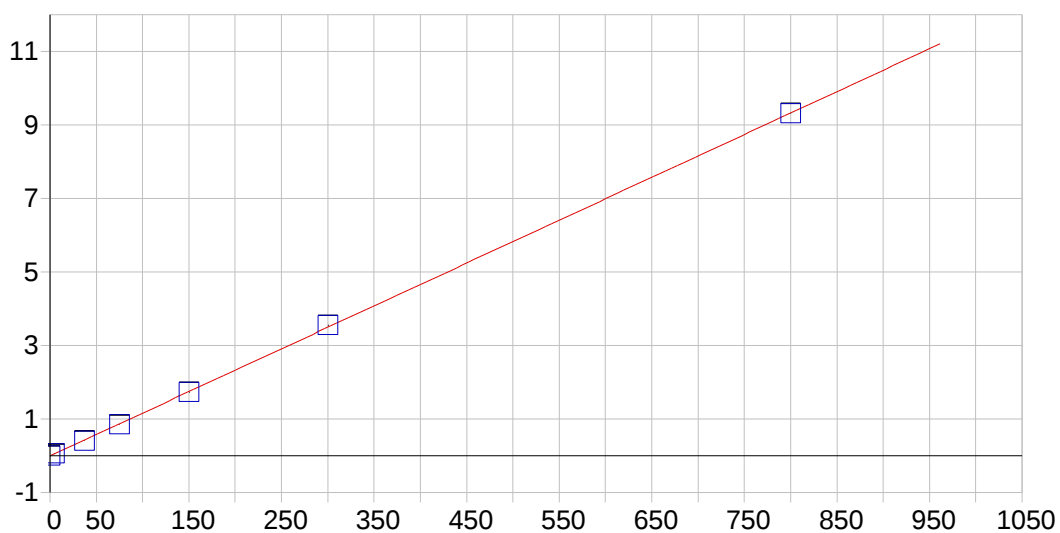
Ni 231.604 {446}

Date of Fit: 7/10/2017 18:15:59 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.000935 Re-Slope: 1.000000
 A1 (Gain): 0.597374 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999981 Status: OK.
 Std Error of Est: 0.000088
 Predicted MDL: 0.000338
 Predicted MQL: 0.001127

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	-.00093	.000	1
S1	.04000	.03692	-.003	-7.69	.02115	.000	1
S2	.62500	.61701	-.008	-1.28	.36962	.001	1
S3	1.2500	1.2489	-.001	-.084	.74908	.002	1
S4	2.5000	2.5033	.003	.133	1.5023	.003	1
S5	5.0000	5.0088	.009	.176	3.0069	.013	1





Na 818.326 { 41}

Date of Fit: 7/10/2017 18:15:59

Type of Fit: Linear

Weighting: 1/Conc

A0 (Offset): -0.005103

Re-Slope: 1.000000

A1 (Gain): 0.011660

Y-int: 0.000000

A2 (Curvature): 0.000000

n (Exponent): 1.000000

Correlation: 0.999907

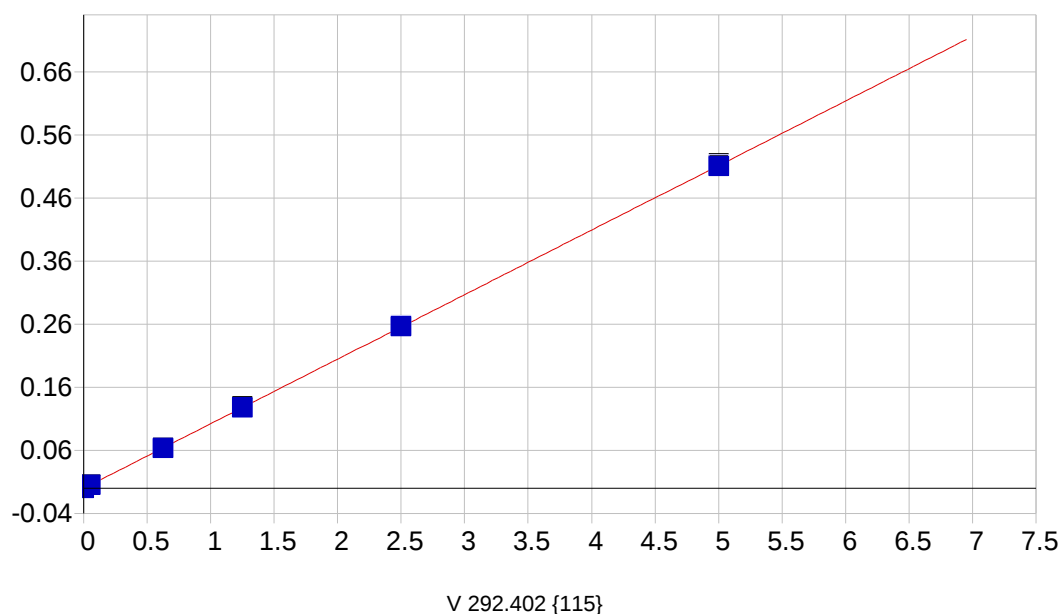
Status: OK.

Std Error of Est: 0.000493

Predicted MDL: 0.119619

Predicted MQL: 0.398730

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00030	.000	.000	-.00510	.001	1
S1	5.0000	5.0421	.042	.842	.05369	.002	1
S2	37.500	35.615	-1.89	-5.03	.41016	.002	1
S3	75.000	72.771	-2.23	-2.97	.84341	.003	1
S4	150.00	149.11	-.891	-.594	1.7335	.004	1
S5	300.00	305.16	5.16	1.72	3.5531	.003	1
S6	800.00	799.80	-.199	-.025	9.3205	.006	1



Date of Fit: 7/10/2017 18:15:59

Type of Fit: Linear

Weighting: 1/Conc

A0 (Offset): -0.000050

Re-Slope: 1.000000

A1 (Gain): 0.102244

Y-int: 0.000000

A2 (Curvature): 0.000000

n (Exponent): 1.000000

Correlation: 0.999996

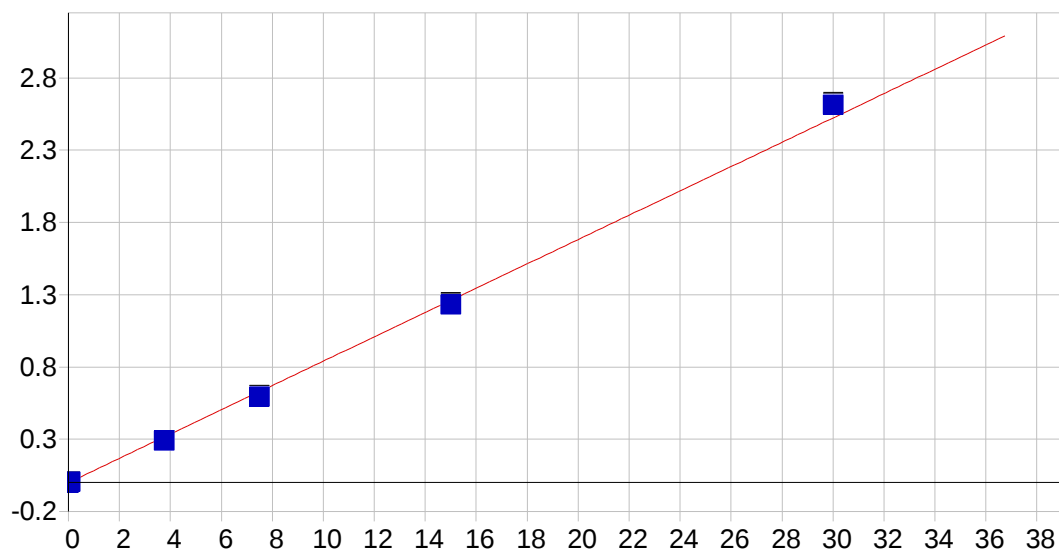
Status: OK.

Std Error of Est: 0.000008

Predicted MDL: 0.002864

Predicted MQL: 0.009548

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	-.00005	.000	1
S1	.05000	.04965	.000	-.690	.00504	.000	1
S2	.62500	.62378	-.001	-.195	.06399	.000	1
S3	1.2500	1.2477	-.002	-.185	.12805	.001	1
S4	2.5000	2.5115	.012	.461	.25780	.000	1
S5	5.0000	4.9923	-.008	-.153	.51250	.002	1



Zn 213.856 {158}

Date of Fit: 7/10/2017 18:15:59

Type of Fit: Linear

Weighting: 1/Conc

A0 (Offset): -0.001030

Re-Slope: 1.000000

A1 (Gain): 0.084127

Y-int: 0.000000

A2 (Curvature): 0.000000

n (Exponent): 1.000000

Correlation: 0.999166

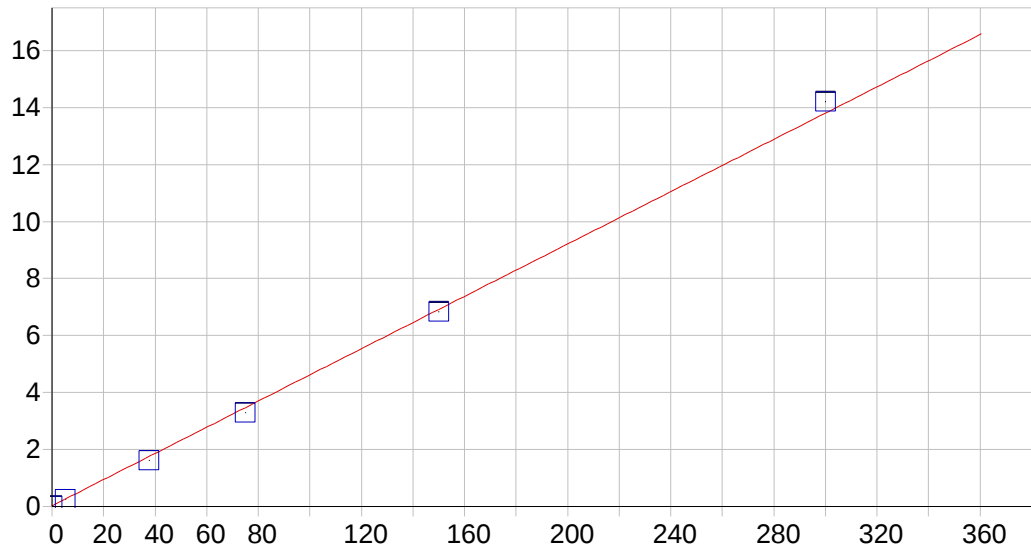
Status: OK.

Std Error of Est: 0.000245

Predicted MDL: 0.008444

Predicted MQL: 0.028148

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	-.00103	.000	1
S1	.06000	.06672	.007	11.2	.00460	.001	1
S2	3.7500	3.4448	-.305	-8.14	.28953	.001	1
S3	7.5000	7.0820	-.418	-5.57	.59627	.007	1
S4	15.000	14.654	-.346	-2.30	1.2348	.012	1
S5	30.000	31.062	1.06	3.54	2.6182	.013	1



K 769.896 { 44}

Date of Fit: 7/10/2017 18:15:59

Type of Fit: Linear

Weighting: 1/Conc

A0 (Offset): 0.025221

Re-Slope: 1.000000

A1 (Gain): 0.045937

Y-int: 0.000000

A2 (Curvature): 0.000000

n (Exponent): 1.000000

Correlation: 0.999369

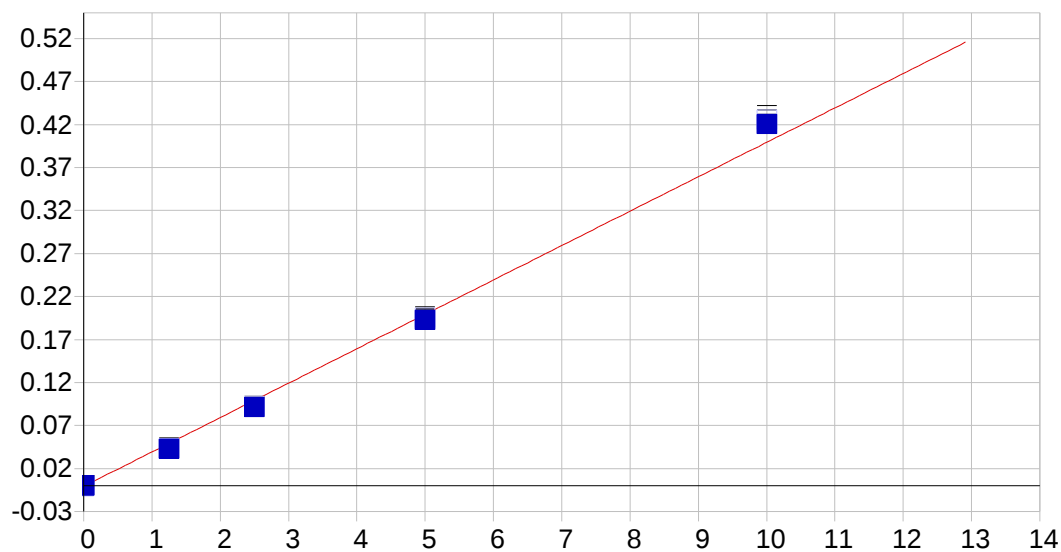
Status: OK.

Std Error of Est: 0.003365

Predicted MDL: 0.029303

Predicted MQL: 0.097678

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00079	.001	.000	.02526	.000	1
S1	5.0000	4.7695	-.231	-4.61	.24432	.000	1
S2	37.500	34.570	-2.93	-7.81	1.6132	.004	1
S3	75.000	71.122	-3.88	-5.17	3.2924	.002	1
S4	150.00	148.27	-1.73	-1.15	6.8363	.019	1
S5	300.00	308.77	8.77	2.92	14.209	.011	1



P 177.495 {490}

Date of Fit: 7/10/2017 18:15:59

Type of Fit: Linear

Weighting: 1/Conc

A0 (Offset): -0.000801

Re-Slope: 1.000000

A1 (Gain): 0.040016

Y-int: 0.000000

A2 (Curvature): 0.000000

n (Exponent): 1.000000

Correlation: 0.998120

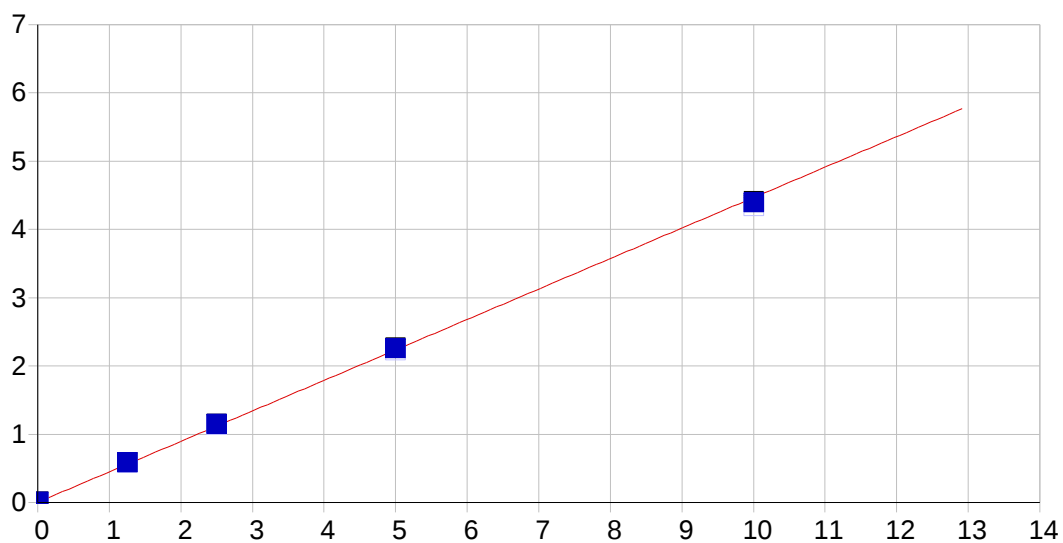
Status: OK.

Std Error of Est: 0.000042

Predicted MDL: 0.002580

Predicted MQL: 0.008601

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	-.00080	.000	1
S1	.01000	.01366	.004	36.6	-.00025	.000	1
S2	1.2500	1.0840	-.166	-13.3	.04323	.001	1
S3	2.5000	2.2964	-.204	-8.14	.09239	.000	1
S4	5.0000	4.8408	-.159	-3.18	.19550	.001	1
S5	10.000	10.525	.525	5.25	.42555	.005	1



B 249.678 {135}

Date of Fit: 7/10/2017 18:15:59

Type of Fit: Linear

Weighting: 1/Conc

A0 (Offset): 0.002766

Re-Slope: 1.000000

A1 (Gain): 0.446414

Y-int: 0.000000

A2 (Curvature): 0.000000

n (Exponent): 1.000000

Correlation: 0.999809

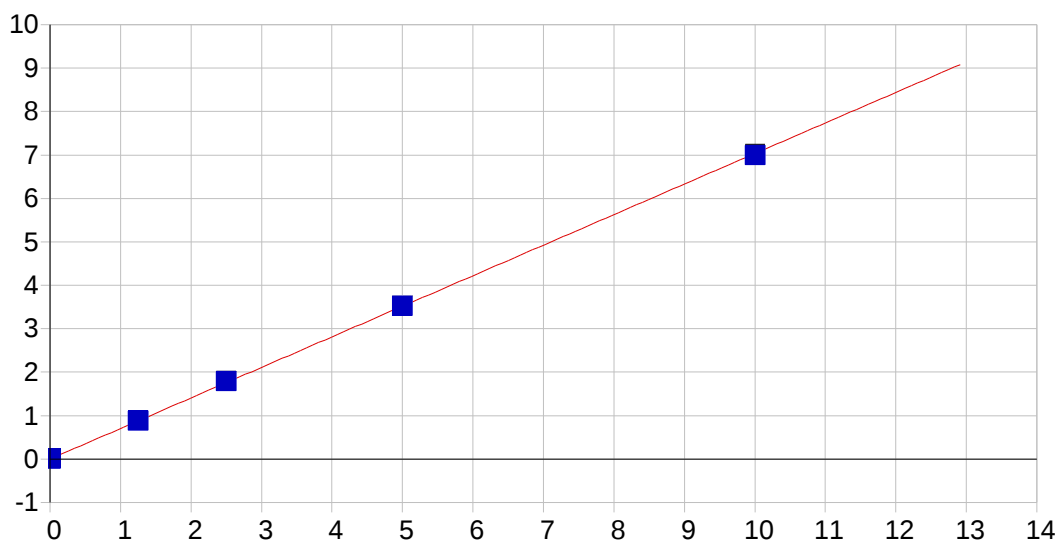
Status: OK.

Std Error of Est: 0.000144

Predicted MDL: 0.000864

Predicted MQL: 0.002881

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	.00276	.000	1
S1	.01000	.01176	.002	17.6	.00803	.001	1
S2	1.2500	1.3015	.051	4.12	.57678	.003	1
S3	2.5000	2.5622	.062	2.49	1.1326	.003	1
S4	5.0000	5.0454	.045	.908	2.2271	.015	1
S5	10.000	9.8391	-.161	-1.61	4.3392	.014	1

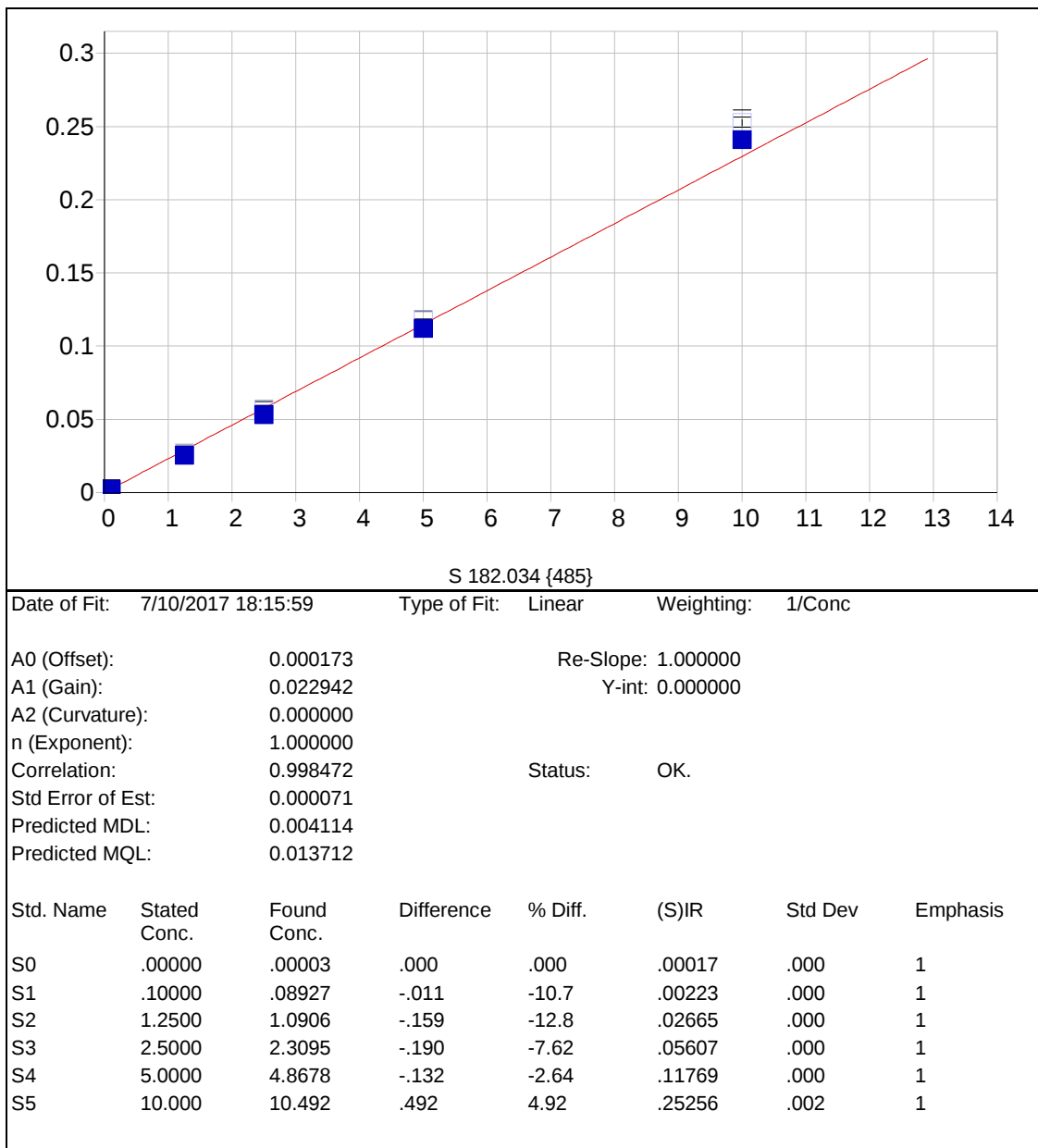


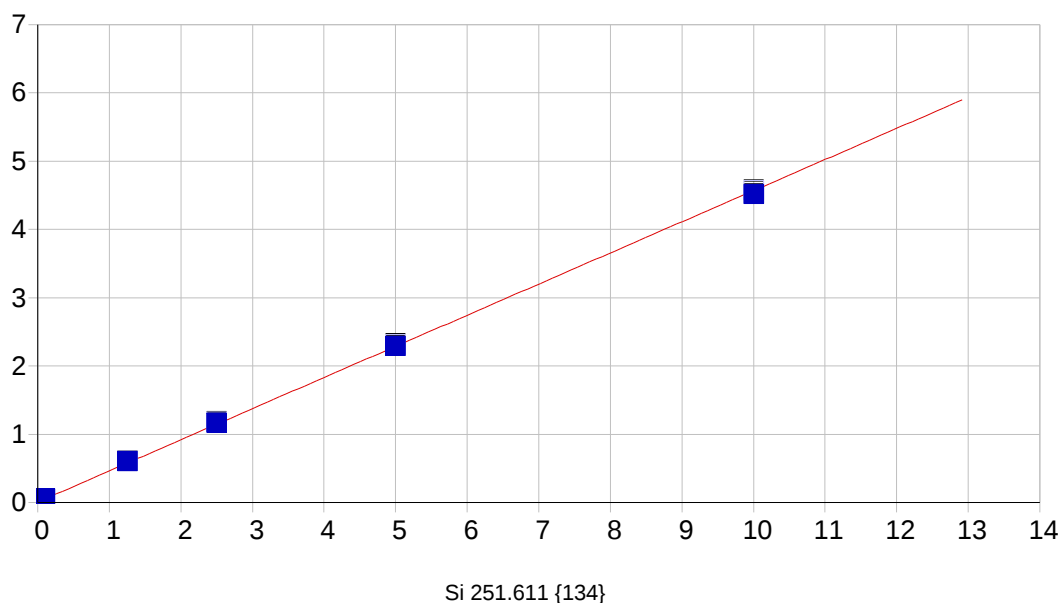
Mo 202.030 {467}

Date of Fit: 7/10/2017 18:15:59 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.000199 Re-Slope: 1.000000
 A1 (Gain): 0.703394 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999971 Status: OK.
 Std Error of Est: 0.000091
 Predicted MDL: 0.000325
 Predicted MQL: 0.001083

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	.00020	.000	1
S1	.01000	.01081	.001	8.09	.00782	.000	1
S2	1.2500	1.2545	.004	.357	.88338	.001	1
S3	2.5000	2.5402	.040	1.61	1.7886	.004	1
S4	5.0000	5.0131	.013	.261	3.5296	.007	1
S5	10.000	9.9415	-.059	-.585	6.9993	.019	1





Date of Fit: 7/10/2017 18:15:59

Type of Fit: Linear

Weighting: 1/Conc

A0 (Offset): 0.006506

Re-Slope: 1.000000

A1 (Gain): 0.456185

Y-int: 0.000000

A2 (Curvature): 0.000000

n (Exponent): 1.000000

Correlation: 0.999872

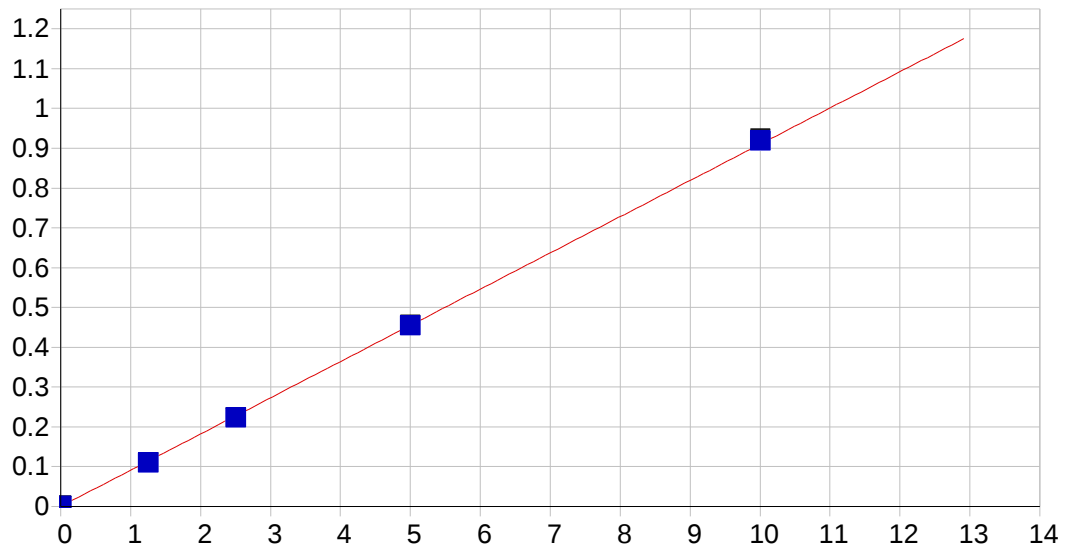
Status: OK.

Std Error of Est: 0.000393

Predicted MDL: 0.000876

Predicted MQL: 0.002920

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00001	.000	.000	.00650	.000	1
S1	.10000	.10303	.003	3.03	.05367	.000	1
S2	1.2500	1.3080	.058	4.64	.60990	.003	1
S3	2.5000	2.5465	.046	1.86	1.1816	.005	1
S4	5.0000	5.0060	.006	.119	2.3170	.015	1
S5	10.000	9.8865	-.113	-1.13	4.5703	.008	1

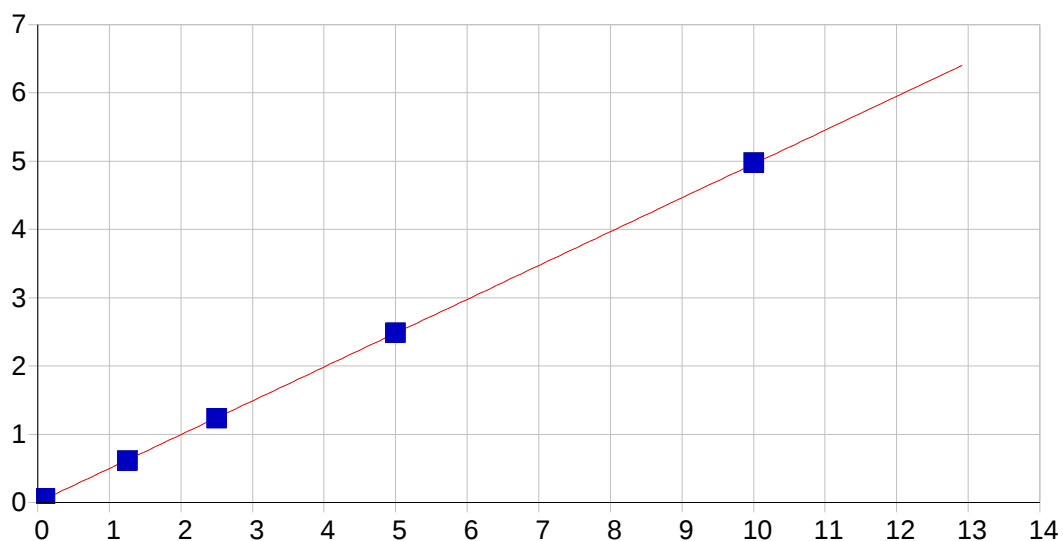


Sn 189.989 {478}

Date of Fit: 7/10/2017 18:15:59 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.000099 Re-Slope: 1.000000
 A1 (Gain): 0.091004 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999899 Status: OK.
 Std Error of Est: 0.000018
 Predicted MDL: 0.001166
 Predicted MQL: 0.003887

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	.00010	.000	1
S1	.00700	.00649	-.001	-7.28	.00068	.000	1
S2	1.2500	1.2035	-.046	-3.72	.10954	.001	1
S3	2.5000	2.4497	-.050	-2.01	.22286	.001	1
S4	5.0000	4.9972	-.003	-.057	.45451	.001	1
S5	10.000	10.100	.100	1.00	.91854	.005	1



Ti 336.121 {100}

Date of Fit: 7/10/2017 18:15:59

Type of Fit: Linear

Weighting: 1/Conc

A0 (Offset): 0.001973

Re-Slope: 1.000000

A1 (Gain): 0.495737

Y-int: 0.000000

A2 (Curvature): 0.000000

n (Exponent): 1.000000

Correlation: 0.999981

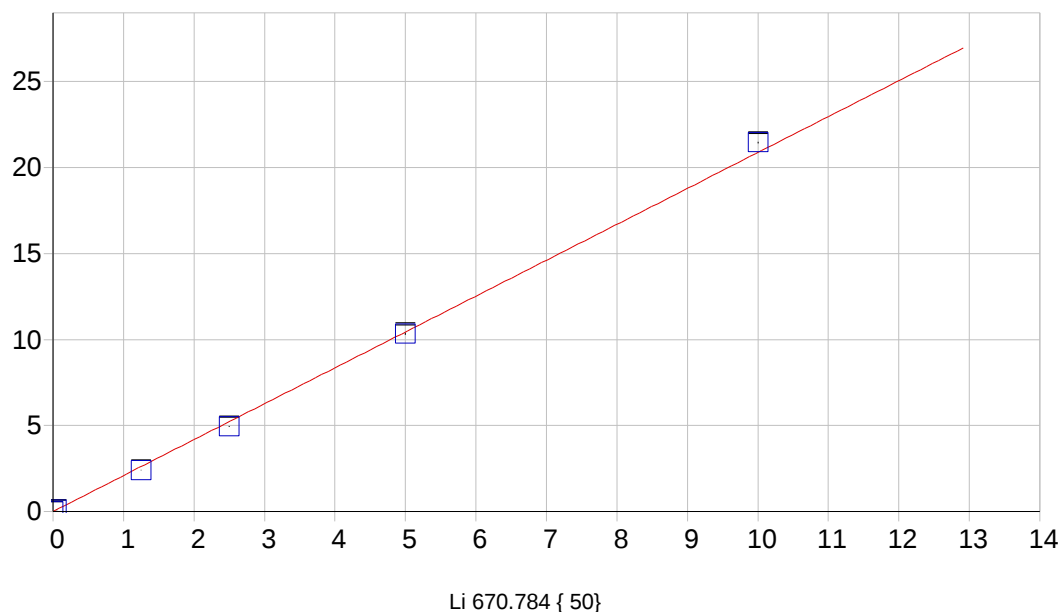
Status: OK.

Std Error of Est: 0.000160

Predicted MDL: 0.000891

Predicted MQL: 0.002969

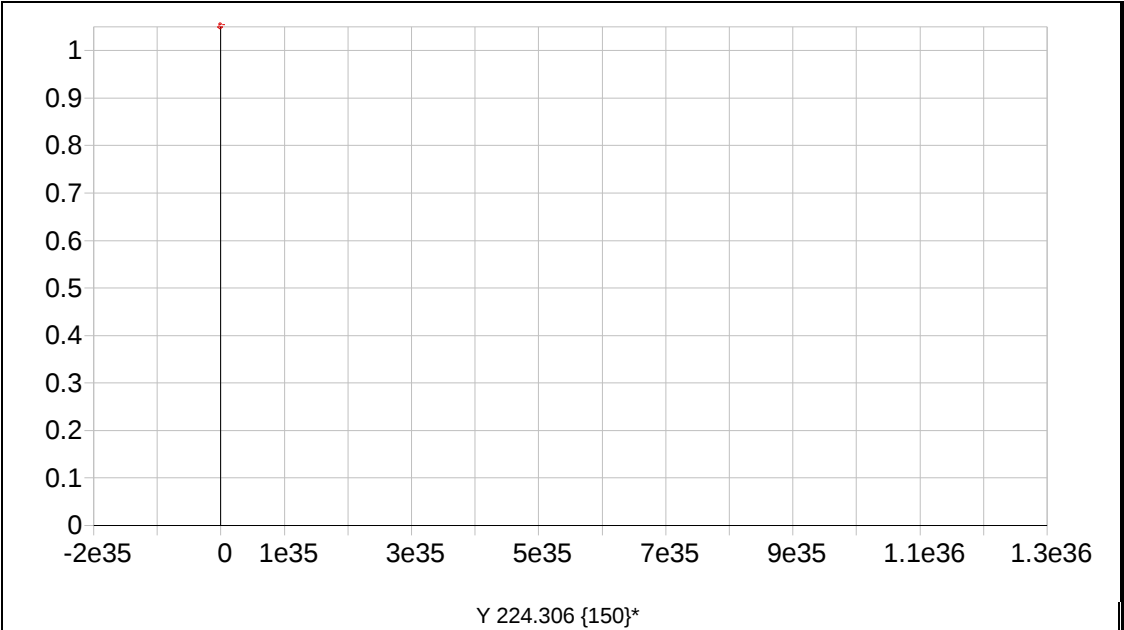
Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	.00197	.000	1
S1	.10000	.10239	.002	2.39	.05272	.000	1
S2	1.2500	1.2304	-.020	-1.57	.61171	.002	1
S3	2.5000	2.4782	-.022	-.870	1.2301	.001	1
S4	5.0000	5.0011	.001	.022	2.4804	.003	1
S5	10.000	10.038	.038	.379	4.9764	.003	1



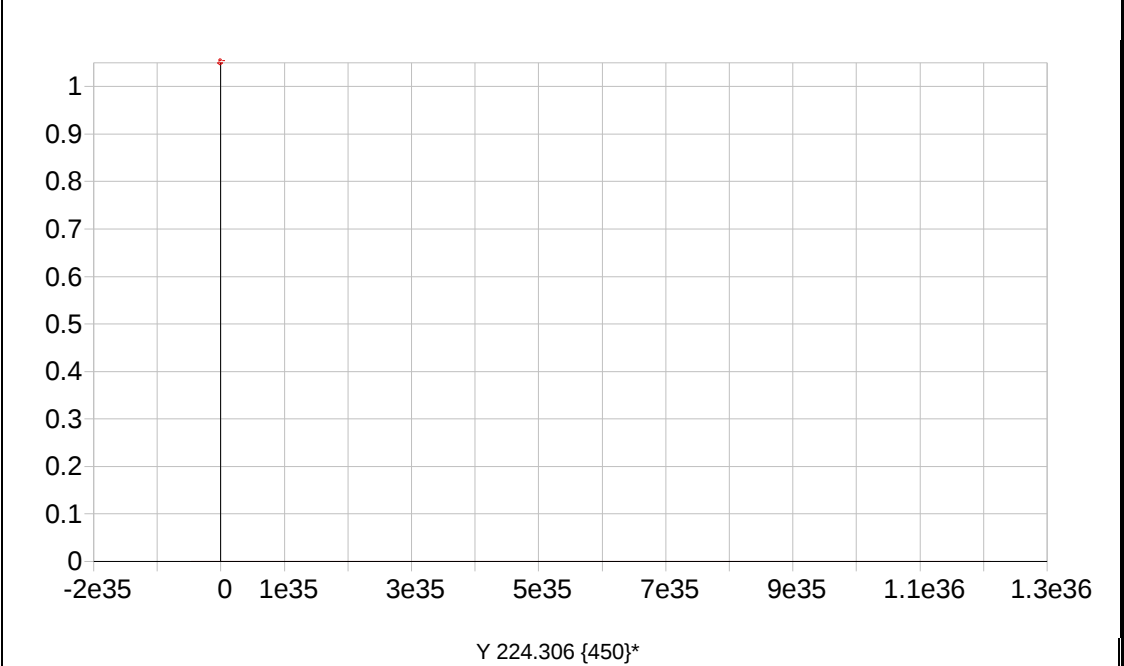
Date of Fit: 7/10/2017 18:15:59 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.003894 Re-Slope: 1.000000
 A1 (Gain): 2.087271 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999394 Status: OK.
 Std Error of Est: 0.002728
 Predicted MDL: 0.000639
 Predicted MQL: 0.002130

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00001	.000	.000	.00391	.001	1
S5	10.000	10.277	.277	2.77	21.455	.035	1
S4	5.0000	4.9523	-.048	-.955	10.341	.061	1
S3	2.5000	2.3717	-.128	-5.13	4.9543	.027	1
S2	1.2500	1.1497	-.100	-8.02	2.4036	.012	1
S1	.05000	.04908	-.001	-1.84	.10633	.001	1



Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
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Status: Warning Zero Gain

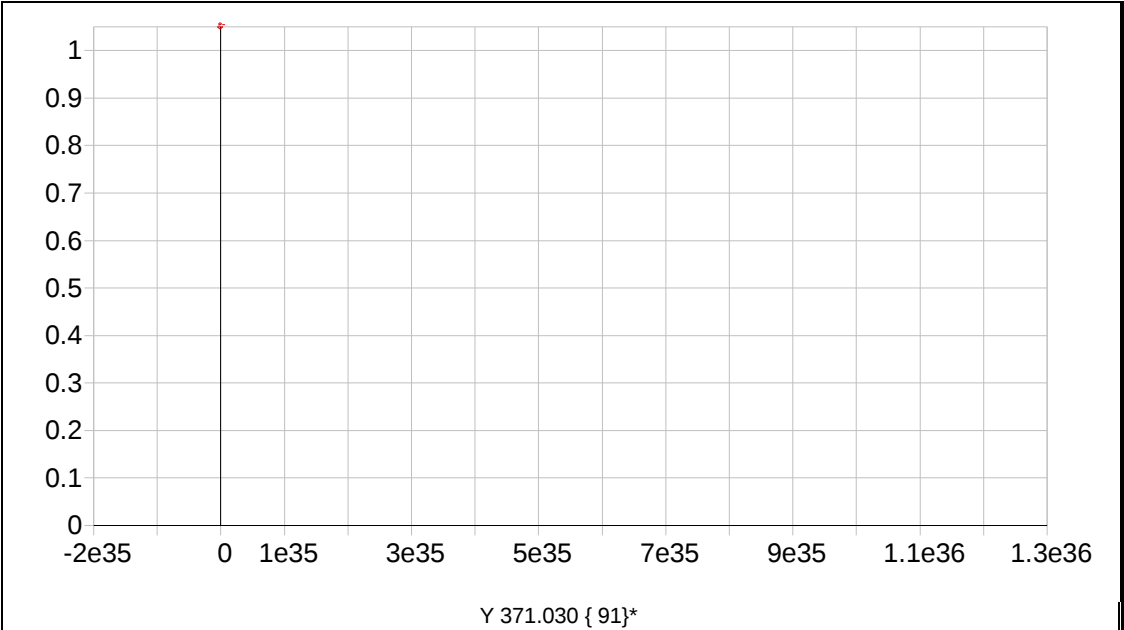
The figure displays a plot of the function $f(x) = x^2 \cdot \exp(-x)$. The horizontal axis (x-axis) spans from -2×10^{35} to 1.3×10^{36} , while the vertical axis (y-axis) spans from 0 to 1. A grid is present for both axes. A single red dot is plotted at the origin $(0, 1)$, representing the global maximum of the function.

Date of Fit:	<not fit>	Type of Fit:	Linear	Weighting:	1/Conc
--------------	-----------	--------------	--------	------------	--------

Re-Slope: 1.000000
Y-int: 0.000000

Status: Warning Zero Gain

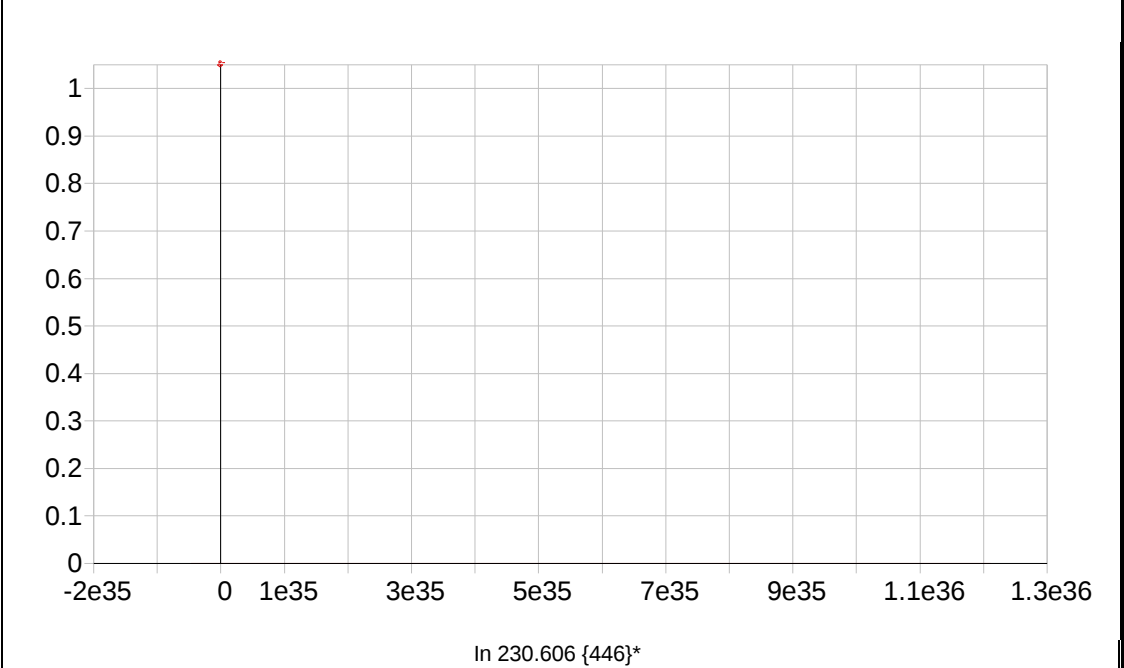
Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
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Date of Fit: <not fit> Type of Fit: Linear Weighting: 1/Conc

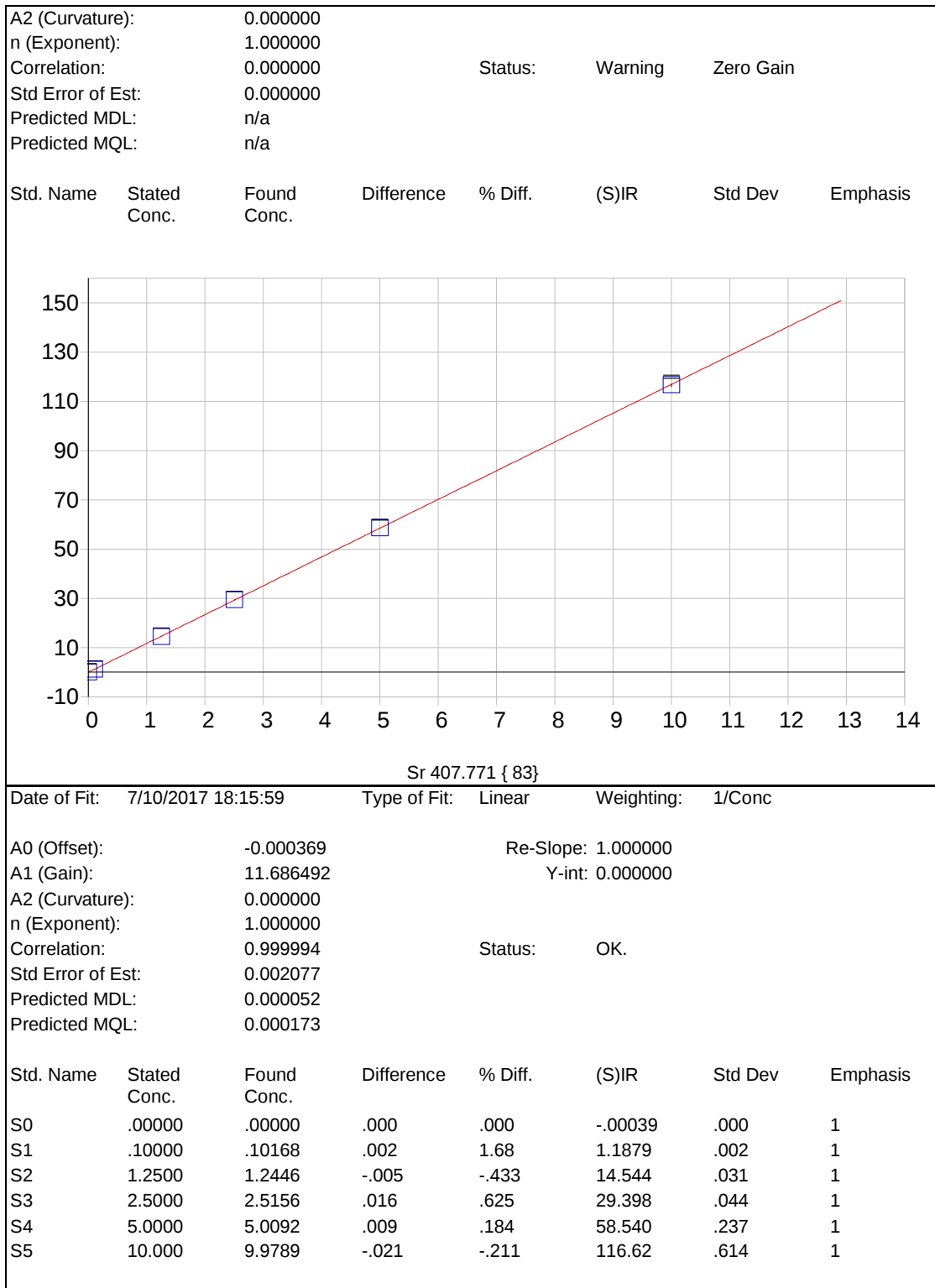
A0 (Offset): 0.000000 Re-Slope: 1.000000
A1 (Gain): 0.000000 Y-int: 0.000000
A2 (Curvature): 0.000000
n (Exponent): 1.000000
Correlation: 0.000000 Status: Warning Zero Gain
Std Error of Est: 0.000000
Predicted MDL: n/a
Predicted MQL: n/a

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

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



Sample Name: S0 Acquired: 7/10/2017 13:54:08 Type: Cal
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v56) 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	-.00019	-.00018	.00048	.00028	.00014	.00144	-.13909	-.00258
Stddev	.00010	.00005	.00012	.00022	.00008	.00038	.00130	.00035
%RSD	54.140	27.707	24.464	78.086	61.449	26.453	.93528	13.425

#1	-.00012	-.00023	.00036	.00015	.00005	.00170	-.13944	-.00257
#2	-.00014	-.00014	.00047	.00053	.00014	.00100	-.14019	-.00224
#3	-.00031	-.00015	.00059	.00016	.00022	.00161	-.13765	-.00293

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	.00011	.00208	.00000	-.00025	.00133	.00014	-.00013	-.00012
Stddev	.00015	.00093	.0000	.00007	.00017	.00032	.00009	.00015
%RSD	130.87	44.486	47811.	26.606	12.920	230.42	71.389	124.08

#1	.00015	.00195	-.00004	-.00020	.00151	.00051	-.00019	-.00011
#2	-.00005	.00307	.00002	-.00032	.00117	-.00008	-.00018	-.00029
#3	.00024	.00123	.00001	-.00023	.00130	-.00001	-.00002	.00002

Elem	Ni2316	Ag3280	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	-.00093	-.00026	-.00510	-.00005	-.00103	.02526	-.00080	.00276
Stddev	.00021	.00006	.00133	.00010	.00043	.00009	.00006	.00025
%RSD	22.164	23.110	26.097	190.50	42.133	.36948	7.2230	9.2048

#1	-.00109	-.00033	-.00593	.00004	-.00143	.02515	-.00079	.00274
#2	-.00070	-.00022	-.00357	-.00004	-.00109	.02529	-.00086	.00252
#3	-.00101	-.00023	-.00580	-.00015	-.00057	.02533	-.00075	.00303

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	.00020	.00017	.00650	.00010	.00197	.00391	-.00039	
Stddev	.00030	.00004	.00042	.00003	.00038	.00081	.00029	
%RSD	150.14	21.473	6.4473	33.274	19.479	20.810	73.306	

#1	.00014	.00013	.00602	.00006	.00211	.00473	-.00065	
#2	.00052	.00019	.00679	.00012	.00154	.00389	-.00043	
#3	-.00007	.00020	.00669	.00012	.00227	.00310	-.00008	

Sample Name: S0 Acquired: 7/10/2017 13:54:08 Type: Cal
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v56) 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	1235.9	1792.9	48117.	5502.0	3360.9
Stddev	9.0	6.6	222.	20.7	3.7
%RSD	.72791	.37067	.46158	.37603	.11084
#1	1238.2	1798.5	47964.	5489.4	3361.8
#2	1243.6	1785.6	48015.	5525.9	3356.8
#3	1226.0	1794.7	48371.	5490.8	3364.1

Sample Name: S1 Acquired: 7/10/2017 13:58:18 Type: Cal
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v56) 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	.00048	.00176	.00238	.00246	.01345	.02232	.86962	.02302
Stddev	.00007	.00011	.00010	.00013	.00021	.00010	.00276	.00032
%RSD	13.912	6.0525	4.3526	5.4774	1.5429	.43573	.31716	1.3824

#1	.00054	.00184	.00227	.00262	.01369	.02220	.86944	.02292
#2	.00041	.00179	.00247	.00238	.01330	.02237	.87246	.02276
#3	.00050	.00164	.00240	.00239	.01337	.02237	.86695	.02337

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	.00707	.25922	.00127	.03482	.00828	.00183	.00567	.03569
Stddev	.00005	.00031	.00004	.00035	.00076	.00010	.00019	.00050
%RSD	.65524	.11837	2.9306	.99705	9.1888	5.3949	3.3780	1.4109

#1	.00704	.25919	.00128	.03511	.00862	.00186	.00551	.03620
#2	.00706	.25893	.00123	.03490	.00740	.00172	.00588	.03568
#3	.00713	.25954	.00131	.03444	.00880	.00190	.00562	.03520

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	.02115	.00240	.05369	.00504	.00460	.24432	-.00025	.00803
Stddev	.00033	.00010	.00192	.00023	.00057	.00034	.00004	.00081
%RSD	1.5666	4.1232	3.5761	4.5834	12.378	.14101	14.649	10.093

#1	.02137	.00229	.05174	.00477	.00508	.24471	-.00021	.00821
#2	.02132	.00244	.05558	.00520	.00397	.24413	-.00025	.00873
#3	.02077	.00248	.05374	.00515	.00475	.24410	-.00028	.00714

Elem	Mo2020	S_ 1820	Si2516	Sn1899	Ti3361	Li6707	Sr4077	
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	
Avg	.00782	.00223	.05367	.00068	.05272	.10633	1.1879	
Stddev	.00010	.00013	.00030	.00003	.00014	.00115	.0021	
%RSD	1.2506	6.0401	.55915	4.8076	.25630	1.0819	.17403	

#1	.00774	.00233	.05354	.00066	.05281	.10765	1.1901	
#2	.00793	.00207	.05402	.00072	.05278	.10551	1.1878	
#3	.00778	.00228	.05346	.00067	.05256	.10584	1.1860	

Sample Name: S1 Acquired: 7/10/2017 13:58:18 Type: Cal
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v56) 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	1220.2	1779.0	47178.	5480.1	3271.6
Stddev	6.2	7.5	172.	26.1	14.8
%RSD	.50645	.42266	.36350	.47597	.45198
#1	1219.6	1772.0	47186.	5452.4	3259.0
#2	1214.4	1778.0	47003.	5483.8	3268.0
#3	1226.7	1786.9	47346.	5504.2	3287.9

Sample Name: S2 Acquired: 7/10/2017 14:02:28 Type: Cal
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v56) 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	.06412	.08671	1.0581	.07303	.25755	3.8330	13.459	.60774
Stddev	.00033	.00023	.0029	.00031	.00115	.0044	.023	.00261
%RSD	.52183	.26032	.27554	.42229	.44675	.11431	.16968	.42955

#1	.06442	.08697	1.0597	.07338	.25669	3.8289	13.466	.60511
#2	.06417	.08657	1.0548	.07279	.25885	3.8376	13.479	.61033
#3	.06376	.08660	1.0599	.07291	.25709	3.8326	13.434	.60779

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	.78635	3.0815	.42401	.48027	.93580	.61762	1.3020	.43275
Stddev	.00280	.0150	.00361	.00141	.00049	.00310	.0066	.00204
%RSD	.35670	.48739	.85246	.29323	.05206	.50196	.50305	.47220

#1	.78613	3.0650	.41993	.48032	.93571	.61404	1.2944	.43040
#2	.78367	3.0854	.42681	.47884	.93633	.61943	1.3055	.43381
#3	.78926	3.0943	.42529	.48166	.93536	.61939	1.3060	.43405

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	.36962	.08189	.41016	.06399	.28953	1.6132	.04323	.57678
Stddev	.00062	.00060	.00234	.00013	.00078	.0044	.00050	.00303
%RSD	.16695	.73571	.57079	.21031	.26881	.27037	1.1613	.52562

#1	.36937	.08125	.41214	.06413	.28888	1.6142	.04372	.57532
#2	.36916	.08245	.40758	.06386	.28932	1.6171	.04272	.58027
#3	.37032	.08197	.41076	.06398	.29039	1.6085	.04323	.57476

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	.88338	.02665	.60990	.10954	.61171	2.4036	14.544	
Stddev	.00084	.00015	.00314	.00061	.00196	.0124	.031	
%RSD	.09553	.57130	.51556	.55532	.32077	.51681	.21107	

#1	.88342	.02674	.60782	.11022	.61000	2.3901	14.524	
#2	.88420	.02648	.61352	.10905	.61385	2.4146	14.580	
#3	.88251	.02673	.60837	.10934	.61128	2.4062	14.530	

Sample Name: S2 Acquired: 7/10/2017 14:02:28 Type: Cal
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v56) 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	1158.7	1664.2	45272.	5340.9	2808.1
Stddev	10.9	4.2	288.	13.1	.7
%RSD	.94469	.25351	.63563	.24480	.02652
#1	1171.3	1664.9	45586.	5350.6	2807.8
#2	1152.3	1659.7	45022.	5326.0	2808.9
#3	1152.4	1668.0	45207.	5346.1	2807.5

Sample Name: S3 Acquired: 7/10/2017 14:06:22 Type: Cal
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v56) 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	.13161	.17037	2.1288	.14581	.52889	7.8327	27.496	1.2147
Stddev	.00051	.00077	.0094	.00064	.00084	.0098	.059	.0043
%RSD	.39020	.45052	.44242	.43684	.15954	.12557	.21604	.35761

#1	.13112	.17031	2.1206	.14531	.52814	7.8283	27.523	1.2165
#2	.13214	.16963	2.1268	.14559	.52873	7.8440	27.538	1.2179
#3	.13156	.17116	2.1391	.14653	.52981	7.8259	27.428	1.2098

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	1.5940	6.2045	.84310	.98485	1.8918	1.2283	2.6010	.88714
Stddev	.0043	.0271	.00346	.00458	.0014	.0025	.0077	.00123
%RSD	.26891	.43634	.41030	.46527	.07687	.20501	.29740	.13874

#1	1.5921	6.1851	.84485	.98152	1.8906	1.2259	2.5950	.88804
#2	1.5910	6.2354	.84533	.98295	1.8934	1.2309	2.6098	.88765
#3	1.5989	6.1929	.83912	.99007	1.8914	1.2281	2.5984	.88574

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	.74908	.17187	.84341	.12805	.59627	3.2924	.09239	1.1326
Stddev	.00240	.00085	.00312	.00108	.00663	.0022	.00028	.0035
%RSD	.32054	.49729	.36980	.84291	1.1121	.06581	.30170	.30613

#1	.74685	.17261	.84566	.12738	.59360	3.2939	.09260	1.1346
#2	.74878	.17208	.84472	.12929	.59139	3.2933	.09249	1.1346
#3	.75162	.17093	.83985	.12747	.60382	3.2899	.09207	1.1286

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	1.7886	.05607	1.1816	.22286	1.2301	4.9543	29.398	
Stddev	.0044	.00026	.0055	.00062	.0013	.0267	.044	
%RSD	.24763	.45488	.46264	.27813	.10231	.53928	.14956	

#1	1.7863	.05592	1.1844	.22226	1.2293	4.9325	29.430	
#2	1.7857	.05593	1.1851	.22282	1.2316	4.9841	29.417	
#3	1.7937	.05637	1.1753	.22349	1.2294	4.9463	29.348	

Sample Name: S3 Acquired: 7/10/2017 14:06:22 Type: Cal
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v56) 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	1104.7	1580.3	43513.	5279.2	2586.1
Stddev	5.2	2.2	111.	15.1	6.4
%RSD	.46835	.13627	.25532	.28641	.24837
#1	1108.2	1582.1	43469.	5279.5	2591.0
#2	1107.1	1581.0	43431.	5264.0	2588.4
#3	1098.8	1577.9	43640.	5294.2	2578.8

Sample Name: S4 Acquired: 7/10/2017 14:10:14 Type: Cal
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v56) 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	.26993	.33066	4.2448	.29575	1.0825	16.295	55.654	2.4497
Stddev	.00047	.00236	.0065	.00076	.0022	.025	.420	.0120
%RSD	.17326	.71425	.15340	.25681	.19926	.15316	.75477	.48872

#1	.27029	.32912	4.2375	.29524	1.0833	16.323	55.531	2.4631
#2	.26941	.33338	4.2469	.29662	1.0841	16.274	55.310	2.4401
#3	.27010	.32948	4.2500	.29539	1.0801	16.290	56.122	2.4459

Elem	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598	Mn2576	Mg2790
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3.2132	12.633	1.6431	1.9911	3.8778	2.4412	5.1567	1.8162
Stddev	.0034	.026	.0065	.0024	.0073	.0086	.0171	.0030
%RSD	.10611	.20437	.39626	.12037	.18787	.35284	.33249	.16537

#1	3.2116	12.657	1.6506	1.9885	3.8862	2.4506	5.1746	1.8186
#2	3.2110	12.635	1.6404	1.9916	3.8740	2.4395	5.1551	1.8172
#3	3.2172	12.605	1.6384	1.9932	3.8732	2.4336	5.1405	1.8128

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	1.5023	.35828	1.7335	.25780	1.2348	6.8363	.19550	2.2271
Stddev	.0034	.00070	.0040	.00026	.0120	.0186	.00116	.0148
%RSD	.22696	.19502	.22959	.10141	.96968	.27201	.59461	.66566

#1	1.5028	.35898	1.7357	.25753	1.2228	6.8576	.19432	2.2432
#2	1.4987	.35830	1.7359	.25782	1.2468	6.8232	.19664	2.2141
#3	1.5055	.35758	1.7289	.25805	1.2349	6.8282	.19554	2.2241

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	3.5296	.11769	2.3170	.45451	2.4804	10.341	58.540	
Stddev	.0069	.00028	.0146	.00087	.0035	.061	.237	
%RSD	.19629	.23888	.62957	.19115	.14046	.59324	.40540	

#1	3.5228	.11752	2.3326	.45372	2.4843	10.401	58.595	
#2	3.5366	.11801	2.3037	.45544	2.4776	10.278	58.745	
#3	3.5293	.11752	2.3147	.45436	2.4792	10.343	58.280	

Sample Name: S4 Acquired: 7/10/2017 14:10:14 Type: Cal
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v56) 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	1047.7	1494.5	41785.	5167.0	2349.0
Stddev	4.5	2.1	73.	28.9	2.0
%RSD	.42634	.14278	.17423	.55974	.08547
#1	1051.0	1496.9	41703.	5133.7	2350.9
#2	1042.6	1492.8	41809.	5182.1	2349.0
#3	1049.6	1493.9	41842.	5185.3	2346.9

Sample Name: S5 Acquired: 7/10/2017 14:14:23 Type: Cal
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v56) 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	.56872	.65156	8.6056	.61310	2.2709	33.927	112.78	4.9419
Stddev	.00272	.00572	.0319	.00267	.0094	.030	.30	.0103
%RSD	.47773	.87855	.37089	.43566	.41306	.08908	.26272	.20793

#1	.56578	.65478	8.6123	.61101	2.2602	33.934	113.11	4.9421
#2	.57114	.65494	8.6336	.61611	2.2775	33.953	112.68	4.9315
#3	.56924	.64495	8.5709	.61218	2.2752	33.894	112.55	4.9521

Elem	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598	Mn2576	Mg2790
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	6.4614	25.457	3.1647	4.0622	8.0193	4.7860	10.134	3.6572
Stddev	.0195	.032	.0023	.0123	.0086	.0056	.015	.0026
%RSD	.30227	.12492	.07245	.30352	.10689	.11696	.15072	.06991

#1	6.4760	25.467	3.1669	4.0634	8.0289	4.7879	10.139	3.6568
#2	6.4691	25.421	3.1624	4.0739	8.0125	4.7797	10.117	3.6549
#3	6.4392	25.482	3.1647	4.0493	8.0164	4.7903	10.147	3.6599

Elem	Ni2316	Ag3280	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3.0069	.76928	3.5531	.51250	2.6182	14.209	.42555	4.3392
Stddev	.0133	.00182	.0027	.00156	.0132	.011	.00493	.0142
%RSD	.44121	.23624	.07489	.30445	.50237	.07933	1.1589	.32807

#1	3.0183	.77127	3.5503	.51321	2.6030	14.222	.42869	4.3489
#2	3.0102	.76887	3.5534	.51072	2.6249	14.204	.42809	4.3228
#3	2.9923	.76770	3.5555	.51359	2.6266	14.201	.41986	4.3458

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	6.9993	.25256	4.5703	.91854	4.9764	21.455	116.62	
Stddev	.0191	.00250	.0085	.00477	.0032	.035	.61	
%RSD	.27210	.98957	.18579	.51972	.06526	.16164	.52641	

#1	6.9805	.25328	4.5753	.92142	4.9780	21.475	117.23	
#2	7.0186	.25461	4.5605	.92116	4.9786	21.415	116.01	
#3	6.9989	.24977	4.5751	.91303	4.9727	21.476	116.61	

Sample Name: S5 Acquired: 7/10/2017 14:14:23 Type: Cal
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v56) 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	955.22	1373.7	39527.	5036.3	2065.0
Stddev	1.31	5.0	51.	6.0	8.7
%RSD	.13680	.36574	.12977	.11955	.41947
#1	955.02	1378.9	39468.	5031.9	2064.5
#2	954.02	1368.9	39558.	5043.1	2056.6
#3	956.61	1373.1	39556.	5033.8	2073.9

Sample Name: S6 Acquired: 7/10/2017 14:18:28 Type: Cal
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v56) 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	86.051	39.969	12.272	5.6397	9.3205
Stddev	.784	.086	.044	.0126	.0058
%RSD	.91153	.21594	.35808	.22408	.06185

#1	85.188	39.929	12.245	5.6309	9.3163
#2	86.244	40.068	12.323	5.6541	9.3271
#3	86.721	39.910	12.249	5.6339	9.3183

Int. Std.	Y_3710
Units	Cts/S
Avg	4822.7
Stddev	16.8
%RSD	.34915

#1	4825.6
#2	4804.6
#3	4837.9

Sample Name: ICV Acquired: 7/10/2017 14:37:12 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v56) 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	.9949346	1.110732	1.043021	1.051649	.9863867	2.432239
Stddev	.0022869	.004889	.002209	.006699	.0037137	.005617
%RSD	.2298491	.4401564	.2118189	.6369818	.3764987	.2309402

#1	.9974148	1.112297	1.042043	1.043937	.9896044	2.438709
#2	.9944794	1.105252	1.041470	1.056025	.9872327	2.429403
#3	.9929095	1.114647	1.045551	1.054985	.9823230	2.428606

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.4679380	.4474105	.4808156	10.05721	.5179376	.4524300
Stddev	.0019281	.0039259	.0017306	.01670	.0027306	.0014898
%RSD	.4120407	.8774770	.3599358	.1660417	.5272106	.3292867

#1	.4699513	.4499235	.4808266	10.05063	.5210647	.4531348
#2	.4677543	.4494214	.4790796	10.07620	.5160242	.4507186
#3	.4661083	.4428865	.4825408	10.04481	.5167239	.4534366

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.4990087	5.511102	.5297676	5.943915	.5459818	.4714428
Stddev	.0044958	.038976	.0033436	.057361	.0023891	.0010339
%RSD	.9009432	.7072310	.6311410	.9650378	.4375845	.2193118

#1	.5020942	5.515867	.5315775	5.983397	.5487157	.4718987
#2	.5010814	5.547477	.5318161	5.970229	.5442949	.4702592
#3	.4938504	5.469962	.5259092	5.878118	.5449347	.4721703

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	9.799670	.4645551	.9522821	9.188802	F -.008167	F -.007029
Stddev	.047076	.0003117	.0205651	.060195	.000745	.000616
%RSD	.4803855	.0670987	2.159562	.6550927	9.117577	8.769326

#1	9.835978	.4647465	.9425295	9.252745	-.009020	-.007658
#2	9.746481	.4647233	.9384076	9.180432	-.007838	-.006426
#3	9.816551	.4641954	.9759091	9.133231	-.007644	-.007003

Sample Name: ICV Acquired: 7/10/2017 14:37:12 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v56) 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 .0021210	-.004329	.0024854	F .0015125	.0019401	.0033249
Stddev	.0001741	.005123	.0006018	.0012625	.0002358	.0004738
%RSD	8.206523	118.3261	24.21301	83.47364	12.15642	14.25069

#1	.0019483	-.006340	.0031373	.0023083	.0016925	.0035139
#2	.0021182	-.008142	.0023678	.0021724	.0019656	.0036750
#3	.0022964	.001494	.0019511	.0000568	.0021622	.0027857

Elem	Sr4077
Units	ppm
Avg	.0135340
Stddev	.0000146
%RSD	.1081674

#1	.0135279
#2	.0135507
#3	.0135234

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1149.096	1688.947	45154.51	5348.285	3087.742
Stddev	8.405	8.050	197.16	24.710	15.169
%RSD	.7314791	.4766394	.4366245	.4620105	.4912595

#1	1149.661	1679.676	45076.75	5322.037	3070.261
#2	1157.204	1694.167	45378.69	5351.720	3097.427
#3	1140.422	1692.998	45008.10	5371.097	3095.539

Sample Name: ICB Acquired: 7/10/2017 14:45:41 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v56) 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	-.001330	-.000377	-.000437	.0008220	-.000015	-.004076	-.002253
Stddev	.002956	.001243	.000839	.0037758	.000203	.003245	.000253
%RSD	222.3232	330.0073	191.7987	459.3731	1364.555	79.60261	11.23111

#1	.000274	.001044	.000166	.0005426	-.000177	-.000589	-.002543
#2	.000478	-.000906	-.000083	.0047297	-.000081	-.007007	-.002139
#3	-.004741	-.001268	-.001396	-.002806	.000213	-.004633	-.002077

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000008	.0000076	-.002744	-.000366	-.000260	.0012765	.0068176
Stddev	.000092	.0000822	.010606	.000340	.000133	.0007847	.0052505
%RSD	1156.985	1075.135	386.5370	92.95363	50.97428	61.46993	77.01409

#1	-.000039	.0000924	-.007297	-.000075	-.000275	.0017393	.0019007
#2	.000095	-.000072	.009379	-.000740	-.000121	.0003705	.0062042
#3	-.000080	.000002	-.010313	-.000282	-.000385	.0017196	.0123478

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000031	.0302259	-.000200	-.000025	.0118250	-.001360	-.001631
Stddev	.000658	.0217277	.000160	.000069	.0320278	.002969	.006677
%RSD	2136.419	71.88445	79.81779	275.1284	270.8481	218.3198	409.4947

#1	-.000193	.0429749	-.000361	-.000102	-.016328	-.002370	-.001751
#2	-.000593	.0425648	-.000041	.000033	.046670	.001983	-.008246
#3	.000693	.0051380	-.000198	-.000007	.005133	-.003693	.005106

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.007423	-.000565	.0008100	.0000760	-.001271	-.000944	-.000568
Stddev	.017485	.000849	.0007056	.0002362	.001919	.000559	.000358
%RSD	235.5507	150.3920	87.11397	310.7639	150.9545	59.22376	63.10321

#1	-.005824	-.000921	.0001673	-.000137	-.002386	-.001045	-.000177
#2	-.025653	-.001178	.0015650	.000330	-.002373	-.001446	-.000647
#3	.009208	.000405	.0006976	.000036	.000945	-.000341	-.000880

Sample Name: ICB Acquired: 7/10/2017 14:45:41 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v56) 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	.0005569	.0005617	-.000064
Stddev	.0009565	.0003402	.000017
%RSD	171.7490	60.56056	26.13727

#1	.0000491	.0005793	-.000046
#2	-.000039	.0002130	-.000069
#3	.001660	.0008927	-.000078

Int. Std.	Y_ 2243	Y_ 2243	Y_ 3600	Y_ 3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1157.509	1730.159	45450.01	5291.552	3275.261
Stddev	9.935	17.763	231.77	6.784	32.255
%RSD	.8583336	1.026691	.5099421	.1282002	.9848157

#1	1146.494	1709.742	45194.82	5293.875	3239.078
#2	1160.237	1738.668	45507.78	5296.870	3285.708
#3	1165.795	1742.068	45647.43	5283.912	3300.999

Sample Name: ICSA Acquired: 7/10/2017 14:49:51 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v56) 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	.0015614	-.014196	.0018238	-.028180	.0034728	249.9250
Stddev	.0035691	.001924	.0032476	.003038	.0020737	.2302
%RSD	228.5867	13.55346	178.0741	10.77950	59.71303	.0920904

#1	-.001882	-.013681	.0054447	-.029836	.0012614	249.8915
#2	.001323	-.012582	.0008581	-.024674	.0053739	249.7135
#3	.005244	-.016325	-.000832	-.030029	.0037831	250.1701

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0015368	.0006892	.0056369	252.1705	.0483200	.0012328
Stddev	.0005444	.0000317	.0001378	1.6187	.0003910	.0004279
%RSD	35.42556	4.603814	2.444702	.6419164	.8091434	34.70918

#1	.0013342	.0007144	.0055019	252.8351	.0484630	.0009477
#2	.0021535	.0006997	.0057773	250.3253	.0486194	.0017249
#3	.0011228	.0006536	.0056315	253.3512	.0478777	.0010259

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0234893	106.7557	.0145345	263.8421	.0015321	-.000692
Stddev	.0004316	.3782	.0002834	.7166	.0005144	.000179
%RSD	1.837286	.3542870	1.949635	.2716170	33.57613	25.93233

#1	.0239072	107.0847	.0144634	264.5082	.0015814	-.000501
#2	.0230453	106.3425	.0142935	263.0839	.0020200	-.000716
#3	.0235154	106.8400	.0148467	263.9341	.0009948	-.000858

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.2964341	-.000952	.0040190	-.063898	-.013359	F -.259307
Stddev	.0898795	.002579	.0168314	.049106	.003396	.001257
%RSD	30.32022	270.8006	418.8003	76.85062	25.41970	.4848676

#1	.3426530	.000520	-.009800	-.015377	-.015903	-.257869
#2	.3537994	-.003930	.022764	-.062749	-.014671	-.260198
#3	.1928499	.000553	-.000906	-.113569	-.009503	-.259855

Sample Name: ICSA Acquired: 7/10/2017 14:49:51 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v56) 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	-.000185	.0143935	-.004426	-.000105	.0000333	.0023156
Stddev	.000309	.0067732	.000503	.001794	.0002147	.0003908
%RSD	167.0353	47.05719	11.36631	1711.526	645.1127	16.87560

#1	-.000353	.0222072	-.003878	-.001544	.0002792	.0023500
#2	-.000374	.0107782	-.004867	-.000675	-.000063	.0026881
#3	.000172	.0101950	-.004532	.001905	-.000117	.0019088

Elem	Sr4077
Units	ppm
Avg	.0978239
Stddev	.0001357
%RSD	.1387223

#1	.0979135
#2	.0976678
#3	.0978905

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1045.172	1535.662	40718.91	4990.811	2444.367
Stddev	6.931	7.557	316.22	5.273	13.127
%RSD	.6631315	.4920997	.7765924	.1056514	.5370321

#1	1042.789	1527.073	40644.85	4985.814	2431.631
#2	1039.748	1538.622	40446.30	4996.322	2457.853
#3	1052.981	1541.291	41065.59	4990.295	2443.617

Sample Name: ICSAB Acquired: 7/10/2017 14:53:57 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v56) 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	.0991636	.1034753	.0529743	.0272021	.5965734	250.9964
Stddev	.0095164	.0022625	.0019567	.0030274	.0005315	.4749
%RSD	9.596722	2.186545	3.693706	11.12941	.0890944	.1892107

#1	.0960874	.1060010	.0518801	.0251656	.5963766	251.0326
#2	.0915657	.1016341	.0518094	.0306810	.5961684	251.4521
#3	.1098376	.1027907	.0552333	.0257597	.5971753	250.5044

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.4504008	.4524884	1.015375	253.9451	.5736585	.4554551
Stddev	.0018477	.0019795	.002096	.7804	.0022581	.0010033
%RSD	.4102342	.4374663	.2064663	.3073077	.3936291	.2202854

#1	.4512434	.4536617	1.012958	253.0838	.5744237	.4547979
#2	.4516771	.4536006	1.016464	254.1465	.5754345	.4549575
#3	.4482820	.4502030	1.016702	254.6051	.5711172	.4566100

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.5270494	107.0449	.5456206	264.5981	.8930324	.1850014
Stddev	.0019626	.1526	.0032650	.4201	.0004321	.0003773
%RSD	.3723835	.1425471	.5983956	.1587664	.0483887	.2039669

#1	.5271710	106.9207	.5418827	264.1132	.8932593	.1854371
#2	.5289483	106.9987	.5470634	264.8511	.8933037	.1847812
#3	.5250287	107.2152	.5479155	264.8302	.8925341	.1847859

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.2889609	.4696346	.9924374	-.114957	-.021642	F -.260621
Stddev	.0525526	.0015622	.0202389	.017933	.003472	.001899
%RSD	18.18675	.3326476	2.039310	15.59971	16.04363	.7287320

#1	.2362359	.4704757	.9749756	-.110210	-.020999	-.260447
#2	.3413393	.4705961	.9877173	-.134786	-.025391	-.262602
#3	.2893073	.4678320	1.014619	-.099875	-.018536	-.258815

Sample Name: ICSAB Acquired: 7/10/2017 14:53:57 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v56) 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	-.000589	.0043362	-.005655	-.004066	-.000045	.0029203
Stddev	.000224	.0040780	.000963	.001928	.000520	.0000288
%RSD	37.99786	94.04522	17.02603	47.41696	1155.016	.9865989

#1	-.000772	.0040364	-.005368	-.005960	.000441	.0028989
#2	-.000340	.0085559	-.006728	-.004133	-.000594	.0029531
#3	-.000656	.0004164	-.004867	-.002106	.000018	.0029089

Elem	Sr4077
Units	ppm
Avg	.0976955
Stddev	.0003350
%RSD	.3428932

#1	.0978402
#2	.0979339
#3	.0973125

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1050.207	1537.920	40822.94	5016.910	2454.618
Stddev	6.213	3.519	81.18	12.516	3.538
%RSD	.5915850	.2287909	.1988487	.2494839	.1441401

#1	1055.545	1537.622	40785.80	5004.841	2450.669
#2	1051.691	1541.578	40916.04	5016.059	2457.500
#3	1043.387	1534.560	40766.98	5029.830	2455.685

Sample Name: CCV087 Acquired: 7/10/2017 14:57:57 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v56) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: CCV087 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.985928	4.770503	24.81125	4.859131	4.994638	414.8701
Stddev	.017573	.018472	.07029	.022237	.030994	2.9643
%RSD	.3524532	.3872091	.2832997	.4576296	.6205511	.7145048

#1	4.979032	4.774902	24.73609	4.838445	4.970125	417.8543
#2	4.972849	4.786377	24.82231	4.882648	4.984312	411.9262
#3	5.005903	4.750228	24.87536	4.856300	5.029477	414.8298

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	10.09906	.5036340	2.556295	418.4348	15.37192	2.572928
Stddev	.10295	.0056697	.004074	4.8310	.03718	.009339
%RSD	1.019399	1.125757	.1593699	1.154549	.2418742	.3629876

#1	10.20501	.5097205	2.551782	422.4448	15.41351	2.567610
#2	10.09279	.4985024	2.557403	413.0714	15.34190	2.567462
#3	9.99939	.5026789	2.559701	419.7882	15.36034	2.583712

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	15.44232	418.9073	15.31012	418.5553	2.504387	1.341184
Stddev	.09830	4.7009	.15710	4.0037	.004731	.001764
%RSD	.6365844	1.122193	1.026119	.9565493	.1888903	.1315418

#1	15.55444	423.2961	15.42776	422.3137	2.499423	1.342731
#2	15.37093	413.9465	15.13171	414.3447	2.504894	1.339263
#3	15.40157	419.4792	15.37089	419.0075	2.508843	1.341558

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	415.5746	2.501831	15.76070	155.0468	5.025926	F 4.368830
Stddev	3.2042	.030931	.07530	1.1880	.043281	.043521
%RSD	.7710304	1.236354	.4777554	.7662274	.8611503	.9961609

#1	418.7226	2.517891	15.72616	156.3069	5.034879	4.413561
#2	412.3170	2.466172	15.84708	153.9472	5.064030	4.326631
#3	415.6842	2.521428	15.70888	154.8863	4.978869	4.366298

Sample Name: CCV087 Acquired: 7/10/2017 14:57:57 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v56) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: CCV087 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.935368	5.010511	4.996221	4.942932	5.091640	5.250924
Stddev	.017965	.029577	.049151	.014957	.034544	.046696
%RSD	.3640095	.5902951	.9837672	.3025947	.6784387	.8892996

#1	4.916930	4.988198	5.047530	4.931786	5.124888	5.295030
#2	4.936355	5.044059	4.949557	4.959930	5.055932	5.202009
#3	4.952820	4.999277	4.991577	4.937079	5.094099	5.255733

Elem	Sr4077
Units	ppm
Avg	5.152208
Stddev	.045292
%RSD	.8790860

#1	5.196627
#2	5.106090
#3	5.153907

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	956.1672	1404.186	38591.18	4919.526	2079.379
Stddev	2.8015	6.832	67.13	50.112	6.829
%RSD	.2929888	.4865319	.1739409	1.018625	.3284171

#1	957.0110	1410.352	38552.35	4868.863	2084.975
#2	953.0409	1405.364	38668.69	4969.067	2081.392
#3	958.4499	1396.842	38552.51	4920.649	2071.769

Sample Name: CCB087 Acquired: 7/10/2017 15:02:04 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v56) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: CCB087 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000158	.0003495	-.001437	.0003768	-.000613	.0114430	-.001825
Stddev	.001888	.0007304	.000808	.0013216	.001309	.0043168	.000565
%RSD	1194.541	208.9850	56.21846	350.7557	213.4742	37.72431	30.94512

#1	-.002305	-.000493	-.002368	.0011521	-.002116	.0161468	-.001422
#2	.001241	.000812	-.001012	.0011274	.000276	.0105193	-.002471
#3	.000590	.000729	-.000930	-.001149	.000001	.0076627	-.001583

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0000216	.0001572	.0206425	.0005598	-.000096	.0013234	.0051451
Stddev	.0000588	.0000695	.0014833	.0003808	.000030	.0003469	.0147526
%RSD	272.0586	44.22038	7.185771	68.03041	30.72294	26.21216	286.7292

#1	-.000045	.0001485	.0220338	.0009672	-.000062	.0010624	.0106372
#2	.000045	.0000924	.0208121	.0004993	-.000115	.0011908	-.011566
#3	.000065	.0002306	.0190817	.0002128	-.000112	.0017170	.016364

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0004100	-.000470	.0000222	.0001728	-.025103	-.001612	.0058639
Stddev	.0004648	.020882	.0003503	.0004466	.043913	.001957	.0051869
%RSD	113.3509	4445.888	1578.872	258.3902	174.9324	121.3747	88.45471

#1	.0000058	-.018313	.0004259	-.000005	-.065561	.000143	.0019265
#2	.0003064	-.005594	-.000201	-.000157	.021597	-.003722	.0039240
#3	.0009179	.022498	-.000159	.000681	-.031344	-.001257	.0117411

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0200976	.0009585	.0094713	.0005554	.0003726	.0005213	.0009780
Stddev	.0134605	.0006880	.0016236	.0000291	.0007223	.0001323	.0003658
%RSD	66.97563	71.77176	17.14219	5.240163	193.8295	25.38510	37.40368

#1	.0130149	.0016923	.0113460	.0005744	.0008214	.0006071	.0013593
#2	.0116573	.0008553	.0085252	.0005219	.0007571	.0005880	.0009448
#3	.0356207	.0003280	.0085426	.0005698	-.000461	.0003689	.0006300

Sample Name: CCB087 Acquired: 7/10/2017 15:02:04 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v56) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: CCB087 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.0005585	.0017499	.0000960
Stddev	.0002872	.0003904	.0000391
%RSD	51.42711	22.30742	40.70026

#1	.0002288	.0018223	.0000671
#2	.0007540	.0020990	.0000805
#3	.0006929	.0013284	.0001404

Int. Std.	Y_ 2243	Y_ 2243	Y_ 3600	Y_ 3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1181.387	1743.313	46297.97	5381.023	3302.242
Stddev	3.064	3.325	54.22	11.389	6.062
%RSD	.2593230	.1907131	.1171014	.2116497	.1835624

#1	1181.266	1740.008	46344.34	5368.188	3301.225
#2	1178.386	1746.657	46311.20	5389.921	3308.748
#3	1184.510	1743.274	46238.36	5384.959	3296.754

Sample Name: PB100439BL Acquired: 7/10/2017 15:06:15 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v56) 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	.0015589	-.000554	-.001511	-.001322	.0002351	.0050986	-.001601
Stddev	.0024627	.001045	.000591	.002638	.0008806	.0018352	.000238
%RSD	157.9777	188.7862	39.10729	199.5967	374.5949	35.99466	14.84342

#1	.0002978	-.001130	-.000957	-.000491	.0008575	.0058399	-.001326
#2	-.000018	-.001183	-.001444	-.004276	-.000772	.0030087	-.001737
#3	.004397	.000653	-.002133	.000801	.000620	.0064472	-.001739

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000022	.0000377	.0055481	-.000155	-.000175	-.000513	-.004660
Stddev	.000047	.0000262	.0087838	.000377	.000088	.000555	.009666
%RSD	210.4465	69.58133	158.3206	243.6711	50.31625	108.1525	207.4066

#1	.000019	.0000565	.0031913	-.000385	-.000095	-.000017	.005005
#2	-.000012	.0000077	.0152698	-.000360	-.000269	-.000410	-.004660
#3	-.000073	.0000487	-.001817	.000281	-.000160	-.001113	-.014326

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0002407	.0005851	-.000080	-.000069	-.056917	.0000003	-.005611
Stddev	.0004941	.0217509	.000465	.000111	.145274	.0014165	.004809
%RSD	205.2581	3717.275	582.8952	160.7999	255.2379	498489.0	85.70779

#1	.0004017	.0022026	-.000617	.000044	-.004636	-.001173	-.000180
#2	.0006341	.0214821	.000172	-.000073	.054981	-.000400	-.009329
#3	-.000314	-.021929	.000205	-.000177	-.221096	.001574	-.007325

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.013777	.0016549	.0033768	.0002261	-.001491	.0004651	-.000132
Stddev	.018229	.0002141	.0003865	.0001630	.004560	.0002993	.000787
%RSD	132.3097	12.93624	11.44676	72.05670	305.8495	64.35364	596.6854

#1	-.034160	.0014080	.0031039	.0004142	-.000308	.0001282	.000765
#2	.000965	.0017663	.0038191	.0001257	-.006526	.0007004	-.000454
#3	-.008138	.0017902	.0032074	.0001385	.002361	.0005667	-.000707

Sample Name: PB100439BL Acquired: 7/10/2017 15:06:15 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v56) 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	-.000037	.0009018	-.000032
Stddev	.000678	.0003735	.000049
%RSD	1813.706	41.42005	156.3607

#1	-.000500	.0009728	.000024
#2	.000741	.0004979	-.000048
#3	-.000353	.0012347	-.000070

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1197.872	1753.479	46730.12	5408.438	3327.902
Stddev	2.022	2.140	79.11	21.317	5.261
%RSD	.1688350	.1220216	.1692813	.3941447	.1580898

#1	1195.641	1753.263	46821.26	5419.270	3330.210
#2	1198.390	1755.719	46679.33	5383.880	3331.615
#3	1199.585	1751.457	46689.77	5422.164	3321.882

Sample Name: PB100439BS Acquired: 7/10/2017 15:10:27 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v56) 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	.0224445	.0610889	.0229942	.0742575	.1288306	.4088401
Stddev	.0018613	.0010935	.0003872	.0029872	.0011064	.0030556
%RSD	8.293060	1.789984	1.683992	4.022767	.8588066	.7473866

#1	.0245402	.0603138	.0229331	.0709499	.1284999	.4118732
#2	.0209837	.0606133	.0234083	.0767589	.1279273	.4088847
#3	.0218095	.0623397	.0226411	.0750636	.1300646	.4057625

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.3662253	.0101663	.0106427	10.52129	.0251201	.0910911
Stddev	.0035261	.0001938	.0001624	.03854	.0003064	.0005671
%RSD	.9628206	1.906130	1.526107	.3662702	1.219780	.6225253

#1	.3688297	.0103097	.0107020	10.54525	.0248284	.0916612
#2	.3622127	.0102434	.0104590	10.47683	.0250927	.0905272
#3	.3676334	.0099459	.0107672	10.54178	.0254393	.0910849

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0525716	.2435658	.0349194	10.57519	.0749459	.0196073
Stddev	.0003327	.0170462	.0005168	.06151	.0004775	.0004735
%RSD	.6327692	6.998586	1.479889	.5816780	.6371799	2.414828

#1	.0529505	.2485936	.0352287	10.58503	.0753991	.0199945
#2	.0524368	.2245712	.0352067	10.50935	.0744473	.0197481
#3	.0523275	.2575326	.0343229	10.63120	.0749913	.0190794

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	10.59144	.1007417	.1319959	9.406502	.0259050	F .0242736
Stddev	.21241	.0010669	.0094193	.145674	.0012590	.0015031
%RSD	2.005482	1.059052	7.136061	1.548649	4.859961	6.192387

#1	10.70694	.1018508	.1220257	9.503733	.0273046	.0260091
#2	10.34630	.0997227	.1407452	9.239015	.0255455	.0234231
#3	10.72106	.1006518	.1332167	9.476757	.0248648	.0233885

Sample Name: PB100439BS Acquired: 7/10/2017 15:10:27 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v56) 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	.0235120	.1706345	.2053673	F .0122791	.2147433	.1042115
Stddev	.0001541	.0050567	.0021863	.0009767	.0021302	.0015720
%RSD	.6555577	2.963487	1.064583	7.954140	.9919942	1.508470

#1	.0236383	.1678990	.2078234	.0118048	.2171147	.1049462
#2	.0235576	.1764697	.2036337	.0134024	.2129917	.1024066
#3	.0233403	.1675348	.2046449	.0116301	.2141234	.1052815

Elem	Sr4077
Units	ppm
Avg	.2086533
Stddev	.0021834
%RSD	1.046435

#1	.2105667
#2	.2062748
#3	.2091184

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1169.414	1698.040	45608.55	5478.009	3144.713
Stddev	11.493	8.936	142.17	46.291	13.283
%RSD	.9828133	.5262827	.3117131	.8450393	.4223822

#1	1182.216	1705.639	45699.48	5451.366	3153.564
#2	1166.044	1700.287	45681.44	5531.462	3151.135
#3	1159.983	1688.195	45444.72	5451.201	3129.439

Sample Name: I3964-01 Acquired: 7/10/2017 15:14:36 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v56) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: ME7FB1 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.3911671	-.028216	1.295605	-.035306	.0051289	45.55396	1.139268
Stddev	.0030425	.002934	.007112	.001897	.0003564	.02491	.003084
%RSD	.7778002	10.39743	.5489059	5.373470	6.948243	.0546826	.2706978

#1	.3921022	-.025373	1.289247	-.035671	.0054688	45.58256	1.142787
#2	.3877668	-.028041	1.294283	-.036994	.0047581	45.53700	1.137038
#3	.3936323	-.031233	1.303285	-.033253	.0051598	45.54234	1.137978

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0049285	.0190212	31.39203	.1009707	.0391728	.3083374	213.4494
Stddev	.0001624	.0003813	.07597	.0030260	.0002279	.0031914	.1715
%RSD	3.295014	2.004663	.2419929	2.996928	.5817816	1.035043	.0803611

#1	.0048116	.0186924	31.32885	.0980427	.0390321	.3076126	213.3437
#2	.0051139	.0189319	31.47632	.1007835	.0390505	.3118288	213.6473
#3	.0048600	.0194392	31.37091	.1040860	.0394357	.3055706	213.3572

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.285723	10.58670	.0882564	.0034648	1.181264	.1245813	1.965567
Stddev	.008688	.08165	.0009926	.0003505	.050939	.0049640	.026341
%RSD	.1643603	.7712767	1.124626	10.11510	4.312242	3.984536	1.340123

#1	5.276916	10.63913	.0877527	.0037135	1.194122	.1188494	1.945475
#2	5.285967	10.62834	.0876167	.0036169	1.125127	.1274535	1.955838
#3	5.294286	10.49262	.0893998	.0030640	1.224541	.1274410	1.995389

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.884885	6.449592	-.491740	.0494759	5.813835	6.103385	.0712738
Stddev	.004913	.014531	.002999	.0005842	.012809	.032089	.0006412
%RSD	.1703112	.2252989	.6098222	1.180823	.2203265	.5257563	.8995543

#1	2.879832	6.453593	-.489830	.0490178	5.799336	6.095029	.0711267
#2	2.885178	6.433479	-.495196	.0492761	5.823615	6.138825	.0707189
#3	2.889646	6.461703	-.490194	.0501338	5.818556	6.076300	.0719757

Sample Name: I3964-01 Acquired: 7/10/2017 15:14:36 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v56) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: ME7FB1 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.9064400	.0413323	.1858256
Stddev	.0021429	.0005433	.0002057
%RSD	.2364094	1.314346	.1107125

#1	.9052488	.0419348	.1860092
#2	.9089138	.0411823	.1858644
#3	.9051573	.0408798	.1856032

Int. Std.	Y_ 2243	Y_ 2243	Y_ 3600	Y_ 3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1126.222	1651.502	45635.41	5465.660	2856.262
Stddev	11.792	7.294	588.22	32.457	10.865
%RSD	1.047051	.4416811	1.288960	.5938418	.3803831

#1	1125.050	1646.847	45936.24	5453.100	2852.459
#2	1138.557	1659.909	46012.39	5441.359	2868.517
#3	1115.060	1647.750	44957.62	5502.520	2847.809

Sample Name: I3964-02 Acquired: 7/10/2017 15:18:40 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v56) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: ME7FB2 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0661902	-.045312	.4374588	-.063578	.0055248	69.52242	1.094398
Stddev	.0032829	.004811	.0004002	.000596	.0013186	.17102	.004360
%RSD	4.959744	10.61837	.0914788	.9373982	23.86674	.2459981	.3983910

#1	.0624376	-.040843	.4379089	-.064250	.0056460	69.70890	1.099241
#2	.0685309	-.044687	.4373241	-.063370	.0067786	69.37288	1.093166
#3	.0676021	-.050405	.4371433	-.063114	.0041498	69.48549	1.090786

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0081160	.0255508	93.80415	.1618598	.0450931	.7080361	327.7034
Stddev	.0001044	.0005192	.30674	.0008938	.0002732	.0021459	.5263
%RSD	1.285683	2.031878	.3269963	.5522152	.6059228	.3030780	.1605975

#1	.0080481	.0252239	93.93097	.1609629	.0449606	.7104603	327.6090
#2	.0082362	.0252791	93.45434	.1618661	.0454073	.7063797	327.2306
#3	.0080638	.0261495	94.02714	.1627504	.0449115	.7072683	328.2704

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	3.270981	30.74983	.1681089	-.001526	2.536530	.1838881	1.772663
Stddev	.005171	.04432	.0006701	.000395	.052689	.0028236	.047962
%RSD	.1580875	.1441370	.3986134	25.91676	2.077214	1.535495	2.705636

#1	3.265418	30.79615	.1686852	-.001977	2.476345	.1864946	1.826152
#2	3.271882	30.70782	.1673736	-.001360	2.574333	.1808886	1.758351
#3	3.275642	30.74553	.1682678	-.001240	2.558913	.1842812	1.733487

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.211681	3.845344	-.759421	.0159842	6.298427	9.195434	.0412684
Stddev	.020967	.036504	.000527	.0003703	.045071	.034680	.0010638
%RSD	.4023045	.9493147	.0693626	2.317002	.7155950	.3771390	2.577846

#1	5.216827	3.813175	-.758830	.0157694	6.266600	9.181482	.0415671
#2	5.188621	3.837839	-.759593	.0164118	6.278679	9.169904	.0421511
#3	5.229596	3.885018	-.759840	.0157713	6.350001	9.234917	.0400872

Sample Name: I3964-02 Acquired: 7/10/2017 15:18:40 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v56) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: ME7FB2 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.3015654	.0461741	.5941476
Stddev	.0002595	.0008417	.0011738
%RSD	.0860555	1.822872	.1975533

#1	.3017314	.0455613	.5955021
#2	.3012663	.0458273	.5934293
#3	.3016985	.0471338	.5935114

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1197.205	1751.581	48751.04	5800.982	2668.021
Stddev	11.284	14.140	224.37	17.038	17.634
%RSD	.9425224	.8072885	.4602463	.2937104	.6609382

#1	1185.365	1755.359	48528.60	5784.974	2676.324
#2	1198.415	1763.448	48747.23	5818.891	2679.971
#3	1207.835	1735.935	48977.30	5799.080	2647.768

Sample Name: I3964-03 Acquired: 7/10/2017 15:22:46 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v56) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: ME7FB3 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0551505	-.046059	.4309639	-.062416	.0055287	78.11305	1.018674
Stddev	.0017846	.002398	.0038012	.001260	.0006714	.43211	.006487
%RSD	3.235899	5.205799	.8820136	2.018889	12.14472	.5531830	.6368280

#1	.0570361	-.044193	.4289682	-.060966	.0047951	78.46944	1.023185
#2	.0549277	-.048763	.4285763	-.063037	.0056782	78.23726	1.021599
#3	.0534878	-.045220	.4353473	-.063246	.0061128	77.63243	1.011240

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0087011	.0259943	89.29934	.1367760	.0452931	.6531830	332.7629
Stddev	.0001396	.0004365	.62791	.0005163	.0002334	.0082434	1.8203
%RSD	1.603828	1.679339	.7031497	.3774642	.5153237	1.262036	.5470334

#1	.0087662	.0261392	89.82053	.1368219	.0453285	.6576211	333.9710
#2	.0087961	.0255037	89.47526	.1372678	.0455067	.6582565	333.6485
#3	.0085408	.0263399	88.60224	.1362383	.0450440	.6436714	330.6692

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	3.721093	28.93606	.1668665	-.001648	2.751884	.2022829	1.831581
Stddev	.023757	.10973	.0010084	.000265	.080137	.0020953	.010835
%RSD	.6384519	.3791994	.6043214	16.09354	2.912089	1.035839	.5915451

#1	3.737541	29.00830	.1666275	-.001543	2.816148	.2038821	1.822988
#2	3.731882	28.99010	.1659990	-.001452	2.777411	.2030556	1.843752
#3	3.693856	28.80980	.1679729	-.001950	2.662093	.1999109	1.828002

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.486570	3.527709	-.770969	.0158650	6.047106	9.526754	.0438115
Stddev	.016495	.064663	.004541	.0005022	.062826	.067643	.0014132
%RSD	.3006476	1.832999	.5889788	3.165561	1.038947	.7100282	3.225605

#1	5.503817	3.579480	-.771641	.0163514	6.071425	9.536510	.0422132
#2	5.484947	3.455228	-.775136	.0158955	5.975755	9.588990	.0448957
#3	5.470946	3.548418	-.766129	.0153483	6.094137	9.454764	.0443254

Sample Name: I3964-03 Acquired: 7/10/2017 15:22:46 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v56) Mode: CONC Corr. Factor: 1.000000
 User: JASWAL Custom ID1: ME7FB3 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.3045125	.0455464	.6692571
Stddev	.0013946	.0006358	.0025750
%RSD	.4579914	1.395885	.3847515

#1	.3061215	.0459621	.6710727
#2	.3037667	.0458626	.6703884
#3	.3036494	.0448146	.6663101

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1201.951	1762.473	49034.61	5901.395	2663.841
Stddev	.764	7.647	74.58	37.975	5.307
%RSD	.0635621	.4338974	.1520921	.6434998	.1992117

#1	1201.199	1758.342	49080.69	5876.519	2661.938
#2	1202.726	1771.297	48948.57	5882.561	2669.837
#3	1201.929	1757.779	49074.56	5945.107	2659.748

Sample Name: I3964-04 Acquired: 7/10/2017 15:26:53 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v56) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: ME7FB4 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0645790	-.036255	.6734309	-.051896	.0050010	48.87344	.4809032
Stddev	.0017451	.000276	.0049590	.005644	.0004981	.09741	.0036213
%RSD	2.702285	.7625200	.7363765	10.87583	9.960486	.1993091	.7530252

#1	.0626101	-.036043	.6756065	-.054813	.0045368	48.78844	.4783690
#2	.0659349	-.036156	.6677560	-.045391	.0049390	48.85213	.4792897
#3	.0651920	-.036568	.6769303	-.055485	.0055272	48.97973	.4850508

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0045692	.0251739	188.7211	.1980376	.0446981	.3919013	264.0162
Stddev	.0002216	.0002810	1.0110	.0021346	.0003459	.0029955	.9303
%RSD	4.850353	1.116245	.5357292	1.077898	.7738822	.7643503	.3523501

#1	.0043785	.0253720	187.7379	.1960845	.0449065	.3949267	262.9589
#2	.0048123	.0248523	189.7579	.2003164	.0442988	.3889366	264.7090
#3	.0045167	.0252974	188.6676	.1977119	.0448890	.3918405	264.3807

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	9.983482	53.79498	.1321828	-.000791	1.838716	.1230606	2.984764
Stddev	.021788	.29169	.0004629	.000321	.121129	.0026238	.031997
%RSD	.2182434	.5422315	.3502136	40.52670	6.587707	2.132092	1.072018

#1	9.965340	53.47939	.1325961	-.000623	1.968361	.1200314	3.003868
#2	10.00765	54.05468	.1316826	-.000590	1.819353	.1245290	3.002600
#3	9.97746	53.85087	.1322698	-.001161	1.728435	.1246214	2.947824

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.049736	3.561771	-.604016	.0102880	2.390105	7.042946	.0338482
Stddev	.014840	.038160	.000829	.0002832	.017764	.009508	.0017095
%RSD	.3664530	1.071389	.1372609	2.752557	.7432446	.1350040	5.050583

#1	4.049134	3.603196	-.604629	.0101505	2.409245	7.032553	.0357905
#2	4.035206	3.528051	-.603073	.0106137	2.374147	7.051208	.0325722
#3	4.064868	3.554065	-.604346	.0100999	2.386924	7.045078	.0331819

Sample Name: I3964-04 Acquired: 7/10/2017 15:26:53 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v56) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: ME7FB4 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	1.261800	.0522825	.2426466
Stddev	.006128	.0001778	.0001910
%RSD	.4856278	.3400238	.0786949

#1	1.254727	.0523348	.2424687
#2	1.265519	.0520844	.2426229
#3	1.265153	.0524282	.2428483

Int. Std.	Y_ 2243	Y_ 2243	Y_ 3600	Y_ 3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1117.513	1633.664	45056.62	5449.437	2625.085
Stddev	7.342	3.118	137.17	7.883	8.489
%RSD	.6570041	.1908704	.3044298	.1446509	.3233967

#1	1109.048	1633.192	44943.27	5453.725	2618.934
#2	1121.337	1636.992	45017.49	5440.340	2634.771
#3	1122.153	1630.809	45209.10	5454.246	2621.550

Sample Name: I3964-05 Acquired: 7/10/2017 15:30:57 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v56) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: ME7FB4D Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0640555	-.035415	.6732781	-.047225	.0045717	48.65456	.4811457
Stddev	.0038180	.000978	.0048887	.005524	.0017126	.05145	.0005182
%RSD	5.960444	2.761333	.7261120	11.69606	37.46196	.1057381	.1077027

#1	.0624483	-.035673	.6721752	-.053469	.0047525	48.59710	.4808605
#2	.0613038	-.034334	.6786240	-.045234	.0061867	48.69634	.4808328
#3	.0684143	-.036238	.6690349	-.042974	.0027758	48.67026	.4817439

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0044942	.0250197	188.1483	.1953603	.0446121	.3896134	263.2912
Stddev	.0001903	.0003182	.3515	.0011319	.0006828	.0032208	.7135
%RSD	4.234512	1.271780	.1868265	.5793938	1.530428	.8266777	.2709886

#1	.0044799	.0247366	188.1662	.1947720	.0438836	.3862011	262.8339
#2	.0046913	.0249583	188.4906	.1946438	.0447153	.3900386	264.1133
#3	.0043114	.0253641	187.7882	.1966653	.0452374	.3926006	262.9262

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	9.944842	53.42937	.1315285	-.000692	1.720576	.1234228	2.975898
Stddev	.034219	.15980	.0004667	.000113	.008254	.0034416	.024564
%RSD	.3440897	.2990897	.3548111	16.36269	.4797520	2.788454	.8254198

#1	9.948566	53.31743	.1317733	-.000742	1.717548	.1220261	2.974509
#2	9.977047	53.35830	.1318219	-.000771	1.729917	.1208991	3.001126
#3	9.908914	53.61238	.1309904	-.000562	1.714263	.1273431	2.952058

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.063928	3.553108	-.596922	.0096873	2.384164	7.022554	.0326966
Stddev	.038073	.044020	.004190	.0004964	.019315	.029816	.0032371
%RSD	.9368498	1.238909	.7019116	5.123861	.8101409	.4245776	9.900374

#1	4.023279	3.507428	-.601091	.0097221	2.364024	7.037436	.0323768
#2	4.069751	3.556642	-.596965	.0091744	2.385935	7.042000	.0296313
#3	4.098753	3.595254	-.592712	.0101653	2.402532	6.988226	.0360817

Sample Name: I3964-05 Acquired: 7/10/2017 15:30:57 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v56) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: ME7FB4D Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	1.258851	.0519956	.2418404
Stddev	.002149	.0004563	.0002473
%RSD	.1707380	.8775188	.1022357

#1	1.257829	.0515087	.2416734
#2	1.261321	.0524133	.2417234
#3	1.257404	.0520649	.2421244

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1114.237	1640.205	45190.97	5466.923	2635.198
Stddev	5.430	5.493	117.68	17.968	9.836
%RSD	.4873192	.3349050	.2604032	.3286645	.3732493

#1	1107.967	1639.405	45128.57	5449.592	2639.876
#2	1117.334	1635.155	45326.71	5465.710	2623.896
#3	1117.409	1646.054	45117.63	5485.467	2641.821

Sample Name: I3964-06 Acquired: 7/10/2017 15:35:00 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v56) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: ME7FB4S Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1417679	.0923190	.7016173	.0475052	.2054563	52.97856	4.169571
Stddev	.0033349	.0003934	.0061075	.0056629	.0023108	.35937	.029126
%RSD	2.352396	.4261133	.8704864	11.92063	1.124706	.6783216	.6985363

#1	.1449779	.0919769	.7010137	.0410387	.2077437	52.83392	4.161693
#2	.1383207	.0922311	.7080041	.0498973	.2055023	53.38771	4.201825
#3	.1420050	.0927488	.6958340	.0515794	.2031228	52.71406	4.145194

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0908662	.1234349	186.5510	.6145762	.9708245	.8965559	264.8608
Stddev	.0010080	.0003543	2.4198	.0037002	.0060675	.0042018	2.8746
%RSD	1.109373	.2870060	1.297141	.6020664	.6249835	.4686597	1.085321

#1	.0902625	.1233065	184.5257	.6108923	.9691294	.8940022	262.6475
#2	.0920299	.1238355	189.2307	.6145440	.9775593	.9014054	268.1097
#3	.0903061	.1231627	185.8965	.6182924	.9657848	.8942600	263.8252

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	11.15098	53.20279	1.043566	.0412587	1.783982	1.060545	3.890806
Stddev	.12299	.53209	.008074	.0005683	.126875	.012664	.029229
%RSD	1.102913	1.000115	.7737379	1.377350	7.111894	1.194124	.7512244

#1	11.04906	52.78822	1.044844	.0406030	1.810061	1.052428	3.896040
#2	11.28759	53.80278	1.050925	.0415657	1.646094	1.075138	3.859314
#3	11.11629	53.01738	1.034928	.0416075	1.895791	1.054069	3.917064

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.098585	3.487875	-.599310	.0089147	2.329655	9.596797	.0339140
Stddev	.066227	.030485	.005021	.0004046	.024431	.106760	.0010396
%RSD	1.615858	.8740353	.8377963	4.538393	1.048684	1.112449	3.065236

#1	4.116578	3.477270	-.595795	.0085351	2.313212	9.524731	.0331693
#2	4.153956	3.522246	-.605060	.0093403	2.357728	9.719446	.0351017
#3	4.025220	3.464108	-.597074	.0088688	2.318025	9.546213	.0334712

Sample Name: I3964-06 Acquired: 7/10/2017 15:35:00 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v56) Mode: CONC Corr. Factor: 1.000000
 User: JASWAL Custom ID1: ME7FB4S Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	1.318090	.0521932	.2422072
Stddev	.010370	.0009589	.0012811
%RSD	.7867625	1.837177	.5289374

#1	1.311565	.0511976	.2416334
#2	1.330048	.0531106	.2436749
#3	1.312658	.0522714	.2413132

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1107.334	1625.183	44895.55	5378.086	2613.462
Stddev	2.286	9.348	109.58	38.418	16.869
%RSD	.2064584	.5752091	.2440767	.7143493	.6454500

#1	1109.228	1615.812	44907.27	5387.923	2606.591
#2	1107.978	1625.230	44998.80	5335.705	2601.113
#3	1104.795	1634.508	44780.58	5410.629	2632.682

Sample Name: I3964-04LX5 Acquired: 7/10/2017 15:38:57 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v56) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: ME7FB4L Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0155755	-.007009	.1413465	-.010195	.0002871	9.937964	.1040525
Stddev	.0017065	.001668	.0012294	.001356	.0013399	.008971	.0005500
%RSD	10.95653	23.80053	.8697707	13.30070	466.6603	.0902749	.5286162

#1	.0136107	-.005616	.1399289	-.009012	.0018183	9.937706	.1035388
#2	.0164279	-.006554	.1419912	-.011675	-.000286	9.947062	.1046328
#3	.0166879	-.008858	.1421195	-.009900	-.000671	9.929125	.1039857

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0012206	.0046584	39.41660	.0443396	.0089640	.0817847	56.87662
Stddev	.0000779	.0000432	.15276	.0000676	.0003516	.0015138	.13101
%RSD	6.380977	.9265604	.3875539	.1525582	3.922239	1.850953	.2303419

#1	.0011589	.0046623	39.59299	.0443617	.0089383	.0835067	57.02640
#2	.0011948	.0046134	39.32942	.0443934	.0093278	.0806634	56.78332
#3	.0013081	.0046995	39.32740	.0442637	.0086260	.0811841	56.82015

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.141696	11.04078	.0273421	-.000124	.3270970	.0249965	.6071996
Stddev	.003099	.04215	.0001819	.000200	.0584855	.0031784	.0085439
%RSD	.1447157	.3818067	.6651925	161.3986	17.88018	12.71523	1.407102

#1	2.145188	11.08547	.0272428	-.000298	.2778296	.0215072	.6069750
#2	2.139272	11.00174	.0275520	-.000170	.3917320	.0257559	.6158535
#3	2.140627	11.03513	.0272314	.000095	.3117294	.0277263	.5987701

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.7762811	.6958674	-.129566	.0017297	.4757810	1.562453	.0061712
Stddev	.0095834	.0078849	.000859	.0004035	.0051015	.003851	.0006358
%RSD	1.234528	1.133102	.6632416	23.32689	1.072248	.2464519	10.30307

#1	.7853528	.6902444	-.129546	.0019525	.4712454	1.562110	.0064694
#2	.7772333	.6924775	-.128716	.0019726	.4813041	1.566464	.0066030
#3	.7662571	.7048804	-.130435	.0012639	.4747935	1.558785	.0054411

Sample Name: I3964-04LX5 Acquired: 7/10/2017 15:38:57 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v56) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: ME7FB4L Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.2633207	.0105635	.0498075
Stddev	.0023626	.0003442	.0002583
%RSD	.8972183	3.258854	.5186617

#1	.2660100	.0106270	.0499423
#2	.2615794	.0101919	.0499706
#3	.2623725	.0108716	.0495097

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1177.900	1718.545	45981.29	5400.926	3050.166
Stddev	3.976	5.216	86.71	19.633	2.312
%RSD	.3375808	.3035391	.1885659	.3635159	.0758056

#1	1176.954	1718.628	45989.33	5378.268	3050.361
#2	1174.481	1713.288	46063.70	5411.605	3047.763
#3	1182.264	1723.720	45890.85	5412.906	3052.375

Sample Name: I3964-07 Acquired: 7/10/2017 15:43:01 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v56) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: ME7FB5 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0633400	-.040190	.4423670	-.048795	.0063512	59.33262	.5769794
Stddev	.0052258	.002115	.0072570	.002205	.0019225	.13816	.0018664
%RSD	8.250471	5.261392	1.640503	4.517960	30.27026	.2328581	.3234761

#1	.0679101	-.042594	.4344186	-.050886	.0043053	59.17871	.5748754
#2	.0644675	-.038619	.4440431	-.049007	.0066279	59.37322	.5784356
#3	.0576425	-.039356	.4486394	-.046492	.0081203	59.44594	.5776272

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0060341	.0278311	143.5162	.1614297	.0526602	.4993640	283.3925
Stddev	.0001069	.0003368	.6016	.0009547	.0002567	.0017175	1.2838
%RSD	1.770801	1.210281	.4191746	.5914110	.4874420	.3439415	.4530013

#1	.0060862	.0276295	142.9539	.1625302	.0527916	.5003478	282.0820
#2	.0061049	.0282199	143.4442	.1609344	.0528247	.5003635	283.4477
#3	.0059112	.0276437	144.1506	.1608244	.0523644	.4973808	284.6477

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.366150	51.66533	.1836772	-.001457	2.244275	.1249585	3.118402
Stddev	.029543	.21153	.0012762	.000619	.039129	.0036203	.032447
%RSD	.6766369	.4094263	.6947947	42.45691	1.743482	2.897169	1.040509

#1	4.338732	51.42578	.1822038	-.002130	2.199110	.1229844	3.133983
#2	4.362281	51.82642	.1844338	-.000913	2.267947	.1291367	3.081103
#3	4.397437	51.74380	.1843941	-.001329	2.265766	.1227543	3.140121

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.006183	3.463361	-.651233	.0198542	4.337911	6.467019	.0441399
Stddev	.033011	.025712	.003569	.0003884	.019801	.025780	.0012041
%RSD	.8240021	.7424058	.5479755	1.956119	.4564715	.3986402	2.727903

#1	3.968098	3.481295	-.647253	.0194321	4.346241	6.441335	.0430345
#2	4.023850	3.433902	-.654147	.0199340	4.315305	6.492894	.0439622
#3	4.026599	3.474885	-.652300	.0201965	4.352186	6.466828	.0454230

Sample Name: I3964-07 Acquired: 7/10/2017 15:43:01 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v56) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: ME7FB5 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.8176643	.0576376	.3734492
Stddev	.0030664	.0002535	.0015574
%RSD	.3750196	.4397762	.4170348

#1	.8141763	.0578783	.3716622
#2	.8188809	.0573730	.3741684
#3	.8199357	.0576616	.3745171

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1150.454	1675.952	46488.59	5579.338	2625.677
Stddev	2.090	4.339	240.25	31.107	5.597
%RSD	.1816336	.2589012	.5168016	.5575458	.2131464

#1	1150.050	1675.017	46302.74	5614.338	2629.798
#2	1152.717	1680.683	46759.89	5554.845	2627.926
#3	1148.597	1672.157	46403.14	5568.832	2619.305

Sample Name: I3964-08 Acquired: 7/10/2017 15:47:04 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v56) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: ME7FB6 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0103487	-.023570	.0609935	-.030338	.0005548	21.19512	.2383282
Stddev	.0050626	.000707	.0017669	.003547	.0003251	.09014	.0004810
%RSD	48.91989	3.000255	2.896825	11.69208	58.60784	.4252802	.2018173

#1	.0057916	-.024286	.0611269	-.027786	.0001819	21.22725	.2382406
#2	.0094564	-.022872	.0591637	-.034388	.0007033	21.26479	.2388470
#3	.0157981	-.023552	.0626899	-.028839	.0007791	21.09332	.2378971

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0021291	.0105763	16.71530	.0975094	.0147992	.2218021	175.4676
Stddev	.0001504	.0001991	.08533	.0010120	.0002189	.0017247	.3516
%RSD	7.065856	1.882864	.5105189	1.037825	1.479175	.7775860	.2003970

#1	.0021501	.0107120	16.65537	.0984110	.0146434	.2209535	175.1095
#2	.0022680	.0103477	16.81300	.0977025	.0147046	.2237867	175.8124
#3	.0019693	.0106693	16.67753	.0964148	.0150495	.2206661	175.4809

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.594141	8.197272	.0570758	-.001143	5.852627	.0530385	.3466694
Stddev	.016269	.047927	.0007010	.000065	.046529	.0034343	.0115426
%RSD	.2908152	.5846651	1.228233	5.713041	.7950020	6.475182	3.329581

#1	5.581211	8.191571	.0564230	-.001203	5.824386	.0517316	.3389139
#2	5.612407	8.247794	.0578167	-.001153	5.906329	.0569345	.3411598
#3	5.588805	8.152451	.0569876	-.001074	5.827165	.0504495	.3599344

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.533908	.9185642	-.402531	.0088567	2.167238	4.036781	.0123680
Stddev	.035243	.0018872	.004262	.0003132	.004944	.034252	.0002634
%RSD	1.390848	.2054460	1.058814	3.536474	.2281310	.8484982	2.129720

#1	2.536795	.9188731	-.400974	.0085776	2.165454	4.030690	.0122219
#2	2.567619	.9165416	-.407353	.0091955	2.172826	4.073670	.0126721
#3	2.497311	.9202778	-.399267	.0087969	2.163433	4.005983	.0122101

Sample Name: I3964-08 Acquired: 7/10/2017 15:47:04 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v56) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: ME7FB6 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.8385865	.0291357	.2248635
Stddev	.0019506	.0007709	.0012749
%RSD	.2326055	2.645928	.5669793

#1	.8393687	.0288874	.2245231
#2	.8400246	.0285195	.2262741
#3	.8363662	.0300002	.2237933

Int. Std.	Y_ 2243	Y_ 2243	Y_ 3600	Y_ 3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1147.994	1684.901	46242.06	5473.199	2960.691
Stddev	6.131	2.287	82.73	23.922	5.826
%RSD	.5340759	.1357127	.1789148	.4370687	.1967878

#1	1152.598	1686.658	46168.48	5468.894	2959.456
#2	1150.349	1685.729	46226.10	5451.722	2967.036
#3	1141.034	1682.316	46331.62	5498.981	2955.582

Sample Name: I3964-09 Acquired: 7/10/2017 15:51:10 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v56) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: ME7FB7 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0077271	-.017471	.0696622	-.026054	.0014118	27.18758	.2356005
Stddev	.0019074	.001458	.0014247	.004934	.0010998	.13171	.0005160
%RSD	24.68459	8.346685	2.045121	18.93752	77.90295	.4844499	.2190024

#1	.0067504	-.018116	.0680979	-.031484	.0023856	27.08353	.2352156
#2	.0099251	-.015801	.0708853	-.021846	.0002190	27.33567	.2361868
#3	.0065059	-.018495	.0700034	-.024832	.0016307	27.14356	.2353990

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0029255	.0080693	23.94813	.0630847	.0138716	.1953065	146.5634
Stddev	.0001138	.0002101	.11352	.0006819	.0002473	.0010696	.7739
%RSD	3.890133	2.603447	.4740414	1.080895	1.782571	.5476629	.5280093

#1	.0030294	.0083103	23.86871	.0637456	.0138602	.1945190	146.0910
#2	.0029431	.0079245	24.07816	.0631250	.0136302	.1948763	147.4565
#3	.0028039	.0079732	23.89751	.0623836	.0141243	.1965243	146.1427

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.265231	11.70320	.0486830	-.001128	1.360644	.0410247	.1918219
Stddev	.003826	.11600	.0001365	.000085	.050952	.0008595	.0043052
%RSD	.3024215	.9911505	.2804111	7.545876	3.744731	2.094993	2.244386

#1	1.262650	11.71604	.0487049	-.001079	1.305626	.0400838	.1948879
#2	1.269627	11.81224	.0485369	-.001078	1.406206	.0412220	.1936779
#3	1.263416	11.58132	.0488073	-.001226	1.370101	.0417684	.1869000

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.975397	.6614561	-.331911	.0056355	1.593156	7.179657	.0137190
Stddev	.004807	.0078112	.001687	.0001958	.010166	.037141	.0013310
%RSD	.2433464	1.180913	.5081611	3.475324	.6380904	.5173132	9.701794

#1	1.971554	.6596877	-.329980	.0056952	1.581642	7.140711	.0121902
#2	1.973850	.6699999	-.333095	.0057945	1.600893	7.214682	.0143470
#3	1.980787	.6546807	-.332658	.0054167	1.596932	7.183577	.0146197

Sample Name: I3964-09 Acquired: 7/10/2017 15:51:10 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v56) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: ME7FB7 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.3988374	.0135188	.2485499
Stddev	.0025284	.0003321	.0012198
%RSD	.6339438	2.456374	.4907514

#1	.3971155	.0131407	.2472456
#2	.4017402	.0137630	.2496623
#3	.3976565	.0136526	.2487419

Int. Std.	Y_ 2243	Y_ 2243	Y_ 3600	Y_ 3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1163.437	1700.930	46800.23	5503.745	2961.240
Stddev	4.542	4.280	135.50	18.950	3.171
%RSD	.3903818	.2516302	.2895184	.3443110	.1070919

#1	1160.419	1697.277	46657.03	5521.461	2959.774
#2	1168.660	1705.639	46817.24	5483.764	2964.879
#3	1161.231	1699.873	46926.41	5506.009	2959.067

Sample Name: I3964-10 Acquired: 7/10/2017 15:55:16 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v56) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: ME7FB8 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0439150	-.044679	.3477438	-.049956	.0033050	89.54181	1.075642
Stddev	.0019542	.002057	.0025291	.001232	.0014717	.15101	.000975
%RSD	4.449951	4.603056	.7272911	2.466066	44.52878	.1686524	.0906501

#1	.0418982	-.042345	.3448624	-.048564	.0018155	89.62004	1.076459
#2	.0440469	-.046227	.3495962	-.050401	.0047582	89.63767	1.075906
#3	.0457999	-.045464	.3487727	-.050904	.0033413	89.36773	1.074563

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0087393	.0229190	100.1474	.1267659	.0377397	.5616076	253.2596
Stddev	.0000227	.0003651	.4074	.0013189	.0003790	.0025302	1.0829
%RSD	.2592864	1.593157	.4067740	1.040445	1.004305	.4505239	.4275977

#1	.0087609	.0225759	99.7480	.1253673	.0378558	.5640301	252.3047
#2	.0087412	.0228784	100.5623	.1269434	.0373162	.5618108	254.4362
#3	.0087157	.0233027	100.1320	.1279871	.0380470	.5589820	253.0379

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.430519	39.62190	.1339881	.0006449	4.538094	.0733468	2.933860
Stddev	.006740	.19616	.0003522	.0002154	.045114	.0017476	.036065
%RSD	.2773226	.4950672	.2628879	33.39659	.9941205	2.382694	1.229280

#1	2.423981	39.52405	.1337785	.0008726	4.583786	.0735681	2.895975
#2	2.437445	39.84773	.1337910	.0004445	4.493581	.0749732	2.937827
#3	2.430129	39.49392	.1343947	.0006175	4.536917	.0714990	2.967777

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	9.451564	5.334398	-.556736	.0071430	11.68357	6.603670	.0360039
Stddev	.011007	.032550	.002029	.0002816	.05241	.004030	.0029011
%RSD	.1164522	.6101999	.3644332	3.942256	.4485476	.0610286	8.057790

#1	9.464255	5.297071	-.557560	.0071497	11.62625	6.608310	.0377510
#2	9.445807	5.349244	-.558223	.0074212	11.69545	6.601044	.0326551
#3	9.444629	5.356878	-.554425	.0068581	11.72903	6.601656	.0376057

Sample Name: I3964-10 Acquired: 7/10/2017 15:55:16 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v56) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: ME7FB8 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.3686225	.0563029	.6307376
Stddev	.0021386	.0000329	.0004094
%RSD	.5801662	.0583932	.0649096

#1	.3699966	.0563234	.6311543
#2	.3697125	.0563203	.6303359
#3	.3661585	.0562650	.6307227

Int. Std.	Y_ 2243	Y_ 2243	Y_ 3600	Y_ 3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1254.453	1834.498	51624.68	6285.054	2622.834
Stddev	7.730	1.680	127.04	8.496	2.737
%RSD	.6162375	.0915902	.2460924	.1351705	.1043400

#1	1261.763	1832.649	51768.21	6285.904	2624.338
#2	1255.233	1834.912	51579.20	6276.166	2624.488
#3	1246.362	1835.932	51526.64	6293.093	2619.675

Sample Name: I3964-11 Acquired: 7/10/2017 15:59:19 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v56) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: ME7FB9 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0435423	-.048064	.3589233	-.054234	.0034766	102.5599	1.086105
Stddev	.0014521	.002776	.0034799	.005681	.0015163	.0961	.000072
%RSD	3.334793	5.775482	.9695415	10.47507	43.61498	.0937110	.0066300

#1	.0418688	-.051255	.3569439	-.047733	.0035372	102.6446	1.086055
#2	.0444687	-.046206	.3568847	-.058246	.0019309	102.5796	1.086187
#3	.0442895	-.046732	.3629414	-.056722	.0049618	102.4554	1.086071

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0087544	.0240248	99.79311	.1383382	.0388542	.6030591	266.4267
Stddev	.0000714	.0002712	.21305	.0014891	.0000660	.0034086	.3562
%RSD	.8152599	1.128613	.2134876	1.076436	.1698032	.5652186	.1336817

#1	.0087417	.0241455	99.60044	.1374029	.0389239	.6026357	266.2921
#2	.0088313	.0237143	99.75699	.1375563	.0387928	.6066597	266.1574
#3	.0086903	.0242147	100.0219	.1400554	.0388460	.5998820	266.8305

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.560319	42.35253	.1377001	.0006754	4.953932	.0836614	3.201835
Stddev	.008659	.03611	.0017219	.0001031	.073929	.0017066	.030022
%RSD	.3382174	.0852627	1.250464	15.26277	1.492321	2.039895	.9376499

#1	2.556744	42.35548	.1388766	.0005688	5.039041	.0818111	3.200735
#2	2.554020	42.31503	.1357238	.0007746	4.905657	.0851737	3.172377
#3	2.570194	42.38707	.1385000	.0006829	4.917097	.0839994	3.232391

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	10.35763	5.501924	-.567691	.0089763	11.51070	9.252726	.0376831
Stddev	.02440	.040147	.003398	.0004340	.06189	.035265	.0013807
%RSD	.2355962	.7296927	.5985931	4.834842	.5376860	.3811266	3.664029

#1	10.38024	5.485431	-.564708	.0094609	11.46181	9.219822	.0390209
#2	10.36088	5.472651	-.571390	.0086233	11.49001	9.289953	.0377654
#3	10.33176	5.547691	-.566975	.0088448	11.58029	9.248402	.0362632

Sample Name: I3964-11 Acquired: 7/10/2017 15:59:19 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v56) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: ME7FB9 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.4847155	.0653341	.6501418
Stddev	.0012945	.0003292	.0010105
%RSD	.2670621	.5039242	.1554290

#1	.4838539	.0650711	.6512961
#2	.4840885	.0652278	.6494171
#3	.4862041	.0657033	.6497122

Int. Std.	Y_ 2243	Y_ 2243	Y_ 3600	Y_ 3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1222.957	1802.654	50655.71	6136.431	2579.617
Stddev	6.587	12.839	208.48	17.924	14.605
%RSD	.5385790	.7122236	.4115631	.2920991	.5661603

#1	1217.248	1787.862	50511.09	6117.825	2563.059
#2	1230.163	1810.902	50894.69	6137.882	2590.669
#3	1221.459	1809.199	50561.35	6153.586	2585.123

Sample Name: I3964-12 Acquired: 7/10/2017 16:03:22 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v56) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: ME7FC0 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0106999	-.005845	.0274751	-.001570	-.001229	14.93662	.1398989
Stddev	.0024517	.001583	.0000972	.003415	.000254	.07581	.0010847
%RSD	22.91327	27.08142	.3538215	217.5275	20.63179	.5075316	.7753205

#1	.0084156	-.007579	.0274447	-.004322	-.001232	14.96019	.1401430
#2	.0103940	-.005477	.0275839	-.002639	-.000974	14.85182	.1387129
#3	.0132902	-.004478	.0273968	.002252	-.001481	14.99784	.1408407

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0011780	.0015183	13.02660	.0183059	.0046971	.0375560	30.23801
Stddev	.0000798	.0002067	.02004	.0010672	.0002655	.0005083	.19193
%RSD	6.777443	13.61146	.1538603	5.829899	5.651675	1.353306	.6347194

#1	.0010966	.0017568	13.04371	.0170790	.0047258	.0378481	30.02074
#2	.0012562	.0013912	13.00455	.0188191	.0049470	.0378508	30.30885
#3	.0011813	.0014070	13.03153	.0190196	.0044184	.0369692	30.38445

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.3240228	6.669382	.0134295	-.000240	1.700106	.0192232	.0550300
Stddev	.0012573	.043976	.0002848	.000046	.065589	.0017842	.0066823
%RSD	.3880421	.6593750	2.120574	19.31115	3.857956	9.281550	12.14299

#1	.3232740	6.713632	.0134979	-.000197	1.719827	.0201427	.0504049
#2	.3233201	6.668830	.0136738	-.000289	1.626919	.0171668	.0626913
#3	.3254744	6.625685	.0131167	-.000233	1.753573	.0203601	.0519937

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.304661	.4281429	-.056416	.0010853	.9959216	6.820506	.0080432
Stddev	.012516	.0012960	.000821	.0003231	.0040455	.041846	.0014975
%RSD	.9593378	.3027124	1.454914	29.77033	.4062084	.6135328	18.61845

#1	1.312719	.4292015	-.057363	.0013991	.9951032	6.773803	.0065163
#2	1.290242	.4266975	-.055918	.0007536	1.000314	6.854592	.0095095
#3	1.311023	.4285298	-.055967	.0011033	.992348	6.833124	.0081037

Sample Name: I3964-12 Acquired: 7/10/2017 16:03:22 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v56) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: ME7FC0 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.3026707	.0085590	.1706597
Stddev	.0015186	.0003163	.0005385
%RSD	.5017386	3.695148	.3155279

#1	.3015273	.0088743	.1702833
#2	.3043938	.0085609	.1704193
#3	.3020911	.0082418	.1712765

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1166.848	1709.723	46633.81	5460.666	3101.891
Stddev	10.627	10.617	172.17	8.271	10.006
%RSD	.9107381	.6209697	.3692054	.1514678	.3225690

#1	1154.786	1718.304	46440.63	5470.088	3112.208
#2	1174.830	1713.015	46771.07	5457.309	3101.235
#3	1170.928	1697.850	46689.74	5454.601	3092.229

Sample Name: I3964-13 Acquired: 7/10/2017 16:07:29 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v56) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: ME7FC1 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0387192	-.032496	.2569714	-.039821	.0028345	91.62871	1.080080
Stddev	.0047994	.001660	.0039651	.003426	.0019933	.14509	.004567
%RSD	12.39545	5.108198	1.543020	8.604254	70.32380	.1583427	.4228780

#1	.0349456	-.030735	.2536007	-.038721	.0049758	91.78532	1.082867
#2	.0441209	-.034033	.2559732	-.037080	.0010329	91.49888	1.074809
#3	.0370912	-.032720	.2613402	-.043662	.0024947	91.60194	1.082564

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0089453	.0172342	89.10001	.1073553	.0366705	.3591181	201.7540
Stddev	.0001393	.0001904	.07615	.0013813	.0000740	.0024865	.1572
%RSD	1.557336	1.104547	.0854605	1.286678	.2018555	.6923875	.0779410

#1	.0089037	.0172297	89.01215	.1084972	.0366453	.3565265	201.7239
#2	.0088315	.0170461	89.14689	.1077488	.0366123	.3614841	201.9242
#3	.0091007	.0174268	89.14099	.1058200	.0367538	.3593437	201.6140

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.417995	37.59673	.1061072	-.000663	5.707233	.0671390	1.242644
Stddev	.006940	.14443	.0002989	.000220	.067700	.0032734	.012623
%RSD	.2870312	.3841447	.2816742	33.23455	1.186214	4.875525	1.015796

#1	2.412489	37.43925	.1058144	-.000866	5.705288	.0708528	1.256964
#2	2.415705	37.62792	.1060955	-.000696	5.640527	.0646732	1.237836
#3	2.425791	37.72301	.1064118	-.000428	5.775885	.0658911	1.233132

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	9.566003	6.887361	-.422149	.0049918	9.489309	8.363994	.0300590
Stddev	.028731	.023505	.001025	.0007527	.030644	.005235	.0028186
%RSD	.3003499	.3412704	.2428961	15.07849	.3229330	.0625866	9.376810

#1	9.546114	6.885155	-.422006	.0045055	9.454030	8.370018	.0275628
#2	9.598943	6.865037	-.423238	.0058588	9.509319	8.360552	.0331157
#3	9.552951	6.911891	-.421203	.0046112	9.504577	8.361411	.0294986

Sample Name: I3964-13 Acquired: 7/10/2017 16:07:29 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v56) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: ME7FC1 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.4873360	.0500370	.7121315
Stddev	.0012658	.0004735	.0005444
%RSD	.2597443	.9463534	.0764461

#1	.4876342	.0505758	.7123106
#2	.4859478	.0496870	.7115201
#3	.4884262	.0498482	.7125638

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1248.168	1830.159	51260.49	6236.916	2631.777
Stddev	12.555	8.301	224.09	16.167	8.215
%RSD	1.005856	.4535653	.4371610	.2592118	.3121412

#1	1237.463	1823.227	51033.75	6223.691	2623.306
#2	1245.056	1839.358	51265.88	6232.118	2639.710
#3	1261.987	1827.893	51481.83	6254.939	2632.316

Sample Name: I3964-14 Acquired: 7/10/2017 16:11:31 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v56) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: ME7FC2 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0773094	-.036063	.4423708	-.040661	.0042458	66.84861	1.474659
Stddev	.0038636	.000538	.0014989	.003634	.0021598	.15908	.005013
%RSD	4.997631	1.490997	.3388374	8.936402	50.86914	.2379743	.3399362

#1	.0738170	-.035444	.4411925	-.041610	.0041947	66.99682	1.477172
#2	.0814598	-.036324	.4440579	-.036648	.0064307	66.68052	1.468886
#3	.0766514	-.036420	.4418621	-.043727	.0021120	66.86849	1.477917

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0117945	.0422624	239.4352	.0587700	.0404593	.2378960	202.9133
Stddev	.0001755	.0002682	.6132	.0013223	.0002290	.0022181	.7102
%RSD	1.488213	.6346578	.2561045	2.249991	.5659614	.9323928	.3499997

#1	.0119643	.0422254	240.0882	.0573614	.0402857	.2364883	203.6773
#2	.0118055	.0425472	239.3459	.0599847	.0403735	.2367468	202.7896
#3	.0116138	.0420146	238.8716	.0589640	.0407189	.2404529	202.2731

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.067359	84.32506	.1227928	-.002092	46.23770	.0827670	8.264435
Stddev	.007597	.25849	.0007603	.000304	.15013	.0024463	.070341
%RSD	.3674840	.3065357	.6191726	14.54852	.3246956	2.955696	.8511231

#1	2.076040	84.58653	.1225609	-.001889	46.40981	.0844090	8.204285
#2	2.061921	84.06966	.1236421	-.001945	46.16961	.0799554	8.341778
#3	2.064118	84.31898	.1221755	-.002442	46.13367	.0839365	8.247242

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	8.667594	3.997897	-.417781	.0082919	39.78877	5.107135	.0270929
Stddev	.024754	.015151	.002314	.0004248	.04219	.026545	.0011888
%RSD	.2855897	.3789690	.5539064	5.123566	.1060474	.5197596	4.387890

#1	8.639839	3.999769	-.420453	.0079042	39.74221	5.137303	.0276688
#2	8.675558	4.012024	-.416421	.0082253	39.79962	5.096748	.0278842
#3	8.687386	3.981897	-.416470	.0087461	39.82448	5.087354	.0257259

Sample Name: I3964-14 Acquired: 7/10/2017 16:11:31 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v56) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: ME7FC2 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.3357016	.0739467	2.848365
Stddev	.0011544	.0002914	.008652
%RSD	.3438715	.3940535	.3037683

#1	.3349649	.0737388	2.853836
#2	.3351079	.0742797	2.838389
#3	.3370321	.0738216	2.852868

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1317.615	1915.607	53703.18	6593.650	2414.936
Stddev	2.532	9.397	13.34	12.055	11.759
%RSD	.1921833	.4905537	.0248491	.1828325	.4869336

#1	1320.380	1920.238	53694.76	6582.208	2421.407
#2	1315.408	1921.789	53718.57	6592.505	2422.039
#3	1317.056	1904.793	53696.22	6606.237	2401.363

Sample Name: I3964-15 Acquired: 7/10/2017 16:15:43 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v56) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: ME7FC3 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.4608586	-.629341	18.03283	-.908015	.1261436	28.79483
Stddev	.0040673	.004482	.05417	.022000	.0010109	.11417
%RSD	.8825424	.7122222	.3003763	2.422914	.8013731	.3964988

#1	.4565052	-.627889	18.05393	-.896669	.1252993	28.81140
#2	.4615094	-.625764	17.97129	-.894004	.1258678	28.89980
#3	.4645612	-.634369	18.07326	-.933372	.1272638	28.67327

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.6236320	.0208806	.5124490	96.21527	3.047639	.3303790
Stddev	.0022912	.0002947	.0023415	.51243	.003474	.0015912
%RSD	.3673893	1.411155	.4569286	.5325922	.1139797	.4816274

#1	.6229041	.0206379	.5128768	96.67256	3.051170	.3305291
#2	.6261988	.0212085	.5099230	96.31182	3.044225	.3287180
#3	.6217934	.0207955	.5145470	95.66142	3.047523	.3318898

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	16.42707	F 3162.530	F 144.7488	35.43849	1.391487	.0147872
Stddev	.08873	13.214	.1667	.11730	.006956	.0021312
%RSD	.5401225	.4178247	.1151757	.3309864	.4999050	14.41267

#1	16.39875	3158.900	144.9052	35.53583	1.390632	.0140118
#2	16.52650	3177.179	144.7679	35.47139	1.384998	.0171976
#3	16.35596	3151.510	144.5734	35.30826	1.398831	.0131522

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	34.43372	.0597422	F 95.29629	41.16250	1.494068	^ *****
Stddev	.11318	.0042008	.83230	.17340	.036707	-----
%RSD	.3286993	7.031566	.8733830	.4212557	2.456817	-----

#1	34.47193	.0549747	95.23164	41.18632	1.456012	^ -----
#2	34.52285	.0613513	96.15903	41.32276	1.496934	^ -----
#3	34.30638	.0629006	94.49820	40.97842	1.529257	^ -----

Sample Name: I3964-15 Acquired: 7/10/2017 16:15:43 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v56) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: ME7FC3 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1229524	-1.85858	7.621333	1.662527	1.526896	.2060035
Stddev	.0015217	.02220	.029440	.013357	.004982	.0004708
%RSD	1.237649	1.194282	.3862847	.8034099	.3262676	.2285345

#1	.1229349	-1.88395	7.654018	1.659000	1.526866	.2065018
#2	.1214395	-1.84270	7.596899	1.651287	1.531893	.2059426
#3	.1244828	-1.84910	7.613082	1.677293	1.521930	.2055661

Elem	Sr4077
Units	ppm
Avg	.3164607
Stddev	.0015584
%RSD	.4924442

#1	.3170951
#2	.3176019
#3	.3146852

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	893.7425	1472.520	38991.60	4877.949	1876.654
Stddev	8.3363	8.217	103.73	11.792	6.426
%RSD	.9327417	.5580415	.2660263	.2417460	.3424132

#1	891.8797	1480.607	38988.49	4865.356	1880.241
#2	886.4951	1472.776	38889.46	4879.763	1880.486
#3	902.8526	1464.179	39096.85	4888.730	1869.235

Sample Name: I3964-16 Acquired: 7/10/2017 16:19:48 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v56) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: ME7FC4 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.4521276	-.594048	22.39634	-.883608	.1103949	56.75598
Stddev	.0153428	.002015	.11390	.013609	.0064807	.29994
%RSD	3.393461	.3391587	.5085647	1.540183	5.870504	.5284665

#1	.4354917	-.592914	22.41148	-.895683	.1070071	56.40968
#2	.4657216	-.592855	22.27562	-.868861	.1063102	56.92481
#3	.4551695	-.596374	22.50190	-.886280	.1178674	56.93345

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.189463	.0195566	.8077956	195.4809	2.671885	.3205599
Stddev	.006927	.0001299	.0042998	1.0552	.012799	.0008642
%RSD	.5823759	.6643111	.5322890	.5397989	.4790354	.2695770

#1	1.181553	.0194956	.8092153	194.3931	2.680617	.3195622
#2	1.194443	.0194683	.8029655	195.5494	2.657193	.3210752
#3	1.192394	.0197058	.8112061	196.5002	2.677846	.3210422

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	17.04241	F 2955.361	F 163.4538	94.43865	1.453996	.0416174
Stddev	.07666	8.367	.6594	.71458	.006363	.0007587
%RSD	.4498293	.2831245	.4033906	.7566576	.4375888	1.823153

#1	16.95402	2947.564	162.8571	93.69510	1.453422	.0411405
#2	17.08247	2954.319	163.3426	94.50062	1.447939	.0424923
#3	17.09075	2964.201	164.1616	95.12022	1.460626	.0412193

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	29.45139	.0408490	F 58.33537	43.80061	2.321597	^ *****
Stddev	.20665	.0043617	.60710	.31392	.014972	-----
%RSD	.7016648	10.67753	1.040704	.7167059	.6449124	-----

#1	29.30161	.0437440	58.17353	43.45752	2.334353	^ -----
#2	29.68715	.0358325	57.82560	44.07347	2.305113	^ -----
#3	29.36541	.0429707	59.00699	43.87085	2.325325	^ -----

Sample Name: I3964-16 Acquired: 7/10/2017 16:19:48 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v56) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: ME7FC4 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1422248	-1.26734	7.629311	1.763996	1.792074	.3431898
Stddev	.0006356	.01999	.038318	.012306	.010945	.0004912
%RSD	.4469143	1.577156	.5022494	.6976200	.6107387	.1431364

#1	.1421431	-1.24601	7.585541	1.772395	1.781108	.3427361
#2	.1416340	-1.28564	7.656802	1.749870	1.792117	.3437115
#3	.1428974	-1.27038	7.645590	1.769722	1.802998	.3431219

Elem	Sr4077
Units	ppm
Avg	.4559866
Stddev	.0024025
%RSD	.5268843

#1	.4532821
#2	.4578739
#3	.4568038

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	887.9428	1417.042	38886.81	4843.823	1842.616
Stddev	5.4169	3.365	45.62	12.183	7.165
%RSD	.6100526	.2374681	.1173110	.2515138	.3888229

#1	892.2586	1413.425	38855.40	4856.589	1839.403
#2	889.7059	1420.080	38939.13	4832.322	1850.825
#3	881.8640	1417.621	38865.89	4842.559	1837.621

Sample Name: I3964-17 Acquired: 7/10/2017 16:26:57 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v56) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: ME7FC5 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0564575	-.013158	.0973140	-.021364	.0001067	34.53504	.1715115
Stddev	.0027478	.000677	.0009394	.002375	.0020259	.05640	.0002135
%RSD	4.866953	5.143692	.9653040	11.11692	1898.593	.1633263	.1244712

#1	.0568088	-.013473	.0978839	-.022808	-.002213	34.49981	.1717551
#2	.0535510	-.013620	.0978284	-.022661	.001529	34.50523	.1713570
#3	.0590127	-.012381	.0962298	-.018623	.001004	34.60010	.1714223

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0026427	.0071918	7.325253	.0742734	.0330353	.1051054	120.5302
Stddev	.0000526	.0001329	.015724	.0003127	.0002108	.0017728	.0226
%RSD	1.992011	1.848290	.2146539	.4209731	.6380506	1.686660	.0187306

#1	.0026638	.0071501	7.307736	.0740522	.0332484	.1068155	120.5213
#2	.0026816	.0070847	7.329874	.0741369	.0328270	.1052247	120.5134
#3	.0025828	.0073406	7.338148	.0746311	.0330304	.1032760	120.5559

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.592684	8.954224	.0767360	-.001086	.5793886	.0880532	.3529988
Stddev	.001095	.058636	.0006141	.000214	.1541578	.0021330	.0133488
%RSD	.0422169	.6548392	.8002402	19.68181	26.60698	2.422378	3.781548

#1	2.592961	8.901070	.0766598	-.001188	.7036683	.0875661	.3376439
#2	2.591478	8.944480	.0761636	-.000840	.6276145	.0903875	.3618430
#3	2.593614	9.017121	.0773847	-.001229	.4068832	.0862059	.3595096

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.898045	1.575240	-.277352	.0082016	.2405467	7.326277	.0102080
Stddev	.030611	.018499	.002923	.0002338	.0014172	.016217	.0007452
%RSD	1.612755	1.174339	1.053931	2.850571	.5891570	.2213557	7.300385

#1	1.891782	1.579495	-.274042	.0083911	.2418862	7.311485	.0108607
#2	1.871050	1.554984	-.279578	.0079404	.2406911	7.323728	.0093960
#3	1.931303	1.591239	-.278437	.0082734	.2390628	7.343618	.0103672

Sample Name: I3964-17 Acquired: 7/10/2017 16:26:57 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v56) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: ME7FC5 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.8777303	.0273487	.0388495
Stddev	.0002155	.0002677	.0000697
%RSD	.0245540	.9788813	.1793142

#1	.8777116	.0270423	.0389001
#2	.8775247	.0274662	.0388783
#3	.8779545	.0275375	.0387700

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1219.263	1771.653	48424.94	5700.843	3022.616
Stddev	2.324	3.876	25.19	8.079	7.520
%RSD	.1906331	.2187865	.0520118	.1417078	.2488041

#1	1221.211	1772.307	48432.55	5702.756	3017.149
#2	1216.690	1775.160	48445.44	5707.794	3031.192
#3	1219.886	1767.491	48396.82	5691.980	3019.506

Sample Name: CCV088 Acquired: 7/10/2017 16:31:01 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v56) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: CCV088 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.971897	4.793915	24.34643	4.888626	4.941554	408.3575
Stddev	.002812	.009488	.02095	.013402	.011208	4.7025
%RSD	.0565559	.1979227	.0860446	.2741481	.2268069	1.151555

#1	4.974318	4.786943	24.36479	4.900627	4.930961	405.1248
#2	4.968813	4.790082	24.32361	4.891087	4.953289	406.1955
#3	4.972560	4.804721	24.35089	4.874164	4.940412	413.7521

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	9.958693	.4989165	2.498524	408.4058	15.25921	2.512056
Stddev	.168418	.0059621	.004689	5.0001	.17997	.006303
%RSD	1.691168	1.194999	.1876695	1.224286	1.179425	.2509257

#1	9.826133	.4947415	2.503291	404.5968	15.07357	2.519056
#2	9.901742	.4962634	2.493917	406.5527	15.27113	2.510281
#3	10.14820	.5057446	2.498364	414.0679	15.43292	2.506830

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	15.24476	408.0677	14.83480	408.4298	2.457470	1.321766
Stddev	.17358	4.7669	.15853	4.2348	.003299	.016642
%RSD	1.138640	1.168160	1.068612	1.036838	.1342356	1.259092

#1	15.12716	404.5751	14.71920	405.9881	2.461277	1.307150
#2	15.16300	406.1297	14.76968	405.9817	2.455675	1.318270
#3	15.44413	413.4984	15.01551	413.3197	2.455458	1.339879

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	409.6233	2.456128	15.14847	153.7200	5.261621	F 4.308713
Stddev	4.7899	.037332	.13868	1.7549	.009517	.045140
%RSD	1.169338	1.519953	.9154654	1.141602	.1808840	1.047636

#1	406.0863	2.433450	15.00397	152.3217	5.251076	4.285744
#2	407.7095	2.435718	15.16098	153.1490	5.264211	4.279677
#3	415.0742	2.499215	15.28048	155.6893	5.269575	4.360718

Sample Name: CCV088 Acquired: 7/10/2017 16:31:01 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v56) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: CCV088 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.888787	5.076089	4.934338	4.884984	4.991953	5.153916
Stddev	.002715	.010280	.042140	.006523	.064081	.062067
%RSD	.0555292	.2025151	.8540090	.1335393	1.283686	1.204273

#1	4.891510	5.077825	4.905223	4.881762	4.946197	5.101620
#2	4.888769	5.065052	4.915132	4.880698	4.964470	5.137623
#3	4.886081	5.085391	4.982660	4.892491	5.065191	5.222504

Elem	Sr4077
Units	ppm
Avg	5.039976
Stddev	.063927
%RSD	1.268400

#1	4.991862
#2	5.015552
#3	5.112514

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	959.6261	1415.616	38803.98	4969.365	2109.711
Stddev	5.8021	1.956	353.64	44.412	3.779
%RSD	.6046222	.1381780	.9113558	.8937208	.1791191

#1	964.5321	1414.630	39179.49	4992.995	2106.280
#2	961.1244	1414.349	38755.18	4996.967	2109.091
#3	953.2218	1417.869	38477.27	4918.134	2113.762

Sample Name: CCB088 Acquired: 7/10/2017 16:35:07 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v56) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: CCB088 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000025	.0007282	.0007009	.0007303	-.000532	.0072495	-.001318
Stddev	.002212	.0026579	.0011184	.0050603	.000593	.0058792	.000416
%RSD	8805.870	365.0120	159.5648	692.9123	111.4682	81.09902	31.59790

#1	.002517	.0018146	.0013674	-.003291	-.001214	.0069939	-.001025
#2	-.001087	-.002301	.0013256	.006412	-.000139	.0132523	-.001134
#3	-.001506	.002671	-.000590	-.000930	-.000243	.0015022	-.001794

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0000773	.0000798	.0179376	.0003810	-.000016	.0018270	.0196040
Stddev	.0000468	.0000627	.0109558	.0005556	.000166	.0010057	.0167400
%RSD	60.61729	78.55723	61.07747	145.8127	1020.511	55.04597	85.39076

#1	.0000868	.0000417	.0080393	.0006911	-.000150	.0023379	.0003134
#2	.0001186	.0001521	.0297094	-.000260	-.000068	.0024747	.0303139
#3	.0000264	.0000455	.0160642	.000712	.000169	.0006684	.0281846

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0001873	.0108773	.0001566	-.000052	.0013926	-.000119	.0094786
Stddev	.0002344	.0338504	.0001639	.000112	.0158855	.002774	.0060226
%RSD	125.1320	311.2021	104.6790	215.4508	1140.710	2330.843	63.53854

#1	.0000195	.0024275	.0002025	-.000162	-.007591	.001924	.0027074
#2	.0004552	-.017948	.0002925	.000062	-.007966	.000997	.0142370
#3	.0000873	.048152	-.000025	-.000056	.019734	-.003278	.0114914

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0138932	.0000153	.0087240	.0006257	.0005461	-.001646	.0000751
Stddev	.0101283	.0017123	.0007097	.0001837	.0030881	.000825	.0001418
%RSD	72.90068	11192.59	8.135618	29.36022	565.4606	50.09672	188.8127

#1	.0021992	.0019783	.0092868	.0008368	-.002157	-.000717	.0001560
#2	.0196061	-.001172	.0089585	.0005384	-.000117	-.001931	.0001579
#3	.0198745	-.000761	.0079267	.0005020	.003912	-.002291	-.000089

Sample Name: CCB088 Acquired: 7/10/2017 16:35:07 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v56) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: CCB088 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.0010752	.0014915	.0000982
Stddev	.0008324	.0001220	.0000620
%RSD	77.42043	8.177706	63.16145

#1	.0016370	.0014230	.0000479
#2	.0001189	.0014191	.0000791
#3	.0014698	.0016323	.0001675

Int. Std.	Y_ 2243	Y_ 2243	Y_ 3600	Y_ 3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1187.437	1732.839	46449.72	5369.791	3285.907
Stddev	2.788	4.941	94.01	5.963	4.953
%RSD	.2348222	.2851463	.2023861	.1110465	.1507200

#1	1184.339	1737.855	46470.39	5368.864	3289.417
#2	1189.747	1732.686	46531.66	5364.345	3280.242
#3	1188.223	1727.976	46347.09	5376.163	3288.062

Sample Name: I3964-18 Acquired: 7/10/2017 16:39:17 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v56) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: ME7FC6 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0324084	-.033637	.2797942	-.040631	.0024917	83.58648	.9788569
Stddev	.0045229	.001827	.0028784	.001101	.0005261	.39300	.0054089
%RSD	13.95595	5.432328	1.028768	2.708553	21.11188	.4701749	.5525708

#1	.0345987	-.032907	.2790060	-.040907	.0018847	83.21934	.9746724
#2	.0354192	-.035716	.2773920	-.039418	.0027762	84.00104	.9849645
#3	.0272073	-.032287	.2829847	-.041567	.0028143	83.53905	.9769337

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0072663	.0169457	120.9190	.1098641	.0287414	.4608885	205.2950
Stddev	.0001255	.0001824	.4335	.0015191	.0002763	.0031777	.8904
%RSD	1.726703	1.076229	.3585333	1.382675	.9611888	.6894796	.4336930

#1	.0071260	.0167476	120.7352	.1095833	.0284253	.4574106	204.7931
#2	.0073052	.0169831	120.6077	.1115040	.0289365	.4616144	204.7690
#3	.0073678	.0171066	121.4142	.1085050	.0288623	.4636404	206.3230

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.330928	40.01023	.1046516	.0000799	4.534275	.0624506	1.552127
Stddev	.005041	.35645	.0006156	.0001452	.171818	.0011531	.023295
%RSD	.2162697	.8908875	.5882512	181.6954	3.789315	1.846350	1.500875

#1	2.328231	39.63083	.1041245	.0002219	4.494049	.0626782	1.547551
#2	2.327808	40.06176	.1053282	.0000863	4.722637	.0634728	1.577371
#3	2.336743	40.33811	.1045021	-.000068	4.386139	.0612007	1.531459

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.541624	4.065661	-.420875	.0056540	7.761128	13.88097	.0313481
Stddev	.062095	.034761	.001517	.0002861	.067402	.07135	.0011238
%RSD	1.120516	.8549908	.3603478	5.059570	.8684620	.5140485	3.584813

#1	5.479985	4.031161	-.419625	.0056900	7.699442	13.80118	.0301971
#2	5.604165	4.065143	-.420438	.0059204	7.750873	13.93866	.0324424
#3	5.540723	4.100678	-.422562	.0053517	7.833071	13.90308	.0314050

Sample Name: I3964-18 Acquired: 7/10/2017 16:39:17 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v56) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: ME7FC6 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.3425776	.0504660	.6589304
Stddev	.0018174	.0007564	.0022339
%RSD	.5304958	1.498924	.3390245

#1	.3411679	.0497783	.6571399
#2	.3419361	.0512762	.6614338
#3	.3446286	.0503436	.6582176

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1204.464	1782.803	49260.38	5991.005	2616.697
Stddev	12.926	7.261	574.33	21.465	4.952
%RSD	1.073149	.4073069	1.165911	.3582882	.1892341

#1	1206.568	1775.653	49454.30	6015.219	2613.801
#2	1190.615	1790.171	48614.18	5983.485	2622.415
#3	1216.208	1782.586	49712.64	5974.312	2613.876

Sample Name: I4046-01 Acquired: 7/10/2017 16:51:38 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v56) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MH0AB6 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0685406	-.015981	.3241859	-.018322	.0021608	80.24391
Stddev	.0013227	.001863	.0027413	.004344	.0024511	.20933
%RSD	1.929730	11.65972	.8455851	23.71126	113.4383	.2608721

#1	.0670322	-.014130	.3240480	-.013629	-.000656	80.03076
#2	.0695023	-.015957	.3215161	-.022204	.003330	80.25175
#3	.0690872	-.017856	.3269935	-.019133	.003808	80.44921

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.120723	.0047869	.0141976	F 860.8924	.1185132	.0425924
Stddev	.000321	.0001331	.0001387	4.0217	.0008688	.0005197
%RSD	.0285996	2.781247	.9769167	.4671525	.7330740	1.220240

#1	1.120455	.0049136	.0143255	856.4193	.1188103	.0420405
#2	1.120636	.0046481	.0140502	862.0485	.1191946	.0426642
#3	1.121078	.0047990	.0142172	864.2094	.1175349	.0430724

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.3243147	112.8757	3.244710	201.2928	.1050153	-.000770
Stddev	.0006821	.3831	.012100	.8110	.0017273	.000038
%RSD	.2103188	.3394175	.3729033	.4028837	1.644846	4.992721

#1	.3235368	112.4429	3.230928	200.4167	.1041033	-.000783
#2	.3248108	113.0130	3.249615	201.4445	.1039350	-.000801
#3	.3245963	113.1713	3.253586	202.0172	.1070075	-.000727

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	45.06004	.1473188	.7392167	41.87551	13.61534	.0964987
Stddev	.06254	.0022257	.0090984	.06008	.17677	.0006702
%RSD	.1387921	1.510817	1.230817	.1434824	1.298331	.6945557

#1	45.07032	.1463854	.7344259	41.93344	13.54632	.0957956
#2	44.99300	.1498593	.7497095	41.81349	13.48350	.0965699
#3	45.11680	.1457119	.7335147	41.87961	13.81621	.0971304

Sample Name: I4046-01 Acquired: 7/10/2017 16:51:38 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v56) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MH0AB6 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0067609	5.122619	5.352684	.0058483	2.313261	.5141337
Stddev	.0002760	.038412	.022109	.0010052	.005512	.0022948
%RSD	4.082552	.7498549	.4130447	17.18731	.2382788	.4463424

#1	.0069767	5.111126	5.333944	.0047264	2.308066	.5115238
#2	.0068560	5.091266	5.347040	.0061516	2.312674	.5150414
#3	.0064499	5.165466	5.377068	.0066669	2.319044	.5158357

Elem	Sr4077
Units	ppm
Avg	2.365705
Stddev	.003918
%RSD	.1656229

#1	2.362504
#2	2.364537
#3	2.370074

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1109.697	1588.196	43927.19	5482.209	2208.033
Stddev	3.711	14.052	32.19	19.286	19.440
%RSD	.3343903	.8847750	.0732692	.3517837	.8804042

#1	1105.940	1599.680	43931.81	5501.312	2219.520
#2	1113.360	1592.381	43892.95	5482.570	2218.990
#3	1109.790	1572.527	43956.82	5462.746	2185.588

Sample Name: I4046-02 Acquired: 7/10/2017 16:55:40 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v56) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MH0AB7 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1071556	-.014868	.2420411	-.029949	.0017632	89.28092	1.104708
Stddev	.0049321	.001263	.0078963	.002075	.0007921	.51327	.005102
%RSD	4.602705	8.496491	3.262387	6.927122	44.92428	.5748921	.4618317

#1	.1123724	-.016227	.2511363	-.031040	.0008837	88.69106	1.099443
#2	.1065256	-.014647	.2369371	-.027557	.0024205	89.62576	1.105051
#3	.1025689	-.013730	.2380499	-.031251	.0019853	89.52596	1.109630

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0060218	.0156631	763.7019	.1404935	.0623181	.2957692	136.6745
Stddev	.0001047	.0003643	4.3333	.0004088	.0009149	.0011723	.6636
%RSD	1.738499	2.325932	.5674026	.2910015	1.468073	.3963481	.4854980

#1	.0059160	.0160172	759.3027	.1400314	.0633376	.2952647	136.0041
#2	.0061254	.0152894	767.9661	.1406407	.0615687	.2949336	137.3310
#3	.0060239	.0156829	763.8370	.1408083	.0620481	.2971092	136.6885

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	3.048740	104.0322	.1375844	-.001292	6.218294	.2038917	.6032334
Stddev	.010362	.2509	.0027877	.000409	.147565	.0032213	.0285742
%RSD	.3398787	.2412049	2.026211	31.64449	2.373075	1.579904	4.736834

#1	3.037524	103.7465	.1407384	-.000820	6.047902	.2047647	.5819941
#2	3.057956	104.1338	.1365649	-.001544	6.302948	.2065865	.6357197
#3	3.050741	104.2165	.1354499	-.001513	6.304032	.2003239	.5919864

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	26.89209	15.81925	-.250071	.0185317	2.165646	4.996533	.0084794
Stddev	.07090	.30124	.001637	.0008173	.041211	.025603	.0013987
%RSD	.2636309	1.904290	.6544560	4.410527	1.902937	.5124160	16.49562

#1	26.81604	16.16696	-.249390	.0187175	2.211699	4.976408	.0092056
#2	26.90389	15.65378	-.251938	.0176374	2.132243	5.025350	.0068669
#3	26.95635	15.63700	-.248884	.0192401	2.152995	4.987839	.0093657

Sample Name: I4046-02 Acquired: 7/10/2017 16:55:40 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v56) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MH0AB7 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	2.078911	.2258145	1.312840
Stddev	.017611	.0015452	.004318
%RSD	.8471357	.6842641	.3288681

#1	2.058577	.2240305	1.307907
#2	2.088816	.2267272	1.315931
#3	2.089339	.2266859	1.314682

Int. Std.	Y_ 2243	Y_ 2243	Y_ 3600	Y_ 3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1159.760	1649.907	45990.21	5669.699	2243.229
Stddev	10.276	21.048	309.87	20.516	32.537
%RSD	.8860697	1.275697	.6737809	.3618467	1.450442

#1	1171.613	1638.378	46322.37	5691.376	2210.643
#2	1153.347	1674.200	45939.34	5650.586	2275.717
#3	1154.321	1637.142	45708.92	5667.136	2243.328

Sample Name: I4046-03 Acquired: 7/10/2017 16:59:43 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v56) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MH0AB8 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1536351	-.013488	.3627012	-.028325	.0048093	100.7915	1.533426
Stddev	.0044778	.001374	.0064663	.003693	.0001789	3.0949	.045642
%RSD	2.914581	10.18626	1.782821	13.03763	3.718773	3.070640	2.976447

#1	.1567414	-.012439	.3600810	-.028738	.0049975	99.3659	1.507839
#2	.1556617	-.012983	.3579563	-.024443	.0046416	104.3423	1.586121
#3	.1485023	-.015043	.3700664	-.031794	.0047889	98.6662	1.506319

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0070997	.0167737	661.6575	.2140512	.0698815	5.108296	154.1314
Stddev	.0002039	.0003234	23.4031	.0011728	.0008613	.146372	5.4435
%RSD	2.872079	1.928079	3.537043	.5478806	1.232515	2.865388	3.531737

#1	.0071228	.0168312	653.7905	.2144286	.0691599	5.037042	152.3243
#2	.0072910	.0164253	687.9805	.2127362	.0696496	5.276652	160.2486
#3	.0068852	.0170644	643.2016	.2149888	.0708350	5.011193	149.8212

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.919803	120.3193	.1828799	.0014286	2.426747	.2573097	.7506060
Stddev	.103237	3.8893	.0005165	.0004824	.065103	.0071113	.0032205
%RSD	3.535739	3.232521	.2824015	33.76531	2.682745	2.763723	.4290500

#1	2.882818	118.9173	.1827926	.0014793	2.401130	.2561629	.7468875
#2	3.036437	124.7153	.1824126	.0018835	2.500763	.2649247	.7524360
#3	2.840153	117.3253	.1834344	.0009228	2.378349	.2508415	.7524946

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	39.27393	14.94258	-.296421	.1137782	15.44445	5.305059	.0155019
Stddev	1.16874	.15794	.009280	.0001790	.13053	.153961	.0017402
%RSD	2.975866	1.056978	3.130535	.1573142	.8451316	2.902146	11.22575

#1	38.76029	14.77364	-.293999	.1137579	15.29378	5.249535	.0150037
#2	40.61152	15.08654	-.306671	.1136102	15.52308	5.479080	.0174369
#3	38.44996	14.96757	-.288592	.1139665	15.51650	5.186563	.0140651

Sample Name: I4046-03 Acquired: 7/10/2017 16:59:43 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v56) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MH0AB8 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	3.197571	.1643205	1.001681
Stddev	.104556	.0042642	.031273
%RSD	3.269842	2.595060	3.122035

#1	3.153152	.1620775	.986912
#2	3.317002	.1692381	1.037603
#3	3.122559	.1616459	.980528

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1154.236	1653.294	45780.69	5546.549	2273.895
Stddev	7.713	11.948	59.35	164.754	17.011
%RSD	.6682154	.7226698	.1296441	2.970395	.7481066

#1	1157.085	1660.775	45843.49	5605.070	2287.061
#2	1145.505	1659.592	45773.05	5360.523	2279.936
#3	1160.120	1639.515	45725.52	5674.055	2254.688

Sample Name: I4046-04 Acquired: 7/10/2017 17:03:43 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v56) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MH0AB9 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1258012	-.021329	1.412356	-.038686	.0046349	92.86305	1.419160
Stddev	.0033456	.001911	.041319	.000637	.0007612	3.63703	.058690
%RSD	2.659440	8.961021	2.925517	1.646744	16.42384	3.916555	4.135525

#1	.1273552	-.023213	1.460008	-.038844	.0044844	92.39582	1.414358
#2	.1219612	-.021384	1.386493	-.037985	.0039602	89.48221	1.363019
#3	.1280871	-.019392	1.390565	-.039230	.0054601	96.71112	1.480103

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0063845	.0277289	582.3246	.1777902	.0705936	1.109113	174.9455
Stddev	.0001854	.0010787	21.7164	.0043466	.0020185	.044655	6.5721
%RSD	2.904519	3.890210	3.729254	2.444799	2.859376	4.026211	3.756641

#1	.0062540	.0289283	576.6545	.1759836	.0729240	1.105649	173.3729
#2	.0063028	.0274202	564.0058	.1746381	.0694643	1.066291	169.3024
#3	.0065968	.0268382	606.3136	.1827487	.0693924	1.155400	182.1612

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	3.770453	140.5393	.1716151	.0002333	3.334387	.2014024	3.395984
Stddev	.135727	5.1617	.0047941	.0004658	.091775	.0085786	.080077
%RSD	3.599741	3.672780	2.793539	199.6776	2.752390	4.259449	2.357979

#1	3.728086	139.8288	.1771236	.0004015	3.312698	.1979760	3.353972
#2	3.660964	135.7696	.1683852	-.000293	3.255399	.1950665	3.345656
#3	3.922310	146.0194	.1693366	.000591	3.435064	.2111647	3.488323

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	36.39603	13.92443	-.278755	.0247301	4.483516	6.599875	.0642121
Stddev	1.46242	.46947	.011350	.0002602	.152262	.245599	.0042985
%RSD	4.018074	3.371590	4.071628	1.052070	3.396039	3.721262	6.694195

#1	36.28681	14.46653	-.275897	.0250242	4.659323	6.548880	.0691580
#2	34.99129	13.65324	-.269107	.0245300	4.393975	6.383776	.0621002
#3	37.91000	13.65352	-.291260	.0246359	4.397251	6.866967	.0613781

Sample Name: I4046-04 Acquired: 7/10/2017 17:03:43 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v56) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MH0AB9 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	2.781953	.2858179	1.462035
Stddev	.106127	.0106128	.056947
%RSD	3.814854	3.713119	3.895079

#1	2.756748	.2855177	1.455685
#2	2.690698	.2753584	1.408529
#3	2.898414	.2965776	1.521891

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1116.993	1593.846	44691.42	5600.592	2201.761
Stddev	24.273	37.433	914.90	174.582	62.330
%RSD	2.173090	2.348625	2.047148	3.117208	2.830894

#1	1122.283	1550.663	45053.12	5624.471	2129.813
#2	1138.184	1613.802	45370.18	5762.006	2239.328
#3	1090.510	1617.074	43650.97	5415.300	2236.142

Sample Name: I4046-05 Acquired: 7/10/2017 17:07:46 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v56) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MH0AC1 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.2158609	-.018914	3.415543	-.018127	.0093726	48.85037	.9589483
Stddev	.0087738	.002796	.126301	.003083	.0014612	.09253	.0027010
%RSD	4.064552	14.78170	3.697830	17.00969	15.59003	.1894186	.2816574

#1	.2172185	-.016393	3.455022	-.019563	.0089574	48.82077	.9590515
#2	.2064874	-.018429	3.274218	-.014587	.0081640	48.77626	.9561972
#3	.2238767	-.021921	3.517389	-.020230	.0109965	48.95408	.9615961

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0022840	.0135099	487.5799	.1338843	.0347925	.5800329	129.3956
Stddev	.0000465	.0004555	1.5636	.0006770	.0017378	.0017389	.4948
%RSD	2.034492	3.371269	.3206929	.5056561	4.994802	.2997981	.3823758

#1	.0022784	.0138206	485.8706	.1346016	.0353573	.5807337	128.9777
#2	.0022405	.0129871	487.9311	.1337946	.0328425	.5780530	129.2672
#3	.0023330	.0137221	488.9382	.1332565	.0361777	.5813121	129.9419

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.737105	165.3125	.1018923	.0009024	5.665426	.1177509	10.02806
Stddev	.003629	.7976	.0037265	.0000830	.139460	.0028271	.17756
%RSD	.2089064	.4824866	3.657300	9.201952	2.461606	2.400930	1.770630

#1	1.733594	164.7692	.1021125	.0008076	5.539124	.1192072	10.02569
#2	1.736881	164.9401	.0980605	.0009622	5.642061	.1195530	9.85170
#3	1.740841	166.2282	.1055038	.0009373	5.815093	.1144925	10.20679

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	12.06644	14.01044	-.244508	.0656171	6.428028	4.486307	.0217658
Stddev	.06952	.58317	.001590	.0019303	.260012	.007692	.0021818
%RSD	.5761670	4.162392	.6504003	2.941745	4.044966	.1714595	10.02402

#1	12.01567	14.17815	-.246006	.0661584	6.533735	4.479121	.0231090
#2	12.03798	13.36179	-.244680	.0634739	6.131812	4.485378	.0192484
#3	12.14568	14.49137	-.242839	.0672189	6.618538	4.494421	.0229401

Sample Name: I4046-05 Acquired: 7/10/2017 17:07:46 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v56) Mode: CONC Corr. Factor: 1.000000
 User: JASWAL Custom ID1: MH0AC1 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	1.384452	.1068481	1.019158
Stddev	.004828	.0007433	.003446
%RSD	.3487232	.6956518	.3381598

#1	1.380052	.1069126	1.019075
#2	1.383688	.1060747	1.015754
#3	1.389617	.1075571	1.022646

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1082.840	1570.716	43776.97	5415.307	2366.799
Stddev	17.574	50.085	305.16	10.230	85.665
%RSD	1.622980	3.188657	.6970680	.1889067	3.619456

#1	1078.032	1556.406	43538.09	5422.223	2341.155
#2	1102.318	1626.398	44120.74	5420.142	2462.357
#3	1068.170	1529.343	43672.08	5403.556	2296.884

Sample Name: I4046-06 Acquired: 7/10/2017 17:11:47 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v56) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MH0AC2 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0968262	-.011567	.2495166	-.013219	.0005622	61.11608	.7579485
Stddev	.0099891	.002039	.0096503	.002159	.0005873	.89278	.0104292
%RSD	10.31650	17.62646	3.867592	16.33068	104.4606	1.460789	1.375975

#1	.0955095	-.013054	.2395305	-.015711	.0008406	60.78225	.7550467
#2	.0875607	-.012403	.2502276	-.011974	.0009585	62.12766	.7695213
#3	.1074083	-.009243	.2587917	-.011971	-.000113	60.43832	.7492776

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0037545	.0097087	444.6641	.0921397	.0332973	.2778846	91.94196
Stddev	.0000937	.0003630	5.0302	.0039340	.0010458	.0058283	.97722
%RSD	2.495815	3.738419	1.131226	4.269552	3.140847	2.097376	1.062871

#1	.0037845	.0095523	440.3748	.0897463	.0324230	.2767416	91.32232
#2	.0038296	.0094501	450.2004	.0966800	.0330131	.2841997	93.06848
#3	.0036495	.0101236	443.4169	.0899927	.0344559	.2727125	91.43508

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.158083	84.56273	.0806840	-.000792	25.82477	.1352518	.5287034
Stddev	.020145	1.08492	.0025533	.000324	.49452	.0020050	.0169546
%RSD	.9334719	1.282981	3.164514	40.85332	1.914902	1.482444	3.206829

#1	2.142578	83.98995	.0784468	-.000434	25.65692	.1339282	.5190320
#2	2.180853	85.81401	.0801397	-.001063	26.38136	.1342686	.5482804
#3	2.150818	83.88424	.0834656	-.000878	25.43602	.1375586	.5187977

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	27.15872	9.243069	-.027188	.0220095	11.98458	6.457596	.0099278
Stddev	.51113	.353189	.002123	.0010291	.43825	.120302	.0004853
%RSD	1.881993	3.821118	7.806760	4.675671	3.656821	1.862949	4.888608

#1	27.00430	9.011125	-.025505	.0208663	11.68427	6.379196	.0102316
#2	27.72925	9.068536	-.026488	.0223000	11.78200	6.596107	.0093680
#3	26.74261	9.649547	-.029573	.0228620	12.48748	6.397485	.0101837

Sample Name: I4046-06 Acquired: 7/10/2017 17:11:47 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v56) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MH0AC2 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	1.813559	.1938148	1.165769
Stddev	.021181	.0038044	.016364
%RSD	1.167931	1.962907	1.403689

#1	1.797982	.1933583	1.160757
#2	1.837678	.1978269	1.184053
#3	1.805018	.1902593	1.152498

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1074.887	1546.427	43269.07	5370.842	2345.090
Stddev	37.785	45.535	1511.90	64.075	75.033
%RSD	3.515213	2.944546	3.494174	1.193018	3.199566

#1	1094.766	1575.237	43978.61	5387.891	2398.118
#2	1031.312	1570.114	41532.91	5299.967	2377.913
#3	1098.582	1493.931	44295.70	5424.668	2259.239

Sample Name: I4046-07 Acquired: 7/10/2017 17:15:47 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v56) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MH0AC3 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0623898	-.000279	.1518187	-.006295	.0008334	45.84047	1.710120
Stddev	.0137793	.001535	.0289573	.004409	.0004453	1.18151	.038964
%RSD	22.08572	550.8491	19.07363	70.03740	53.43724	2.577446	2.278452

#1	.0766737	-.002044	.1845074	-.008380	.0003318	47.19574	1.755061
#2	.0613180	.000733	.1415667	-.009274	.0009862	45.29852	1.689502
#3	.0491778	.000476	.1293821	-.001230	.0011822	45.02716	1.685796

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0030682	.0049454	563.4964	.0926584	.0151720	.4495874	77.46793
Stddev	.0000321	.0012957	10.7139	.0082372	.0030296	.0124847	1.63729
%RSD	1.045564	26.20010	1.901322	8.889872	19.96861	2.776929	2.113501

#1	.0030944	.0063715	575.8551	.1010252	.0185503	.4638153	79.35414
#2	.0030324	.0046245	557.7992	.0923928	.0142697	.4444844	76.63607
#3	.0030778	.0038404	556.8347	.0845572	.0126960	.4404625	76.41359

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.887650	111.7799	.0473420	.0003631	8.244219	.1112241	.5827615
Stddev	.039792	2.6102	.0085103	.0001713	.208837	.0054143	.0437551
%RSD	2.108025	2.335100	17.97628	47.19586	2.533135	4.867894	7.508228

#1	1.933040	114.7519	.0569704	.0001903	8.472372	.1171683	.6307764
#2	1.871139	110.7285	.0442296	.0003659	8.197762	.1099293	.5723715
#3	1.858771	109.8595	.0408259	.0005330	8.062522	.1065746	.5451367

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	17.06008	4.431608	-.068974	.0190015	6.818624	6.784012	.0030751
Stddev	.49111	.838084	.003335	.0033855	1.239510	.258162	.0016921
%RSD	2.878722	18.91150	4.835649	17.81697	18.17830	3.805453	55.02458

#1	17.61493	5.373452	-.072083	.0228418	8.215516	7.066572	.0049924
#2	16.88415	4.153251	-.069389	.0177144	6.390186	6.724995	.0024423
#3	16.68116	3.768120	-.065451	.0164483	5.850170	6.560467	.0017907

Sample Name: I4046-07 Acquired: 7/10/2017 17:15:47 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v56) Mode: CONC Corr. Factor: 1.000000
 User: JASWAL Custom ID1: MH0AC3 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	1.319969	.1686705	1.354734
Stddev	.034448	.0054862	.033274
%RSD	2.609785	3.252591	2.456096

#1	1.359518	.1749387	1.392998
#2	1.303883	.1663302	1.338602
#3	1.296506	.1647425	1.332601

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1468.853	3046.052	57396.41	6203.390	4621.245
Stddev	109.790	437.002	4208.03	135.126	669.670
%RSD	7.474532	14.34650	7.331524	2.178257	14.49112

#1	1358.674	2563.785	53260.29	6051.465	3879.133
#2	1469.636	3158.599	57256.09	6248.564	4804.124
#3	1578.250	3415.772	61672.85	6310.142	5180.478

Sample Name: I3964-15DLX10 Acquired: 7/10/2017 17:35:58 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v56) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: ME7FC3 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0465926	-.054859	2.014536	-.087998	.0142512	3.148182	.0646529
Stddev	.0007029	.001042	.005073	.002340	.0008217	.046187	.0005498
%RSD	1.508674	1.899924	.2518153	2.659166	5.765744	1.467114	.8504425

#1	.0468067	-.054979	2.015755	-.089199	.0148773	3.198640	.0652671
#2	.0458075	-.055836	2.018889	-.089494	.0145555	3.137915	.0642066
#3	.0471635	-.053762	2.008965	-.085301	.0133208	3.107993	.0644849

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0027146	.0396931	11.26951	.3553508	.0281199	1.745730	419.1132
Stddev	.0001356	.0001052	.18737	.0008766	.0002436	.003659	1.1974
%RSD	4.997068	.2650641	1.662628	.2466811	.8662737	.2095867	.2857002

#1	.0028484	.0398146	11.47874	.3556313	.0283481	1.747672	420.1802
#2	.0027184	.0396334	11.21257	.3560527	.0278633	1.748009	419.3412
#3	.0025771	.0396313	11.11721	.3543683	.0281483	1.741510	417.8182

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	17.49263	4.162912	.1455622	.0033794	3.606942	.0069265	9.936541
Stddev	.04198	.044551	.0006115	.0002104	.014221	.0027538	.100467
%RSD	.2399681	1.070194	.4200945	6.225408	.3942710	39.75774	1.011083

#1	17.51647	4.212368	.1448563	.0036068	3.600698	.0096152	10.05247
#2	17.51725	4.150450	.1459010	.0031916	3.596912	.0041119	9.87486
#3	17.44416	4.125919	.1459293	.0033399	3.623217	.0070524	9.88229

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.339049	.1325532	-.822351	.0140374	-.226148	.9271111	.1746089
Stddev	.025980	.0016554	.007484	.0002504	.004744	.0055305	.0005405
%RSD	.5987389	1.248898	.9100886	1.783993	2.097679	.5965299	.3095524

#1	4.334466	.1337709	-.830417	.0138763	-.226862	.9327588	.1742870
#2	4.367015	.1306682	-.821005	.0143260	-.230494	.9217058	.1752329
#3	4.315665	.1332205	-.815631	.0139101	-.221087	.9268686	.1743068

Sample Name: I3964-15DLX10 Acquired: 7/10/2017 17:35:58 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v56) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: ME7FC3 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.1700867	.0218849	.0347488
Stddev	.0015340	.0006728	.0003825
%RSD	.9019132	3.074373	1.100737

#1	.1718570	.0224832	.0351592
#2	.1692525	.0220150	.0346848
#3	.1691504	.0211565	.0344023

Int. Std.	Y_ 2243	Y_ 2243	Y_ 3600	Y_ 3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1066.538	1582.759	42196.03	4945.806	2760.601
Stddev	6.750	10.040	164.75	32.722	9.880
%RSD	.6329121	.6343502	.3904497	.6616131	.3578878

#1	1059.884	1571.223	42152.33	4916.169	2749.210
#2	1066.350	1589.528	42057.53	4940.326	2765.761
#3	1073.381	1587.527	42378.22	4980.922	2766.833

Sample Name: I3964-16DLX10 Acquired: 7/10/2017 17:40:02 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v56) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: ME7FC4 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0436235	-.048734	2.379644	-.073707	.0124381	5.697249	.1243189
Stddev	.0016872	.003828	.022799	.005789	.0033037	.011575	.0006117
%RSD	3.867701	7.853955	.9580803	7.853749	26.56126	.2031632	.4920426

#1	.0445704	-.044316	2.355247	-.075956	.0146932	5.702563	.1242729
#2	.0446246	-.050845	2.400409	-.078034	.0086459	5.705214	.1249523
#3	.0416755	-.051042	2.383276	-.067132	.0139751	5.683972	.1237315

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0026040	.0680124	20.49315	.3044849	.0273577	1.693421	360.5870
Stddev	.0000783	.0005143	.06424	.0013254	.0003469	.010887	1.2352
%RSD	3.008763	.7562114	.3134899	.4352763	1.267823	.6429065	.3425551

#1	.0026743	.0674473	20.47916	.3053116	.0269574	1.695029	359.6654
#2	.0026182	.0681367	20.43706	.3029562	.0275462	1.703415	360.1050
#3	.0025195	.0684531	20.56324	.3051868	.0275694	1.681819	361.9905

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	18.88228	10.11863	.1487665	.0061960	2.854501	.0087556	5.597330
Stddev	.07522	.03809	.0019690	.0003885	.075903	.0027613	.020540
%RSD	.3983860	.3764041	1.323540	6.270947	2.659053	31.53749	.3669579

#1	18.85770	10.09515	.1465246	.0058608	2.922367	.0112368	5.576765
#2	18.82241	10.16258	.1502151	.0066219	2.868599	.0057808	5.597379
#3	18.96672	10.09818	.1495598	.0061053	2.772538	.0092491	5.617845

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.267331	.1939119	-.755134	.0153754	-.165733	.8452443	.1751133
Stddev	.033703	.0037947	.005112	.0004189	.003492	.0038718	.0033656
%RSD	.7897796	1.956893	.6769519	2.724480	2.107126	.4580626	1.921955

#1	4.298092	.1905208	-.759688	.0149204	-.162662	.8495820	.1719324
#2	4.272596	.1980105	-.749604	.0157450	-.169532	.8421382	.1786373
#3	4.231306	.1932043	-.756109	.0154607	-.165004	.8440127	.1747702

Sample Name: I3964-16DLX10 Acquired: 7/10/2017 17:40:02 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v56) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: ME7FC4 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.1853971	.0329050	.0466432
Stddev	.0012372	.0005433	.0002613
%RSD	.6673242	1.651194	.5601799

#1	.1868141	.0330378	.0466709
#2	.1848462	.0333695	.0468894
#3	.1845311	.0323075	.0463691

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1098.281	1612.891	43354.40	5122.283	2814.595
Stddev	8.032	9.000	53.78	14.443	19.798
%RSD	.7313306	.5579927	.1240448	.2819703	.7033977

#1	1099.516	1623.275	43308.35	5109.108	2837.446
#2	1089.703	1607.334	43341.35	5137.726	2803.743
#3	1105.624	1608.065	43413.50	5120.016	2802.596

Sample Name: I4046-10 Acquired: 7/10/2017 17:44:05 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v56) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MH0AC4S Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1943614	.1143793	1.176711	.0634150	.2095369	93.46025	5.147780
Stddev	.0127448	.0044455	.004904	.0000522	.0048221	.62070	.035417
%RSD	6.557276	3.886614	.4167367	.0822582	2.301320	.6641345	.6879959

#1	.1985666	.1107352	1.171521	.0634633	.2149208	93.87751	5.157523
#2	.2044722	.1193323	1.181268	.0634219	.2080751	92.74695	5.108512
#3	.1800453	.1130704	1.177342	.0633597	.2056149	93.75629	5.177305

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0950504	.1299551	623.7638	.5755423	1.055259	1.540342	167.3833
Stddev	.0012340	.0014030	5.5357	.0278736	.006726	.012793	1.4135
%RSD	1.298249	1.079564	.8874665	4.843008	.6373567	.8305364	.8444497

#1	.0964408	.1283590	626.7255	.5593139	1.047640	1.544405	168.2638
#2	.0940851	.1305133	617.3774	.6077275	1.060372	1.526011	165.7529
#3	.0946255	.1309932	627.1887	.5595854	1.057764	1.550611	168.1331

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.516045	174.6563	1.143931	.0448565	3.252098	1.117618	4.648235
Stddev	.047045	1.3283	.005679	.0014616	.132848	.007755	.245429
%RSD	1.041736	.7605281	.4964527	3.258303	4.085004	.6938993	5.280040

#1	4.542257	175.4660	1.137829	.0436214	3.359371	1.111252	4.504623
#2	4.461733	173.1234	1.149061	.0464701	3.293426	1.115346	4.931623
#3	4.544146	175.3797	1.144902	.0444779	3.103498	1.126255	4.508460

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	35.10989	12.26494	-.258878	.0157379	4.094214	14.74480	.0424326
Stddev	.31179	.17815	.000897	.0000988	.045714	.10164	.0015933
%RSD	.8880269	1.452474	.3466695	.6277942	1.116552	.6893413	3.754896

#1	35.41677	12.24027	-.259645	.0158384	4.083026	14.85127	.0406433
#2	34.79342	12.45414	-.259098	.0157344	4.144484	14.73434	.0429565
#3	35.11949	12.10043	-.257891	.0156409	4.055133	14.64880	.0436980

Sample Name: I4046-10 Acquired: 7/10/2017 17:44:05 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v56) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MH0AC4S Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	2.816528	.2754912	1.383632
Stddev	.021561	.0028162	.011143
%RSD	.7655159	1.022249	.8053320

#1	2.832761	.2777588	1.391125
#2	2.792064	.2723388	1.370827
#3	2.824759	.2763758	1.388944

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1049.235	1571.101	42658.07	5371.218	2212.180
Stddev	55.411	11.245	1983.57	45.408	8.750
%RSD	5.281129	.7157310	4.649922	.8453993	.3955343

#1	1091.725	1564.629	44062.64	5335.126	2209.563
#2	986.561	1564.588	40388.96	5422.202	2205.038
#3	1069.420	1584.085	43522.61	5356.326	2221.940

Sample Name: I4046-08LX5 Acquired: 7/10/2017 17:48:00 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v56) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MH0AC4L Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0270861	-.002755	.2423266	-.008318	-.000300	18.71310	.2959414
Stddev	.0027617	.002575	.0015266	.001406	.000390	.07019	.0021969
%RSD	10.19583	93.45925	.6299664	16.90384	129.6707	.3750962	.7423384

#1	.0265211	-.004659	.2418898	-.009894	.000116	18.77995	.2984706
#2	.0300865	.000174	.2410660	-.007871	-.000362	18.71935	.2945071
#3	.0246506	-.003780	.2440239	-.007190	-.000655	18.63999	.2948464

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0014647	.0041270	136.2108	.0402991	.0120205	.2208958	37.64766
Stddev	.0000472	.0000450	.2437	.0004952	.0001218	.0008595	.13212
%RSD	3.223583	1.089742	.1789388	1.228755	1.013598	.3891138	.3509336

#1	.0014487	.0041126	135.9318	.0397806	.0119285	.2211906	37.73780
#2	.0014275	.0040909	136.3184	.0407671	.0121587	.2199277	37.70918
#3	.0015178	.0041774	136.3823	.0403496	.0119744	.2215692	37.49600

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.8012736	37.57072	.0343532	-.000182	.6823006	.0431235	.7382028
Stddev	.0016077	.11918	.0003694	.000021	.0694426	.0017072	.0167961
%RSD	.2006401	.3172211	1.075306	11.50402	10.17771	3.958954	2.275268

#1	.8000470	37.70511	.0339448	-.000165	.7624520	.0411544	.7493581
#2	.8006802	37.47783	.0344510	-.000206	.6442465	.0440271	.7188855
#3	.8030936	37.52923	.0346639	-.000176	.6402033	.0441891	.7463647

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	7.259238	2.354264	-.055608	.0034854	.8039198	2.739411	.0056610
Stddev	.049552	.007221	.000584	.0002231	.0046139	.008312	.0003359
%RSD	.6826129	.3067224	1.049320	6.400383	.5739230	.3034089	5.934264

#1	7.315492	2.346023	-.055600	.0033263	.8061898	2.739660	.0060225
#2	7.240170	2.359487	-.055028	.0037404	.7986108	2.747594	.0053584
#3	7.222052	2.357281	-.056195	.0033895	.8069591	2.730977	.0056022

Sample Name: I4046-08LX5 Acquired: 7/10/2017 17:48:00 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v56) Mode: CONC Corr. Factor: 1.000000
 User: JASWAL Custom ID1: MH0AC4L Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.5973036	.0565244	.3004253
Stddev	.0004537	.0011210	.0014546
%RSD	.0759491	1.983285	.4841881

#1	.5971379	.0570572	.3020717
#2	.5969560	.0572797	.2998899
#3	.5978168	.0552363	.2993142

Int. Std.	Y_ 2243	Y_ 2243	Y_ 3600	Y_ 3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1112.869	1620.662	43794.42	5190.418	2743.118
Stddev	13.629	1.551	165.13	25.390	5.322
%RSD	1.224703	.0957066	.3770498	.4891663	.1940240

#1	1098.311	1620.920	43604.23	5162.591	2738.698
#2	1125.325	1618.998	43901.25	5196.337	2749.026
#3	1114.972	1622.067	43877.79	5212.325	2741.631

Sample Name: PB100478BL Acquired: 7/10/2017 17:52:05 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v56) 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	.0010194	-.000314	-.000243	.0004398	-.000133	-.002233	-.003301
Stddev	.0033987	.001325	.000653	.0012108	.000378	.009134	.000539
%RSD	333.4053	421.5050	268.9566	275.3236	283.3000	409.0022	16.32329

#1	.0001724	-.000789	-.000486	.0018338	-.000563	.007893	-.003913
#2	.0047615	.001182	.000497	-.000164	.000150	-.009850	-.003096
#3	-.001876	-.001336	-.000739	-.000350	.000013	-.004743	-.002895

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0000402	-.000089	.0163050	-.000115	-.000142	.0004915	-.000183
Stddev	.0000368	.000111	.0040273	.000083	.000075	.0004814	.012065
%RSD	91.55832	124.3788	24.70001	72.56342	52.45271	97.95089	6608.405

#1	.0000164	-.000005	.0153774	-.000187	-.000069	.0010450	-.014060
#2	.0000826	-.000047	.0207152	-.000024	-.000140	.0002589	.007822
#3	.0000217	-.000216	.0128223	-.000133	-.000218	.0001705	.005690

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0001993	-.005618	-.000094	-.000145	.0138185	-.001966	-.000657
Stddev	.0002749	.009598	.000127	.000272	.0726312	.000556	.003142
%RSD	137.8984	170.8561	135.1066	187.8955	525.6087	28.27657	477.8488

#1	-.000110	-.015412	-.000180	.000147	.0659221	-.002057	.001284
#2	.000417	-.005212	-.000155	-.000190	.0446807	-.001370	.001025
#3	.000291	.003771	.000052	-.000391	-.069147	-.002471	-.004282

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.004655	-.001345	-.002596	-.000198	.0053964	-.000996	-.000357
Stddev	.012402	.000646	.000485	.000290	.0012953	.001024	.001052
%RSD	266.4050	48.01188	18.69807	146.4166	24.00365	102.8059	294.3832

#1	.002237	-.000656	-.002068	.000103	.0043204	-.000255	-.001297
#2	.002769	-.001937	-.003022	-.000220	.0050347	-.000568	.000780
#3	-.018972	-.001441	-.002699	-.000476	.0068341	-.002164	-.000556

Sample Name: PB100478BL Acquired: 7/10/2017 17:52:05 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v56) 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	.0006889	-.000127	-.000033
Stddev	.0003054	.000179	.000019
%RSD	44.32874	141.5957	58.11290

#1	.0009016	-.000230	-.000013
#2	.0008261	.000080	-.000036
#3	.0003390	-.000230	-.000051

Int. Std.	Y_ 2243	Y_ 2243	Y_ 3600	Y_ 3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1154.791	1686.227	45436.30	5181.865	3218.317
Stddev	27.745	5.460	829.47	33.182	9.536
%RSD	2.402557	.3237923	1.825568	.6403480	.2962953

#1	1138.567	1680.346	44963.12	5144.392	3215.725
#2	1138.980	1691.134	44951.70	5193.682	3228.881
#3	1186.827	1687.202	46394.06	5207.522	3210.346

Sample Name: I4046-08 Acquired: 7/10/2017 18:00:22 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v56) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MH0AC4 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1208647	-.016568	1.131748	-.035059	.0036458	89.31325	1.402992
Stddev	.0022909	.002080	.008030	.005954	.0018667	.46755	.009682
%RSD	1.895388	12.55602	.7095644	16.98261	51.20304	.5234930	.6900801

#1	.1221476	-.018843	1.136516	-.040987	.0043032	89.78347	1.414152
#2	.1222267	-.016098	1.136251	-.035109	.0050949	88.84842	1.397969
#3	.1182198	-.014763	1.122476	-.029080	.0015393	89.30786	1.396853

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0059805	.0229873	627.2567	.1637097	.0638733	1.035063	165.8133
Stddev	.0000769	.0004027	3.0877	.0009515	.0004853	.001343	1.0227
%RSD	1.286101	1.751837	.4922527	.5811957	.7597822	.1297533	.6167525

#1	.0059472	.0231961	629.2389	.1627237	.0644033	1.036500	166.6367
#2	.0059259	.0232427	623.6991	.1637831	.0634508	1.033839	164.6685
#3	.0060685	.0225230	628.8320	.1646224	.0637656	1.034851	166.1346

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	3.531179	176.6922	.1647537	.0001827	3.224123	.1905143	3.541268
Stddev	.018526	1.2557	.0011017	.0003185	.003369	.0021332	.030400
%RSD	.5246452	.7106844	.6687207	174.3088	.1044963	1.119722	.8584574

#1	3.550187	177.5224	.1655782	.0002965	3.225415	.1895981	3.517588
#2	3.513176	175.2476	.1651805	-.000177	3.226655	.1889923	3.575550
#3	3.530172	177.3067	.1635024	.000429	3.220299	.1929526	3.530667

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	35.37958	12.34260	-.258900	.0159186	4.134183	11.78039	.0385390
Stddev	.16229	.05842	.002017	.0006084	.003482	.04676	.0010614
%RSD	.4587096	.4733402	.7788832	3.821870	.0842327	.3969729	2.754025

#1	35.53660	12.28666	-.257555	.0154436	4.130172	11.82037	.0397409
#2	35.21249	12.40322	-.257926	.0166044	4.135942	11.72896	.0377305
#3	35.38966	12.33793	-.261219	.0157080	4.136435	11.79182	.0381456

Sample Name: I4046-08 Acquired: 7/10/2017 18:00:22 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v56) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MH0AC4 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	2.724923	.2794451	1.395971
Stddev	.013568	.0028599	.005407
%RSD	.4979199	1.023412	.3873227

#1	2.739184	.2822323	1.402113
#2	2.712175	.2765177	1.391929
#3	2.723410	.2795853	1.393871

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1079.760	1572.336	43619.82	5388.689	2218.201
Stddev	9.409	4.425	168.47	23.658	5.992
%RSD	.8714348	.2814380	.3862215	.4390289	.2701258

#1	1084.291	1568.624	43814.31	5363.244	2211.785
#2	1068.942	1577.233	43525.97	5410.020	2223.652
#3	1086.047	1571.151	43519.18	5392.803	2219.167

Sample Name: I4046-09 Acquired: 7/10/2017 18:04:22 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v56) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MH0AC4D Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0888095	-.011915	.8422024	-.019588	.0048713	89.95018	1.401519
Stddev	.0519399	.016811	.4996455	.026532	.0041300	.11480	.001104
%RSD	58.48463	141.0896	59.32607	135.4534	84.78108	.1276307	.0787793

#1	.1204414	-.020010	1.134236	-.029285	.0060201	89.91686	1.400612
#2	.1171220	-.023147	1.127095	-.039907	.0083053	90.07795	1.402749
#3	.0288651	.007412	.265276	.010429	.0002886	89.85572	1.401197

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0060763	.0157295	636.5818	.1662117	.0457575	1.035824	167.9763
Stddev	.0001377	.0121413	2.1684	.0004431	.0300142	.002557	.2864
%RSD	2.265927	77.18841	.3406293	.2665804	65.59402	.2468395	.1704817

#1	.0060663	.0228688	636.6925	.1660347	.0639356	1.033601	168.1823
#2	.0062187	.0226090	638.6927	.1658845	.0622226	1.038618	168.0973
#3	.0059439	.0017107	634.3602	.1667159	.0111142	1.035252	167.6493

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	3.587722	178.3308	.1223747	.0001103	3.262330	.1940443	3.592042
Stddev	.011094	.5050	.0714668	.0000489	.052637	.0006450	.033001
%RSD	.3092305	.2832044	58.40002	44.36666	1.613490	.3323842	.9187213

#1	3.595845	177.8944	.1648094	.0001181	3.238480	.1934684	3.607566
#2	3.592239	178.8840	.1624515	.0001549	3.225840	.1947412	3.554142
#3	3.575081	178.2139	.0398631	.0000580	3.322671	.1939233	3.614419

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	35.42859	9.138173	-.260552	.0118335	3.036069	12.04242	.0328083
Stddev	.07370	5.568037	.001600	.0074008	1.855207	.03593	.0181686
%RSD	.2080108	60.93162	.6142274	62.54078	61.10555	.2983868	55.37794

#1	35.40515	12.49131	-.259142	.0164082	4.115516	12.05099	.0420583
#2	35.51115	12.21243	-.262292	.0157971	4.098808	12.07329	.0444905
#3	35.36946	2.71077	-.260223	.0032951	.893883	12.00297	.0118761

Sample Name: I4046-09 Acquired: 7/10/2017 18:04:22 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v56) Mode: CONC Corr. Factor: 1.000000
 User: JASWAL Custom ID1: MH0AC4D Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	2.743999	.2810610	1.403783
Stddev	.004228	.0005488	.001397
%RSD	.1540896	.1952622	.0995357

#1	2.745406	.2816939	1.402754
#2	2.747344	.2807740	1.405373
#3	2.739246	.2807153	1.403221

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1078.186	2474.937	43491.09	5330.731	3577.442
Stddev	6.226	1569.828	103.32	22.045	2366.902
%RSD	.5774951	63.42903	.2375726	.4135394	66.16185

#1	1074.401	1568.208	43372.58	5326.821	2209.449
#2	1085.373	1568.984	43538.48	5310.903	2212.373
#3	1074.786	4287.618	43562.23	5354.469	6310.504

Sample Name: PB100478BS Acquired: 7/10/2017 18:08:25 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v56) 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	.0190993	.0622965	.0210311	.0795494	.1329081	.4225623
Stddev	.0020403	.0027899	.0012898	.0042546	.0022163	.0011225
%RSD	10.68261	4.478394	6.132951	5.348351	1.667511	.2656410

#1	.0190192	.0655180	.0219058	.0797721	.1352991	.4232951
#2	.0171002	.0606822	.0216377	.0751878	.1309225	.4212700
#3	.0211785	.0606894	.0195498	.0836882	.1325029	.4231218

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.3802160	.0104970	.0106066	10.61738	.0254194	.0912769
Stddev	.0008285	.0001092	.0001010	.08310	.0001434	.0005461
%RSD	.2178899	1.040596	.9518158	.7827259	.5643234	.5982564

#1	.3801424	.0105936	.0106648	10.52793	.0252678	.0919070
#2	.3794267	.0103785	.0104900	10.63202	.0255530	.0909425
#3	.3810788	.0105189	.0106648	10.69219	.0254374	.0909810

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0547051	.2541985	.0342625	10.70664	.0756747	.0193749
Stddev	.0005311	.0029938	.0008682	.07355	.0004059	.0002032
%RSD	.9708720	1.177750	2.533972	.6869888	.5363249	1.048780

#1	.0543553	.2518344	.0333960	10.72602	.0760120	.0191556
#2	.0544438	.2575649	.0342591	10.62533	.0752243	.0194125
#3	.0553163	.2531963	.0351324	10.76856	.0757879	.0195567

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	10.89784	.0986656	.1257080	9.681466	F .0278140	F .0208369
Stddev	.14934	.0010654	.0014653	.024863	.0008298	.0005029
%RSD	1.370408	1.079811	1.165596	.2568136	2.983435	2.413531

#1	10.96909	.0992568	.1255297	9.707655	.0268819	.0207617
#2	10.72622	.0974357	.1272543	9.658184	.0280875	.0203759
#3	10.99823	.0993044	.1243401	9.678560	.0284724	.0213732

Sample Name: PB100478BS Acquired: 7/10/2017 18:08:25 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v56) 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	.0238966	.1781835	.2103346	F .0135215	.2174897	.1078770
Stddev	.0004896	.0003654	.0017251	.0008775	.0002718	.0008091
%RSD	2.048944	.2050393	.8201656	6.489993	.1249573	.7500208

#1	.0238248	.1777919	.2088331	.0125494	.2174983	.1082056
#2	.0234469	.1782435	.2122190	.0142551	.2177571	.1069553
#3	.0244182	.1785152	.2099518	.0137599	.2172138	.1084702

Elem	Sr4077
Units	ppm
Avg	.2131852
Stddev	.0012625
%RSD	.5921908

#1	.2123705
#2	.2125455
#3	.2146394

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1133.547	1631.601	44733.90	5274.028	3049.148
Stddev	3.915	11.051	92.70	27.986	15.715
%RSD	.3453896	.6773051	.2072308	.5306372	.5153948

#1	1137.916	1623.067	44811.64	5304.083	3035.941
#2	1132.366	1644.084	44758.76	5269.284	3066.529
#3	1130.358	1627.653	44631.31	5248.717	3044.975

Sample Name: CCV089 Acquired: 7/10/2017 18:12:33 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v56) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: CCV089 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.250363	4.978989	25.31566	5.141566	5.240058	422.4315
Stddev	.047872	.044454	.14571	.050652	.026985	1.6549
%RSD	.9117913	.8928355	.5755812	.9851428	.5149782	.3917466

#1	5.252574	4.965597	25.35736	5.130738	5.237389	420.6621
#2	5.201423	4.942769	25.15364	5.097204	5.214507	422.6914
#3	5.297091	5.028599	25.43597	5.196756	5.268279	423.9411

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	10.30492	.5075708	2.581114	416.2084	15.38590	2.612706
Stddev	.12732	.0014223	.013911	1.6970	.10288	.013674
%RSD	1.235558	.2802175	.5389601	.4077287	.6686423	.5233581

#1	10.17329	.5070556	2.589272	414.6582	15.33415	2.617482
#2	10.42744	.5064779	2.565051	418.0215	15.50438	2.597285
#3	10.31402	.5091789	2.589019	415.9456	15.31918	2.623352

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	15.87103	416.0496	15.15442	418.4332	2.564333	1.335029
Stddev	.04952	1.3883	.06018	1.5051	.013522	.011983
%RSD	.3120151	.3336929	.3970950	.3597056	.5273228	.8975872

#1	15.83947	414.9407	15.10613	416.6967	2.566193	1.327737
#2	15.84551	417.6067	15.22183	419.3635	2.549976	1.348859
#3	15.92810	415.6015	15.13529	419.2393	2.576828	1.328491

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	424.5489	2.511943	15.52681	159.6530	5.499540	F 4.405232
Stddev	1.4753	.014980	.28339	.5542	.075239	.012334
%RSD	.3475099	.5963340	1.825146	.3471443	1.368101	.2799841

#1	422.8568	2.496401	15.35180	159.1067	5.454792	4.407415
#2	425.5660	2.526289	15.85377	159.6376	5.457423	4.391952
#3	425.2239	2.513139	15.37487	160.2148	5.586406	4.416328

Sample Name: CCV089 Acquired: 7/10/2017 18:12:33 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v56) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: CCV089 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.144168	5.267555	5.044627	5.108196	5.141965	5.381798
Stddev	.033136	.044375	.004746	.023899	.012501	.041153
%RSD	.6441504	.8424192	.0940705	.4678649	.2431149	.7646679

#1	5.142969	5.243914	5.040811	5.103135	5.129268	5.336952
#2	5.111648	5.240006	5.043130	5.087232	5.154261	5.417829
#3	5.177888	5.318745	5.049941	5.134220	5.142366	5.390612

Elem	Sr4077
Units	ppm
Avg	5.222501
Stddev	.014564
%RSD	.2788723

#1	5.226369
#2	5.234741
#3	5.206393

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	913.2011	1329.196	37522.34	4774.156	1997.274
Stddev	15.0805	5.882	423.00	5.553	7.596
%RSD	1.651386	.4425541	1.127325	.1163110	.3803062

#1	921.8875	1327.904	37726.14	4780.514	1994.055
#2	895.7876	1335.617	37036.02	4771.697	2005.949
#3	921.9281	1324.067	37804.85	4770.257	1991.818

Sample Name: CCB089 Acquired: 7/10/2017 18:16:42 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v56) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: CCB089 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.002808	-.001149	-.001513	-.000312	.0003418	.0159591	-.002840
Stddev	.002298	.001964	.001036	.003019	.0013919	.0045625	.000726
%RSD	81.82949	170.9812	68.46858	969.0017	407.2358	28.58889	25.55454

#1	-.004367	-.001598	-.000330	-.003798	-.000586	.0208621	-.002016
#2	-.000169	.001001	-.002259	.001405	-.000331	.0118381	-.003122
#3	-.003886	-.002850	-.001951	.001458	.001942	.0151771	-.003383

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0000299	.0001775	.0231909	.0006173	-.000001	.0003796	.0150880
Stddev	.0000748	.0000970	.0009114	.0003581	.000134	.0004757	.0197042
%RSD	250.5601	54.64068	3.930064	58.01657	11472.13	125.3083	130.5955

#1	-.000049	.0000682	.0242055	.0003009	-.000156	.0000436	.0312572
#2	.000099	.0002112	.0224415	.0010061	.000064	.0001713	.0208660
#3	.000040	.0002532	.0229257	.0005449	.000088	.0009240	-.006859

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0002325	-.025656	.0000408	.0001045	-.102819	-.001207	.0017037
Stddev	.0004736	.014922	.0003319	.0002322	.047679	.003931	.0023200
%RSD	203.6985	58.15967	814.5030	222.2296	46.37118	325.6354	136.1740

#1	-.000312	-.009232	.0001769	.0003407	-.064364	-.004036	.0033651
#2	.000462	-.029358	.0002829	.0000964	-.156167	.003281	.0026931
#3	.000548	-.038379	-.000338	-.000124	-.087927	-.002866	-.000947

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0519370	-.000306	.0080467	.0004689	.0018901	.0061332	-.000094
Stddev	.0199379	.000869	.0009488	.0000807	.0012553	.0111610	.000471
%RSD	38.38858	283.6730	11.79091	17.22031	66.41746	181.9776	501.4388

#1	.0291555	.000581	.0087543	.0004328	.0021884	.0190190	.000249
#2	.0662037	-.000344	.0069686	.0004126	.0029694	-.000125	.000100
#3	.0604519	-.001157	.0084173	.0005614	.0005125	-.000494	-.000631

Sample Name: CCB089 Acquired: 7/10/2017 18:16:42 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v56) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: CCB089 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.0005269	.0011277	.0001497
Stddev	.0004846	.0001337	.0000496
%RSD	91.96802	11.85231	33.11758

#1	.0010326	.0010188	.0000992
#2	.0000665	.0012768	.0001983
#3	.0004817	.0010874	.0001516

Int. Std.	Y_ 2243	Y_ 2243	Y_ 3600	Y_ 3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1059.095	1619.199	42098.64	5117.798	3096.084
Stddev	21.627	9.148	862.99	99.403	8.470
%RSD	2.042012	.5650013	2.049933	1.942302	.2735605

#1	1037.926	1608.845	41352.26	5231.507	3086.327
#2	1058.205	1622.557	41900.05	5047.395	3101.541
#3	1081.153	1626.193	43043.62	5074.491	3100.384