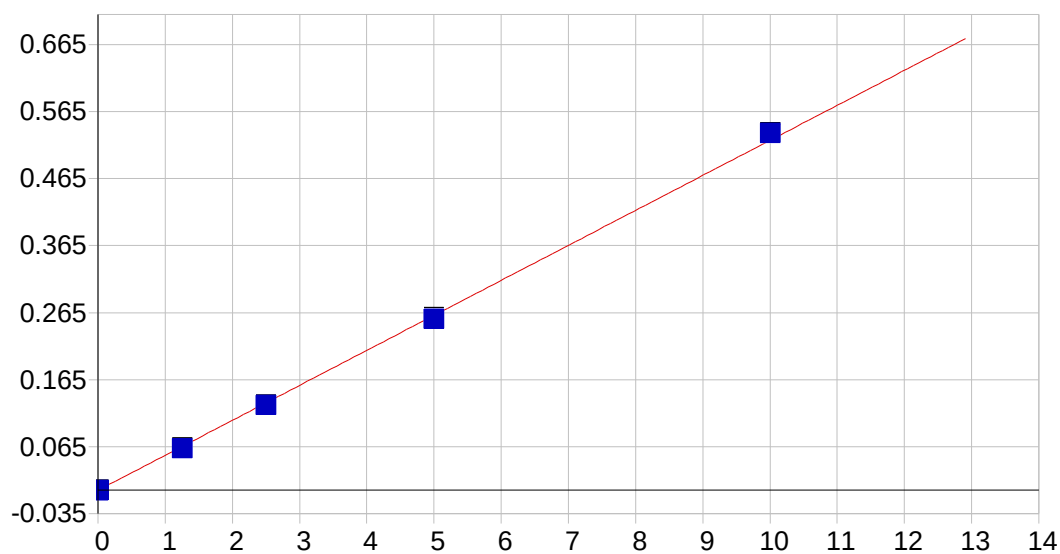




As 189.042 {479}

Date of Fit: 7/5/2017 17:28:43

Type of Fit: Linear

Weighting: 1/Conc

A0 (Offset): -0.000233

Re-Slope: 1.000000

A1 (Gain): 0.052235

Y-int: 0.000000

A2 (Curvature): 0.000000

n (Exponent): 1.000000

Correlation: 0.999755

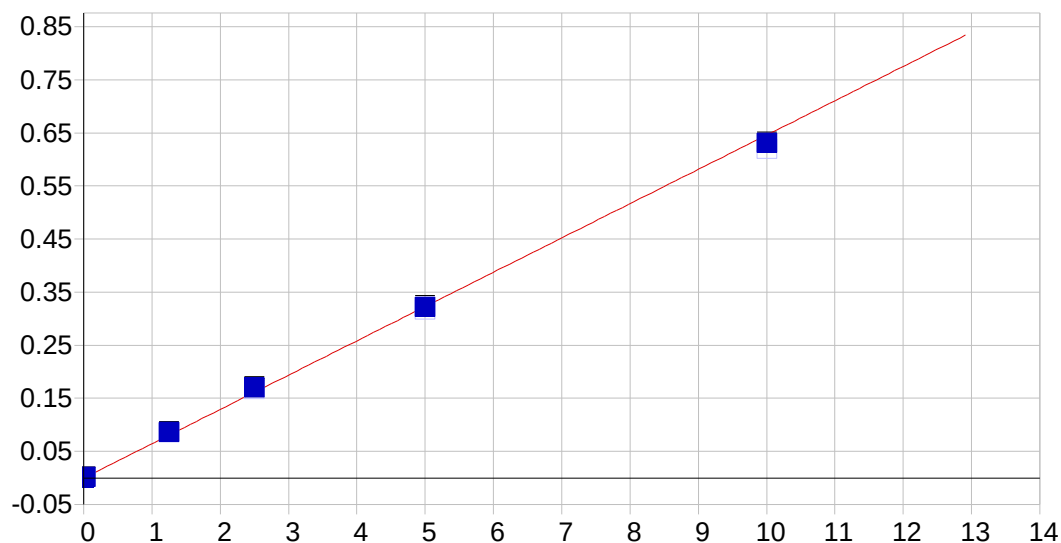
Status: OK.

Std Error of Est: 0.000019

Predicted MDL: 0.003458

Predicted MQL: 0.011527

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	-.00023	.000	1
S1	.01000	.01041	.000	4.06	.00031	.000	1
S2	1.2500	1.2062	-.044	-3.50	.06276	.000	1
S3	2.5000	2.4382	-.062	-2.47	.12709	.001	1
S4	5.0000	4.9012	-.099	-1.98	.25571	.002	1
S5	10.000	10.204	.204	2.04	.53262	.001	1



TI 190.856 {477}

Date of Fit: 7/5/2017 17:28:43

Type of Fit: Linear

Weighting: 1/Conc

A0 (Offset): -0.000162

Re-Slope: 1.000000

A1 (Gain): 0.064602

Y-int: 0.000000

A2 (Curvature): 0.000000

n (Exponent): 1.000000

Correlation: 0.999442

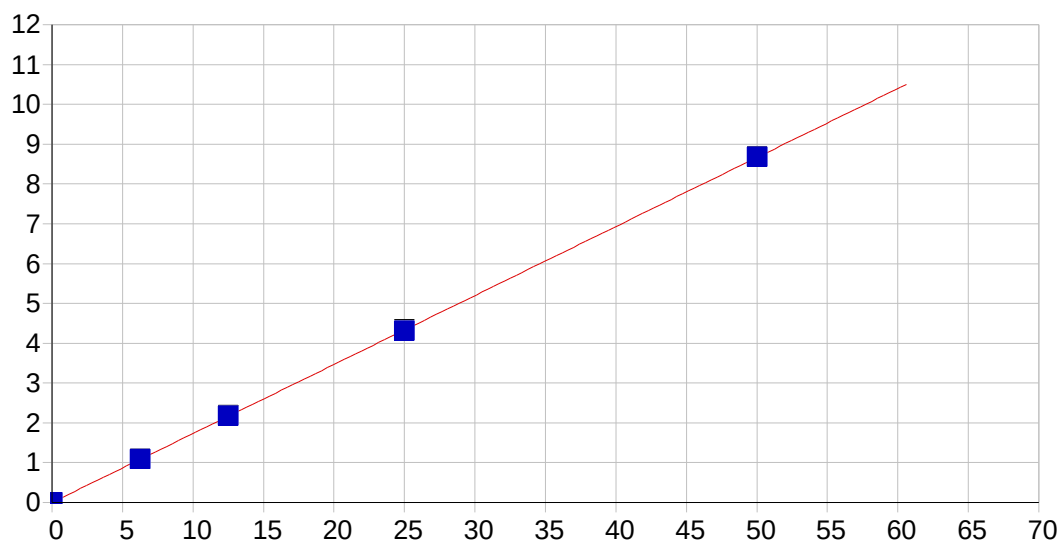
Status: OK.

Std Error of Est: 0.000056

Predicted MDL: 0.001808

Predicted MQL: 0.006027

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00001	.000	.000	-.00016	.000	1
S1	.02500	.02808	.003	12.3	.00152	.000	1
S2	1.2500	1.3450	.095	7.60	.08526	.001	1
S3	2.5000	2.6361	.136	5.44	.16720	.002	1
S4	5.0000	4.9942	-.006	-.116	.31660	.003	1
S5	10.000	9.7719	-.228	-2.28	.61938	.002	1



Pb 220.353 {453}

Date of Fit: 7/5/2017 17:28:43

Type of Fit: Linear

Weighting: 1/Conc

A0 (Offset): 0.000330

Re-Slope: 1.000000

A1 (Gain): 0.173271

Y-int: 0.000000

A2 (Curvature): 0.000000

n (Exponent): 1.000000

Correlation: 0.999992

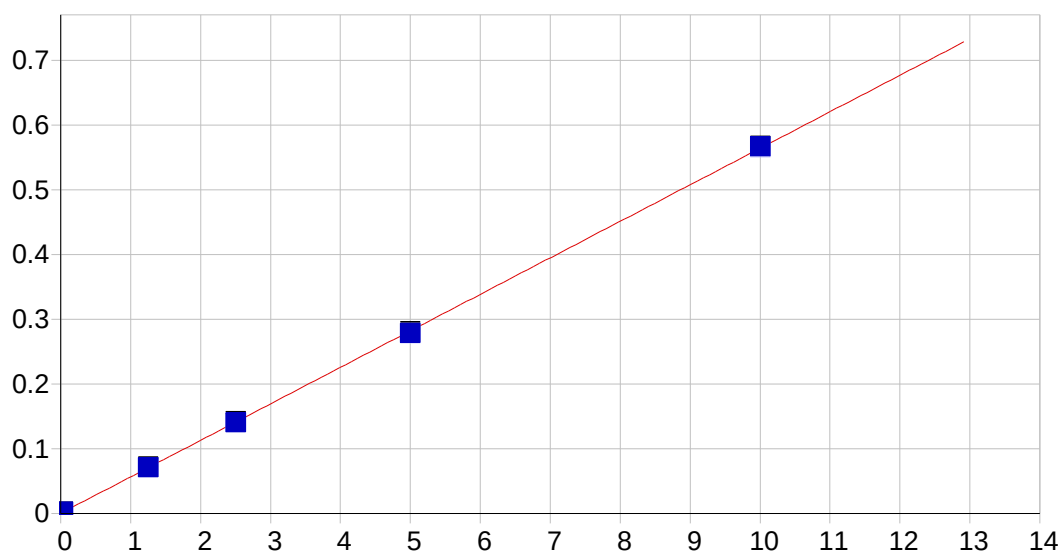
Status: OK.

Std Error of Est: 0.000027

Predicted MDL: 0.001399

Predicted MQL: 0.004663

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	.00033	.000	1
S1	.01000	.01140	.001	14.0	.00230	.000	1
S2	6.2500	6.2421	-.008	-.127	1.0822	.010	1
S3	12.500	12.579	.079	.631	2.1805	.006	1
S4	25.000	24.860	-.140	-.561	4.3091	.034	1
S5	50.000	50.068	.068	.136	8.6782	.010	1



Se 196.090 {472}

Date of Fit: 7/5/2017 17:28:43

Type of Fit: Linear

Weighting: 1/Conc

A0 (Offset): 0.000186

Re-Slope: 1.000000

A1 (Gain): 0.056376

Y-int: 0.000000

A2 (Curvature): 0.000000

n (Exponent): 1.000000

Correlation: 0.999946

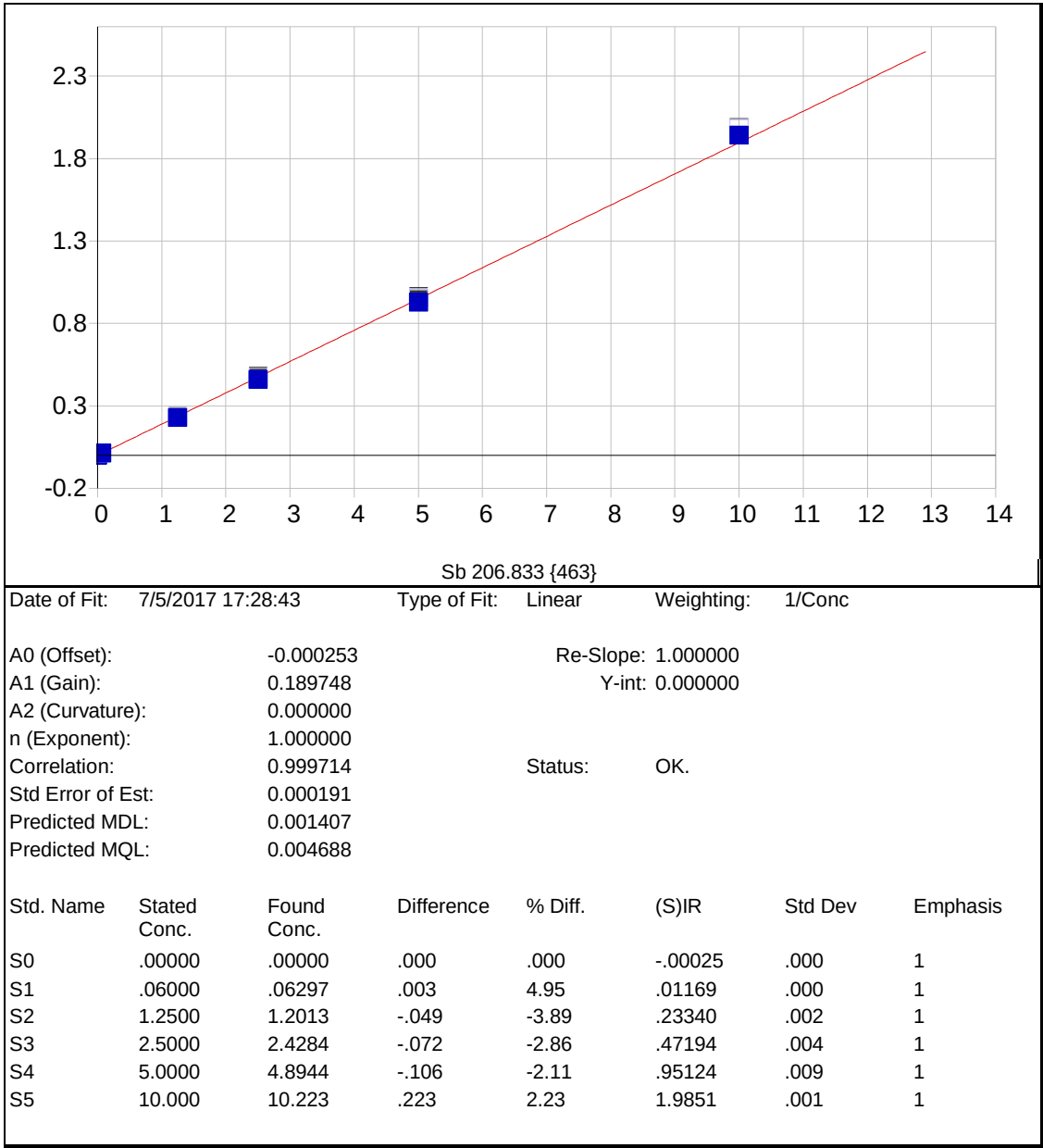
Status: OK.

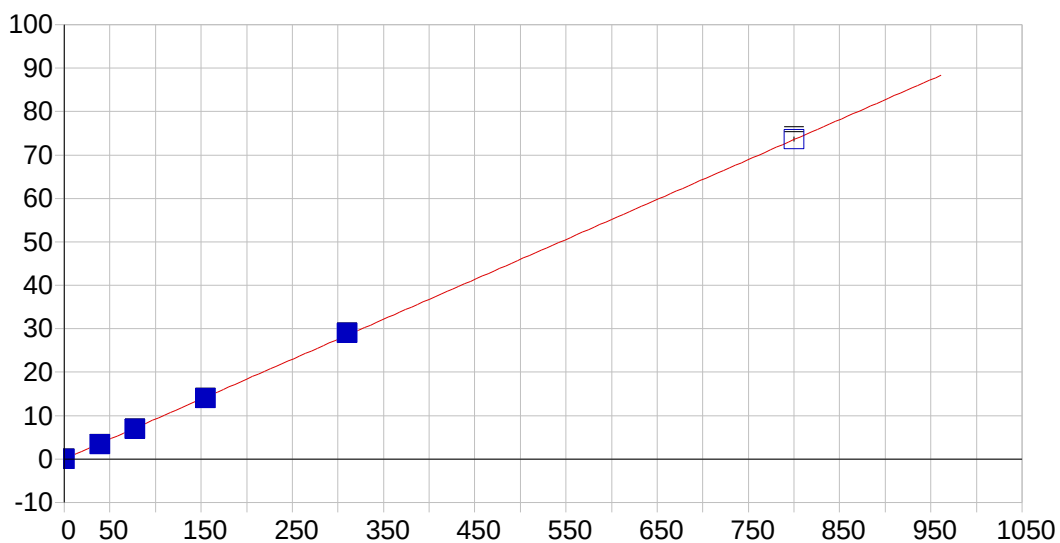
Std Error of Est: 0.000018

Predicted MDL: 0.003470

Predicted MQL: 0.011565

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00001	.000	.000	.00019	.000	1
S1	.03500	.04055	.006	15.8	.00247	.000	1
S2	1.2500	1.2560	.006	.483	.07074	.001	1
S3	2.5000	2.4947	-.005	-.212	.14031	.002	1
S4	5.0000	4.9381	-.062	-1.24	.27753	.003	1
S5	10.000	10.056	.056	.556	.56500	.001	1





AI 396.152 { 85}

Date of Fit: 7/5/2017 17:28:43

Type of Fit: Linear

Weighting: 1/Conc

A0 (Offset): 0.000169

Re-Slope: 1.000000

A1 (Gain): 0.091931

Y-int: 0.000000

A2 (Curvature): 0.000000

n (Exponent): 1.000000

Correlation: 0.999889

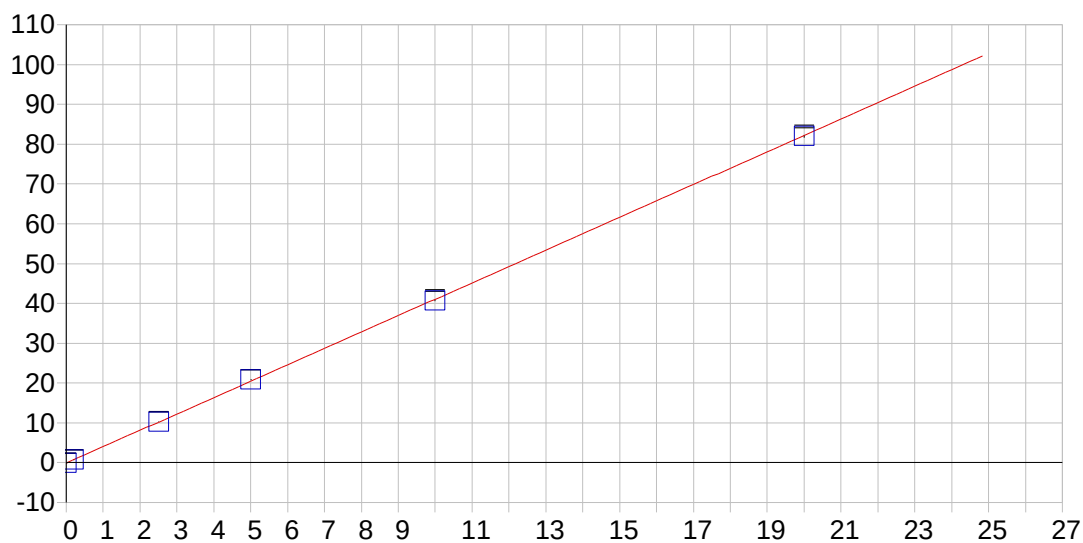
Status: OK.

Std Error of Est: 0.000852

Predicted MDL: 0.006158

Predicted MQL: 0.020528

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	.00017	.000	1
S1	.20000	.21419	.014	7.09	.01989	.001	1
S2	38.750	37.028	-1.72	-4.44	3.4085	.010	1
S3	77.500	74.993	-2.51	-3.23	6.9029	.011	1
S4	155.00	152.41	-2.59	-1.67	14.028	.026	1
S5	310.00	315.66	5.66	1.83	29.053	.015	1
S6	800.00	801.15	1.15	.143	73.650	.527	1



Ba 493.409 { 68}

Date of Fit: 7/5/2017 17:28:43

Type of Fit: Linear

Weighting: 1/Conc

A0 (Offset): -0.107657

Re-Slope: 1.000000

A1 (Gain): 4.115100

Y-int: 0.000000

A2 (Curvature): 0.000000

n (Exponent): 1.000000

Correlation: 0.999956

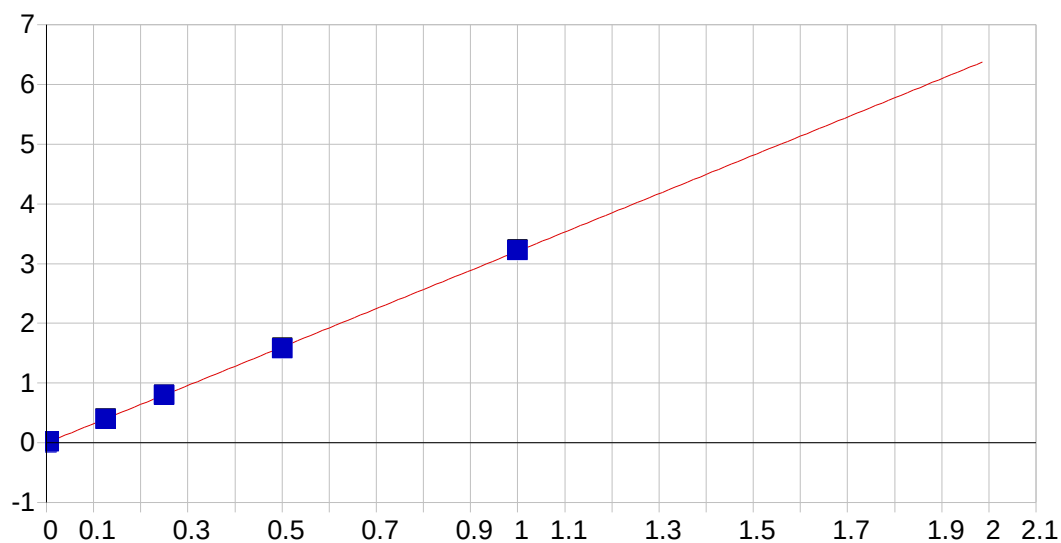
Status: OK.

Std Error of Est: 0.004118

Predicted MDL: 0.000547

Predicted MQL: 0.001824

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00002	.000	.000	-.10772	.003	1
S1	.20000	.21180	.012	5.90	.76391	.000	1
S2	2.5000	2.5226	.023	.903	10.273	.049	1
S3	5.0000	5.0931	.093	1.86	20.851	.031	1
S4	10.000	9.9244	-.076	-.756	40.732	.218	1
S5	20.000	19.948	-.052	-.259	81.981	.363	1



Be 234.861 {144}

Date of Fit: 7/5/2017 17:28:43

Type of Fit: Linear

Weighting: 1/Conc

A0 (Offset): -0.002172

Re-Slope: 1.000000

A1 (Gain): 3.209879

Y-int: 0.000000

A2 (Curvature): 0.000000

n (Exponent): 1.000000

Correlation: 0.999937

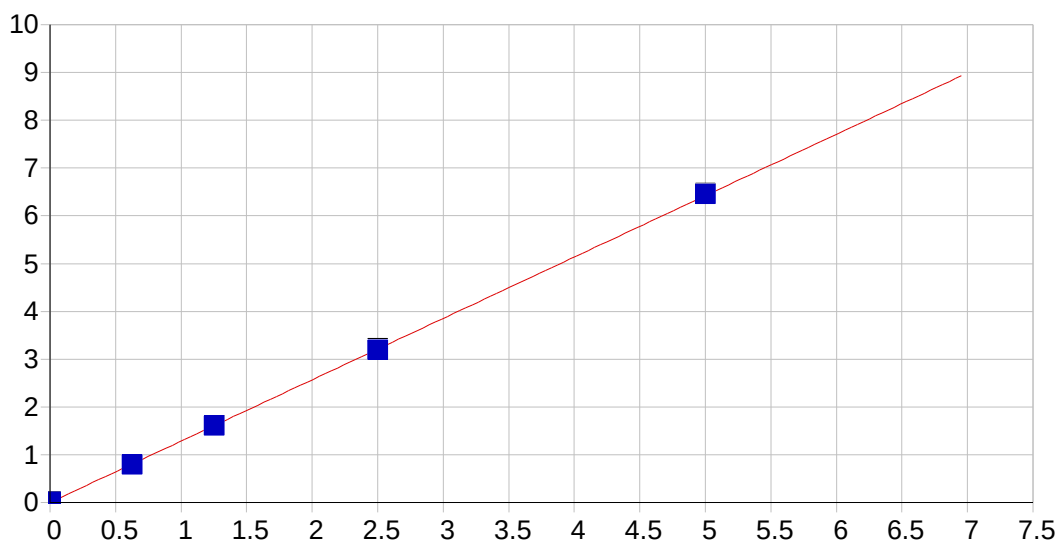
Status: OK.

Std Error of Est: 0.000135

Predicted MDL: 0.000093

Predicted MQL: 0.000311

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	-.00217	.000	1
S1	.00500	.00571	.001	14.2	.01615	.000	1
S2	.12500	.12517	.000	.140	.39827	.002	1
S3	.25000	.24993	.000	-.030	.79736	.003	1
S4	.50000	.49306	-.007	-1.39	1.5751	.009	1
S5	1.0000	1.0061	.006	.613	3.2166	.003	1



Cd 214.438 {457}

Date of Fit: 7/5/2017 17:28:43

Type of Fit: Linear

Weighting: 1/Conc

A0 (Offset): 0.000151

Re-Slope: 1.000000

A1 (Gain): 1.284217

Y-int: 0.000000

A2 (Curvature): 0.000000

n (Exponent): 1.000000

Correlation: 0.999979

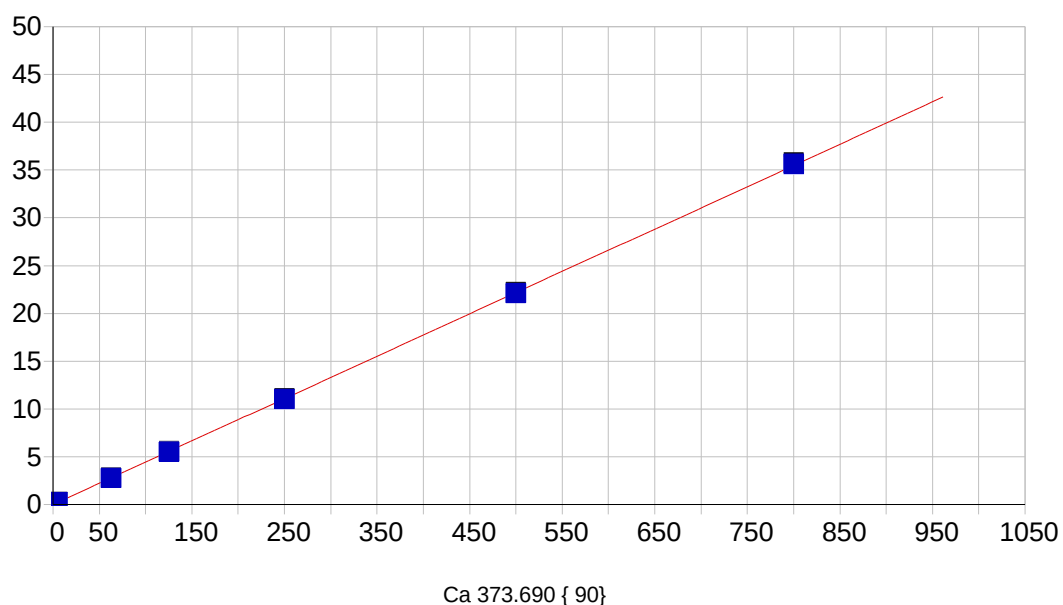
Status: OK.

Std Error of Est: 0.000070

Predicted MDL: 0.000120

Predicted MQL: 0.000401

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	.00015	.000	1
S1	.00500	.00526	.000	5.22	.00691	.000	1
S2	.62500	.61326	-.012	-1.88	.78911	.007	1
S3	1.2500	1.2489	-.001	-.091	1.6068	.002	1
S4	2.5000	2.4891	-.011	-.434	3.2024	.026	1
S5	5.0000	5.0235	.023	.470	6.4626	.010	1



Date of Fit: 7/5/2017 17:28:43

Type of Fit: Linear

Weighting: 1/Conc

A0 (Offset): 0.001354

Re-Slope: 1.000000

A1 (Gain): 0.044335

Y-int: 0.000000

A2 (Curvature): 0.000000

n (Exponent): 1.000000

Correlation: 0.999982

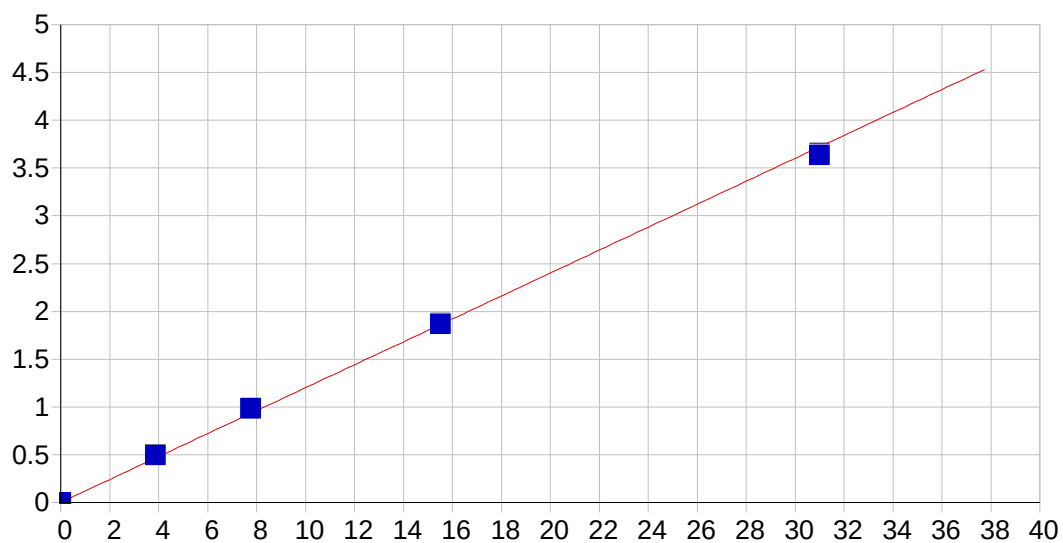
Status: OK.

Std Error of Est: 0.000923

Predicted MDL: 0.012123

Predicted MQL: 0.040409

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00032	.000	.000	.00134	.000	1
S1	5.0000	5.3668	.367	7.34	.23929	.001	1
S2	62.500	62.516	.016	.025	2.7696	.007	1
S3	125.00	124.61	-.394	-.315	5.5191	.022	1
S4	250.00	248.06	-1.94	-.777	10.986	.059	1
S5	500.00	498.54	-1.46	-.291	22.077	.089	1
S6	800.00	803.41	3.41	.426	35.549	.155	1



Cr 267.716 {126}

Date of Fit: 7/5/2017 17:28:43

Type of Fit: Linear

Weighting: 1/Conc

A0 (Offset): 0.000634

Re-Slope: 1.000000

A1 (Gain): 0.120021

Y-int: 0.000000

A2 (Curvature): 0.000000

n (Exponent): 1.000000

Correlation: 0.999520

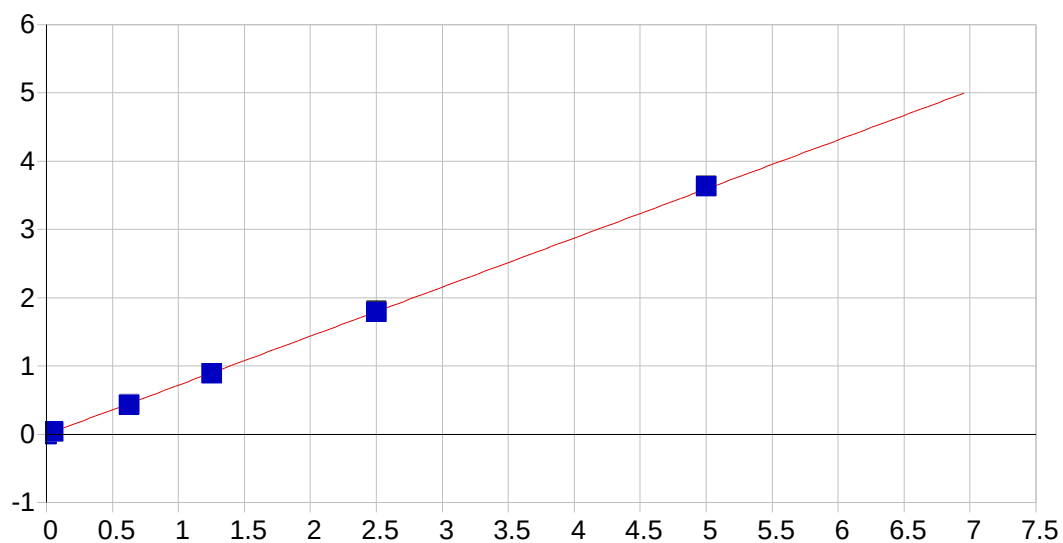
Status: OK.

Std Error of Est: 0.000110

Predicted MDL: 0.000555

Predicted MQL: 0.001851

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	.00063	.000	1
S1	.01000	.00820	-.002	-18.0	.00163	.000	1
S2	3.8750	4.1282	.253	6.54	.49732	.001	1
S3	7.7500	8.1640	.414	5.34	.98290	.003	1
S4	15.500	15.559	.059	.378	1.8728	.003	1
S5	31.000	30.276	-.724	-2.34	3.6440	.010	1



Co 228.616 {448}

Date of Fit: 7/5/2017 17:28:43

Type of Fit: Linear

Weighting: 1/Conc

A0 (Offset): -0.000424

Re-Slope: 1.000000

A1 (Gain): 0.718591

Y-int: 0.000000

A2 (Curvature): 0.000000

n (Exponent): 1.000000

Correlation: 0.999926

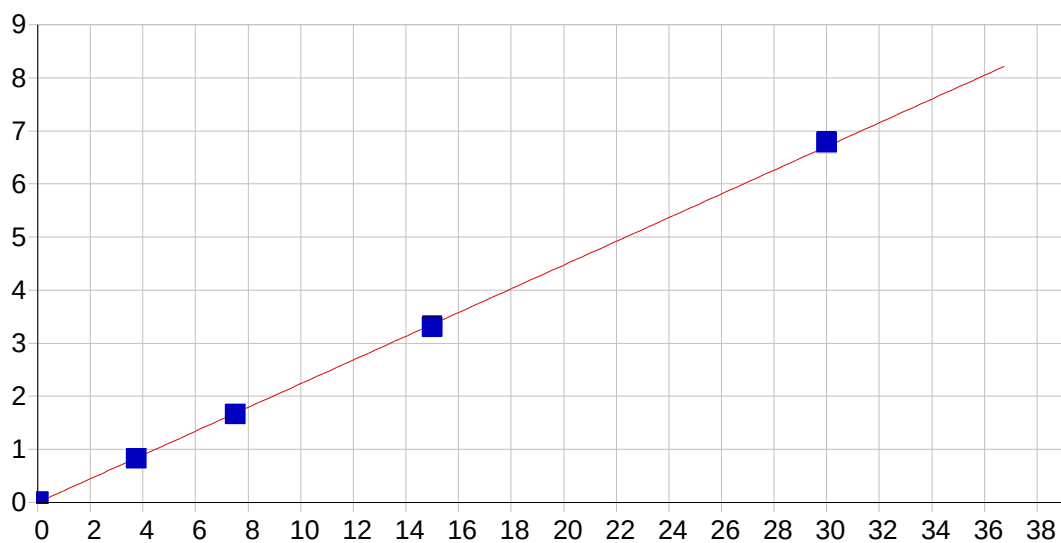
Status: OK.

Std Error of Est: 0.000234

Predicted MDL: 0.000237

Predicted MQL: 0.000790

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	-.00042	.000	1
S1	.05000	.04993	.000	-.135	.03559	.000	1
S2	.62500	.60467	-.020	-3.25	.43502	.003	1
S3	1.2500	1.2345	-.016	-1.24	.88852	.002	1
S4	2.5000	2.4867	-.013	-.532	1.7902	.015	1
S5	5.0000	5.0492	.049	.985	3.6354	.001	1



Cu 324.754 {104}

Date of Fit: 7/5/2017 17:28:43

Type of Fit: Linear

Weighting: 1/Conc

A0 (Offset): 0.001410

Re-Slope: 1.000000

A1 (Gain): 0.223468

Y-int: 0.000000

A2 (Curvature): 0.000000

n (Exponent): 1.000000

Correlation: 0.999926

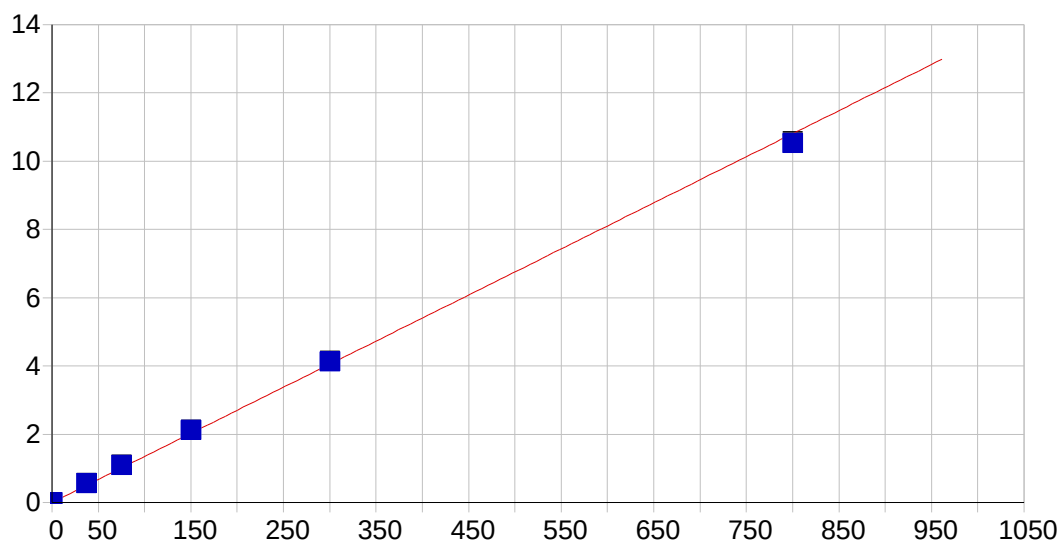
Status: OK.

Std Error of Est: 0.000125

Predicted MDL: 0.001554

Predicted MQL: 0.005181

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	.00141	.000	1
S1	.02500	.02583	.001	3.33	.00715	.000	1
S2	3.7500	3.6846	-.065	-1.74	.82240	.004	1
S3	7.5000	7.4189	-.081	-1.08	1.6545	.001	1
S4	15.000	14.808	-.192	-1.28	3.3009	.013	1
S5	30.000	30.338	.338	1.13	6.7619	.019	1



Fe 259.837 {130}

Date of Fit: 7/5/2017 17:28:43

Type of Fit: Linear

Weighting: 1/Conc

A0 (Offset): 0.000074

Re-Slope: 1.000000

A1 (Gain): 0.013508

Y-int: 0.000000

A2 (Curvature): 0.000000

n (Exponent): 1.000000

Correlation: 0.999376

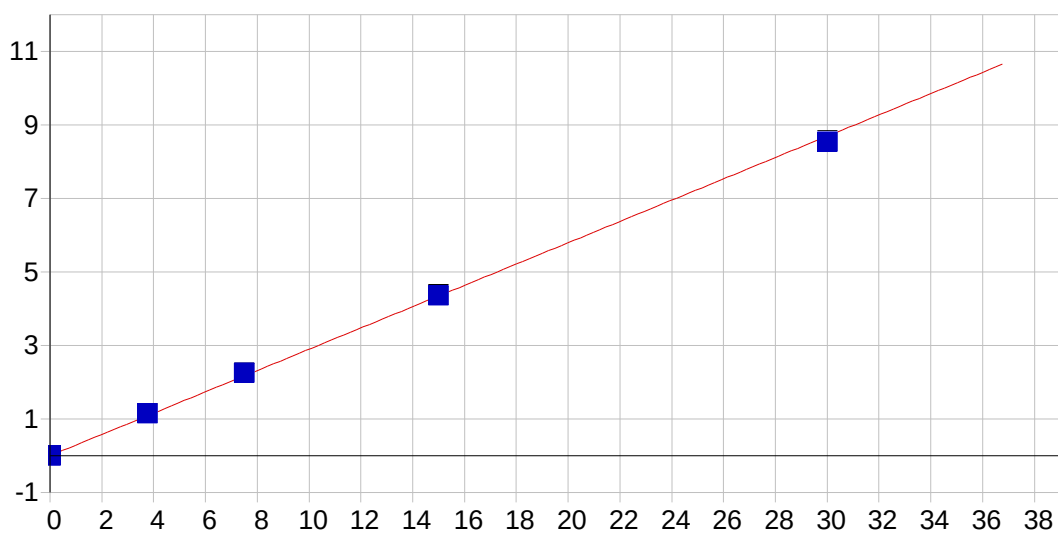
Status: OK.

Std Error of Est: 0.000209

Predicted MDL: 0.012500

Predicted MQL: 0.041666

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00004	.000	.000	.00007	.000	1
S1	.10000	.11983	.020	19.8	.00170	.000	1
S2	37.500	41.103	3.60	9.61	.55588	.002	1
S3	75.000	80.604	5.60	7.47	1.0900	.003	1
S4	150.00	156.54	6.54	4.36	2.1170	.008	1
S5	300.00	305.31	5.31	1.77	4.1289	.013	1
S6	800.00	778.90	-21.1	-2.64	10.527	.042	1



Mn 257.610 {131}

Date of Fit: 7/5/2017 17:28:43

Type of Fit: Linear

Weighting: 1/Conc

A0 (Offset): -0.000100

Re-Slope: 1.000000

A1 (Gain): 0.289783

Y-int: 0.000000

A2 (Curvature): 0.000000

n (Exponent): 1.000000

Correlation: 0.999722

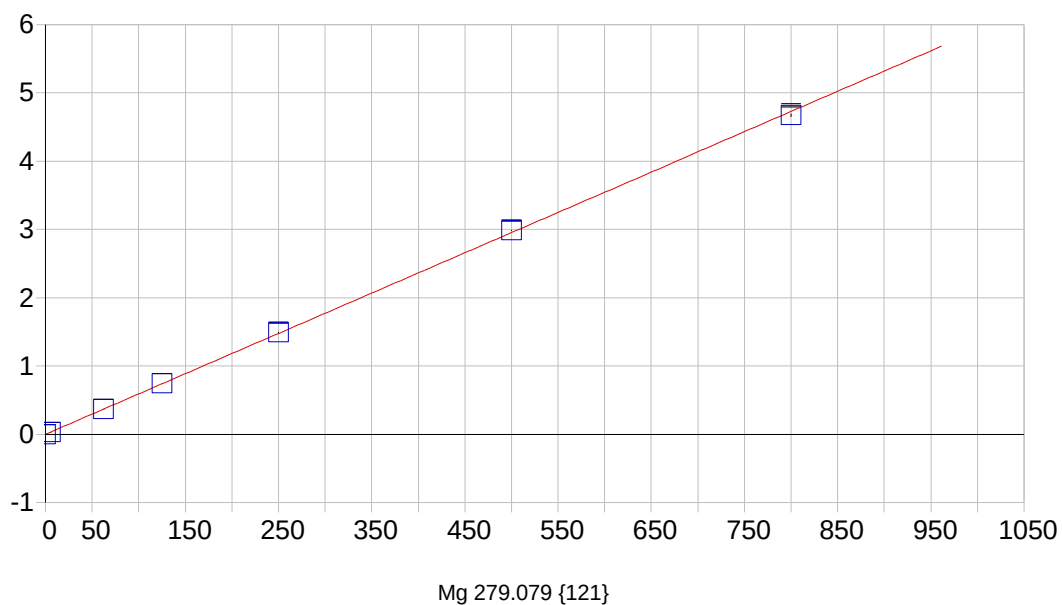
Status: OK.

Std Error of Est: 0.000243

Predicted MDL: 0.000655

Predicted MQL: 0.002185

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	-.00010	.000	1
S1	.01500	.01781	.003	18.7	.00506	.000	1
S2	3.7500	3.9688	.219	5.84	1.1502	.002	1
S3	7.5000	7.7623	.262	3.50	2.2497	.009	1
S4	15.000	15.030	.030	.203	4.3564	.027	1
S5	30.000	29.486	-.514	-1.71	8.5463	.021	1



Date of Fit: 7/5/2017 17:28:43

Type of Fit: Linear

Weighting: 1/Conc

A0 (Offset): -0.000220

Re-Slope: 1.000000

A1 (Gain): 0.005910

Y-int: 0.000000

A2 (Curvature): 0.000000

n (Exponent): 1.000000

Correlation: 0.999938

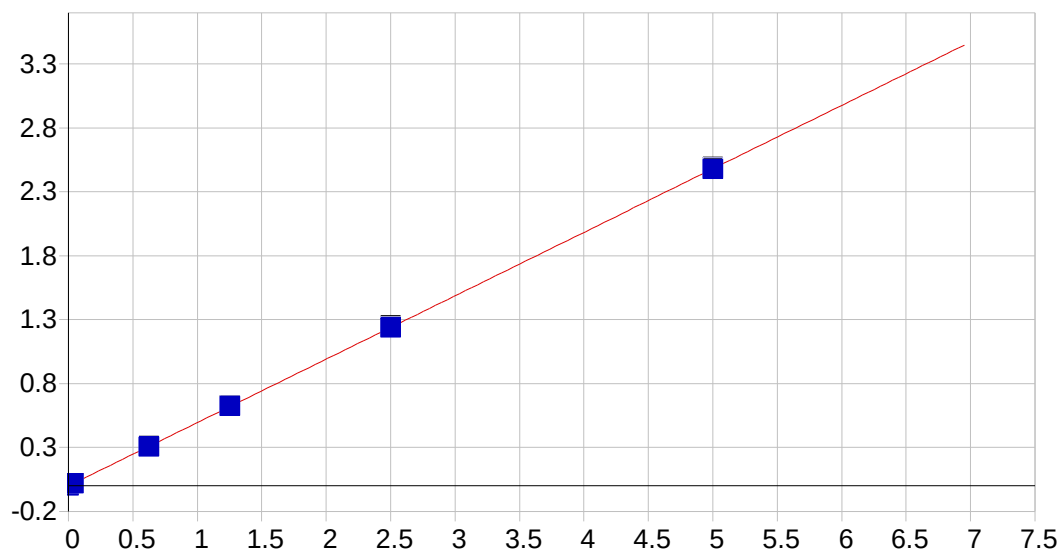
Status: OK.

Std Error of Est: 0.000230

Predicted MDL: 0.033842

Predicted MQL: 0.112806

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00044	.000	.000	-.00022	.000	1
S1	5.0000	5.3559	.356	7.12	.03143	.000	1
S2	62.500	62.546	.046	.074	.36944	.001	1
S3	125.00	125.99	.988	.790	.74439	.004	1
S4	250.00	252.35	2.35	.939	1.4912	.008	1
S5	500.00	505.36	5.36	1.07	2.9865	.006	1
S6	800.00	790.91	-9.09	-1.14	4.6741	.023	1



Ni 231.604 {446}

Date of Fit: 7/5/2017 17:28:43

Type of Fit: Linear

Weighting: 1/Conc

A0 (Offset): -0.000205

Re-Slope: 1.000000

A1 (Gain): 0.495954

Y-int: 0.000000

A2 (Curvature): 0.000000

n (Exponent): 1.000000

Correlation: 0.999991

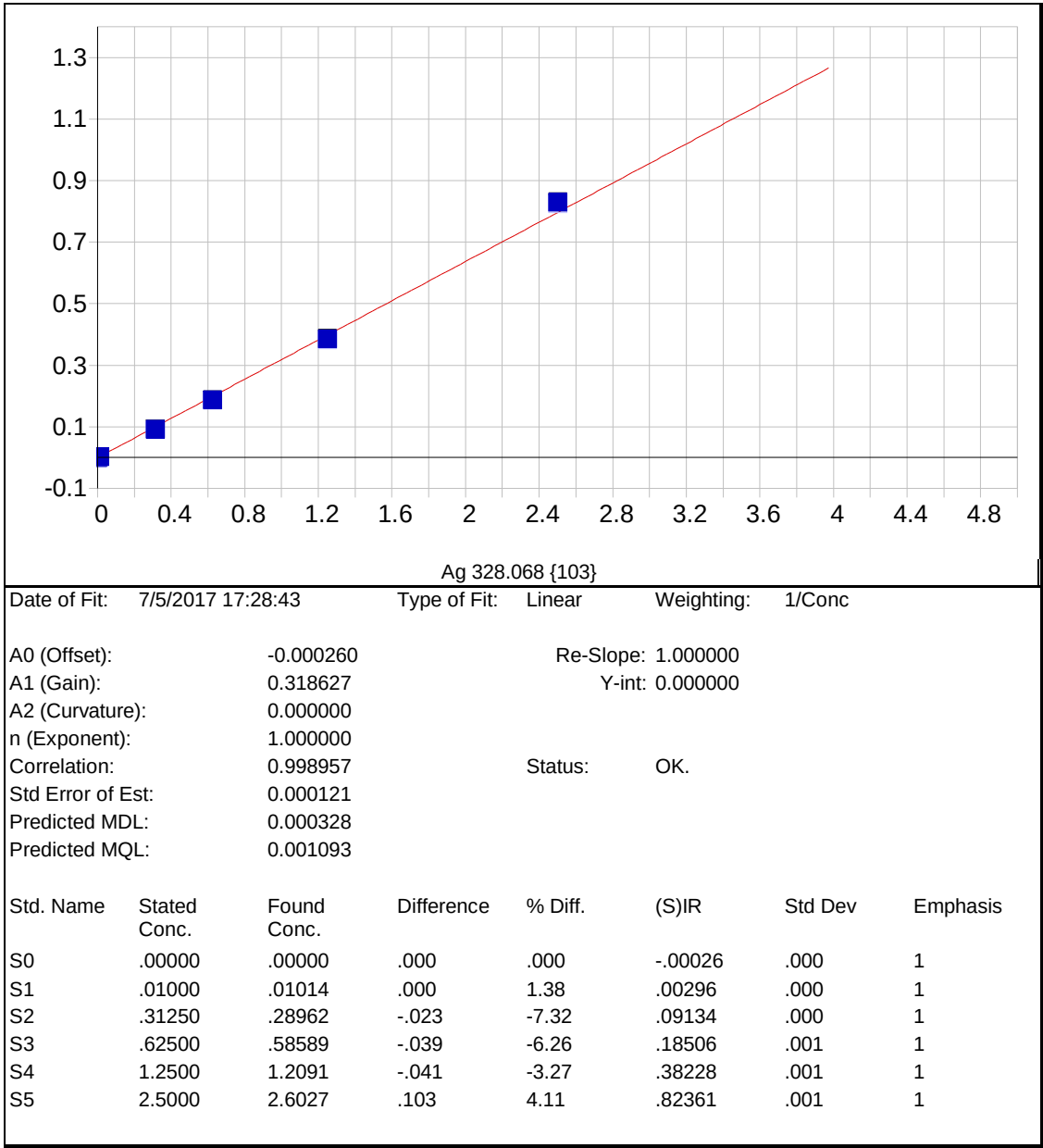
Status: OK.

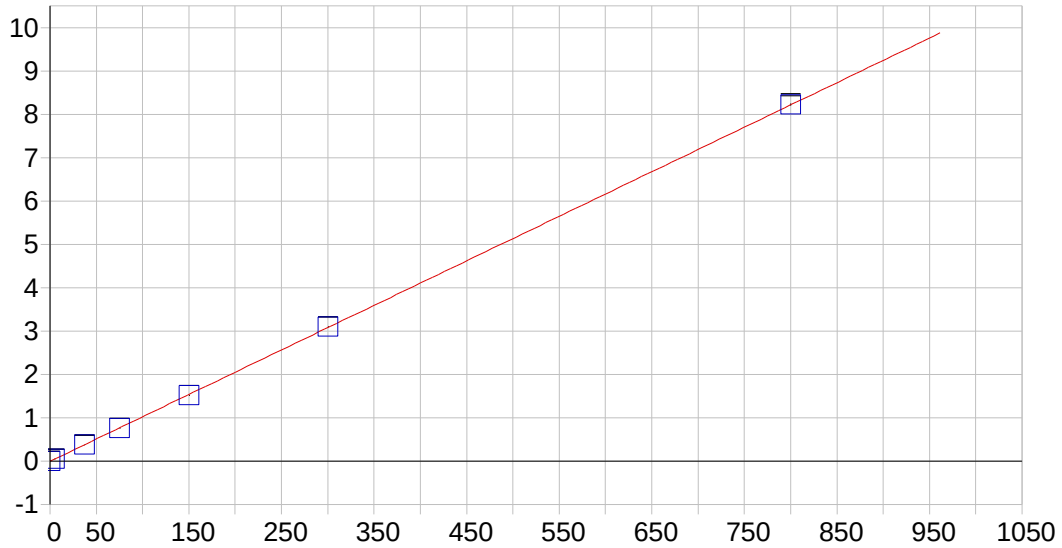
Std Error of Est: 0.000049

Predicted MDL: 0.000393

Predicted MQL: 0.001309

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	-.00021	.000	1
S1	.04000	.04132	.001	3.29	.02031	.000	1
S2	.62500	.62015	-.005	-.775	.30899	.002	1
S3	1.2500	1.2597	.010	.775	.62780	.002	1
S4	2.5000	2.4951	-.005	-.196	1.2438	.009	1
S5	5.0000	4.9987	-.001	-.025	2.4920	.003	1





Na 818.326 { 41}

Date of Fit: 7/5/2017 17:28:43

Type of Fit: Linear

Weighting: 1/Conc

A0 (Offset): -0.003497

Re-Slope: 1.000000

A1 (Gain): 0.010272

Y-int: 0.000000

A2 (Curvature): 0.000000

n (Exponent): 1.000000

Correlation: 0.999978

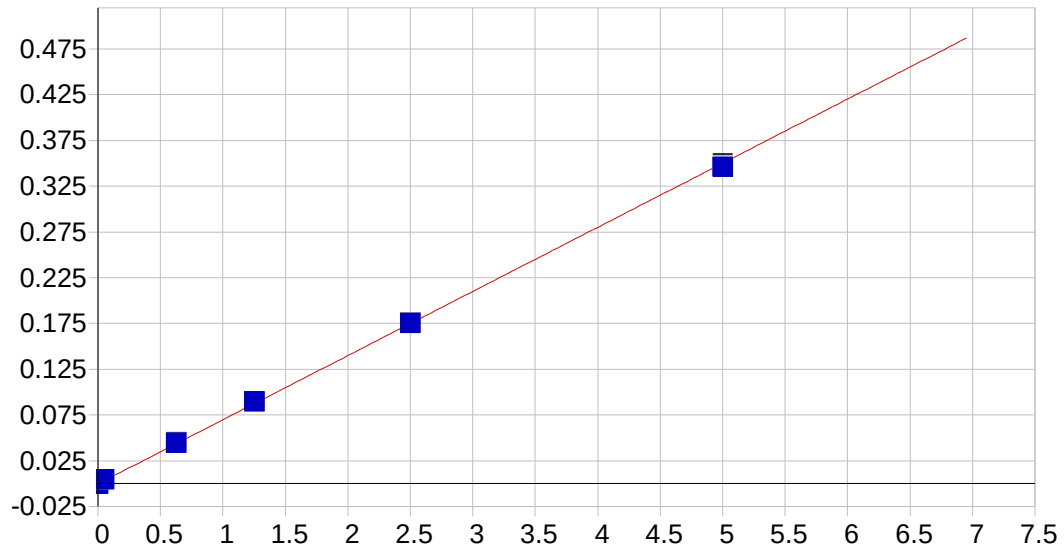
Status: OK.

Std Error of Est: 0.000212

Predicted MDL: 0.120750

Predicted MQL: 0.402499

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00001	.000	.000	-.00350	.001	1
S1	5.0000	5.1611	.161	3.22	.04952	.000	1
S2	37.500	36.734	-.766	-2.04	.37385	.002	1
S3	75.000	74.026	-.974	-1.30	.75693	.001	1
S4	150.00	148.61	-1.39	-.928	1.5231	.001	1
S5	300.00	302.02	2.02	.675	3.0990	.004	1
S6	800.00	800.95	.948	.118	8.2242	.030	1



V 292.402 {115}

Date of Fit: 7/5/2017 17:28:43

Type of Fit: Linear

Weighting: 1/Conc

A0 (Offset): -0.000282

Re-Slope: 1.000000

A1 (Gain): 0.070103

Y-int: 0.000000

A2 (Curvature): 0.000000

n (Exponent): 1.000000

Correlation: 0.999714

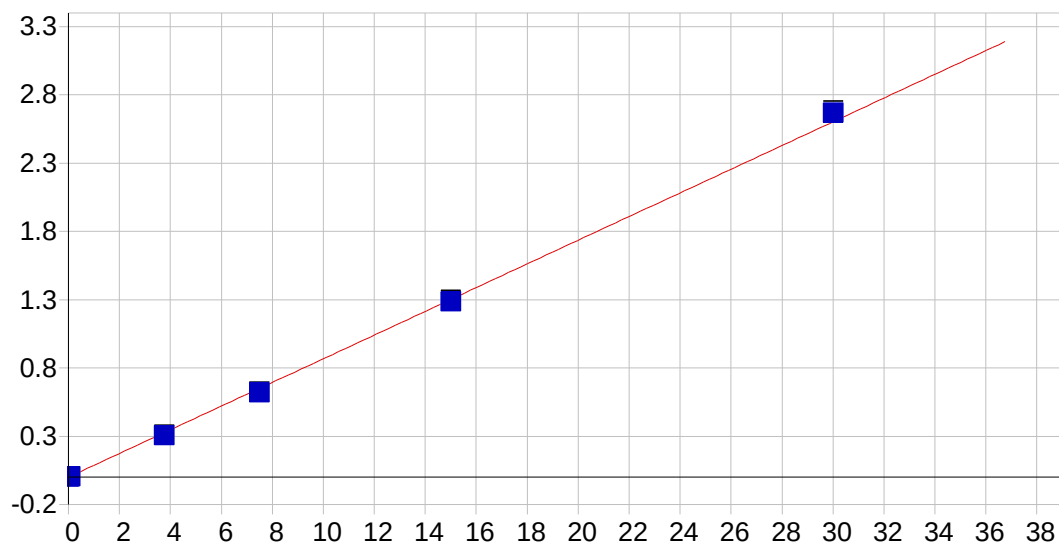
Status: OK.

Std Error of Est: 0.000045

Predicted MDL: 0.003243

Predicted MQL: 0.010811

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00002	.000	.000	-.00028	.000	1
S1	.05000	.06372	.014	27.4	.00419	.000	1
S2	.62500	.64042	.015	2.47	.04479	.000	1
S3	1.2500	1.2772	.027	2.17	.08961	.000	1
S4	2.5000	2.5023	.002	.093	.17586	.000	1
S5	5.0000	4.9414	-.059	-1.17	.34757	.002	1



Zn 213.856 {158}

Date of Fit: 7/5/2017 17:28:43

Type of Fit: Linear

Weighting: 1/Conc

A0 (Offset): -0.000325

Re-Slope: 1.000000

A1 (Gain): 0.086780

Y-int: 0.000000

A2 (Curvature): 0.000000

n (Exponent): 1.000000

Correlation: 0.999560

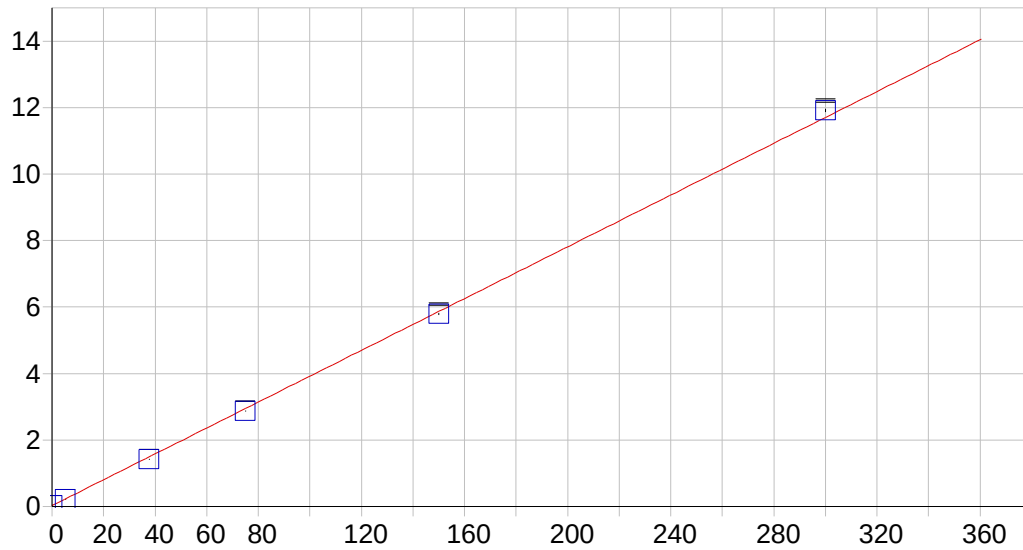
Status: OK.

Std Error of Est: 0.000184

Predicted MDL: 0.007963

Predicted MQL: 0.026542

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	-.00032	.000	1
S1	.06000	.06413	.004	6.88	.00526	.001	1
S2	3.7500	3.5327	-.217	-5.80	.30702	.002	1
S3	7.5000	7.1555	-.345	-4.59	.62219	.004	1
S4	15.000	14.810	-.190	-1.27	1.2880	.009	1
S5	30.000	30.748	.748	2.49	2.6742	.012	1



K 769.896 { 44}

Date of Fit: 7/5/2017 17:28:43

Type of Fit: Linear

Weighting: 1/Conc

A0 (Offset): 0.026144

Re-Slope: 1.000000

A1 (Gain): 0.038928

Y-int: 0.000000

A2 (Curvature): 0.000000

n (Exponent): 1.000000

Correlation: 0.999786

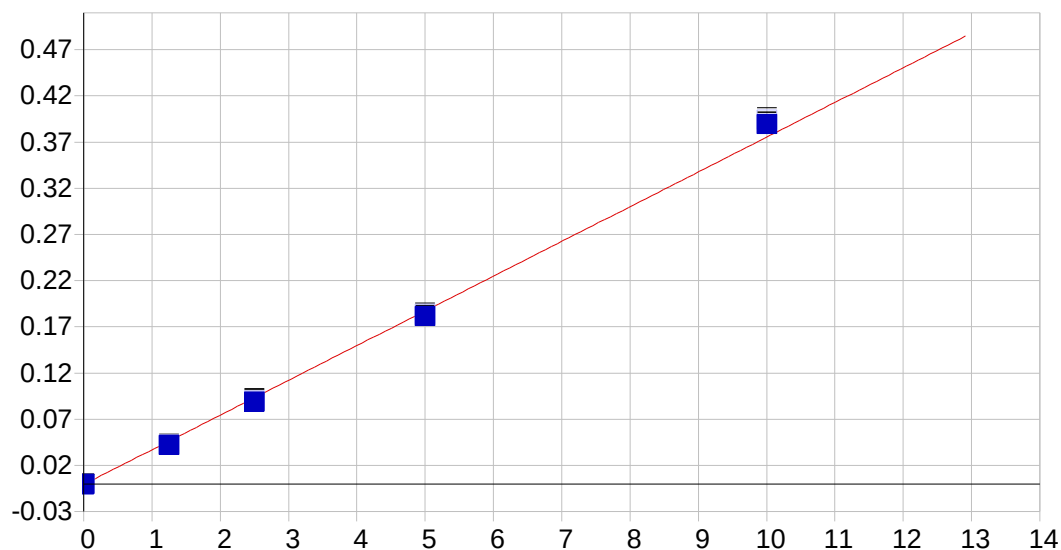
Status: OK.

Std Error of Est: 0.001661

Predicted MDL: 0.030453

Predicted MQL: 0.101511

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00030	.000	.000	.02616	.001	1
S1	5.0000	5.0174	.017	.347	.22146	.001	1
S2	37.500	35.814	-1.69	-4.50	1.4203	.005	1
S3	75.000	73.107	-1.89	-2.52	2.8721	.003	1
S4	150.00	148.17	-1.83	-1.22	5.7941	.027	1
S5	300.00	305.39	5.39	1.80	11.915	.045	1



P 177.495 {490}

Date of Fit: 7/5/2017 17:28:43

Type of Fit: Linear

Weighting: 1/Conc

A0 (Offset): -0.000816

Re-Slope: 1.000000

A1 (Gain): 0.037613

Y-int: 0.000000

A2 (Curvature): 0.000000

n (Exponent): 1.000000

Correlation: 0.999026

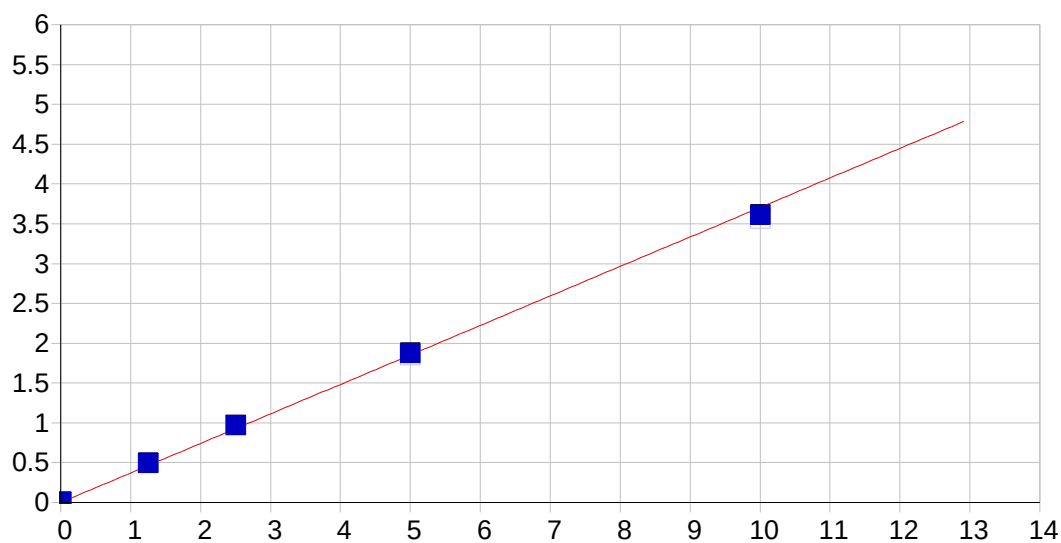
Status: OK.

Std Error of Est: 0.000028

Predicted MDL: 0.002666

Predicted MQL: 0.008886

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	-.00082	.000	1
S1	.01000	.01571	.006	57.1	-.00022	.000	1
S2	1.2500	1.1376	-.112	-8.99	.04258	.000	1
S3	2.5000	2.3889	-.111	-4.44	.09025	.002	1
S4	5.0000	4.8409	-.159	-3.18	.18369	.001	1
S5	10.000	10.377	.377	3.77	.39435	.002	1



B 249.678 {135}

Date of Fit: 7/5/2017 17:28:43

Type of Fit: Linear

Weighting: 1/Conc

A0 (Offset): 0.000722

Re-Slope: 1.000000

A1 (Gain): 0.370446

Y-int: 0.000000

A2 (Curvature): 0.000000

n (Exponent): 1.000000

Correlation: 0.999497

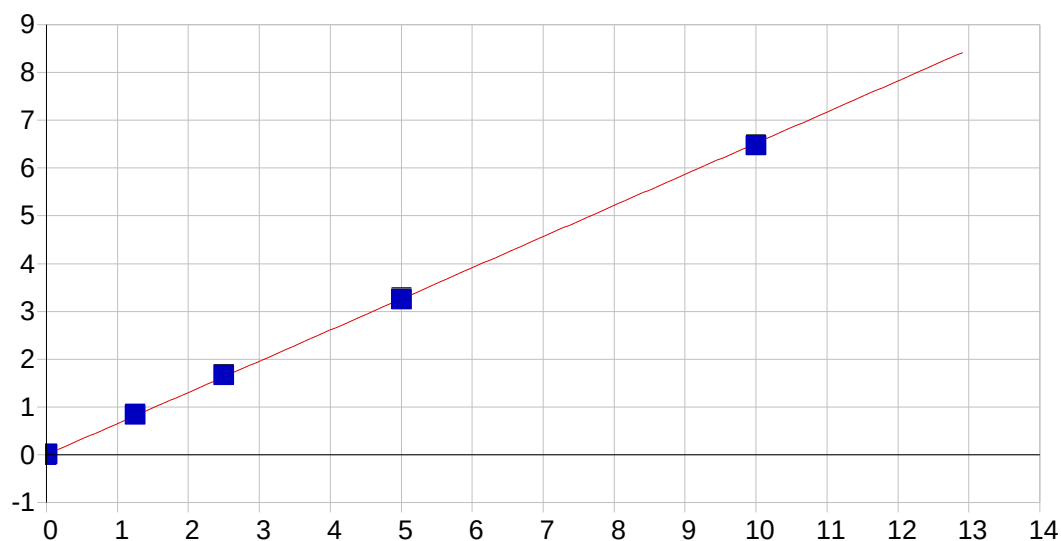
Status: OK.

Std Error of Est: 0.000195

Predicted MDL: 0.000942

Predicted MQL: 0.003140

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	.00072	.000	1
S1	.01000	.01172	.002	17.2	.00507	.000	1
S2	1.2500	1.3348	.085	6.78	.48939	.001	1
S3	2.5000	2.6154	.115	4.62	.95799	.005	1
S4	5.0000	5.0527	.053	1.05	1.8493	.010	1
S5	10.000	9.7453	-.255	-2.55	3.5645	.005	1



Mo 202.030 {467}

Date of Fit: 7/5/2017 17:28:43

Type of Fit: Linear

Weighting: 1/Conc

A0 (Offset): 0.000129

Re-Slope: 1.000000

A1 (Gain): 0.651997

Y-int: 0.000000

A2 (Curvature): 0.000000

n (Exponent): 1.000000

Correlation: 0.999917

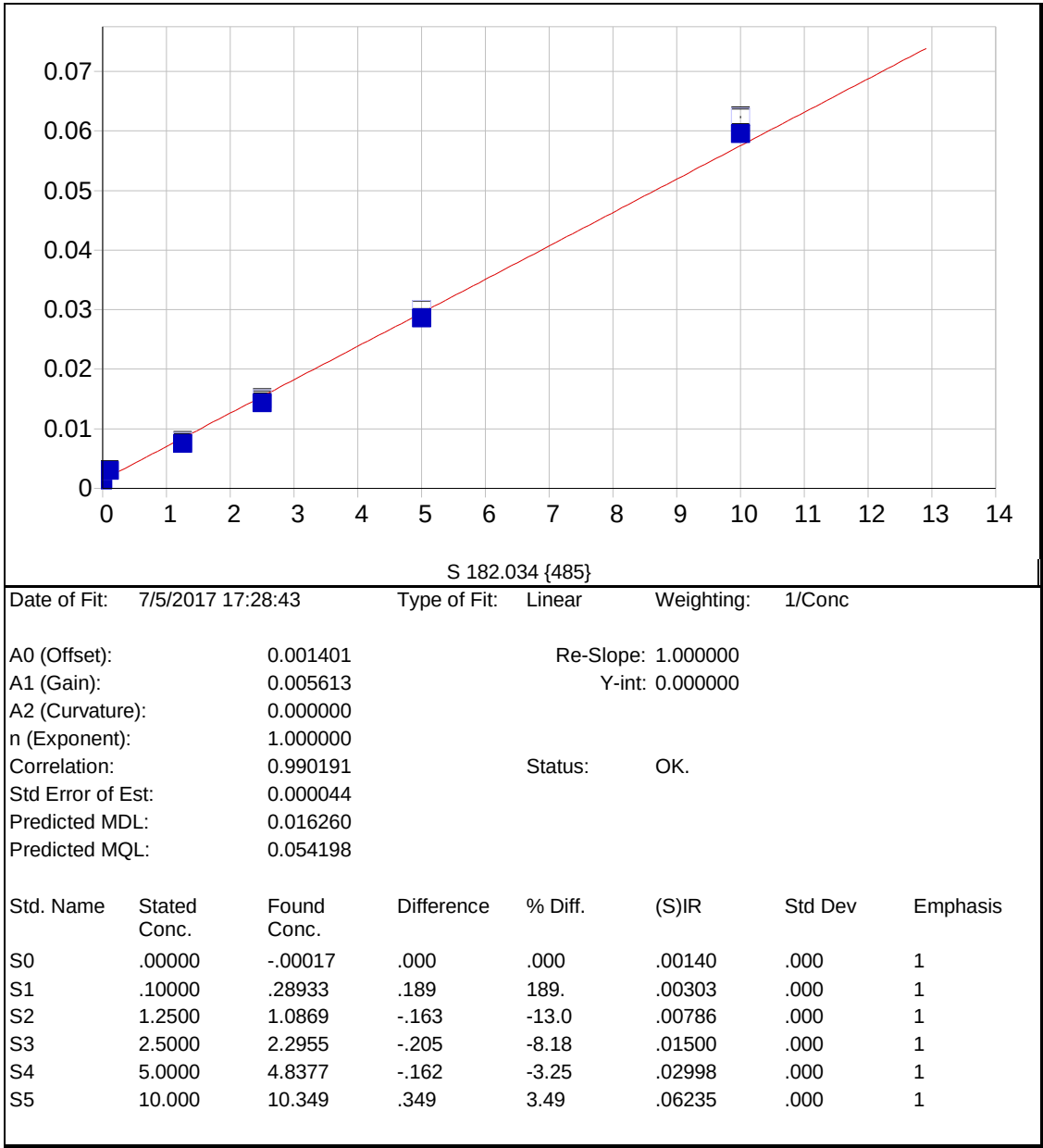
Status: OK.

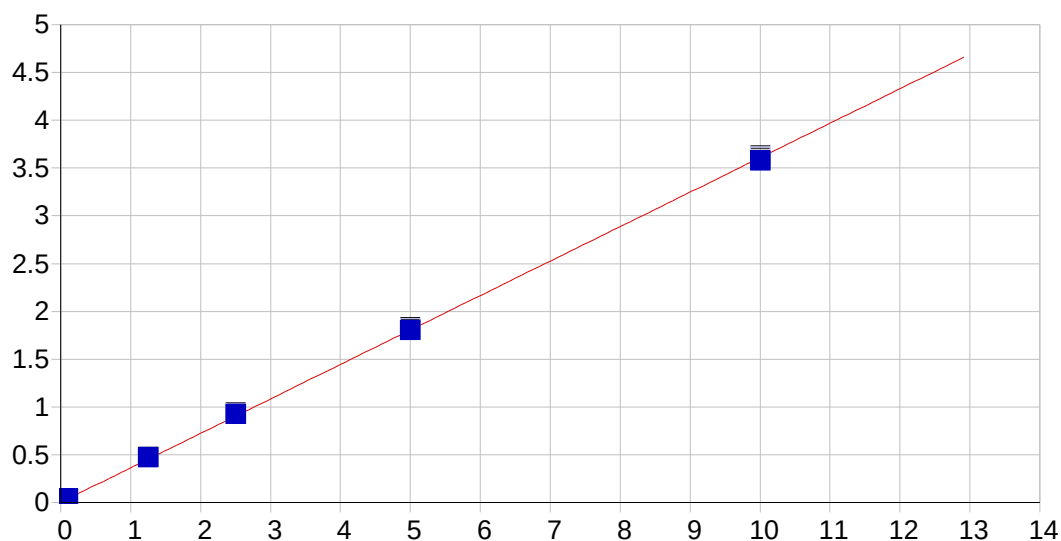
Std Error of Est: 0.000141

Predicted MDL: 0.000332

Predicted MQL: 0.001106

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	.00013	.000	1
S1	.01000	.01175	.002	17.5	.00780	.000	1
S2	1.2500	1.2888	.039	3.10	.84113	.006	1
S3	2.5000	2.5497	.050	1.99	1.6640	.012	1
S4	5.0000	4.9880	-.012	-.239	3.2553	.031	1
S5	10.000	9.9218	-.078	-.782	6.4750	.008	1





Si 251.611 {134}

Date of Fit: 7/5/2017 17:28:43

Type of Fit: Linear

Weighting: 1/Conc

A0 (Offset): 0.002068

Re-Slope: 1.000000

A1 (Gain): 0.360633

Y-int: 0.000000

A2 (Curvature): 0.000000

n (Exponent): 1.000000

Correlation: 0.999880

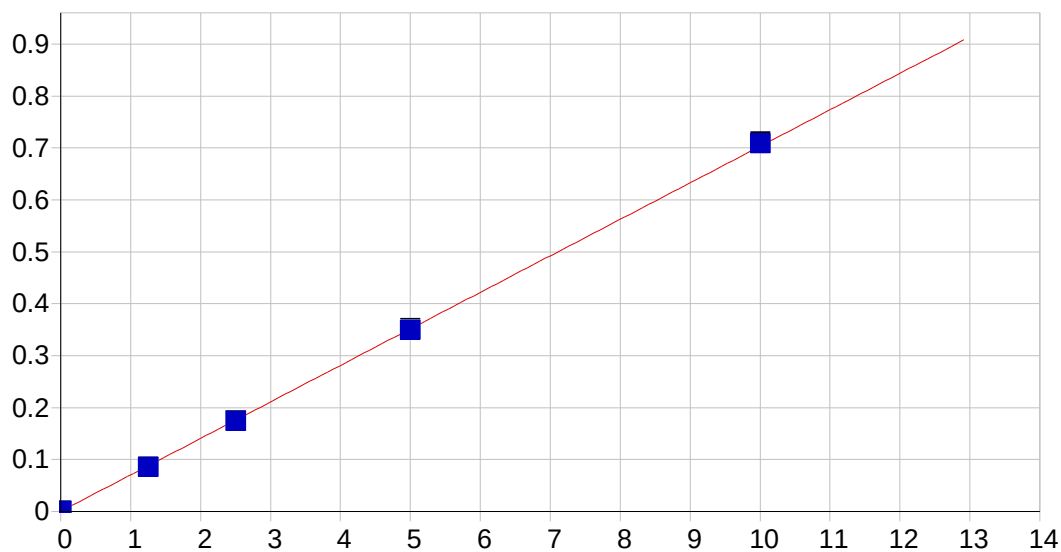
Status: OK.

Std Error of Est: 0.000301

Predicted MDL: 0.000997

Predicted MQL: 0.003325

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00001	.000	.000	.00206	.000	1
S1	.10000	.10901	.009	9.01	.04151	.001	1
S2	1.2500	1.2955	.045	3.64	.47457	.002	1
S3	2.5000	2.5555	.055	2.22	.93428	.007	1
S4	5.0000	4.9851	-.015	-.299	1.8211	.012	1
S5	10.000	9.9050	-.095	-.950	3.6166	.010	1



Sn 189.989 {478}

Date of Fit: 7/5/2017 17:28:43

Type of Fit: Linear

Weighting: 1/Conc

A0 (Offset): 0.000145

Re-Slope: 1.000000

A1 (Gain): 0.070288

Y-int: 0.000000

A2 (Curvature): 0.000000

n (Exponent): 1.000000

Correlation: 0.999937

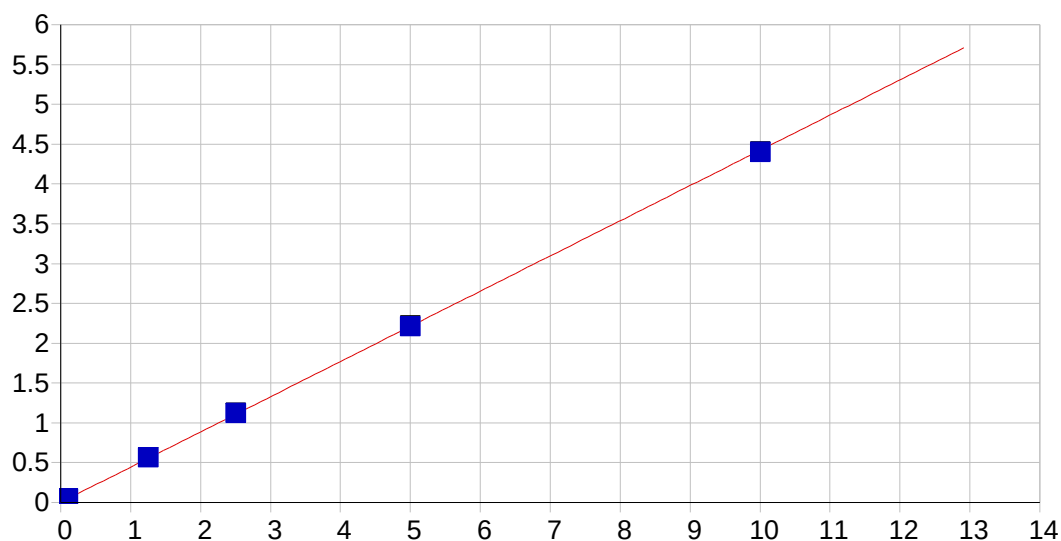
Status: OK.

Std Error of Est: 0.000011

Predicted MDL: 0.001282

Predicted MQL: 0.004273

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	.00015	.000	1
S1	.00700	.00641	-.001	-8.49	.00059	.000	1
S2	1.2500	1.2095	-.040	-3.24	.08509	.000	1
S3	2.5000	2.4790	-.021	-.839	.17425	.001	1
S4	5.0000	4.9772	-.023	-.457	.34970	.002	1
S5	10.000	10.085	.085	.849	.70844	.002	1



Ti 336.121 {100}

Date of Fit: 7/5/2017 17:28:43

Type of Fit: Linear

Weighting: 1/Conc

A0 (Offset): 0.001888

Re-Slope: 1.000000

A1 (Gain): 0.442054

Y-int: 0.000000

A2 (Curvature): 0.000000

n (Exponent): 1.000000

Correlation: 0.999952

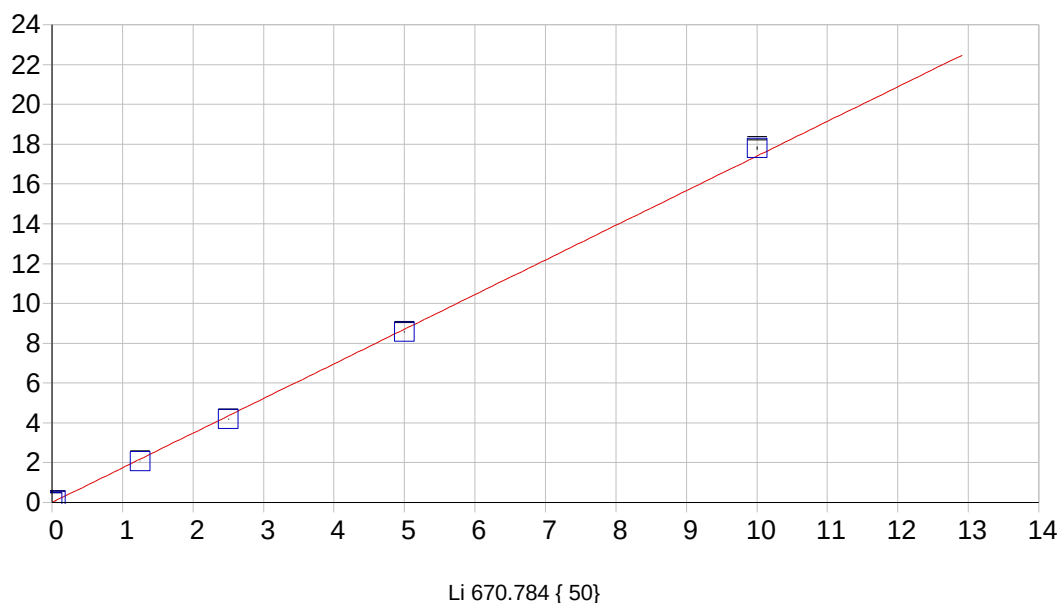
Status: OK.

Std Error of Est: 0.000231

Predicted MDL: 0.000872

Predicted MQL: 0.002908

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00001	.000	.000	.00188	.000	1
S1	.10000	.10967	.010	9.67	.05036	.000	1
S2	1.2500	1.2689	.019	1.51	.56263	.001	1
S3	2.5000	2.5286	.029	1.14	1.1193	.004	1
S4	5.0000	4.9946	-.005	-.107	2.2090	.006	1
S5	10.000	9.9482	-.052	-.518	4.3980	.001	1



Date of Fit: 7/5/2017 17:28:43

Type of Fit: Linear

Weighting: 1/Conc

A0 (Offset): 0.003385

Re-Slope: 1.000000

A1 (Gain): 1.739835

Y-int: 0.000000

A2 (Curvature): 0.000000

n (Exponent): 1.000000

Correlation: 0.999660

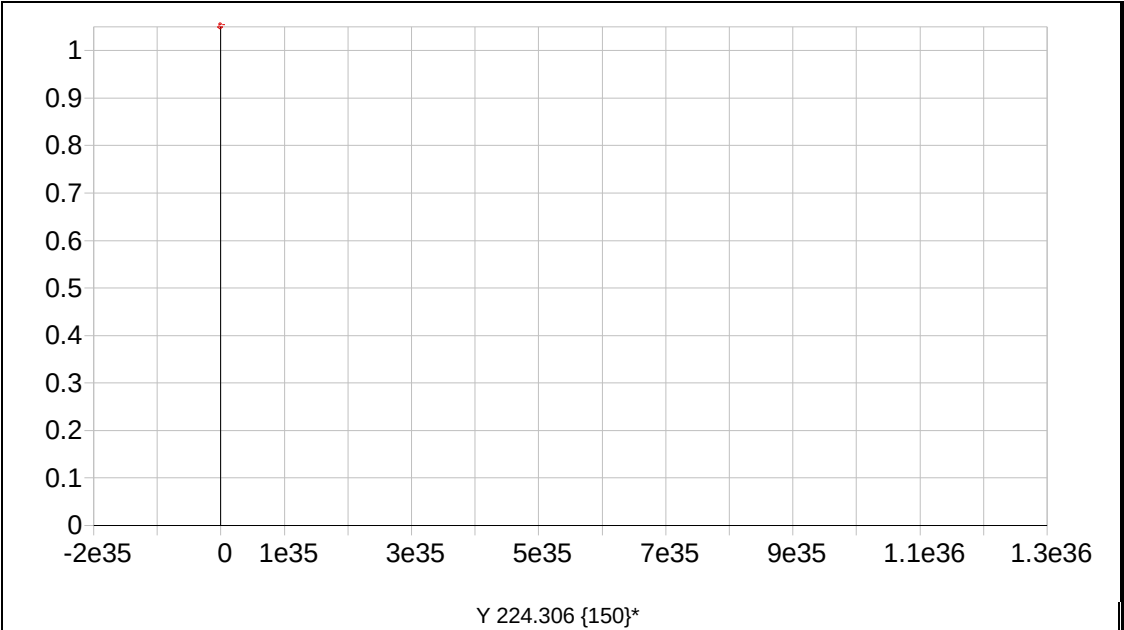
Status: OK.

Std Error of Est: 0.001704

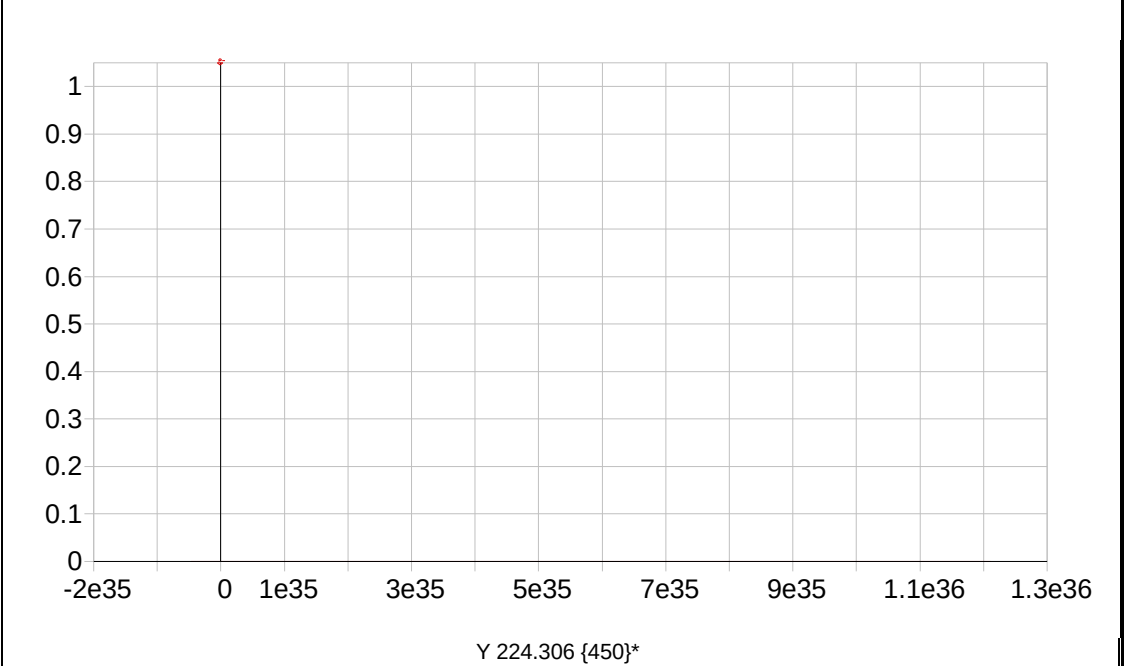
Predicted MDL: 0.000677

Predicted MQL: 0.002255

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	.00339	.000	1
S5	10.000	10.228	.228	2.28	17.799	.085	1
S4	5.0000	4.9272	-.073	-1.46	8.5758	.025	1
S3	2.5000	2.4012	-.099	-3.95	4.1811	.005	1
S2	1.2500	1.1928	-.057	-4.58	2.0786	.004	1
S1	.05000	.05044	.000	.882	.09114	.001	1



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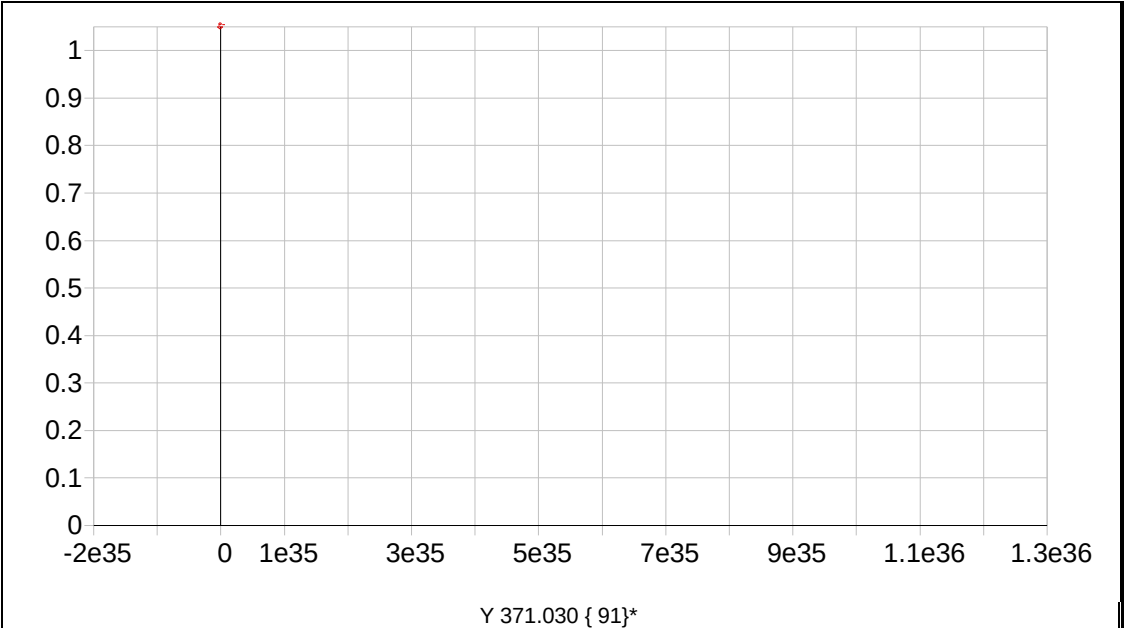


Status: Warning Zero Gain

$$Y\ 360.073\ \{94\}^*$$

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			

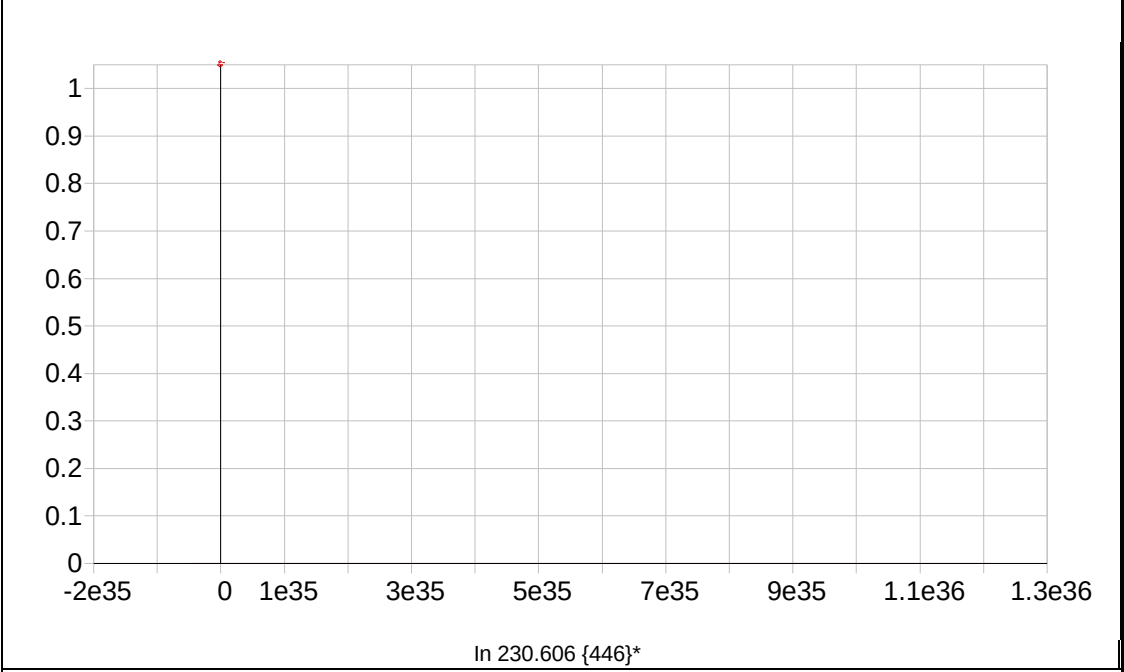
Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
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Date of Fit: <not fit> Type of Fit: Linear Weighting: 1/Conc

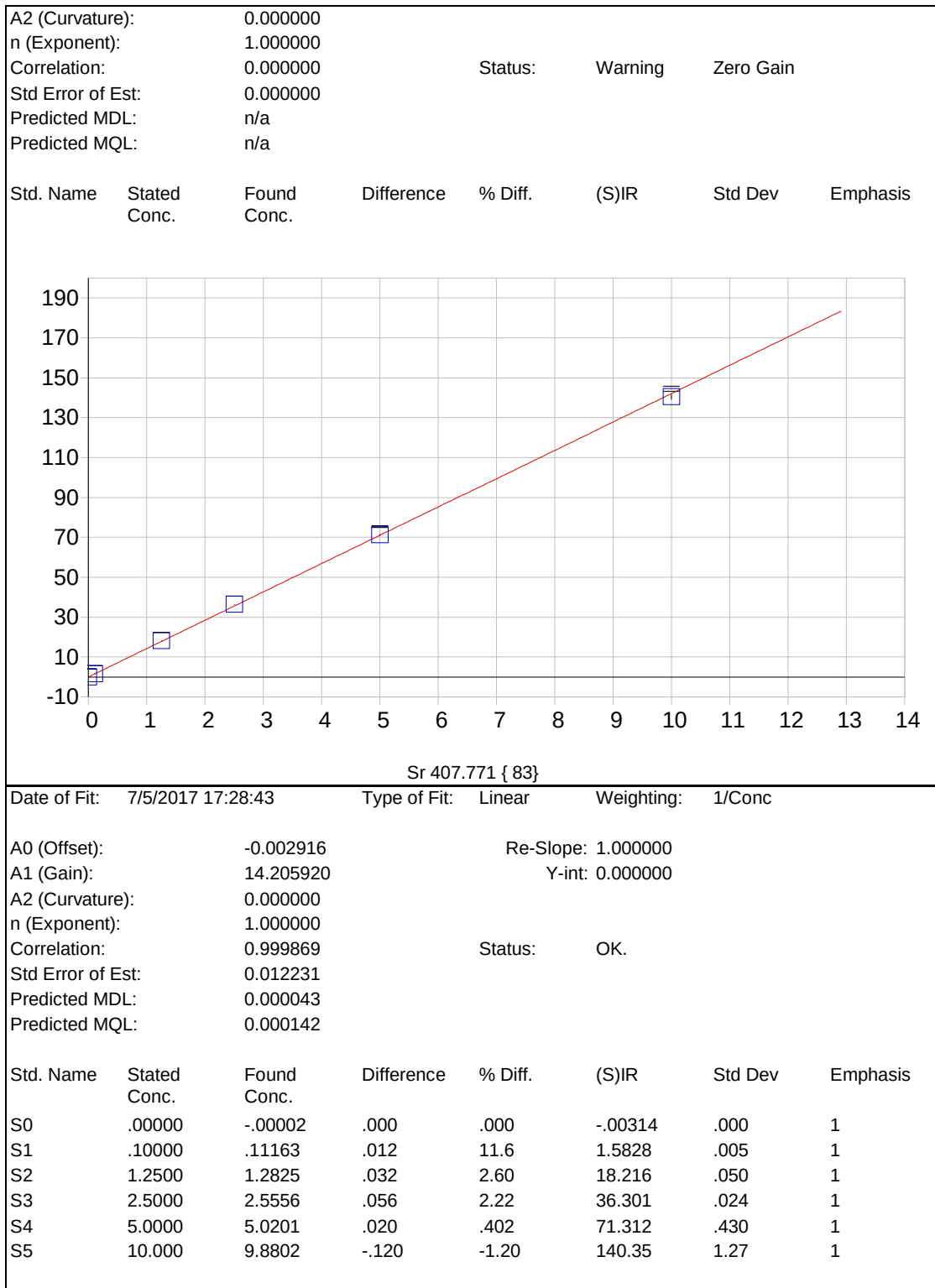
A0 (Offset): 0.000000 Re-Slope: 1.000000
A1 (Gain): 0.000000 Y-int: 0.000000
A2 (Curvature): 0.000000
n (Exponent): 1.000000
Correlation: 0.000000 Status: Warning Zero Gain
Std Error of Est: 0.000000
Predicted MDL: n/a
Predicted MQL: n/a

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: 7/5/2017 13:53:50 Type: Cal
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v48) Mode: IR Corr. Factor: 1.000000
User: JASWAL Custom ID1: S0 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	-.00023	-.00016	.00033	.00019	-.00025	.00017	-.10772	-.00217
Stddev	.00008	.00012	.00007	.00016	.00018	.00046	.00271	.00025
%RSD	32.596	76.098	20.102	84.437	71.135	273.34	2.5137	11.361

#1	-.00031	-.00003	.00029	.00018	-.00015	-.00036	-.11019	-.00199
#2	-.00016	-.00017	.00041	.00003	-.00046	.00035	-.10482	-.00208
#3	-.00024	-.00028	.00029	.00035	-.00015	.00051	-.10814	-.00245

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	.00015	.00134	.00063	-.00042	.00141	.00007	-.00010	-.00022
Stddev	.00005	.00034	.00007	.00017	.00018	.00006	.00015	.00003
%RSD	30.722	25.611	11.628	40.270	12.821	81.705	151.25	14.732

#1	.00017	.00161	.00072	-.00053	.00140	.00000	.00004	-.00024
#2	.00018	.00146	.00062	-.00051	.00123	.00011	-.00027	-.00024
#3	.00010	.00095	.00057	-.00023	.00159	.00011	-.00008	-.00018

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	-.00021	-.00026	-.00350	-.00028	-.00032	.02616	-.00082	.00072
Stddev	.00011	.00012	.00088	.00011	.00021	.00130	.00006	.00024
%RSD	54.645	45.187	25.273	40.075	65.050	4.9830	7.9154	33.466

#1	-.00030	-.00037	-.00298	-.00015	-.00055	.02530	-.00075	.00098
#2	-.00023	-.00013	-.00299	-.00036	-.00014	.02551	-.00081	.00068
#3	-.00008	-.00028	-.00452	-.00033	-.00028	.02766	-.00088	.00050

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	.00013	.00140	.00206	.00015	.00188	.00339	-.00314	
Stddev	.00019	.00003	.00005	.00009	.00020	.00029	.00016	
%RSD	147.54	2.3631	2.4325	62.340	10.860	8.4782	4.9805	

#1	.00034	.00140	.00207	.00023	.00186	.00309	-.00332	
#2	.00004	.00143	.00211	.00015	.00169	.00366	-.00308	
#3	.00000	.00136	.00201	.00005	.00210	.00342	-.00302	

Sample Name: S0 Acquired: 7/5/2017 13:53:50 Type: Cal
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v48) Mode: IR Corr. Factor: 1.000000
User: JASWAL Custom ID1: S0 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	1255.9	1894.3	40350.	6428.7	3483.3
Stddev	6.3	12.2	118.	19.0	18.2
%RSD	.50110	.64579	.29309	.29537	.52391
#1	1262.1	1888.1	40429.	6447.0	3471.7
#2	1249.5	1886.3	40408.	6409.1	3473.7
#3	1256.1	1908.3	40214.	6430.1	3504.3

Sample Name: S1 Acquired: 7/5/2017 13:57:59 Type: Cal
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v48) Mode: IR Corr. Factor: 1.000000
 User: JASWAL Custom ID1: S1 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	.00031	.00152	.00230	.00247	.01169	.01989	.76391	.01615
Stddev	.00006	.00012	.00012	.00011	.00019	.00060	.00024	.00044
%RSD	20.083	8.1475	5.3489	4.2610	1.6185	3.0247	.03185	2.7306

#1	.00027	.00139	.00227	.00235	.01181	.02057	.76363	.01618
#2	.00028	.00151	.00220	.00256	.01179	.01944	.76410	.01657
#3	.00038	.00164	.00244	.00250	.01147	.01967	.76399	.01569

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	.00691	.23929	.00163	.03559	.00715	.00170	.00506	.03143
Stddev	.00015	.00139	.00004	.00044	.00041	.00011	.00036	.00027
%RSD	2.2357	.58196	2.6535	1.2343	5.7671	6.6416	7.0197	.85481

#1	.00675	.23785	.00159	.03593	.00671	.00157	.00530	.03146
#2	.00694	.24063	.00168	.03574	.00720	.00177	.00465	.03169
#3	.00705	.23937	.00163	.03509	.00753	.00176	.00523	.03115

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	.02031	.00296	.04952	.00419	.00526	.22146	-.00022	.00507
Stddev	.00015	.00006	.00030	.00018	.00089	.00064	.00003	.00035
%RSD	.76073	1.9566	.60912	4.3427	16.875	.28861	12.734	6.9593

#1	.02033	.00299	.04918	.00398	.00620	.22214	-.00022	.00517
#2	.02046	.00290	.04962	.00431	.00515	.22086	-.00019	.00536
#3	.02015	.00300	.04976	.00428	.00443	.22138	-.00024	.00468

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	.00780	.00303	.04151	.00059	.05036	.09114	1.5828	
Stddev	.00019	.00003	.00079	.00010	.00038	.00080	.0049	
%RSD	2.4848	.91114	1.9069	17.256	.74742	.88304	.31207	

#1	.00764	.00305	.04194	.00059	.04994	.09146	1.5855	
#2	.00802	.00304	.04060	.00048	.05067	.09175	1.5858	
#3	.00775	.00299	.04199	.00069	.05046	.09023	1.5771	

Sample Name: S1 Acquired: 7/5/2017 13:57:59 Type: Cal
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v48) Mode: IR Corr. Factor: 1.000000
User: JASWAL Custom ID1: S1 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	1241.7	1888.5	40074.	6479.8	3403.0
Stddev	5.7	10.6	117.	16.2	10.9
%RSD	.45552	.56140	.29177	.24953	.32130
#1	1242.7	1883.5	39991.	6484.2	3398.4
#2	1246.9	1881.4	40208.	6461.9	3395.1
#3	1235.7	1900.7	40022.	6493.4	3415.5

Sample Name: S2 Acquired: 7/5/2017 14:02:11 Type: Cal
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v48) Mode: IR Corr. Factor: 1.000000
User: JASWAL Custom ID1: S2 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	.06276	.08526	1.0822	.07074	.23340	3.4085	10.273	.39827
Stddev	.00046	.00051	.0102	.00096	.00185	.0095	.049	.00178
%RSD	.72625	.59467	.94334	1.3634	.79132	.27949	.47805	.44775

#1	.06281	.08561	1.0887	.07110	.23419	3.4135	10.320	.39784
#2	.06318	.08549	1.0876	.07146	.23472	3.4144	10.277	.39675
#3	.06227	.08468	1.0705	.06964	.23129	3.3975	10.222	.40024

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	.78911	2.7696	.49732	.43502	.82240	.55588	1.1502	.36944
Stddev	.00680	.0068	.00074	.00268	.00360	.00178	.0024	.00062
%RSD	.86174	.24625	.14873	.61688	.43720	.31995	.20501	.16748

#1	.79260	2.7722	.49811	.43672	.82346	.55792	1.1530	.36994
#2	.79346	2.7748	.49719	.43643	.82535	.55508	1.1486	.36963
#3	.78128	2.7619	.49665	.43193	.81840	.55464	1.1491	.36875

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	.30899	.09134	.37385	.04479	.30702	1.4203	.04258	.48939
Stddev	.00223	.00031	.00159	.00025	.00166	.0048	.00030	.00132
%RSD	.72038	.33482	.42651	.55202	.54180	.33539	.71375	.26926

#1	.31022	.09170	.37323	.04455	.30825	1.4257	.04291	.49074
#2	.31034	.09118	.37566	.04504	.30768	1.4185	.04253	.48811
#3	.30642	.09115	.37265	.04480	.30513	1.4167	.04231	.48932

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	.84113	.00786	.47457	.08509	.56263	2.0786	18.216	
Stddev	.00602	.00018	.00209	.00049	.00089	.0041	.050	
%RSD	.71594	2.2633	.44052	.57863	.15884	.19787	.27658	

#1	.84452	.00806	.47612	.08546	.56281	2.0790	18.274	
#2	.84469	.00777	.47219	.08528	.56343	2.0825	18.188	
#3	.83418	.00774	.47540	.08453	.56167	2.0743	18.185	

Sample Name: S2 Acquired: 7/5/2017 14:02:11 Type: Cal
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v48) Mode: IR Corr. Factor: 1.000000
 User: JASWAL Custom ID1: S2 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	1189.3	1803.3	38361.	6395.4	2961.0
Stddev	1.2	15.4	65.	17.6	29.1
%RSD	.10090	.85571	.17009	.27498	.98293
#1	1188.2	1793.0	38292.	6377.7	2939.7
#2	1190.6	1795.8	38371.	6412.9	2949.2
#3	1189.3	1821.0	38421.	6395.5	2994.2

Sample Name: S3 Acquired: 7/5/2017 14:06:07 Type: Cal
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v48) Mode: IR Corr. Factor: 1.000000
User: JASWAL Custom ID1: S3 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	.12709	.16720	2.1805	.14031	.47194	6.9029	20.851	.79736
Stddev	.00096	.00210	.0063	.00177	.00441	.0107	.031	.00335
%RSD	.75764	1.2564	.28905	1.2588	.93433	.15431	.14731	.41991

#1	.12757	.16892	2.1848	.14194	.47418	6.8919	20.820	.79589
#2	.12771	.16781	2.1835	.14055	.47478	6.9038	20.881	.79501
#3	.12598	.16486	2.1733	.13843	.46686	6.9131	20.853	.80120

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	1.6068	5.5191	.98290	.88852	1.6545	1.0900	2.2497	.74439
Stddev	.0022	.0220	.00289	.00217	.0012	.0034	.0091	.00360
%RSD	.13947	.39784	.29423	.24371	.07153	.30991	.40313	.48343

#1	1.6091	5.5024	.98528	.89053	1.6539	1.0874	2.2432	.74089
#2	1.6065	5.5109	.97968	.88881	1.6559	1.0889	2.2460	.74419
#3	1.6047	5.5439	.98374	.88623	1.6537	1.0939	2.2601	.74808

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	.62780	.18506	.75693	.08961	.62219	2.8721	.09025	.95799
Stddev	.00234	.00057	.00148	.00014	.00372	.0031	.00231	.00459
%RSD	.37261	.31004	.19509	.16027	.59732	.10792	2.5550	.47912

#1	.62931	.18566	.75597	.08946	.62116	2.8691	.09184	.95326
#2	.62900	.18451	.75863	.08974	.62631	2.8719	.09131	.95831
#3	.62511	.18502	.75618	.08965	.61909	2.8752	.08761	.96242

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	1.6640	.01500	.93428	.17425	1.1193	4.1811	36.301	
Stddev	.0119	.00020	.00705	.00121	.0044	.0051	.024	
%RSD	.71660	1.3289	.75417	.69249	.38967	.12266	.06545	

#1	1.6733	.01505	.92883	.17520	1.1143	4.1783	36.308	
#2	1.6682	.01517	.93177	.17466	1.1211	4.1871	36.275	
#3	1.6506	.01478	.94223	.17289	1.1224	4.1781	36.320	

Sample Name: S3 Acquired: 7/5/2017 14:06:07 Type: Cal
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v48) Mode: IR Corr. Factor: 1.000000
User: JASWAL Custom ID1: S3 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	1163.0	1741.3	37417.	6339.2	2737.3
Stddev	7.3	12.2	146.	5.2	13.1
%RSD	.62703	.69905	.39046	.08276	.48000
#1	1164.5	1731.6	37267.	6344.1	2727.4
#2	1155.1	1737.5	37424.	6339.9	2732.3
#3	1169.4	1755.0	37559.	6333.7	2752.2

Sample Name: S4 Acquired: 7/5/2017 14:10:00 Type: Cal
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v48) Mode: IR Corr. Factor: 1.000000
User: JASWAL Custom ID1: S4 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	.25571	.31660	4.3091	.27753	.95124	14.028	40.732	1.5751
Stddev	.00233	.00272	.0342	.00301	.00933	.026	.218	.0089
%RSD	.91135	.85889	.79288	1.0856	.98093	.18340	.53588	.56366

#1	.25630	.31728	4.3275	.27885	.95750	14.037	40.481	1.5767
#2	.25768	.31892	4.3301	.27966	.95571	14.049	40.835	1.5830
#3	.25314	.31361	4.2697	.27408	.94052	14.000	40.880	1.5655

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	3.2024	10.986	1.8728	1.7902	3.3009	2.1170	4.3564	1.4912
Stddev	.0264	.059	.0028	.0148	.0125	.0079	.0267	.0077
%RSD	.82442	.53304	.14927	.82558	.37994	.37516	.61207	.51829

#1	3.2055	10.919	1.8710	1.7983	3.3112	2.1088	4.3256	1.4829
#2	3.2271	11.012	1.8760	1.7993	3.3044	2.1176	4.3717	1.4983
#3	3.1746	11.026	1.8714	1.7732	3.2869	2.1246	4.3719	1.4923

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	1.2438	.38228	1.5231	.17586	1.2880	5.7941	.18369	1.8493
Stddev	.0093	.00102	.0005	.00020	.0094	.0268	.00133	.0100
%RSD	.74600	.26589	.03343	.11363	.72711	.46348	.72575	.53789

#1	1.2479	.38257	1.5225	.17607	1.2893	5.7968	.18320	1.8449
#2	1.2503	.38115	1.5236	.17567	1.2780	5.8194	.18521	1.8607
#3	1.2332	.38311	1.5231	.17585	1.2966	5.7659	.18268	1.8422

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	3.2553	.02998	1.8211	.34970	2.2090	8.5758	71.312	
Stddev	.0311	.00007	.0116	.00241	.0062	.0255	.430	
%RSD	.95420	.23472	.63638	.68873	.28057	.29685	.60333	

#1	3.2633	.03006	1.8101	.35050	2.2088	8.6048	71.201	
#2	3.2815	.02993	1.8332	.35161	2.2154	8.5571	71.787	
#3	3.2210	.02996	1.8199	.34700	2.2030	8.5656	70.949	

Sample Name: S4 Acquired: 7/5/2017 14:10:00 Type: Cal
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v48) Mode: IR Corr. Factor: 1.000000
 User: JASWAL Custom ID1: S4 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	1085.7	1656.3	36033.	6236.8	2498.1
Stddev	10.1	18.1	134.	27.0	26.6
%RSD	.92949	1.0911	.37194	.43357	1.0643
#1	1074.9	1642.9	35907.	6238.9	2475.4
#2	1094.8	1649.3	36174.	6208.8	2491.5
#3	1087.5	1676.9	36018.	6262.8	2527.3

Sample Name: S5 Acquired: 7/5/2017 14:14:11 Type: Cal
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v48) Mode: IR Corr. Factor: 1.000000
User: JASWAL Custom ID1: S5 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	.53262	.61938	8.6782	.56500	1.9851	29.053	81.981	3.2166
Stddev	.00128	.00152	.0104	.00065	.0012	.015	.363	.0033
%RSD	.24122	.24506	.11953	.11464	.05943	.05013	.44270	.10338

#1	.53114	.62046	8.6728	.56480	1.9849	29.068	82.283	3.2128
#2	.53333	.61765	8.6717	.56447	1.9864	29.053	81.578	3.2188
#3	.53339	.62004	8.6902	.56572	1.9841	29.039	82.081	3.2181

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	6.4626	22.077	3.6440	3.6354	6.7619	4.1289	8.5463	2.9865
Stddev	.0098	.089	.0104	.0013	.0194	.0130	.0206	.0056
%RSD	.15193	.40524	.28459	.03605	.28632	.31443	.24094	.18622

#1	6.4559	22.042	3.6477	3.6340	6.7662	4.1276	8.5468	2.9820
#2	6.4581	22.011	3.6323	3.6357	6.7787	4.1166	8.5254	2.9847
#3	6.4739	22.179	3.6520	3.6366	6.7407	4.1425	8.5665	2.9927

Elem	Ni2316	Ag3280	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2.4920	.82361	3.0990	.34757	2.6742	11.915	.39435	3.5645
Stddev	.0025	.00092	.0041	.00221	.0122	.045	.00228	.0048
%RSD	.10050	.11205	.13119	.63524	.45580	.37794	.57715	.13478

#1	2.4913	.82259	3.1028	.34918	2.6728	11.943	.39622	3.5617
#2	2.4899	.82439	3.0996	.34505	2.6628	11.938	.39181	3.5700
#3	2.4948	.82384	3.0947	.34848	2.6871	11.863	.39502	3.5616

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	6.4750	.06235	3.6166	.70844	4.3980	17.799	140.35	
Stddev	.0079	.00018	.0099	.00238	.0008	.085	1.27	
%RSD	.12240	.28596	.27434	.33587	.01820	.47884	.90145	

#1	6.4707	.06226	3.6123	.70787	4.3976	17.788	139.71	
#2	6.4702	.06224	3.6096	.70639	4.3975	17.889	139.54	
#3	6.4842	.06256	3.6280	.71105	4.3989	17.720	141.81	

Sample Name: S5 Acquired: 7/5/2017 14:14:11 Type: Cal
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v48) Mode: IR Corr. Factor: 1.000000
User: JASWAL Custom ID1: S5 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	1007.5	1519.9	34190.	6085.6	2190.4
Stddev	1.5	.5	29.	9.7	1.9
%RSD	.14909	.03267	.08547	.15995	.08775
#1	1006.7	1520.3	34185.	6080.4	2188.2
#2	1006.7	1519.3	34221.	6096.8	2191.3
#3	1009.3	1520.0	34164.	6079.6	2191.7

Sample Name: S6 Acquired: 7/5/2017 14:18:18 Type: Cal
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v48) Mode: IR Corr. Factor: 1.000000
 User: JASWAL Custom ID1: S6 Custom ID2: Custom ID3:
 Comment:

Elem	Al3961	Ca3736	Fe2598	Mg2790	Na8183
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	73.650	35.549	10.527	4.6741	8.2242
Stddev	.527	.155	.042	.0230	.0297
%RSD	.71584	.43677	.40343	.49119	.36084

#1	73.656	35.595	10.536	4.6743	8.2229
#2	73.120	35.376	10.480	4.6511	8.1952
#3	74.175	35.676	10.564	4.6970	8.2545

Int. Std.	Y_3710
Units	Cts/S
Avg	5902.1
Stddev	31.0
%RSD	.52559

#1	5896.4
#2	5935.6
#3	5874.4

Sample Name: ICV Acquired: 7/5/2017 14:31:37 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v48) 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	.9702545	1.119087	.9698964	1.005294	.9744390	2.411562
Stddev	.0032802	.008639	.0023267	.004750	.0024939	.024094
%RSD	.3380740	.7719858	.2398892	.4724968	.2559308	.9991218

#1	.9739571	1.123602	.9676135	1.010532	.9715807	2.439165
#2	.9690941	1.124534	.9722645	1.001268	.9761718	2.394744
#3	.9677122	1.109126	.9698112	1.004081	.9755644	2.400778

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.5063203	.4952302	.4638107	10.16996	.5340665	.4660794
Stddev	.0054652	.0048602	.0005464	.04949	.0018495	.0002877
%RSD	1.079402	.9814005	.1178161	.4866141	.3463117	.0617333

#1	.5126257	.5006556	.4639383	10.22531	.5361518	.4657747
#2	.5033916	.4937605	.4642821	10.15460	.5326247	.4663464
#3	.5029437	.4912745	.4632118	10.12998	.5334231	.4661172

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.5059527	5.552012	.5422024	5.947989	.4841926	.4671184
Stddev	.0038538	.034178	.0059782	.031208	.0008841	.0011889
%RSD	.7616908	.6155942	1.102584	.5246758	.1825832	.2545127

#1	.5101145	5.586072	.5491042	5.978503	.4838223	.4666726
#2	.5025075	5.517718	.5386373	5.949332	.4835539	.4662168
#3	.5052360	5.552246	.5388657	5.916131	.4852016	.4684657

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	9.842613	.5402927	.9251536	9.443302	F -.014424	F -.008278
Stddev	.091210	.0012132	.0192357	.102033	.002731	.000620
%RSD	.9266878	.2245386	2.079191	1.080482	18.93738	7.496063

#1	9.821376	.5392028	.9037840	9.558585	-.013087	-.007892
#2	9.763895	.5400755	.9410843	9.364608	-.017566	-.007947
#3	9.942568	.5415998	.9305924	9.406713	-.012618	-.008993

Sample Name: ICV Acquired: 7/5/2017 14:31:37 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v48) 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 -.000352	-.104760	.0025920	F .0003835	-.000940	.0000480
Stddev	.000073	.013172	.0005230	.0014755	.000363	.0004394
%RSD	20.76527	12.57335	20.17539	384.7600	38.64977	914.6492

#1	-.000436	-.119863	.0030722	.0020873	-.000949	.0005554
#2	-.000306	-.095653	.0026689	-.000466	-.000572	-.000197
#3	-.000314	-.098764	.0020348	-.000471	-.001299	-.000214

Elem	Sr4077
Units	ppm
Avg	.0118084
Stddev	.0001670
%RSD	1.414636

#1	.0119903
#2	.0117731
#3	.0116619

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1263.511	1891.898	40438.02	6530.621	3359.152
Stddev	8.075	6.056	32.42	68.304	5.578
%RSD	.6391149	.3200832	.0801694	1.045909	.1660423

#1	1271.523	1887.205	40450.61	6453.637	3353.272
#2	1255.374	1898.734	40401.19	6554.259	3364.367
#3	1263.637	1889.755	40462.25	6583.966	3359.817

Sample Name: ICB Acquired: 7/5/2017 14:35:38 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v48) 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	-.000362	-.000720	-.000284	.0016993	.0006073	.0030336	-.000222
Stddev	.000355	.001565	.000449	.0012157	.0012117	.0016651	.000602
%RSD	98.14134	217.3803	158.0902	71.54146	199.5334	54.88865	270.7575

#1	-.000709	.000996	-.000693	.0031014	.0017528	.0039197	-.000799
#2	-.000376	-.001088	.000196	.0009388	-.000661	.0011128	.000402
#3	.000000	-.002068	-.000355	.0010577	.000730	.0040683	-.000270

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0000091	-.000016	.0048054	-.004976	-.000026	-.000064	-.001746
Stddev	.0000186	.000034	.0011872	.000424	.000235	.001179	.010374
%RSD	204.7591	213.6283	24.70595	8.518378	902.2646	1852.605	594.2389

#1	-.000012	-.000054	.0035961	-.004529	.000155	.000937	-.002394
#2	.000020	-.000005	.0059692	-.005029	-.000292	.000235	-.011780
#3	.000020	.000011	.0048509	-.005372	.000058	-.001363	.008937

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0001789	.0043509	-.000216	-.000058	-.052144	.0036837	-.005725
Stddev	.0004719	.0350749	.000203	.000207	.028997	.0021956	.004032
%RSD	263.7786	806.1610	93.62736	356.9288	55.61043	59.60233	70.43890

#1	.0007231	.0074465	-.000378	.000180	-.083020	.0054762	-.001121
#2	-.000117	.0377754	-.000281	-.000161	-.025488	.0012348	-.007422
#3	-.000070	-.032169	.000011	-.000193	-.047923	.0043400	-.008632

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.067216	.0000264	.0049396	.0001569	-.115422	-.001152	-.000412
Stddev	.007733	.0025220	.0005733	.0002020	.003946	.000336	.000520
%RSD	11.50490	9550.127	11.60688	128.7662	3.418542	29.16830	126.3419

#1	-.061817	-.001779	.0051004	-.000055	-.110891	-.000764	-.000385
#2	-.076075	-.001050	.0054152	.000347	-.118097	-.001337	-.000944
#3	-.063756	.002908	.0043030	.000179	-.117279	-.001354	.000095

Sample Name: ICB Acquired: 7/5/2017 14:35:38 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v48) 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	-.000187	.0002197	-.000016
Stddev	.000076	.0005050	.000028
%RSD	40.54084	229.8884	174.1550

#1	-.000242	.0001020	.000009
#2	-.000219	.0007730	-.000047
#3	-.000101	-.000216	-.000011

Int. Std.	Y_ 2243	Y_ 2243	Y_ 3600	Y_ 3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1307.807	1953.066	42028.20	6654.766	3601.869
Stddev	7.138	7.813	82.67	36.746	3.236
%RSD	.5457906	.4000240	.1966922	.5521801	.0898529

#1	1303.351	1949.160	41945.75	6637.669	3599.581
#2	1316.040	1962.062	42111.08	6696.946	3605.572
#3	1304.030	1947.977	42027.76	6629.683	3600.454

Sample Name: ICSA Acquired: 7/5/2017 14:39:51 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v48) 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	-.002508	-.012618	.0005102	-.016623	.0027093	247.9203
Stddev	.001763	.002312	.0018222	.003751	.0035538	.5545
%RSD	70.28451	18.32363	357.1627	22.56676	131.1717	.2236798

#1	-.003291	-.013574	-.000285	-.013280	.0035901	248.1199
#2	-.003743	-.009981	-.000779	-.015910	.0057399	248.3475
#3	-.000489	-.014298	.002595	-.020680	-.001202	247.2936

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0044535	.0011932	F .0062125	252.4129	.0423671	.0016760
Stddev	.0000644	.0001146	.0002024	.2431	.0007070	.0001636
%RSD	1.446227	9.606792	3.257771	.0963040	1.668849	9.762493

#1	.0045170	.0013256	.0062571	252.4652	.0429379	.0014873
#2	.0044554	.0011281	.0063888	252.6256	.0425871	.0017778
#3	.0043882	.0011260	.0059915	252.1480	.0415762	.0017630

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0222147	105.9624	.0156247	263.7440	.0000824	-.000066
Stddev	.0011874	.0511	.0007188	.3670	.0004562	.000537
%RSD	5.345199	.0482339	4.600246	.1391538	553.8556	817.2873

#1	.0231730	106.0202	.0155552	263.5337	.0003911	.000235
#2	.0225849	105.9439	.0163756	264.1678	.0002976	.000253
#3	.0208863	105.9231	.0149432	263.5305	-.000442	-.000685

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.2956534	.0044897	-.004735	-.150630	-.010615	F -.265977
Stddev	.1439596	.0033210	.006345	.023204	.003802	.000480
%RSD	48.69201	73.96985	133.9863	15.40463	35.81768	.1804986

#1	.3714803	.0079514	.001734	-.168506	-.009213	-.266228
#2	.3858496	.0013300	-.010948	-.124407	-.014918	-.266280
#3	.1296304	.0041878	-.004993	-.158977	-.007713	-.265424

Sample Name: ICSA Acquired: 7/5/2017 14:39:51 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v48) 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	-.000433	-.070422	-.004825	-.001432	-.001092	.0010824
Stddev	.000051	.017197	.000337	.001648	.000848	.0005105
%RSD	11.66669	24.41971	6.974307	115.1108	77.69584	47.16545

#1	-.000451	-.090279	-.005015	-.000271	-.002046	.0007891
#2	-.000376	-.060605	-.005024	-.003318	-.000422	.0007863
#3	-.000473	-.060382	-.004436	-.000706	-.000808	.0016720

Elem	Sr4077
Units	ppm
Avg	.1008261
Stddev	.0000571
%RSD	.0566214

#1	.1008124
#2	.1008888
#3	.1007771

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1154.195	1733.562	36829.85	6260.712	2689.326
Stddev	10.179	6.845	103.60	8.744	5.867
%RSD	.8819327	.3948588	.2812869	.1396573	.2181608

#1	1148.281	1731.219	36715.09	6251.022	2688.442
#2	1165.949	1728.196	36916.46	6268.012	2683.952
#3	1148.355	1741.271	36858.01	6263.100	2695.585

Sample Name: ICSAB Acquired: 7/5/2017 14:43:58 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v48) 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	.0995406	.1050161	.0469151	.0278087	.5880072	247.9542
Stddev	.0018481	.0008085	.0020032	.0048138	.0035934	.7881
%RSD	1.856661	.7698886	4.269858	17.31051	.6111206	.3178215

#1	.0988959	.1048269	.0455268	.0246623	.5899612	248.8250
#2	.0981012	.1043189	.0460068	.0333503	.5838602	247.2901
#3	.1016247	.1059024	.0492115	.0254136	.5902002	247.7474

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.5040333	.4961121	.9718930	250.3209	.5502780	.4863283
Stddev	.0013480	.0009185	.0028429	.4089	.0001569	.0005810
%RSD	.2674458	.1851419	.2925078	.1633646	.0285098	.1194608

#1	.5055462	.4968610	.9706028	250.3182	.5501682	.4862419
#2	.5029598	.4950872	.9699240	249.9133	.5502080	.4857953
#3	.5035939	.4963879	.9751522	250.7312	.5504576	.4869476

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.5173506	105.1870	.5372764	262.3488	.9752264	.1937075
Stddev	.0031394	.1834	.0022231	.8980	.0019160	.0003018
%RSD	.6068323	.1743472	.4137779	.3422963	.1964654	.1558138

#1	.5205746	105.3676	.5397668	263.3389	.9731329	.1939438
#2	.5171741	105.0009	.5354920	262.1203	.9768927	.1933675
#3	.5143032	105.1924	.5365705	261.5870	.9756537	.1938112

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.2549163	.5231394	.9720694	-.210548	-.027791	F -.265825
Stddev	.0470915	.0038903	.0162362	.009640	.002370	.002489
%RSD	18.47331	.7436455	1.670267	4.578548	8.526834	.9363500

#1	.2791110	.5270985	.9638938	-.221671	-.030144	-.267057
#2	.2849921	.5229978	.9907682	-.205372	-.025405	-.262961
#3	.2006459	.5193218	.9615461	-.204602	-.027824	-.267458

Sample Name: ICSAB Acquired: 7/5/2017 14:43:58 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v48) 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	-.001215	-.085303	-.003616	-.002350	-.001507	.0016147
Stddev	.000262	.010955	.001420	.001721	.000662	.0002920
%RSD	21.59310	12.84198	39.27133	73.23823	43.91347	18.08378

#1	-.000923	-.079544	-.002637	-.000555	-.002184	.0013671
#2	-.001430	-.078429	-.005245	-.002509	-.001476	.0019367
#3	-.001291	-.097936	-.002967	-.003987	-.000861	.0015404

Elem	Sr4077
Units	ppm
Avg	.1012749
Stddev	.0004935
%RSD	.4872936

#1	.1018260
#2	.1011249
#3	.1008738

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1156.657	1728.665	36947.53	6282.020	2688.073
Stddev	3.707	8.822	128.24	24.181	11.940
%RSD	.3204913	.5103374	.3470775	.3849241	.4441827

#1	1153.569	1719.282	36800.24	6254.215	2674.558
#2	1155.634	1729.923	37008.04	6298.131	2692.471
#3	1160.768	1736.791	37034.32	6293.714	2697.191

Sample Name: CCV080 Acquired: 7/5/2017 14:47:58 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v48) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: CCV080 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.154093	5.010331	24.99782	5.029000	5.140411	414.1591
Stddev	.041470	.015257	.06392	.027243	.021683	1.4129
%RSD	.8046021	.3045074	.2556993	.5417093	.4218210	.3411570

#1	5.121491	5.011961	25.06880	5.044907	5.128380	413.4036
#2	5.140020	4.994325	24.94480	4.997544	5.127411	413.2845
#3	5.200768	5.024708	24.97986	5.044550	5.165443	415.7892

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	10.33148	.5200662	2.594558	417.4885	15.56897	2.580974
Stddev	.21657	.0043092	.009823	3.8264	.06692	.007755
%RSD	2.096202	.8285957	.3785931	.9165382	.4298220	.3004683

#1	10.37957	.5180516	2.605761	415.5906	15.49170	2.589669
#2	10.09491	.5171332	2.587419	414.9820	15.60840	2.574770
#3	10.51996	.5250137	2.590495	421.8929	15.60680	2.578484

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	15.57474	416.2027	15.42876	417.6947	2.566661	1.342470
Stddev	.02655	2.8163	.14430	3.5758	.008164	.004772
%RSD	.1704687	.6766611	.9352460	.8560720	.3180592	.3554510

#1	15.55712	414.7859	15.34481	416.1595	2.574605	1.337908
#2	15.56183	414.3762	15.34610	415.1428	2.558294	1.342075
#3	15.60528	419.4461	15.59538	421.7817	2.567085	1.347427

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	410.0602	2.560303	15.73587	156.7169	5.405072	F 4.289212
Stddev	2.8914	.018129	.05773	.4241	.018498	.029596
%RSD	.7051276	.7080725	.3668443	.2706246	.3422326	.6900089

#1	408.4743	2.549378	15.68597	156.4725	5.416926	4.272335
#2	408.3087	2.550302	15.72256	156.4716	5.383758	4.271916
#3	413.3976	2.581230	15.79909	157.2067	5.414534	4.323386

Sample Name: CCV080 Acquired: 7/5/2017 14:47:58 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v48) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: CCV080 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.081803	5.207412	5.063358	5.128288	5.104886	5.248799
Stddev	.015530	.041604	.029641	.011166	.025125	.028295
%RSD	.3056065	.7989300	.5853966	.2177343	.4921710	.5390782

#1	5.081472	5.248531	5.062570	5.140101	5.096681	5.240294
#2	5.066441	5.208365	5.034119	5.117908	5.084890	5.225732
#3	5.097496	5.165340	5.093385	5.126855	5.133088	5.280371

Elem	Sr4077
Units	ppm
Avg	5.166497
Stddev	.043345
%RSD	.8389663

#1	5.149459
#2	5.134260
#3	5.215772

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1029.912	1550.642	34172.80	6046.496	2227.881
Stddev	2.534	5.085	39.20	39.823	1.498
%RSD	.2460069	.3279485	.1147000	.6586070	.0672354

#1	1026.987	1553.918	34133.93	6044.892	2227.019
#2	1031.455	1553.225	34172.15	6087.096	2229.610
#3	1031.292	1544.784	34212.31	6007.499	2227.012

Sample Name: CCB080 Acquired: 7/5/2017 14:52:04 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v48) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: CCB080 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0012572	.0026547	-.000163	.0026562	.0002487	.0201665
Stddev	.0027170	.0012779	.000662	.0039831	.0005259	.0033613
%RSD	216.1200	48.13839	407.5603	149.9550	211.4150	16.66758

#1	-.000332	.0041216	.000561	-.000021	-.000313	.0232286
#2	-.000291	.0020606	-.000738	.000756	.000331	.0165700
#3	.004394	.0017820	-.000311	.007234	.000729	.0207008

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0001526	.0000532	-.000052	.0167533	-.005111	.0000637
Stddev	.0001454	.0000147	.000069	.0049824	.000258	.0001813
%RSD	95.28268	27.63218	132.8275	29.73985	5.046330	284.6658

#1	.0002179	.0000439	-.000112	.0128512	-.004833	-.000064
#2	.0002538	.0000456	-.000069	.0150431	-.005342	.000271
#3	-.000014	.0000702	.000024	.0223655	-.005159	-.000016

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0009932	.0112919	.0001671	.0017028	.0001262	-.000041
Stddev	.0006499	.0050309	.0005850	.0129698	.0000114	.000087
%RSD	65.43848	44.55304	349.9877	761.6589	9.039875	214.3107

#1	.0007341	.0127632	-.000467	.0043908	.0001219	-.000125
#2	.0017327	.0154231	.000687	.0131180	.0001392	.000049
#3	.0005128	.0056894	.000281	-.012400	.0001176	-.000047

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.172391	.0028995	-.006323	-.032776	.0014603	F .0108722
Stddev	.015653	.0010489	.000427	.009064	.0003444	.0010899
%RSD	9.079741	36.17465	6.753893	27.65519	23.58503	10.02430

#1	-.166029	.0019613	-.006601	-.040244	.0013431	.0117816
#2	-.160921	.0040320	-.005831	-.035392	.0011897	.0111708
#3	-.190223	.0027054	-.006537	-.022691	.0018480	.0096641

Sample Name: CCB080 Acquired: 7/5/2017 14:52:04 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v48) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: CCB080 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0008560	-.125649	-.000605	.0009305	-.000311	.0002827
Stddev	.0001242	.014736	.000307	.0009318	.000781	.0004975
%RSD	14.50385	11.72814	50.77650	100.1430	250.8371	175.9663

#1	.0009396	-.135512	-.000425	.0019452	.000465	.0008378
#2	.0009151	-.108709	-.000430	.0001131	-.000302	-.000123
#3	.0007133	-.132726	-.000960	.0007332	-.001097	.000133

Elem	Sr4077
Units	ppm
Avg	.0000724
Stddev	.0000532
%RSD	73.52230

#1	.0000990
#2	.0001071
#3	.0000111

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1288.692	1928.670	41484.75	6594.345	3547.223
Stddev	6.490	1.824	127.67	15.268	4.122
%RSD	.5035909	.0945811	.3077472	.2315280	.1162077

#1	1281.787	1929.303	41338.89	6578.089	3551.489
#2	1294.666	1926.613	41576.20	6596.565	3546.920
#3	1289.622	1930.093	41539.17	6608.382	3543.262

Sample Name: PB100357BL Acquired: 7/5/2017 14:56:14 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v48) Mode: CONC Corr. Factor: 1.000000
 User: JASWAL Custom ID1: PBW001 Custom ID2: Custom ID3:
 Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.001959	.0011587	-.000972	-.000026	.0007593	.0064164	-.000818
Stddev	.000199	.0004203	.000283	.002452	.0004064	.0030159	.000281
%RSD	10.17918	36.27110	29.07361	9483.673	53.53227	47.00335	34.29138

#1	-.001800	.0008943	-.001024	-.002851	.0002945	.0089003	-.001140
#2	-.001895	.0016433	-.000667	.001549	.0009349	.0072884	-.000689
#3	-.002183	.0009384	-.001225	.001225	.0010484	.0030606	-.000625

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0001091	-.000041	-.002085	-.005501	.0000473	.0001764	-.006202
Stddev	.0000468	.000044	.005289	.000462	.0001568	.0011149	.009600
%RSD	42.92085	105.4385	253.7047	8.399231	331.4970	631.9327	154.7841

#1	.0000681	-.000092	-.008183	-.005536	.0000214	.0014194	.001814
#2	.0000990	-.000015	.000679	-.005945	.0002155	-.000735	-.003580
#3	.0001601	-.000017	.001250	-.005023	-.000095	-.000155	-.016840

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0003464	.0195309	-.000190	-.000065	-.165234	.0004263	-.002309
Stddev	.0001070	.0204531	.000364	.000330	.034143	.0013559	.006961
%RSD	30.89475	104.7220	191.7441	509.4068	20.66342	318.0199	301.5272

#1	.0003461	.0422325	-.000067	-.000179	-.170031	.0003680	.000986
#2	.0002395	.0138198	-.000599	-.000323	-.128947	-.000899	.002394
#3	.0004535	.0025403	.000097	.000307	-.196725	.001811	-.010305

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.050835	-.000449	.0058984	.0003716	-.128768	-.000421	-.000867
Stddev	.030774	.000904	.0004764	.0001291	.004117	.000748	.001121
%RSD	60.53709	201.1525	8.076007	34.73449	3.197494	177.4256	129.3929

#1	-.085990	.000531	.0060574	.0003319	-.133400	.000318	.000038
#2	-.037741	-.000630	.0053629	.0005159	-.125525	-.001177	-.002121
#3	-.028773	-.001249	.0062749	.0002670	-.127377	-.000405	-.000517

Sample Name: PB100357BL Acquired: 7/5/2017 14:56:14 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v48) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: PBW001 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	-.000306	-.000041	.0000112
Stddev	.000588	.000405	.0000192
%RSD	192.1997	991.7888	171.6165

#1	-.000461	-.000075	.0000046
#2	.000344	.000380	-.000004
#3	-.000800	-.000428	.000033

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1269.154	1913.656	41177.48	6472.960	3522.379
Stddev	12.705	10.450	181.36	15.585	15.423
%RSD	1.001053	.5460865	.4404415	.2407731	.4378715

#1	1255.407	1921.244	40973.08	6455.013	3532.377
#2	1280.463	1917.988	41319.16	6480.782	3530.144
#3	1271.591	1901.736	41240.21	6483.086	3504.616

Sample Name: PB100357BS Acquired: 7/5/2017 15:00:25 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v48) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: LCS001 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0221255	.0649210	.0215146	.0793320	.1310593	.4252631
Stddev	.0039291	.0017091	.0003134	.0011364	.0012947	.0049934
%RSD	17.75823	2.632560	1.456870	1.432498	.9878629	1.174195

#1	.0180643	.0668410	.0217698	.0786708	.1319267	.4291976
#2	.0259076	.0643561	.0211647	.0786810	.1295712	.4269461
#3	.0224046	.0635658	.0216092	.0806443	.1316801	.4196457

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.4341686	.0116492	.0105279	10.97524	.0193481	.1015680
Stddev	.0027882	.0001252	.0001870	.05857	.0007808	.0014391
%RSD	.6421903	1.074303	1.776034	.5336814	4.035566	1.416848

#1	.4373861	.0117365	.0107263	11.04162	.0198437	.1031788
#2	.4326571	.0117052	.0103549	10.93082	.0197526	.1004091
#3	.4324625	.0115058	.0105025	10.95327	.0184480	.1011163

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0534714	.2448065	.0352847	10.78782	.0843834	.0212339
Stddev	.0010525	.0107609	.0004435	.13525	.0012419	.0003920
%RSD	1.968350	4.395659	1.256880	1.253685	1.471689	1.846197

#1	.0543846	.2479113	.0357944	10.93106	.0857936	.0209385
#2	.0537093	.2536737	.0349871	10.66231	.0834530	.0216787
#3	.0523203	.2328346	.0350726	10.77009	.0839037	.0210846

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	10.59876	.1184738	.1391970	9.701250	F .0313892	F .0285432
Stddev	.15415	.0020791	.0054315	.059784	.0015042	.0006472
%RSD	1.454442	1.754936	3.901985	.6162485	4.792009	2.267504

#1	10.77672	.1176561	.1454304	9.758067	.0297526	.0291781
#2	10.50661	.1208375	.1354811	9.638886	.0327113	.0278843
#3	10.51294	.1169279	.1366796	9.706797	.0317035	.0285671

Sample Name: PB100357BS Acquired: 7/5/2017 15:00:25 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v48) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: LCS001 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0243149	.5401209	.2261398	F .0123088	.2201059	.1006184
Stddev	.0001951	.0149670	.0046181	.0004094	.0008433	.0005415
%RSD	.8022273	2.771054	2.042154	3.325914	.3831313	.5382093

#1	.0245261	.5440125	.2314650	.0126410	.2210260	.1012026
#2	.0242768	.5235925	.2237200	.0124339	.2199219	.1005193
#3	.0241416	.5527579	.2232345	.0118514	.2193698	.1001332

Elem	Sr4077
Units	ppm
Avg	.2230424
Stddev	.0016111
%RSD	.7223118

#1	.2248359
#2	.2217178
#3	.2225735

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1255.781	1837.542	40437.29	6587.090	3309.733
Stddev	6.493	24.331	118.39	49.705	44.231
%RSD	.5170721	1.324093	.2927858	.7545875	1.336388

#1	1253.708	1820.471	40468.01	6533.620	3274.895
#2	1250.578	1865.401	40306.56	6631.890	3359.496
#3	1263.058	1826.753	40537.29	6595.758	3294.808

Sample Name: I3892-01 Acquired: 7/5/2017 15:04:35 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v48) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MA4XC6 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0007077	.0000076	.0008915	.0042734	.0017504	.0214608	.0521229
Stddev	.0010222	.0017245	.0012639	.0063708	.0002461	.0020834	.0001602
%RSD	144.4529	22552.82	141.7803	149.0804	14.05783	9.707846	.3072805

#1	.0018772	.0019794	-.000239	.0020691	.0016015	.0227775	.0522773
#2	.0002613	-.001219	.002256	-.000703	.0016152	.0225462	.0519575
#3	-.000015	-.000738	.000658	.011454	.0020344	.0190589	.0521340

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0000878	.0002718	47.30073	-.005778	-.000841	.0018342	3.738977
Stddev	.0000659	.0001328	.21580	.000445	.000217	.0009639	.017546
%RSD	75.00812	48.87153	.4562374	7.702157	25.78697	52.54952	.4692728

#1	.0000979	.0001184	47.52438	-.005871	-.000635	.0028705	3.748085
#2	.0001481	.0003482	47.28407	-.005293	-.001067	.0009645	3.750096
#3	.0000175	.0003488	47.09373	-.006169	-.000822	.0016676	3.718750

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.3312460	29.38194	.0006220	-.000013	104.2581	.0023498	.2163650
Stddev	.0046291	.15068	.0004384	.000195	.2863	.0003757	.0066678
%RSD	1.397486	.5128472	70.48277	1527.553	.2745860	15.98900	3.081726

#1	.3363757	29.21343	.0004796	.000166	104.0844	.0023092	.2196712
#2	.3273799	29.50374	.0011140	.000016	104.1014	.0019960	.2207335
#3	.3299823	29.42865	.0002725	-.000221	104.5885	.0027441	.2086901

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.804055	-.000994	.0357006	.0049288	88.25631	3.092274	-.002201
Stddev	.023606	.002479	.0005399	.0002660	.24854	.010104	.001002
%RSD	1.308521	249.3728	1.512150	5.396116	.2816075	.3267641	45.51216

#1	1.777642	.001102	.0357516	.0048605	88.00621	3.103670	-.001063
#2	1.823094	-.000353	.0351370	.0047037	88.25946	3.088740	-.002590
#3	1.811430	-.003730	.0362131	.0052223	88.50325	3.084411	-.002950

Sample Name: I3892-01 Acquired: 7/5/2017 15:04:35 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v48) Mode: CONC Corr. Factor: 1.000000
 User: JASWAL Custom ID1: MA4XC6 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	-.000674	.0173594	1.625095
Stddev	.000692	.0002734	.007913
%RSD	102.5885	1.575030	.4869460

#1	-.000715	.0170529	1.616326
#2	.000037	.0175781	1.627255
#3	-.001345	.0174474	1.631704

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1177.459	1766.202	37930.00	6453.426	3037.888
Stddev	7.582	4.838	96.19	7.137	5.365
%RSD	.6439542	.2739131	.2535958	.1105860	.1765936

#1	1174.341	1765.871	38020.97	6454.415	3038.523
#2	1171.934	1771.197	37829.32	6445.847	3042.907
#3	1186.104	1761.539	37939.70	6460.017	3032.234

Sample Name: I3892-02 Acquired: 7/5/2017 15:08:43 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v48) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MA4XC7 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0030749	-.001281	-.000028	.0020568	.0004516	.0190156	.0116245
Stddev	.0032440	.001743	.000619	.0007502	.0011057	.0030658	.0003261
%RSD	105.5009	136.1148	2173.101	36.47524	244.8367	16.12243	2.805491

#1	.0022583	-.003169	.000608	.0024708	.0016937	.0159427	.0118935
#2	.0066491	.000266	-.000627	.0025087	-.000425	.0190299	.0112618
#3	.0003172	-.000939	-.000067	.0011908	.000086	.0220742	.0117182

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0000667	.0000250	47.69517	-.005092	.0000946	.0004451	2.196034
Stddev	.0000068	.0000799	.13106	.000739	.0000361	.0006208	.016876
%RSD	10.27825	319.5455	.2747894	14.52124	38.16727	139.4781	.7684810

#1	.0000590	-.000012	47.58850	-.005843	.0000648	-.000247	2.195535
#2	.0000687	-.000030	47.84147	-.005068	.0000843	.000953	2.213154
#3	.0000723	.000117	47.65553	-.004365	.0001348	.000629	2.179413

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.3114519	14.24375	.0010751	-.000107	42.76892	.0021241	-.005943
Stddev	.0018954	.08186	.0001567	.000222	.23792	.0007247	.010693
%RSD	.6085780	.5747274	14.57191	208.6312	.5562945	34.11994	179.9433

#1	.3097503	14.16261	.0012392	-.000143	42.58218	.0020385	.006149
#2	.3134947	14.32632	.0010589	.000132	43.03680	.0014459	-.009824
#3	.3111107	14.24233	.0009272	-.000308	42.68778	.0028878	-.014153

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.398925	.0624630	.0223137	.0010001	47.87914	3.498681	-.003174
Stddev	.008278	.0016790	.0005970	.0001602	.24170	.000886	.001350
%RSD	.3450828	2.687920	2.675671	16.02059	.5048115	.0253369	42.51915

#1	2.390977	.0643876	.0229517	.0008237	48.15456	3.498167	-.004666
#2	2.407498	.0612986	.0217685	.0011366	47.78052	3.498171	-.002820
#3	2.398300	.0617028	.0222209	.0010401	47.70235	3.499704	-.002037

Sample Name: I3892-02 Acquired: 7/5/2017 15:08:43 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v48) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MA4XC7 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	-.000993	.0021796	.6517541
Stddev	.000436	.0002004	.0005085
%RSD	43.87993	9.194730	.0780163

#1	-.000869	.0020078	.6517420
#2	-.000633	.0021313	.6522686
#3	-.001478	.0023998	.6512518

Int. Std.	Y_ 2243	Y_ 2243	Y_ 3600	Y_ 3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1191.642	1778.474	38513.40	6426.316	3137.278
Stddev	10.166	7.852	8.65	9.801	5.324
%RSD	.8530992	.4414979	.0224533	.1525133	.1697099

#1	1203.381	1784.449	38504.23	6436.348	3137.807
#2	1185.673	1769.581	38514.56	6425.839	3131.709
#3	1185.874	1781.392	38521.40	6416.763	3142.318

Sample Name: I3892-03 Acquired: 7/5/2017 15:12:52 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v48) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MA4XF2 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0007223	.0006634	-.000142	.0028333	-.000407	.0114437	.0016808
Stddev	.0041771	.0013951	.001052	.0009152	.000579	.0026604	.0002996
%RSD	578.2967	210.2997	740.7629	32.30316	142.1894	23.24805	17.82359

#1	-.002663	-.000527	-.001134	.0031039	-.000854	.0142766	.0020165
#2	-.000561	.000319	.000962	.0018132	-.000614	.0110562	.0015855
#3	.005390	.002199	-.000255	.0035827	.000247	.0089983	.0014405

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0000221	-.000161	17.69602	-.005465	-.000758	.0030459	.1697557
Stddev	.0000600	.000112	.10536	.000440	.000010	.0012686	.0052445
%RSD	270.9482	69.62044	.5953969	8.054710	1.385531	41.65033	3.089419

#1	-.000021	-.000165	17.81742	-.005973	-.000763	.0016158	.1739697
#2	.000091	-.000270	17.62834	-.005206	-.000765	.0034862	.1638823
#3	-.000003	-.000047	17.64231	-.005215	-.000746	.0040358	.1714152

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0235071	2.977696	-.000125	.0001075	6.413036	.0027574	-.002995
Stddev	.0005833	.048852	.000136	.0003905	.080972	.0008372	.008960
%RSD	2.481575	1.640607	108.6059	363.1232	1.262616	30.36167	299.1881

#1	.0231934	3.032464	-.000175	.0003691	6.480256	.0018114	-.000457
#2	.0241801	2.962015	-.000229	.0002948	6.323145	.0030585	-.012951
#3	.0231476	2.938610	.000029	-.000341	6.435707	.0034025	.004423

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.336034	.0086468	.0089189	.0005788	2.999608	.4661748	-.002269
Stddev	.018987	.0016132	.0006086	.0000265	.019355	.0014579	.001080
%RSD	5.650321	18.65611	6.823817	4.581641	.6452407	.3127380	47.60943

#1	-.329466	.0102013	.0094925	.0005546	3.008750	.4674418	-.001247
#2	-.357433	.0087582	.0089837	.0006072	2.977375	.4645814	-.002161
#3	-.321203	.0069808	.0082805	.0005747	3.012698	.4665014	-.003400

Sample Name: I3892-03 Acquired: 7/5/2017 15:12:52 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v48) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MA4XF2 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	-.000443	-.001050	.0939674
Stddev	.000774	.000406	.0004839
%RSD	174.8155	38.71438	.5149176

#1	-.000803	-.000613	.0944713
#2	.000446	-.001120	.0935064
#3	-.000971	-.001417	.0939247

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1232.988	1856.516	40429.69	6588.693	3403.954
Stddev	7.051	5.865	30.81	24.798	7.032
%RSD	.5718574	.3159296	.0761952	.3763788	.2065829

#1	1240.616	1856.309	40450.64	6569.984	3405.264
#2	1226.708	1862.482	40394.32	6616.821	3410.239
#3	1231.642	1850.757	40444.11	6579.273	3396.359

Sample Name: I3892-04 Acquired: 7/5/2017 15:17:04 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v48) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MA4XF3 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000617	-.000699	-.000289	.0026235	-.000547	.0109779	.0016199
Stddev	.003029	.001881	.001206	.0018094	.000324	.0021920	.0003239
%RSD	490.7043	269.2791	417.4144	68.96738	59.25584	19.96743	19.99386

#1	-.004015	.000907	.000885	.0043549	-.000707	.0087626	.0019935
#2	.000361	-.000234	-.000227	.0007451	-.000174	.0110252	.0014193
#3	.001801	-.002769	-.001525	.0027706	-.000761	.0131458	.0014468

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0000290	-.000037	17.23364	-.005013	-.000624	.0007027	.1988747
Stddev	.0000477	.000113	.10518	.000067	.000175	.0009062	.0090716
%RSD	164.4918	308.8367	.6103455	1.333978	28.09193	128.9633	4.561454

#1	-.000023	-.000162	17.35495	-.004954	-.000439	.0007837	.2003110
#2	.000070	-.000007	17.16785	-.005086	-.000645	.0015657	.2071424
#3	.000040	.000059	17.17810	-.004999	-.000787	-.000241	.1891706

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0365347	2.922235	-.000272	-.000044	6.223960	.0040975	-.001023
Stddev	.0005715	.024975	.000085	.000127	.038541	.0010904	.005441
%RSD	1.564151	.8546404	31.39565	291.7954	.6192301	26.61251	531.7519

#1	.0367582	2.902878	-.000362	-.000142	6.232681	.0028396	.000502
#2	.0358853	2.950426	-.000263	.000100	6.257394	.0046778	-.007064
#3	.0369607	2.913401	-.000192	-.000089	6.181807	.0047750	.003493

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.331887	.0079268	.0091670	.0003288	2.832840	.4756025	-.001213
Stddev	.017087	.0023887	.0001767	.0001563	.041748	.0030126	.000366
%RSD	5.148402	30.13397	1.927524	47.53135	1.473726	.6334262	30.13412

#1	-.312211	.0085335	.0089750	.0002823	2.867056	.4785955	-.001593
#2	-.342988	.0052933	.0093227	.0005031	2.786323	.4725707	-.000864
#3	-.340462	.0099536	.0092034	.0002011	2.845140	.4756414	-.001182

Sample Name: I3892-04 Acquired: 7/5/2017 15:17:04 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v48) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MA4XF3 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	-.000110	-.001352	.0921948
Stddev	.000270	.000381	.0002254
%RSD	244.1415	28.19951	.2445229

#1	.000095	-.001766	.0924250
#2	-.000011	-.001015	.0921849
#3	-.000416	-.001275	.0919744

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1253.040	1876.776	40651.80	6617.869	3441.308
Stddev	2.246	12.638	84.47	29.042	21.308
%RSD	.1792447	.6733842	.2077905	.4388381	.6191738

#1	1252.449	1874.830	40704.73	6591.196	3429.660
#2	1255.522	1890.275	40696.28	6648.807	3465.900
#3	1251.149	1865.225	40554.38	6613.603	3428.363

Sample Name: I3892-05 Acquired: 7/5/2017 15:21:13 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v48) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MA4XF3D Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0014436	-.001780	-.000207	.0029982	.0001661	.0119670	.0012402
Stddev	.0025705	.001035	.000355	.0029887	.0007365	.0008840	.0003622
%RSD	178.0629	58.16009	171.8380	99.68424	443.4520	7.386970	29.20327

#1	.0032711	-.002400	-.000481	.0062625	-.000670	.0127602	.0014136
#2	.0025553	-.002355	.000194	.0003962	.000449	.0121268	.0014830
#3	-.001496	-.000585	-.000333	.0023359	.000719	.0110140	.0008239

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0000077	-.000109	17.28830	-.005221	-.000513	.0004312	.1951769
Stddev	.0000514	.000075	.12535	.000180	.000147	.0003393	.0061447
%RSD	669.3583	68.28235	.7250298	3.453878	28.58902	78.69759	3.148293

#1	-.000023	-.000045	17.16274	-.005015	-.000426	.0007508	.1882875
#2	.000067	-.000191	17.28874	-.005347	-.000683	.0000751	.1971520
#3	-.000021	-.000092	17.41343	-.005302	-.000431	.0004677	.2000913

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0366305	2.920446	.0000224	.0003417	6.352010	.0028723	.0002095
Stddev	.0002003	.027069	.0000514	.0003007	.016278	.0006988	.0004556
%RSD	.5466953	.9268721	229.8188	87.99743	.2562580	24.32878	217.4305

#1	.0365027	2.899003	.0000325	.0004871	6.370723	.0034043	.0006582
#2	.0368612	2.950862	-.000033	-.000004	6.341128	.0031317	.0002232
#3	.0365274	2.911473	.000068	.000542	6.344178	.0020809	-.000253

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.326662	.0089278	.0082585	.0004333	2.853974	.4774123	-.001386
Stddev	.013950	.0005971	.0000959	.0001273	.050679	.0041227	.000357
%RSD	4.270453	6.687585	1.160700	29.38439	1.775739	.8635408	25.73158

#1	-.328142	.0095384	.0081507	.0003536	2.797481	.4735492	-.001093
#2	-.339814	.0083453	.0083341	.0003661	2.895441	.4769350	-.001783
#3	-.312032	.0088997	.0082908	.0005801	2.868999	.4817529	-.001281

Sample Name: I3892-05 Acquired: 7/5/2017 15:21:13 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v48) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MA4XF3D Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	-.001247	-.001700	.0930635
Stddev	.000475	.000170	.0001678
%RSD	38.11252	10.01818	.1802879

#1	-.000717	-.001570	.0931136
#2	-.001386	-.001636	.0928764
#3	-.001637	-.001892	.0932006

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1230.282	1867.974	40325.73	6589.865	3430.020
Stddev	6.710	26.707	320.04	26.530	44.083
%RSD	.5454353	1.429713	.7936291	.4025840	1.285220

#1	1222.686	1898.650	39959.14	6618.695	3479.874
#2	1235.408	1855.373	40549.40	6584.418	3413.993
#3	1232.751	1849.900	40468.66	6566.481	3396.192

Sample Name: I3892-06 Acquired: 7/5/2017 15:25:20 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v48) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MA4XF3S Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0356082	.0676341	.0182712	.0531081	.0991966	1.873959	2.003034
Stddev	.0010811	.0010258	.0006932	.0028662	.0011927	.013856	.012320
%RSD	3.036050	1.516656	3.794163	5.396985	1.202397	.7393798	.6150425

#1	.0346058	.0668972	.0185944	.0509803	.0983336	1.879624	2.009422
#2	.0367537	.0671994	.0174754	.0563674	.1005576	1.884084	2.010848
#3	.0354651	.0688056	.0187438	.0519766	.0986985	1.858168	1.988832

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0500478	.0438432	16.90496	.2068271	.4536396	.2463940	1.271981
Stddev	.0004216	.0001368	.17573	.0002293	.0018911	.0041220	.011729
%RSD	.8423766	.3119556	1.039506	.1108459	.4168802	1.672929	.9220999

#1	.0503583	.0436876	17.00973	.2068313	.4516970	.2499319	1.259907
#2	.0502174	.0439441	17.00305	.2070542	.4554747	.2473824	1.283332
#3	.0495679	.0438981	16.70208	.2065958	.4537470	.2418676	1.272703

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.5656326	2.824557	.4689102	.0229134	6.235634	.5321118	.4548662
Stddev	.0051388	.047319	.0014724	.0005770	.074021	.0011817	.0069038
%RSD	.9084986	1.675256	.3140151	2.518368	1.187070	.2220853	1.517773

#1	.5692604	2.869375	.4673637	.0228642	6.251415	.5332601	.4628370
#2	.5678851	2.829215	.4702953	.0235135	6.300491	.5321759	.4509935
#3	.5597522	2.775082	.4690717	.0223625	6.154994	.5308993	.4507681

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.329130	.0008752	.0060818	.0001676	2.853866	.4702850	-.001290
Stddev	.009911	.0029891	.0005523	.0004412	.007232	.0049153	.001002
%RSD	3.011392	341.5391	9.080456	263.2546	.2534140	1.045164	77.65701

#1	-.317885	-.002337	.0060921	.0006672	2.847880	.4716522	-.002215
#2	-.332910	.003575	.0066288	-.000169	2.861902	.4743719	-.001428
#3	-.336596	.001387	.0055244	.000004	2.851817	.4648309	-.000226

Sample Name: I3892-06 Acquired: 7/5/2017 15:25:20 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v48) Mode: CONC Corr. Factor: 1.000000
 User: JASWAL Custom ID1: MA4XF3S Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	-.000696	-.001049	.0914734
Stddev	.000480	.000287	.0006360
%RSD	68.97355	27.39457	.6953309

#1	-.000278	-.001368	.0918590
#2	-.000590	-.000967	.0918220
#3	-.001220	-.000811	.0907393

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1247.744	1847.604	40674.74	6635.806	3382.948
Stddev	8.959	3.615	150.46	53.164	5.851
%RSD	.7179834	.1956568	.3699157	.8011612	.1729497

#1	1241.865	1851.420	40506.15	6603.708	3389.695
#2	1258.054	1844.231	40795.39	6606.538	3379.877
#3	1243.311	1847.160	40722.69	6697.173	3379.273

Sample Name: I3892-04LX5 Acquired: 7/5/2017 15:29:25 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v48) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MA4XF3L Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000112	-.000534	-.000865	.0049592	-.000004	.0093680	-.000701
Stddev	.003627	.001548	.000681	.0024539	.001056	.0046706	.000522
%RSD	3234.592	289.9233	78.70005	49.48117	25993.75	49.85681	74.48677

#1	.003668	-.001122	-.000248	.0029916	-.001224	.0138612	-.000597
#2	-.000440	.001222	-.000752	.0077088	.000590	.0097047	-.001267
#3	-.003564	-.001702	-.001596	.0041772	.000621	.0045382	-.000239

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0000638	-.000082	3.360023	-.005321	-.000163	.0008967	.0367694
Stddev	.0000593	.000104	.033138	.000337	.000296	.0012848	.0085495
%RSD	92.98917	126.1472	.9862520	6.341617	181.5094	143.2839	23.25175

#1	.0000469	-.000100	3.326022	-.005031	.000091	-.000537	.0466315
#2	.0000148	-.000175	3.361824	-.005242	-.000092	.001284	.0314526
#3	.0001297	.000029	3.392225	-.005692	-.000489	.001943	.0322240

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0072486	.5664174	.0000398	.0000849	1.117955	.0016245	-.000618
Stddev	.0004252	.0185800	.0001491	.0001639	.052990	.0007133	.013682
%RSD	5.866172	3.280267	374.4878	193.0194	4.739895	43.90770	2213.648

#1	.0068413	.5748916	.0001977	.0001034	1.160807	.0015900	-.011357
#2	.0076897	.5451111	-.000099	-.000087	1.134355	.0023545	-.005285
#3	.0072147	.5792495	.000020	.000239	1.058705	.0009291	.014787

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.111709	.0019043	.0043478	.0003276	.4630414	.0929580	-.000581
Stddev	.022271	.0004830	.0004125	.0001696	.0020530	.0014805	.000301
%RSD	19.93635	25.36270	9.487137	51.76379	.4433843	1.592629	51.84865

#1	-.128323	.0019604	.0047501	.0002033	.4630944	.0922044	-.000920
#2	-.086403	.0013957	.0039259	.0005208	.4650675	.0946637	-.000343
#3	-.120400	.0023567	.0043674	.0002588	.4609624	.0920060	-.000480

Sample Name: I3892-04LX5 Acquired: 7/5/2017 15:29:25 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v48) Mode: CONC Corr. Factor: 1.000000
 User: JASWAL Custom ID1: MA4XF3L Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	-.000782	.0000778	.0183008
Stddev	.000679	.0002132	.0000825
%RSD	86.85506	274.2249	.4508824

#1	-.001316	.0000561	.0183932
#2	-.001011	-.000124	.0182344
#3	-.000018	.000301	.0182747

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1245.826	1889.868	40904.15	6577.759	3497.919
Stddev	5.238	10.774	121.83	14.454	14.138
%RSD	.4204636	.5701103	.2978446	.2197353	.4041860

#1	1240.794	1902.086	40810.68	6562.231	3513.354
#2	1245.435	1881.729	40859.84	6590.821	3494.808
#3	1251.249	1885.789	41041.94	6580.225	3485.596

Sample Name: I3892-07 Acquired: 7/5/2017 15:33:33 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v48) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MA4XF4 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0004111	-.001171	-.000570	.0017311	-.000030	.0086528	.0015986
Stddev	.0040612	.002711	.000635	.0033855	.000845	.0024632	.0001892
%RSD	987.7575	231.6321	111.4753	195.5749	2802.207	28.46707	11.83334

#1	-.004229	.001372	-.001303	-.001801	-.000060	.0094358	.0018047
#2	.003316	-.004024	-.000189	.002047	.000830	.0058933	.0015580
#3	.002147	-.000859	-.000218	.004948	-.000860	.0106293	.0014329

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0000913	-.000060	18.12782	-.004846	-.000384	.0004826	.2013964
Stddev	.0000699	.000065	.12996	.000308	.000302	.0012734	.0080124
%RSD	76.60339	108.8888	.7168857	6.348333	78.69213	263.8667	3.978409

#1	.0001349	-.000050	18.24200	-.005170	-.000160	.0008940	.1980299
#2	.0000106	-.000130	18.15505	-.004558	-.000265	-.000946	.1956165
#3	.0001284	-.000000	17.98641	-.004811	-.000727	.001499	.2105428

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0330094	3.057445	.0002865	-.000016	6.723135	.0016201	.0066944
Stddev	.0003639	.051990	.0001801	.000402	.038092	.0017006	.0068364
%RSD	1.102537	1.700432	62.88288	2496.971	.5665822	104.9694	102.1205

#1	.0334231	3.063044	.0001106	-.000418	6.753716	.0031763	.0102593
#2	.0328666	3.002882	.0002783	.000387	6.680465	-.000195	-.001188
#3	.0327386	3.106409	.0004706	-.000017	6.735222	.001879	.011012

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.309421	.0101647	.0079294	.0001884	3.054897	.5110782	-.002122
Stddev	.006591	.0021023	.0003313	.0002867	.022098	.0024205	.001059
%RSD	2.130157	20.68183	4.178201	152.1757	.7233493	.4735999	49.89716

#1	-.307630	.0112544	.0076910	.0002515	3.031160	.5129767	-.002865
#2	-.316723	.0114985	.0083077	.0004383	3.058656	.5083526	-.000910
#3	-.303911	.0077414	.0077896	-.000125	3.074873	.5119053	-.002590

Sample Name: I3892-07 Acquired: 7/5/2017 15:33:33 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v48) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MA4XF4 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	-.000159	-.001039	.0977419
Stddev	.000499	.000744	.0001715
%RSD	314.3892	71.60322	.1754872

#1	-.000733	-.001715	.0978191
#2	.000090	-.000242	.0978613
#3	.000167	-.001158	.0975454

Int. Std.	Y_ 2243	Y_ 2243	Y_ 3600	Y_ 3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1230.111	1837.587	40431.69	6566.622	3375.574
Stddev	5.149	2.976	81.12	18.164	6.265
%RSD	.4186095	.1619391	.2006339	.2766183	.1856025

#1	1233.470	1835.975	40420.16	6551.302	3382.244
#2	1232.681	1841.021	40517.96	6586.688	3374.666
#3	1224.183	1835.765	40356.95	6561.876	3369.813

Sample Name: I3892-08 Acquired: 7/5/2017 15:37:42 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v48) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MA4XL5 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0014081	.0002871	.0012970	.0054646	.0003444	.0051112	.0882818
Stddev	.0051284	.0007701	.0016458	.0032402	.0004892	.0086438	.0026557
%RSD	364.2187	268.2971	126.8886	59.29411	142.0447	169.1149	3.008231

#1	.0022521	-.000595	.0000803	.0048579	.0009074	.0078672	.0906344
#2	.0060621	.000633	.0031697	.0025707	.0001028	-.004575	.0888089
#3	-.004090	.000824	.0006411	.0089653	.0000230	.012041	.0854020

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0000833	-.000058	17.73866	-.005265	-.000810	.0002698	.1815603
Stddev	.0001025	.000083	.56797	.000304	.000215	.0012542	.0092935
%RSD	123.0348	143.9266	3.201877	5.767078	26.54588	464.8883	5.118666

#1	-.000028	.000025	18.15982	-.005291	-.000802	.0001381	.1830656
#2	.000175	-.000142	17.96346	-.005555	-.000599	-.000913	.1900093
#3	.000103	-.000057	17.09270	-.004949	-.001029	.001585	.1716061

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0199207	19.14271	-.000093	.0001142	88.09278	.0027658	-.005911
Stddev	.0009571	.64708	.000582	.0000694	2.74622	.0044430	.003587
%RSD	4.804332	3.380308	627.0142	60.75569	3.117421	160.6383	60.67696

#1	.0209061	19.60597	.000041	.0000341	90.21177	-.002311	-.002004
#2	.0198612	19.41879	.000410	.0001522	89.07635	.005947	-.009055
#3	.0189948	18.40339	-.000730	.0001563	84.99021	.004661	-.006674

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.2052137	.0105908	.0627660	.0012120	38.06496	4.604121	-.001586
Stddev	.0598017	.0016898	.0026038	.0001500	.20848	.136443	.000698
%RSD	29.14119	15.95551	4.148426	12.37631	.5476942	2.963503	44.03323

#1	.2742151	.0103940	.0638100	.0013440	37.96388	4.712506	-.001069
#2	.1730253	.0090080	.0646858	.0012431	37.92630	4.648955	-.001309
#3	.1684006	.0123704	.0598022	.0010489	38.30472	4.450902	-.002381

Sample Name: I3892-08 Acquired: 7/5/2017 15:37:42 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v48) Mode: CONC Corr. Factor: 1.000000
 User: JASWAL Custom ID1: MA4XL5 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.0000034	.0242415	2.536333
Stddev	.0006053	.0007547	.083300
%RSD	18051.97	3.113099	3.284284

#1	.0001157	.0249715	2.598818
#2	.0005446	.0242887	2.568419
#3	-.000650	.0234644	2.441761

Int. Std.	Y_ 2243	Y_ 2243	Y_ 3600	Y_ 3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1144.417	1703.946	37612.97	6756.352	3018.176
Stddev	10.320	17.935	350.98	194.434	19.740
%RSD	.9017802	1.052569	.9331317	2.877791	.6540371

#1	1152.962	1723.324	37953.65	6614.181	3039.567
#2	1147.338	1700.587	37632.74	6676.954	3014.296
#3	1132.951	1687.928	37252.52	6977.920	3000.663

Sample Name: I3892-09 Acquired: 7/5/2017 15:41:48 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v48) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MA4XE3 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0008764	-.001697	.0021103	.0005353	.0006133	.0209331	.3014626
Stddev	.0013703	.000779	.0009323	.0038415	.0005931	.0048042	.0011878
%RSD	156.3477	45.92603	44.17803	717.6785	96.70272	22.95011	.3940119

#1	.0011897	-.001086	.0016381	-.003892	.0003572	.0263195	.3014445
#2	-.000623	-.002575	.0031842	.002511	.0001913	.0170907	.3026594
#3	.002063	-.001431	.0015086	.002987	.0012914	.0193893	.3002840

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0002065	-.000063	99.18187	-.004714	-.001601	.0022068	.8019158
Stddev	.0000621	.000136	.49034	.000625	.000390	.0022519	.0183548
%RSD	30.04702	216.5401	.4943846	13.25069	24.33454	102.0449	2.288875

#1	.0001404	-.000194	99.55940	-.004107	-.001153	.0029470	.8228372
#2	.0002158	.000078	98.62768	-.005355	-.001784	-.000322	.7885188
#3	.0002634	-.000072	99.35852	-.004681	-.001865	.003995	.7943914

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.2081191	102.4467	-.000043	.0001214	92.83353	.0010190	.0062098
Stddev	.0014263	.1624	.000283	.0001564	.04570	.0013324	.0056129
%RSD	.6853051	.1584820	664.0574	128.8483	.0492237	130.7591	90.38751

#1	.2064722	102.3732	.000116	-.000048	92.87123	.0025156	.0123495
#2	.2089393	102.3341	-.000369	.000151	92.78271	.0005799	.0013421
#3	.2089457	102.6328	.000125	.000261	92.84666	-.000038	.0049378

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.366886	.0012010	.0179045	.0014982	22.31133	6.762508	-.002271
Stddev	.037260	.0013323	.0009434	.0002991	.11058	.043268	.000533
%RSD	2.725892	110.9324	5.269205	19.96160	.4956069	.6398161	23.46996

#1	1.406282	.0014510	.0186354	.0018412	22.43898	6.807806	-.001658
#2	1.362164	-.000239	.0168395	.0013614	22.24478	6.758111	-.002530
#3	1.332213	.002391	.0182386	.0012920	22.25024	6.721607	-.002626

Sample Name: I3892-09 Acquired: 7/5/2017 15:41:48 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v48) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MA4XE3 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	-.002632	.0227176	12.37664
Stddev	.000321	.0001446	.03810
%RSD	12.18573	.6364365	.3078280

#1	-.002607	.0226434	12.37059
#2	-.002325	.0228842	12.34193
#3	-.002965	.0226252	12.41740

Int. Std.	Y_ 2243	Y_ 2243	Y_ 3600	Y_ 3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1122.508	1675.526	36753.59	6362.079	2873.430
Stddev	6.655	5.032	31.26	20.341	10.092
%RSD	.5928888	.3003209	.0850483	.3197261	.3512169

#1	1126.082	1672.644	36776.71	6345.211	2864.755
#2	1114.829	1681.336	36718.03	6384.668	2884.506
#3	1126.613	1672.597	36766.03	6356.359	2871.028

Sample Name: I3892-10 Acquired: 7/5/2017 15:46:04 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v48) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MA4XJ6 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.002842	-.001648	.0001702	.0007304	-.001035	.0123939	.1275827
Stddev	.002218	.001468	.0004283	.0007007	.001086	.0079047	.0017093
%RSD	78.04560	89.08359	251.6118	95.92356	104.9486	63.77886	1.339748

#1	-.004774	-.002643	-.000319	.0004321	-.001621	.0212315	.1270148
#2	-.003331	-.002339	.000478	.0002284	-.001701	.0059988	.1295036
#3	-.000420	.000038	.000352	.0015309	.000218	.0099513	.1262296

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0000654	-.000093	31.29569	-.005240	-.000958	.0018061	1.338382
Stddev	.0000638	.000045	.58564	.000424	.000117	.0001626	.015262
%RSD	97.59026	48.11245	1.871315	8.084030	12.20459	9.002351	1.140358

#1	.0000109	-.000112	31.32376	-.005175	-.000997	.0017008	1.346678
#2	.0000497	-.000124	31.86679	-.004853	-.000827	.0019933	1.347699
#3	.0001356	-.000042	30.69652	-.005693	-.001050	.0017241	1.320768

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1520701	25.54766	-.000345	.0002933	129.0474	.0001515	.0016372
Stddev	.0022547	.49496	.000128	.0001770	2.2673	.0020563	.0035630
%RSD	1.482676	1.937382	37.04467	60.34051	1.756929	1357.516	217.6336

#1	.1517491	25.58429	-.000332	.0001846	129.4096	-.000679	.0046018
#2	.1544681	26.02328	-.000224	.0004976	131.1118	-.001360	-.002316
#3	.1499931	25.03541	-.000479	.0001978	126.6208	.002493	.002625

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.610682	-.000438	.0123233	.0045995	6.805649	2.225233	-.001847
Stddev	.023844	.004231	.0007828	.0003584	.041261	.030766	.000528
%RSD	1.480335	965.1910	6.351841	7.791213	.6062789	1.382590	28.57431

#1	1.634369	.004446	.0121974	.0043890	6.824511	2.232908	-.001881
#2	1.610994	-.002949	.0131614	.0043961	6.758328	2.251434	-.002357
#3	1.586685	-.002812	.0116111	.0050132	6.834109	2.191356	-.001303

Sample Name: I3892-10 Acquired: 7/5/2017 15:46:04 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v48) Mode: CONC Corr. Factor: 1.000000
 User: JASWAL Custom ID1: MA4XJ6 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	-.000105	.0053636	1.540700
Stddev	.000727	.0007204	.027448
%RSD	693.6417	13.43082	1.781518

#1	.000025	.0060149	1.542369
#2	.000548	.0054860	1.567275
#3	-.000888	.0045898	1.512456

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1162.765	1742.068	37474.95	6512.547	2991.611
Stddev	1.746	8.452	183.38	95.118	12.743
%RSD	.1501678	.4851819	.4893462	1.460533	.4259733

#1	1162.155	1737.838	37417.72	6511.171	2985.358
#2	1164.734	1751.800	37327.01	6418.124	3006.273
#3	1161.405	1736.565	37680.13	6608.345	2983.201

Sample Name: I3892-11 Acquired: 7/5/2017 15:50:13 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v48) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MA4XJ7 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0009318	-.000543	-.000225	.0036272	.0000757	.1040461	.0094696
Stddev	.0010889	.002610	.000834	.0014904	.0004016	.0039641	.0003241
%RSD	116.8636	480.9070	370.0121	41.08953	530.5638	3.809931	3.422503

#1	.0006019	.002432	-.001169	.0053315	.0002453	.1012360	.0095260
#2	.0000460	-.001608	.000411	.0029816	.0003646	.1023220	.0097619
#3	.0021475	-.002452	.000082	.0025684	-.000383	.1085803	.0091211

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0001047	.0004708	25.24347	-.005325	-.000304	.0001811	.5612279
Stddev	.0000301	.0000602	.13439	.000721	.000121	.0006172	.0113238
%RSD	28.78141	12.79334	.5323700	13.54789	39.61876	340.8515	2.017685

#1	.0000829	.0005378	25.21964	-.005534	-.000224	-.000101	.5719346
#2	.0000920	.0004536	25.38819	-.004522	-.000443	.000889	.5493742
#3	.0001390	.0004210	25.12260	-.005919	-.000246	-.000244	.5623750

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1075122	3.045260	.0014477	.0000460	19.36553	.0020414	.3668232
Stddev	.0010529	.014172	.0004696	.0001482	.03931	.0012223	.0075841
%RSD	.9793365	.4653937	32.43839	321.9081	.2030070	59.87390	2.067522

#1	.1063068	3.032163	.0010986	.0001916	19.33886	.0014718	.3636184
#2	.1079771	3.043311	.0012630	.0000511	19.41068	.0034445	.3754836
#3	.1082526	3.060306	.0019816	-.000105	19.34705	.0012079	.3613675

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.768900	.0155832	.0067955	.0009411	.7863564	2.606754	-.002483
Stddev	.021328	.0022926	.0002241	.0002458	.0090787	.003338	.000781
%RSD	.7702688	14.71214	3.297686	26.12016	1.154530	.1280594	31.47499

#1	2.745182	.0179793	.0069102	.0006789	.7886562	2.610537	-.001755
#2	2.786502	.0153598	.0069390	.0009782	.7763490	2.605504	-.003309
#3	2.775014	.0134105	.0065372	.0011663	.7940642	2.604221	-.002385

Sample Name: I3892-11 Acquired: 7/5/2017 15:50:13 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v48) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MA4XJ7 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.0013506	.0011514	.1601639
Stddev	.0002567	.0002435	.0004820
%RSD	19.00484	21.14857	.3009308

#1	.0014215	.0013816	.1596483
#2	.0010659	.0011762	.1606032
#3	.0015643	.0008965	.1602401

Int. Std.	Y_ 2243	Y_ 2243	Y_ 3600	Y_ 3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1192.689	1790.652	39254.37	6543.077	3260.296
Stddev	5.684	6.826	15.32	6.440	14.818
%RSD	.4765452	.3811946	.0390238	.0984300	.4544903

#1	1186.356	1788.115	39236.68	6545.695	3249.386
#2	1194.363	1798.384	39263.41	6535.740	3277.166
#3	1197.346	1785.459	39263.03	6547.795	3254.337

Sample Name: I3892-12 Acquired: 7/5/2017 15:54:22 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v48) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MA4XJ8 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0001801	-.001246	-.000285	.0026479	-.000911	.0045995	.0074207
Stddev	.0012239	.001252	.000465	.0027935	.000576	.0058959	.0001497
%RSD	679.5271	100.5261	163.1525	105.5001	63.17044	128.1837	2.016765

#1	-.000491	-.002303	-.000750	.0058120	-.000863	-.000077	.0075778
#2	.001593	-.001572	.000180	.0005228	-.000361	.011222	.0072798
#3	-.000561	.000137	-.000285	.0016087	-.001510	.002653	.0074046

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0000658	-.000082	4.191160	-.005564	-.000046	.0003083	.6123087
Stddev	.0000900	.000018	.011092	.000358	.000071	.0009240	.0083544
%RSD	136.7425	21.81529	.2646531	6.439704	153.9432	299.7110	1.364402

#1	.0000925	-.000090	4.195286	-.005960	-.000097	-.000446	.6172356
#2	-.000034	-.000061	4.199597	-.005472	-.000075	.001339	.6026627
#3	.000139	-.000094	4.178596	-.005262	.000035	.000031	.6170278

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0917749	2.131635	.0001229	-.000257	24.58753	.0038528	.0009636
Stddev	.0004449	.059851	.0002040	.000148	.14575	.0010939	.0036614
%RSD	.4847694	2.807753	166.0013	57.71831	.5927746	28.39159	379.9826

#1	.0921827	2.079163	.0002050	-.000134	24.43400	.0046715	-.001826
#2	.0918416	2.118921	-.000109	-.000216	24.72400	.0026105	.005110
#3	.0913004	2.196822	.000273	-.000422	24.60458	.0042764	-.000393

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.4246750	.0054777	.0075060	.0009318	.0420943	1.102948	-.001428
Stddev	.0353171	.0019431	.0008549	.0001486	.0235380	.004852	.001046
%RSD	8.316272	35.47384	11.38978	15.94536	55.91737	.4399158	73.26613

#1	.3866487	.0072436	.0083131	.0010715	.0158243	1.105912	-.002220
#2	.4564474	.0033960	.0066102	.0007757	.0612670	1.105584	-.001823
#3	.4309288	.0057933	.0075948	.0009483	.0491915	1.097349	-.000242

Sample Name: I3892-12 Acquired: 7/5/2017 15:54:22 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v48) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MA4XJ8 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	-.000610	-.000197	.1145866
Stddev	.000417	.000196	.0002173
%RSD	68.25706	99.45544	.1896020

#1	-.001066	.000004	.1144073
#2	-.000249	-.000207	.1145242
#3	-.000517	-.000387	.1148282

Int. Std.	Y_ 2243	Y_ 2243	Y_ 3600	Y_ 3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1205.487	1818.760	39722.76	6569.368	3313.108
Stddev	4.165	5.759	107.01	10.524	1.207
%RSD	.3454911	.3166606	.2693992	.1601969	.0364378

#1	1203.534	1812.985	39846.32	6562.415	3312.832
#2	1210.269	1818.791	39662.55	6564.214	3314.430
#3	1202.657	1824.503	39659.42	6581.476	3312.063

Sample Name: I3892-13 Acquired: 7/5/2017 15:58:32 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v48) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MA4XJ9 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0053828	.0008609	.0023351	.0031828	.0007622	.0228161	.0235796
Stddev	.0042622	.0012809	.0009896	.0024306	.0008071	.0071484	.0002110
%RSD	79.18159	148.7893	42.37971	76.36725	105.8880	31.33051	.8947289

#1	.0075490	.0017260	.0015609	.0010203	.0009934	.0214388	.0237953
#2	.0081268	-.000611	.0019943	.0058134	-.000135	.0305528	.0235696
#3	.0004726	.001467	.0034501	.0027146	.001428	.0164565	.0233737

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0000351	-.000147	80.36940	-.004765	.0007444	.0008197	.6649823
Stddev	.0001278	.000138	1.19897	.000553	.0004183	.0011686	.0153789
%RSD	363.7032	93.69880	1.491823	11.59557	56.19201	142.5532	2.312683

#1	-.000095	-.000070	81.69924	-.005340	.0002622	.0002717	.6803394
#2	.000041	-.000306	80.03790	-.004238	.0009621	.0021616	.6650259
#3	.000160	-.000065	79.37105	-.004717	.0010090	.0000259	.6495817

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.3408117	15.36956	.0016654	.0001643	52.36583	.0049303	.2072080
Stddev	.0032225	.18605	.0002501	.0003508	.77091	.0014698	.0046917
%RSD	.9455515	1.210528	15.02067	213.5036	1.472171	29.81145	2.264231

#1	.3442246	15.56650	.0018446	.0005105	53.16270	.0032670	.2047160
#2	.3403893	15.34541	.0013796	.0001734	52.31096	.0054696	.2042883
#3	.3378211	15.19676	.0017719	-.000191	51.62381	.0060542	.2126199

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.546941	.0078992	.0197183	.0019558	113.8458	4.390037	-.003993
Stddev	.058780	.0027372	.0008486	.0001431	.6108	.034724	.001082
%RSD	1.292734	34.65168	4.303599	7.318993	.5365091	.7909833	27.10821

#1	4.608616	.0110301	.0188214	.0019043	113.9494	4.427788	-.003914
#2	4.540643	.0067080	.0205084	.0018455	113.1899	4.382864	-.005112
#3	4.491564	.0059594	.0198250	.0021176	114.3982	4.359460	-.002952

Sample Name: I3892-13 Acquired: 7/5/2017 15:58:32 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v48) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MA4XJ9 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	-.001536	.0041029	.6926125
Stddev	.000306	.0002312	.0084446
%RSD	19.95699	5.635459	1.219231

#1	-.001441	.0039206	.7021553
#2	-.001288	.0043630	.6895765
#3	-.001879	.0040252	.6861056

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1159.186	1735.072	37933.11	6520.592	3053.117
Stddev	3.323	3.203	84.25	75.995	11.744
%RSD	.2866262	.1845757	.2221020	1.165463	.3846527

#1	1162.655	1737.745	38012.31	6433.939	3056.235
#2	1158.871	1735.949	37844.58	6551.933	3062.988
#3	1156.032	1731.523	37942.43	6575.905	3040.129

Sample Name: I3892-14 Acquired: 7/5/2017 16:02:39 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v48) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MA4XK1 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0036212	-.002831	.0010654	.0025546	-.000501	.0139964	.1023171
Stddev	.0026364	.000079	.0012939	.0023745	.002221	.0032676	.0005337
%RSD	72.80521	2.782029	121.4445	92.94910	443.6778	23.34577	.5215825

#1	.0065461	-.002805	.0012323	.0035390	.000409	.0140823	.1017476
#2	.0014279	-.002919	.0022677	-.000154	.001121	.0172202	.1028057
#3	.0028895	-.002768	-.000304	.004279	-.003032	.0106868	.1023981

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0001189	-.000154	32.17437	-.005394	-.000860	-.000656	.1238562
Stddev	.0000459	.000139	.13946	.000558	.000187	.001211	.0132378
%RSD	38.62959	90.25980	.4334394	10.33763	21.72751	184.6578	10.68802

#1	.0001634	-.000169	32.33480	-.005299	-.000908	.000580	.1388711
#2	.0000716	-.000008	32.10615	-.005993	-.001019	-.001840	.1138681
#3	.0001218	-.000285	32.08216	-.004890	-.000654	-.000707	.1188294

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0290709	33.85491	.0002625	-.000044	37.80976	.0010548	.0042810
Stddev	.0003740	.15121	.0002610	.000172	.06371	.0027834	.0038227
%RSD	1.286618	.4466543	99.42787	390.0987	.1685099	263.8759	89.29570

#1	.0289405	34.02900	.0000891	-.000198	37.88027	-.001337	.0085799
#2	.0294927	33.77952	.0005627	.000142	37.79268	.000391	.0012640
#3	.0287796	33.75621	.0001357	-.000077	37.75632	.004110	.0029989

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1555897	.0073266	.0273028	.0008146	31.05997	5.233565	-.001012
Stddev	.0282750	.0033746	.0004093	.0002955	.19393	.012298	.000940
%RSD	18.17277	46.05899	1.499210	36.27833	.6243596	.2349741	92.87576

#1	.1729617	.0099135	.0269826	.0005027	30.96210	5.244874	-.001199
#2	.1229635	.0085569	.0277640	.0008506	30.93448	5.220474	-.001845
#3	.1708440	.0035095	.0271618	.0010905	31.28333	5.235346	.000007

Sample Name: I3892-14 Acquired: 7/5/2017 16:02:39 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v48) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MA4XK1 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	-.001006	.0128607	3.923638
Stddev	.000846	.0002959	.014938
%RSD	84.06430	2.300899	.3807070

#1	-.000030	.0130178	3.940781
#2	-.001484	.0125193	3.913414
#3	-.001505	.0130448	3.916720

Int. Std.	Y_ 2243	Y_ 2243	Y_ 3600	Y_ 3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1180.539	1780.249	38945.66	6585.092	3161.879
Stddev	9.544	4.760	128.80	23.136	2.780
%RSD	.8084743	.2673670	.3307186	.3513440	.0879231

#1	1186.960	1777.216	39031.38	6558.738	3162.412
#2	1169.571	1785.735	38797.55	6594.480	3164.353
#3	1185.085	1777.796	39008.06	6602.059	3158.871

Sample Name: I3892-15 Acquired: 7/5/2017 16:06:57 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v48) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MA4XK2 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0013047	-.000640	.0008857	.0023494	-.001367	.0248687	.0024468
Stddev	.0048972	.001791	.0004780	.0008469	.000821	.0110489	.0002510
%RSD	375.3634	279.6991	53.96610	36.04526	60.05767	44.42888	10.25949

#1	.0051206	-.000581	.0005115	.0024555	-.000683	.0121179	.0025880
#2	-.004217	.001120	.0014241	.0031383	-.002277	.0316201	.0025955
#3	.003011	-.002461	.0007214	.0014545	-.001140	.0308680	.0021570

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0001352	-.000115	52.79116	-.005088	-.001081	.0022391	.0034397
Stddev	.0000693	.000191	.36331	.000038	.000065	.0021863	.0094337
%RSD	51.23820	165.6809	.6881951	.7524094	6.048218	97.64273	274.2606

#1	.0002146	-.000304	53.19990	-.005067	-.001014	.0029367	-.004855
#2	.0000868	-.000120	52.50499	-.005133	-.001085	-.000211	.001473
#3	.0001043	.000078	52.66860	-.005066	-.001145	.003991	.013702

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0024708	26.88996	.0010110	.0002901	19.47491	.0053901	.0081373
Stddev	.0002258	.15498	.0002788	.0001882	.20768	.0021467	.0038588
%RSD	9.138227	.5763555	27.57604	64.87225	1.066390	39.82625	47.42115

#1	.0026960	27.06580	.0008449	.0005072	19.71034	.0035260	.0052174
#2	.0022445	26.83081	.0008551	.0001900	19.39668	.0049072	.0066824
#3	.0024718	26.77326	.0013328	.0001731	19.31770	.0077372	.0125120

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.866426	.0010692	.0101431	.0007804	24.14170	5.031533	-.003379
Stddev	.020087	.0035173	.0005096	.0001919	.07163	.031455	.001105
%RSD	1.076216	328.9593	5.024080	24.58988	.2967073	.6251488	32.70026

#1	1.889619	-.000059	.0096038	.0008931	24.08926	5.067778	-.003111
#2	1.854617	-.001745	.0102090	.0008892	24.11252	5.015435	-.002433
#3	1.855042	.005012	.0106166	.0005588	24.22331	5.011386	-.004593

Sample Name: I3892-15 Acquired: 7/5/2017 16:06:57 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v48) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MA4XK2 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	-.001563	.0092482	.7007866
Stddev	.001108	.0005468	.0058979
%RSD	70.84846	5.912754	.8416161

#1	-.001650	.0090819	.7075904
#2	-.000415	.0098589	.6971268
#3	-.002625	.0088038	.6976426

Int. Std.	Y_ 2243	Y_ 2243	Y_ 3600	Y_ 3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1170.321	1767.219	38675.85	6519.316	3171.629
Stddev	7.462	5.693	247.77	36.552	10.359
%RSD	.6376321	.3221601	.6406264	.5606726	.3266078

#1	1163.951	1766.501	38414.64	6485.403	3172.621
#2	1168.481	1773.237	38705.40	6558.032	3181.456
#3	1178.532	1761.918	38907.52	6514.513	3160.810

Sample Name: I3892-16 Acquired: 7/5/2017 16:11:05 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v48) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MA4XK3 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0012908	-.001273	.0012102	.0015473	-.000465	.0168885	.0025214
Stddev	.0002285	.000180	.0011443	.0018230	.000890	.0027476	.0002424
%RSD	17.70019	14.15083	94.56106	117.8182	191.3231	16.26936	9.612669

#1	.0010276	-.001066	.0006160	.0015699	-.001354	.0137160	.0022595
#2	.0014378	-.001372	.0025294	.0033588	-.000468	.0185072	.0025669
#3	.0014071	-.001383	.0004851	-.000287	.000426	.0184423	.0027377

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0000550	-.000166	51.20000	-.005116	-.001198	.0013991	-.003213
Stddev	.0000753	.000091	.28132	.000705	.000289	.0003627	.003838
%RSD	137.0149	54.97515	.5494548	13.77049	24.16358	25.92544	119.4651

#1	.0000111	-.000123	51.03631	-.004457	-.001526	.0016521	.000659
#2	.0000119	-.000105	51.03886	-.005859	-.000978	.0015616	-.003282
#3	.0001420	-.000271	51.52484	-.005034	-.001090	.0009835	-.007017

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0020996	26.10045	.0009746	.0003144	18.81459	.0010767	.0081409
Stddev	.0004100	.10098	.0003631	.0001805	.05107	.0011930	.0103317
%RSD	19.52993	.3869042	37.25521	57.39643	.2714263	110.8039	126.9107

#1	.0019382	25.99028	.0007558	.0005019	18.86351	.0019794	.0200636
#2	.0025657	26.12244	.0013937	.0001419	18.81863	-.000276	.0025400
#3	.0017947	26.18862	.0007742	.0002994	18.76162	.001526	.0018191

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.747072	.0034915	.0098660	.0007246	23.04036	4.906173	-.002872
Stddev	.002698	.0015296	.0004447	.0001774	.04610	.011114	.000855
%RSD	.1544484	43.80968	4.507208	24.47578	.2000943	.2265336	29.76894

#1	1.745677	.0032814	.0093900	.0008296	23.03561	4.895532	-.002694
#2	1.750182	.0051153	.0099373	.0005198	22.99681	4.917706	-.003802
#3	1.745357	.0020778	.0102708	.0008243	23.08865	4.905280	-.002120

Sample Name: I3892-16 Acquired: 7/5/2017 16:11:05 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v48) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MA4XK3 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	-.001223	.0090405	.6794261
Stddev	.000441	.0003951	.0008898
%RSD	36.04915	4.370544	.1309589

#1	-.000854	.0089214	.6802702
#2	-.001711	.0094814	.6795113
#3	-.001105	.0087186	.6784968

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1200.378	1785.291	39103.11	6588.641	3188.916
Stddev	4.616	2.648	24.17	6.666	5.584
%RSD	.3845528	.1483291	.0618097	.1011682	.1751077

#1	1198.052	1788.278	39120.62	6592.703	3194.198
#2	1205.694	1783.232	39113.17	6592.271	3189.478
#3	1197.388	1784.362	39075.53	6580.948	3183.072

Sample Name: I3892-17 Acquired: 7/5/2017 16:15:11 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v48) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MA4XK4 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000629	-.000824	.0007258	.0016343	.0000190	.0170931	.0238855
Stddev	.003868	.002904	.0005733	.0023740	.0003302	.0047949	.0004588
%RSD	615.0476	352.4625	78.98264	145.2676	1739.507	28.05172	1.921000

#1	.003473	-.000736	.0001587	-.000585	.0000931	.0220252	.0242252
#2	-.001150	-.003771	.0013051	.004138	-.000342	.0124483	.0233635
#3	-.004210	.002035	.0007136	.001350	.000306	.0168059	.0240677

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0000350	-.000270	76.52019	-.004602	-.001142	.0011926	.0462202
Stddev	.0000376	.000071	.16972	.000257	.000107	.0005934	.0157003
%RSD	107.1905	26.44250	.2217989	5.579623	9.404211	49.75922	33.96838

#1	.0000516	-.000260	76.57262	-.004306	-.001229	.0007365	.0549303
#2	.0000615	-.000203	76.33044	-.004725	-.001022	.0009778	.0556347
#3	-.000008	-.000345	76.65751	-.004773	-.001176	.0018635	.0280957

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0017394	5.023843	.0002620	.0000362	8.563897	.0009557	.0042295
Stddev	.0003477	.024758	.0000198	.0001922	.031801	.0019976	.0068472
%RSD	19.98832	.4928068	7.550925	531.5054	.3713366	209.0078	161.8914

#1	.0021403	5.044938	.0002504	-.000093	8.547464	.0020444	-.003050
#2	.0015557	4.996586	.0002848	.000257	8.600552	-.001350	.010541
#3	.0015221	5.030005	.0002507	-.000055	8.543674	.002172	.005197

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.088785	.0029316	.0247526	.0003645	6.790239	4.186973	-.003183
Stddev	.012332	.0021291	.0008104	.0001127	.090505	.010020	.001081
%RSD	.5903678	72.62622	3.273796	30.91547	1.332865	.2393059	33.95787

#1	2.078509	.0008432	.0246823	.0002360	6.687928	4.193663	-.003494
#2	2.085386	.0050991	.0255959	.0004463	6.859846	4.175453	-.001981
#3	2.102459	.0028524	.0239797	.0004113	6.822942	4.191803	-.004075

Sample Name: I3892-17 Acquired: 7/5/2017 16:15:11 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v48) Mode: CONC Corr. Factor: 1.000000
 User: JASWAL Custom ID1: MA4XK4 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	-.002257	-.000258	.3674154
Stddev	.000783	.000250	.0001754
%RSD	34.70591	96.97830	.0477510

#1	-.002982	-.000138	.3675563
#2	-.002363	-.000545	.3672189
#3	-.001426	-.000090	.3674709

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1184.227	1759.849	38870.51	6527.848	3175.766
Stddev	3.900	8.633	91.91	9.002	6.311
%RSD	.3293596	.4905774	.2364525	.1378980	.1987381

#1	1188.729	1767.211	38894.07	6531.896	3177.539
#2	1182.088	1761.988	38948.35	6534.116	3181.001
#3	1181.864	1750.347	38769.12	6517.533	3168.758

Sample Name: CCV081 Acquired: 7/5/2017 16:19:19 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v48) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: CCV081 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.060586	4.757656	24.33720	4.965230	5.093519	406.5726
Stddev	.031927	.048775	.05024	.040343	.033662	1.1373
%RSD	.6308957	1.025193	.2064268	.8125051	.6608748	.2797344

#1	5.086367	4.808386	24.31209	4.998524	5.126475	406.8842
#2	5.024874	4.711104	24.30447	4.920366	5.059193	407.5216
#3	5.070518	4.753479	24.39504	4.976799	5.094888	405.3119

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	10.10331	.5026253	2.496060	403.7292	15.07618	2.516653
Stddev	.01161	.0005753	.004612	.4281	.02684	.008782
%RSD	.1149301	.1144524	.1847855	.1060391	.1780616	.3489420

#1	10.09377	.5031491	2.492636	403.3205	15.08108	2.511022
#2	10.09993	.5027172	2.494239	403.6927	15.10024	2.512166
#3	10.11624	.5020096	2.501305	404.1744	15.04722	2.526772

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	15.36405	404.8865	14.98120	406.9812	2.476862	1.321118
Stddev	.06288	.6362	.00064	.5277	.000825	.004845
%RSD	.4092728	.1571425	.0042732	.1296585	.0333260	.3667563

#1	15.39648	404.1575	14.98070	406.8416	2.477537	1.321275
#2	15.40409	405.1719	14.98098	407.5646	2.477107	1.325883
#3	15.29157	405.3301	14.98192	406.5373	2.475942	1.316197

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	402.6137	2.505559	15.05582	154.0843	5.019877	F 4.180815
Stddev	.7607	.005611	.08899	.4085	.074489	.013589
%RSD	.1889286	.2239507	.5910402	.2651448	1.483886	.3250427

#1	402.8669	2.499647	14.95551	154.0090	5.103533	4.196420
#2	403.2155	2.510811	15.08667	154.5253	4.960731	4.171579
#3	401.7587	2.506218	15.12527	153.7187	4.995368	4.174447

Sample Name: CCV081 Acquired: 7/5/2017 16:19:19 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v48) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: CCV081 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.004816	4.979812	4.953386	4.959144	5.000257	5.206694
Stddev	.026638	.078313	.009284	.021009	.007315	.037480
%RSD	.5322473	1.572614	.1874339	.4236509	.1462952	.7198349

#1	5.013048	5.068371	4.963516	4.966698	4.998127	5.215429
#2	4.975033	4.919690	4.945283	4.935402	5.008400	5.239036
#3	5.026366	4.951375	4.951358	4.975331	4.994242	5.165619

Elem	Sr4077
Units	ppm
Avg	5.099771
Stddev	.015619
%RSD	.3062612

#1	5.088073
#2	5.117507
#3	5.093732

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	999.8605	1511.442	33736.64	6023.742	2200.249
Stddev	1.2468	6.809	82.95	14.939	5.094
%RSD	.1246998	.4505228	.2458878	.2480040	.2315082

#1	999.7310	1508.652	33714.40	6006.752	2200.047
#2	998.6834	1519.203	33667.08	6029.652	2205.441
#3	1001.167	1506.470	33828.45	6034.823	2195.260

Sample Name: CCB081 Acquired: 7/5/2017 16:23:23 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v48) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: CCB081 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0008184	.0008270	-.000193	.0029340	.0012090	.0065605	-.002693
Stddev	.0013968	.0015941	.000716	.0015226	.0017281	.0031396	.000195
%RSD	170.6779	192.7532	371.7856	51.89412	142.9443	47.85570	7.234817

#1	.0022105	.0026523	-.000804	.0024392	.0030371	.0054963	-.002918
#2	-.000583	.0001204	.000596	.0046425	-.000398	.0040913	-.002569
#3	.000828	-.000292	-.000370	.0017204	.000988	.0100939	-.002593

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0000240	-.000109	-.004209	-.005267	-.000021	.0004242	.0050987
Stddev	.0001193	.000062	.012918	.000319	.000161	.0006642	.0154701
%RSD	497.1242	56.79684	306.9282	6.053662	764.5891	156.5742	303.4091

#1	-.000076	-.000095	.009095	-.005052	-.000207	-.000332	-.005499
#2	.000156	-.000176	-.005018	-.005115	.000060	.000691	.022851
#3	-.000008	-.000055	-.016703	-.005633	.000084	.000914	-.002055

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0000044	.0253945	-.000160	-.000202	-.140653	.0020821	-.004792
Stddev	.0005398	.0275629	.000127	.000250	.021026	.0016796	.004632
%RSD	12260.16	108.5389	79.25457	123.6374	14.94886	80.67035	96.66003

#1	.0003871	.0431712	-.000015	.000054	-.162818	.0039149	-.009644
#2	.0002392	.0393691	-.000252	-.000446	-.120991	.0017147	-.000417
#3	-.000613	-.006357	-.000212	-.000215	-.138149	.0006165	-.004316

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.068217	-.000886	.0085881	.0006398	-.110341	.0000763	.0008004
Stddev	.027849	.002322	.0005263	.0001621	.008145	.0010603	.0012471
%RSD	40.82424	262.1453	6.128036	25.33025	7.381315	1388.684	155.8078

#1	-.086803	.001772	.0083229	.0007284	-.117844	.0002655	-.000636
#2	-.081652	-.001908	.0091942	.0007383	-.101679	-.001066	.001603
#3	-.036198	-.002521	.0082472	.0004528	-.111501	.001029	.001434

Sample Name: CCB081 Acquired: 7/5/2017 16:23:23 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v48) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: CCB081 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.0003336	.0006915	.0000149
Stddev	.0006166	.0004467	.0000153
%RSD	184.8278	64.60737	102.6102

#1	.0009755	.0005460	-.000003
#2	-.000254	.0003356	.000024
#3	.000280	.0011928	.000023

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1249.259	1894.497	40854.96	6463.146	3546.323
Stddev	1.991	11.902	158.90	9.004	11.404
%RSD	.1593762	.6282479	.3889430	.1393122	.3215804

#1	1248.324	1882.366	40810.27	6455.642	3533.524
#2	1247.907	1894.971	40723.18	6460.667	3550.040
#3	1251.545	1906.156	41031.42	6473.130	3555.405

Sample Name: I3892-18 Acquired: 7/5/2017 16:27:34 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v48) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MA4XK5 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0014940	-.000291	.0019170	.0030151	-.001070	.0174210	.2208825
Stddev	.0021389	.000247	.0005410	.0046719	.001042	.0000543	.0013509
%RSD	143.1699	85.08331	28.22064	154.9490	97.31754	.3116233	.6115801

#1	-.000747	-.000235	.0013131	.0012679	.000110	.0173595	.2199794
#2	.003513	-.000561	.0023574	-.000531	-.001861	.0174624	.2202325
#3	.001716	-.000076	.0020805	.008309	-.001461	.0174410	.2224355

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000005	-.000150	53.92176	-.004657	-.000778	.0035615	.3494639
Stddev	.000038	.000106	.35782	.000773	.000114	.0004697	.0157946
%RSD	787.9632	70.71627	.6635869	16.59764	14.58474	13.18915	4.519674

#1	.000012	-.000208	53.69886	-.005223	-.000897	.0040993	.3319356
#2	-.000049	-.000214	53.73193	-.004971	-.000671	.0033534	.3538647
#3	.000022	-.000028	54.33449	-.003776	-.000768	.0032318	.3625914

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.2559881	52.25715	.0011853	.0000338	39.32980	.0017140	.0024422
Stddev	.0035679	.65989	.0002120	.0001487	.34366	.0032695	.0048005
%RSD	1.393768	1.262777	17.88163	440.0099	.8737894	190.7586	196.5653

#1	.2554157	51.97447	.0012174	-.000033	39.19724	.0054004	-.002294
#2	.2527410	51.78569	.0009591	-.000069	39.07215	.0005759	.002316
#3	.2598075	53.01129	.0013794	.000204	39.71999	-.000834	.007305

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.9605294	.0046178	.0320661	.0011881	22.25618	5.243558	-.002956
Stddev	.0178429	.0007416	.0006015	.0002431	.12980	.026849	.000497
%RSD	1.857607	16.05859	1.875703	20.45825	.5831937	.5120373	16.80058

#1	.9407622	.0052116	.0319111	.0010540	22.12080	5.246251	-.003517
#2	.9754440	.0037866	.0327299	.0014687	22.26819	5.215465	-.002779
#3	.9653819	.0048550	.0315573	.0010417	22.37956	5.268960	-.002573

Sample Name: I3892-18 Acquired: 7/5/2017 16:27:34 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v48) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MA4XK5 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	-.001592	.0119426	4.098389
Stddev	.000630	.0004324	.035856
%RSD	39.59664	3.620202	.8748801

#1	-.001889	.0118628	4.083779
#2	-.000868	.0115557	4.072145
#3	-.002018	.0124093	4.139243

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1212.451	1769.290	39353.14	6482.364	3112.023
Stddev	28.087	4.402	715.41	60.627	12.670
%RSD	2.316584	.2488200	1.817936	.9352653	.4071397

#1	1197.172	1770.514	38994.08	6528.280	3122.095
#2	1244.865	1772.950	40176.98	6505.170	3116.175
#3	1195.314	1764.405	38888.37	6413.640	3097.797

Sample Name: I3892-19 Acquired: 7/5/2017 16:31:49 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v48) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MA4XL9 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000104	-.000934	.0020260	.0048122	.0049017	.0787998	.0811371
Stddev	.003794	.000795	.0004417	.0044180	.0003367	.0036933	.0001847
%RSD	3643.141	85.09600	21.80138	91.80703	6.869636	4.686898	.2276603

#1	.004172	-.000049	.0017183	.0098851	.0046045	.0824436	.0812314
#2	-.001418	-.001588	.0025321	.0027433	.0052674	.0750590	.0812557
#3	-.003067	-.001166	.0018277	.0018084	.0048333	.0788969	.0809243

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000031	-.000077	48.19797	-.005255	-.000679	.0018921	.1233529
Stddev	.000021	.000066	.21965	.000352	.000157	.0004611	.0100052
%RSD	67.95527	86.20715	.4557344	6.691063	23.11016	24.37226	8.111045

#1	-.000048	-.000001	48.33409	-.005207	-.000582	.0023732	.1121748
#2	-.000038	-.000121	48.31525	-.004930	-.000594	.0018491	.1314701
#3	-.000007	-.000109	47.94457	-.005628	-.000860	.0014539	.1264136

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.2958614	40.62389	.0154425	.0001333	29.71314	.0038929	.0097567
Stddev	.0024309	.15302	.0004228	.0002529	.07864	.0007306	.0064274
%RSD	.8216173	.3766870	2.737681	189.6321	.2646544	18.76754	65.87620

#1	.2970169	40.76098	.0152322	.0000282	29.62349	.0041388	.0070552
#2	.2974990	40.65188	.0151661	-.000050	29.74543	.0044689	.0170939
#3	.2930684	40.45880	.0159292	.000422	29.77048	.0030711	.0051211

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.3383321	.0076684	.0243740	.0021649	27.58288	4.278448	-.002311
Stddev	.0057917	.0025832	.0009346	.0002094	.13177	.017774	.000949
%RSD	1.711844	33.68625	3.834496	9.673813	.4777127	.4154427	41.05306

#1	.3430057	.0074999	.0249763	.0019232	27.49600	4.294647	-.001222
#2	.3401379	.0051735	.0232974	.0022780	27.73449	4.259434	-.002748
#3	.3318526	.0103317	.0248485	.0022934	27.51815	4.281263	-.002962

Sample Name: I3892-19 Acquired: 7/5/2017 16:31:49 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v48) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MA4XL9 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.0011481	.0119546	5.016273
Stddev	.0002840	.0002667	.024428
%RSD	24.73496	2.230564	.4869706

#1	.0009661	.0118801	5.030521
#2	.0014753	.0122506	5.030231
#3	.0010028	.0117332	4.988066

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1175.422	1760.222	38475.02	6510.560	3121.728
Stddev	7.498	13.083	203.86	20.034	7.853
%RSD	.6378584	.7432502	.5298418	.3077207	.2515663

#1	1183.227	1774.853	38709.51	6493.836	3130.627
#2	1174.765	1756.162	38375.62	6505.081	3118.787
#3	1168.275	1749.650	38339.94	6532.764	3115.770

Sample Name: I3892-20 Acquired: 7/5/2017 16:36:04 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v48) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MA4XM0 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0040351	.0000291	.0006274	.0016959	.0008911	.0288223	.0941780
Stddev	.0004797	.0002942	.0004209	.0009179	.0005387	.0049879	.0004279
%RSD	11.88769	1012.630	67.08353	54.12899	60.45446	17.30584	.4543239

#1	.0036677	.0002405	.0008220	.0026784	.0005149	.0334054	.0943048
#2	.0038597	-.000307	.0001444	.0015489	.0015083	.0295516	.0945282
#3	.0045777	.000154	.0009158	.0008603	.0006503	.0235098	.0937011

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000019	-.000172	114.6415	-.004679	-.001174	.0072976	.0057507
Stddev	.000130	.000086	.4441	.000297	.000067	.0004001	.0102060
%RSD	667.8576	50.00727	.3873894	6.350166	5.730243	5.482345	177.4727

#1	.000128	-.000199	114.8159	-.004996	-.001097	.0070167	.0174942
#2	-.000069	-.000076	114.9719	-.004406	-.001202	.0071205	-.000976
#3	-.000117	-.000241	114.1366	-.004634	-.001223	.0077557	.000734

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0035151	7.788642	.0005834	-.000120	45.88163	.0030889	.0039110
Stddev	.0002914	.012405	.0000891	.000212	.22995	.0010261	.0052599
%RSD	8.289764	.1592645	15.27432	176.2477	.5011707	33.21920	134.4895

#1	.0034949	7.777172	.0006849	-.000342	46.04795	.0038421	.0012632
#2	.0038161	7.786948	.0005181	-.000097	45.97772	.0019202	.0005012
#3	.0032343	7.801807	.0005471	.000079	45.61923	.0035043	.0099687

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.955395	.0203176	.0224690	.0009964	26.75542	4.050604	-.004767
Stddev	.022170	.0017064	.0006205	.0003843	.06019	.010573	.000793
%RSD	.4474012	8.398653	2.761526	38.56842	.2249686	.2610314	16.63118

#1	4.966681	.0198427	.0226997	.0008551	26.74204	4.049872	-.003970
#2	4.969651	.0222112	.0229412	.0007027	26.70305	4.061525	-.004777
#3	4.929852	.0188990	.0217663	.0014313	26.82118	4.040416	-.005555

Sample Name: I3892-20 Acquired: 7/5/2017 16:36:04 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v48) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MA4XM0 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	-.002354	-.000382	.6178553
Stddev	.000636	.000558	.0013406
%RSD	27.02240	146.0668	.2169753

#1	-.002301	-.000378	.6183729
#2	-.001746	.000174	.6188600
#3	-.003014	-.000943	.6163331

Int. Std.	Y_ 2243	Y_ 2243	Y_ 3600	Y_ 3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1158.299	1731.649	37984.82	6547.916	3029.661
Stddev	5.108	3.954	164.26	16.479	6.027
%RSD	.4410152	.2283184	.4324286	.2516743	.1989365

#1	1163.819	1736.179	38165.82	6552.798	3031.241
#2	1157.338	1729.879	37943.41	6529.547	3034.741
#3	1153.739	1728.890	37845.23	6561.403	3023.002

Sample Name: I3892-21 Acquired: 7/5/2017 16:40:10 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v48) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MA4XL4 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000342	-.000338	.0004612	.0026225	.0001294	.0270990	.0096079
Stddev	.007944	.001908	.0006848	.0027730	.0013101	.0040964	.0005996
%RSD	2322.451	564.2814	148.4836	105.7381	1012.355	15.11645	6.240884

#1	.008546	-.002266	-.000127	.0057594	.0004060	.0230921	.0092302
#2	-.006749	.001550	.001213	.0016105	.0012792	.0312794	.0102993
#3	-.002823	-.000299	.000297	.0004977	-.001297	.0269254	.0092943

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0000168	-.000147	79.86590	-.004962	-.001149	.0019153	.0174014
Stddev	.0001170	.000055	.08633	.000174	.000209	.0013370	.0069857
%RSD	694.7600	37.33758	.1080969	3.502913	18.20453	69.80479	40.14412

#1	-.000092	-.000084	79.96012	-.005039	-.001306	.0033810	.0104261
#2	.000141	-.000174	79.84700	-.005084	-.001230	.0007625	.0243973
#3	.000001	-.000185	79.79058	-.004763	-.000912	.0016024	.0173808

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0077132	4.495674	.0019810	-.000055	24.36534	-.000682	.0063187
Stddev	.0005204	.047431	.0006618	.000099	.01775	.001099	.0020425
%RSD	6.746995	1.055040	33.40771	177.6059	.0728593	161.1275	32.32421

#1	.0072559	4.543094	.0027363	-.000005	24.34814	-.000477	.0059656
#2	.0076041	4.448231	.0017039	.000008	24.38360	.000300	.0085147
#3	.0082795	4.495696	.0015027	-.000169	24.36428	-.001869	.0044757

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.207079	.0173243	.0234962	.0008941	103.2285	2.482905	-.004852
Stddev	.037879	.0012098	.0012966	.0003531	.2482	.005597	.000607
%RSD	.9003665	6.983563	5.518539	39.48603	.2403910	.2254193	12.50303

#1	4.217468	.0183399	.0249651	.0005147	103.3418	2.488687	-.004396
#2	4.165089	.0176472	.0230123	.0009549	102.9439	2.482513	-.004619
#3	4.238679	.0159857	.0225110	.0012129	103.3998	2.477514	-.005540

Sample Name: I3892-21 Acquired: 7/5/2017 16:40:10 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v48) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MA4XL4 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	-.001470	.0001196	.4093563
Stddev	.000457	.0005648	.0015656
%RSD	31.09547	472.3115	.3824473

#1	-.001961	-.000233	.4111641
#2	-.001394	.000771	.4084600
#3	-.001056	-.000179	.4084449

Int. Std.	Y_ 2243	Y_ 2243	Y_ 3600	Y_ 3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1149.793	1743.805	38033.02	6456.536	3126.503
Stddev	9.100	11.988	17.34	15.875	17.089
%RSD	.7914243	.6874467	.0455933	.2458761	.5465707

#1	1155.716	1736.688	38047.56	6438.349	3117.073
#2	1139.316	1757.646	38037.67	6463.649	3146.229
#3	1154.348	1737.082	38013.83	6467.612	3116.208

Sample Name: I3892-22 Acquired: 7/5/2017 16:44:17 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v48) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MA4XM3 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0004089	-.001730	.0010799	.0052327	-.000280	.0115159	.0073067
Stddev	.0022949	.000681	.0010493	.0030428	.000039	.0023229	.0003702
%RSD	561.2436	39.35906	97.16860	58.14891	13.94863	20.17125	5.066223

#1	.0026514	-.001616	.0020297	.0019918	-.000237	.0113116	.0076797
#2	-.001935	-.002460	-.000046	.0056781	-.000312	.0139342	.0069395
#3	.000510	-.001113	.001256	.0080282	-.000293	.0093019	.0073008

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000027	-.000129	35.73652	-.005117	.0017139	-.000052	.0479983
Stddev	.000154	.000015	.21703	.000180	.0001960	.000948	.0059736
%RSD	559.7619	11.63547	.6072996	3.517527	11.43607	1825.466	12.44544

#1	-.000182	-.000145	35.82640	-.005209	.0014948	-.000989	.0503722
#2	.000125	-.000115	35.89417	-.005232	.0018725	-.000073	.0412027
#3	-.000024	-.000127	35.48899	-.004909	.0017743	.000906	.0524201

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.6084759	7.966310	.0012449	-.000002	30.82454	.0046064	.0080361
Stddev	.0019922	.002216	.0002723	.000233	.12784	.0011202	.0047677
%RSD	.3274139	.0278220	21.87820	10089.53	.4147371	24.31770	59.32891

#1	.6090223	7.968629	.0010454	-.000270	30.81872	.0043228	.0134500
#2	.6101379	7.966088	.0011340	.000103	30.95520	.0036553	.0044643
#3	.6062674	7.964213	.0015551	.000160	30.69972	.0058411	.0061939

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.432700	.0112298	.0183650	.0011489	35.39045	2.563133	-.001221
Stddev	.020082	.0030895	.0005012	.0001503	.28375	.006575	.000732
%RSD	1.401721	27.51103	2.729400	13.08459	.8017750	.2565191	59.92145

#1	1.422469	.0113636	.0180912	.0013076	35.48512	2.564336	-.000835
#2	1.455838	.0080757	.0180603	.0010086	35.07147	2.569024	-.002065
#3	1.419794	.0142503	.0189435	.0011305	35.61477	2.556040	-.000763

Sample Name: I3892-22 Acquired: 7/5/2017 16:44:17 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v48) Mode: CONC Corr. Factor: 1.000000
 User: JASWAL Custom ID1: MA4XM3 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	-.000674	-.000603	.3776941
Stddev	.001245	.000298	.0013274
%RSD	184.5862	49.43016	.3514452

#1	-.000360	-.000608	.3775157
#2	.000383	-.000898	.3791017
#3	-.002046	-.000302	.3764649

Int. Std.	Y_ 2243	Y_ 2243	Y_ 3600	Y_ 3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1174.374	1769.083	38557.46	6482.306	3183.143
Stddev	9.286	12.348	119.33	16.090	22.355
%RSD	.7906816	.6979684	.3094868	.2482089	.7022780

#1	1184.158	1773.187	38670.10	6484.420	3190.220
#2	1173.281	1778.856	38569.88	6465.263	3201.102
#3	1165.684	1755.206	38432.41	6497.234	3158.107

Sample Name: PB100359BL Acquired: 7/5/2017 17:00:44 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v48) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: PBW001 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000298	-.000133	.0006516	.0038040	.0009440	.0020369	-.000584
Stddev	.001021	.000877	.0001621	.0007209	.0006015	.0058890	.000389
%RSD	342.4681	658.7325	24.87982	18.95152	63.71898	289.1143	66.60955

#1	.000590	.000345	.0004701	.0035107	.0002671	.0077227	-.000942
#2	-.001414	-.001145	.0007028	.0032759	.0011474	-.004036	-.000170
#3	-.000070	.000400	.0007819	.0046253	.0014173	.002424	-.000641

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0000330	-.000120	.0096108	-.004824	.0000609	.0005954	.0099717
Stddev	.0000832	.000065	.0119283	.000171	.0001930	.0008795	.0057996
%RSD	251.8530	54.41126	124.1130	3.543063	317.1050	147.6978	58.16117

#1	.0000024	-.000167	.0145653	-.004844	-.000139	.0011424	.0165704
#2	.0001272	-.000045	-.003996	-.004985	.000247	-.000419	.0056830
#3	-.000030	-.000147	.018263	-.004645	.000075	.001063	.0076616

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000055	.0096202	.0001706	.0001872	.0244156	.0048886	-.009959
Stddev	.000517	.0024707	.0002731	.0000676	.0854648	.0014790	.004046
%RSD	932.9142	25.68229	160.0921	36.09890	350.0427	30.25382	40.62802

#1	-.000151	.0068183	-.000096	.0001545	.0815264	.0060213	-.007913
#2	.000502	.0114864	.000158	.0002650	-.073839	.0054292	-.007344
#3	-.000517	.0105558	.000450	.0001423	.065560	.0032154	-.014619

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.055483	-.000044	.0008373	.0003940	-.044252	-.000076	-.000099
Stddev	.013053	.001147	.0001969	.0000864	.015262	.001123	.000701
%RSD	23.52585	2582.873	23.51940	21.94176	34.48999	1480.858	709.3609

#1	-.067063	.001280	.0006145	.0004577	-.027900	.000001	-.000745
#2	-.058048	-.000737	.0009091	.0002956	-.046734	.001007	-.000198
#3	-.041338	-.000676	.0009881	.0004286	-.058121	-.001235	.000646

Sample Name: PB100359BL Acquired: 7/5/2017 17:00:44 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v48) Mode: CONC Corr. Factor: 1.000000
 User: JASWAL Custom ID1: PBW001 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	-.000092	.0005879	.0000118
Stddev	.000481	.0000628	.0000225
%RSD	521.4062	10.68953	190.7836

#1	-.000060	.0006154	.0000012
#2	.000372	.0006324	.0000377
#3	-.000588	.0005160	-.000003

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1246.513	1902.070	41036.13	6605.192	3540.410
Stddev	9.677	4.381	63.36	38.681	3.933
%RSD	.7763275	.2303504	.1543987	.5856214	.1110969

#1	1236.318	1897.150	41032.96	6579.266	3536.119
#2	1247.648	1903.506	40974.41	6649.653	3541.267
#3	1255.572	1905.553	41101.01	6586.658	3543.845

Sample Name: PB100359BS Acquired: 7/5/2017 17:04:54 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v48) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: LCS001 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0198339	.0590713	.0212897	.0768160	.1271063	.4041272
Stddev	.0028053	.0016531	.0020187	.0023278	.0008154	.0015567
%RSD	14.14409	2.798481	9.482113	3.030422	.6415061	.3852028

#1	.0176461	.0572603	.0190053	.0749103	.1273056	.4059102
#2	.0188589	.0594544	.0228335	.0761272	.1262098	.4034331
#3	.0229966	.0604992	.0220302	.0794105	.1278036	.4030382

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.4163785	.0109045	.0098468	10.12525	.0181142	.0952053
Stddev	.0011088	.0000441	.0000453	.03379	.0005529	.0007354
%RSD	.2662961	.4043207	.4604178	.3337485	3.052590	.7724545

#1	.4176291	.0108656	.0098394	10.15417	.0181995	.0954403
#2	.4155157	.0109524	.0098953	10.08810	.0186196	.0943810
#3	.4159907	.0108955	.0098055	10.13347	.0175236	.0957944

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0523191	.2396094	.0334213	10.23460	.0796967	.0201232
Stddev	.0008508	.0092583	.0007220	.11531	.0003770	.0000993
%RSD	1.626254	3.863912	2.160280	1.126658	.4731052	.4934207

#1	.0514382	.2467072	.0325919	10.36754	.0799630	.0202252
#2	.0523830	.2429839	.0339089	10.16166	.0792653	.0200268
#3	.0531362	.2291372	.0337632	10.17460	.0798620	.0201178

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	10.09238	.1157036	.1142841	9.267127	F .0260225	F .0245978
Stddev	.06902	.0013859	.0052147	.037686	.0012942	.0011579
%RSD	.6838410	1.197836	4.562937	.4066685	4.973550	4.707188

#1	10.10710	.1141209	.1202489	9.276550	.0246340	.0244787
#2	10.15285	.1162897	.1120156	9.299209	.0271954	.0258106
#3	10.01719	.1167002	.1105879	9.225624	.0262380	.0235041

Sample Name: PB100359BS Acquired: 7/5/2017 17:04:54 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v48) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: LCS001 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0230559	.5042170	.2139666	F .0132711	.2089391	.0966323
Stddev	.0003115	.0107404	.0017089	.0008181	.0014051	.0003428
%RSD	1.351215	2.130113	.7986641	6.164655	.6724915	.3547900

#1	.0227847	.4983049	.2121416	.0142153	.2102640	.0969219
#2	.0229868	.4977317	.2155290	.0127739	.2090877	.0967212
#3	.0233962	.5166146	.2142293	.0128241	.2074657	.0962537

Elem	Sr4077
Units	ppm
Avg	.2131243
Stddev	.0004122
%RSD	.1933984

#1	.2134884
#2	.2132078
#3	.2126768

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1261.844	1878.376	40791.43	6718.537	3401.245
Stddev	2.549	16.027	180.11	20.853	21.123
%RSD	.2020231	.8532431	.4415333	.3103764	.6210303

#1	1263.236	1884.309	40943.46	6730.101	3410.216
#2	1258.902	1890.591	40592.52	6694.464	3416.402
#3	1263.394	1860.229	40838.30	6731.044	3377.117

Sample Name: I3919-01 Acquired: 7/5/2017 17:09:01 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v48) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MA4XK6 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.001769	-.003800	.0012544	.0003612	-.000410	.0480067	.0160307
Stddev	.002648	.000912	.0013731	.0024968	.000712	.0009160	.0002333
%RSD	149.7027	24.01271	109.4679	691.2143	173.4338	1.908109	1.454995

#1	-.004486	-.004763	-.000322	-.001883	-.000065	.0469520	.0160002
#2	.000805	-.003688	.002193	-.000084	.000063	.0486034	.0162777
#3	-.001627	-.002948	.001891	.003051	-.001229	.0484646	.0158142

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000378	.0000758	310.3655	-.002978	.0043074	.0029174	.0510498
Stddev	.000033	.0001119	1.0140	.000209	.0001222	.0007343	.0079317
%RSD	8.708580	147.6295	.3267073	7.025979	2.837719	25.16969	15.53712

#1	-.000362	-.000029	311.4331	-.002809	.0042921	.0026078	.0437636
#2	-.000416	.000194	309.4154	-.003213	.0044365	.0037558	.0594987
#3	-.000357	.000062	310.2479	-.002913	.0041935	.0023886	.0498873

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	9.533760	28.75826	.0292769	.0000519	195.5736	-.005500	.0124158
Stddev	.026284	.12525	.0006612	.0002852	.8671	.002369	.0108591
%RSD	.2756936	.4355392	2.258589	549.9253	.4433658	43.06829	87.46236

#1	9.564052	28.89135	.0288182	-.000064	195.5113	-.004325	.0004240
#2	9.520241	28.74075	.0289776	.000377	196.4701	-.003949	.0152386
#3	9.516987	28.64269	.0300349	-.000157	194.7393	-.008227	.0215848

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	6.022635	-.000008	.0722048	.0012056	931.1822	7.112963	-.008290
Stddev	.081819	.002182	.0007811	.0000583	5.8991	.030390	.001985
%RSD	1.358524	26536.19	1.081737	4.832677	.6335013	.4272455	23.94030

#1	6.037503	.000806	.0718142	.0012633	924.5253	7.083214	-.010040
#2	6.096000	.001650	.0731042	.0011468	935.7610	7.143955	-.008697
#3	5.934401	-.002481	.0716961	.0012066	933.2602	7.111721	-.006134

Sample Name: I3919-01 Acquired: 7/5/2017 17:09:01 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v48) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MA4XK6 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	-.005858	.0103983	1.341469
Stddev	.001489	.0003413	.005092
%RSD	25.41077	3.282337	.3795981

#1	-.004981	.0102162	1.342438
#2	-.007576	.0107920	1.346008
#3	-.005016	.0101865	1.335963

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1085.912	1644.883	35808.07	6415.873	2737.876
Stddev	2.090	15.641	82.34	2.481	19.699
%RSD	.1924497	.9509167	.2299465	.0386719	.7195002

#1	1088.152	1661.328	35841.71	6416.317	2760.219
#2	1085.570	1643.130	35714.24	6418.102	2730.397
#3	1084.014	1630.193	35868.27	6413.200	2723.012

Sample Name: I3919-02 Acquired: 7/5/2017 17:13:05 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v48) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MA4XK7 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0054102	-.005040	.0031967	.0043327	.0001080	.0328593	.0393710
Stddev	.0048498	.001216	.0007292	.0030064	.0011902	.0061338	.0014093
%RSD	89.64164	24.11697	22.81109	69.38762	1101.912	18.66681	3.579473

#1	.0106739	-.004418	.0033041	.0073930	-.001245	.0381883	.0409344
#2	.0044338	-.004263	.0038662	.0013833	.000577	.0342350	.0389804
#3	.0011229	-.006441	.0024197	.0042218	.000992	.0261544	.0381983

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000047	-.000049	107.7556	-.003015	.0058445	.0006239	1.311832
Stddev	.000054	.000102	7.7306	.000106	.0001166	.0011285	.106128
%RSD	115.9253	207.5241	7.174170	3.516877	1.995497	180.8648	8.090091

#1	.000016	.000040	116.4116	-.002919	.0057285	.0004826	1.433415
#2	-.000082	-.000160	105.3160	-.003129	.0058430	.0018164	1.264323
#3	-.000074	-.000026	101.5391	-.002996	.0059618	-.000427	1.237759

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.174576	12.68301	.0355633	.0000252	95.01985	.0012689	.0315781
Stddev	.285028	.86528	.0004603	.0001814	6.69625	.0015391	.0072475
%RSD	6.827711	6.822361	1.294298	719.2115	7.047208	121.2877	22.95095

#1	4.491621	13.64593	.0360809	.0000580	102.5209	.0028802	.0348195
#2	4.092556	12.43243	.0351999	-.000170	92.8945	.0011127	.0232756
#3	3.939551	11.97068	.0354092	.000188	89.6442	-.000186	.0366390

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.491017	.0412367	.0894250	.0043084	79.48302	5.751389	-.004647
Stddev	.423038	.0015454	.0056974	.0002367	.75089	.345806	.001476
%RSD	7.704176	3.747714	6.371187	5.494852	.9447170	6.012558	31.75989

#1	5.968308	.0428375	.0954379	.0041790	80.27264	6.135586	-.002998
#2	5.342407	.0397534	.0887304	.0041645	79.39839	5.653502	-.005096
#3	5.162338	.0411192	.0841067	.0045816	78.77804	5.465079	-.005846

Sample Name: I3919-02 Acquired: 7/5/2017 17:13:05 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v48) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MA4XK7 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	-.001776	-.000593	.4796068
Stddev	.001044	.000119	.0335709
%RSD	58.79715	20.06541	6.999667

#1	-.002336	-.000656	.5168642
#2	-.002421	-.000456	.4702474
#3	-.000571	-.000668	.4517089

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1126.765	1692.825	37257.88	6429.284	2946.660
Stddev	9.799	8.075	88.66	375.463	20.358
%RSD	.8696766	.4770389	.2379546	5.839884	.6908730

#1	1115.485	1686.698	37240.31	6014.777	2925.490
#2	1131.632	1689.801	37354.01	6526.491	2948.396
#3	1133.177	1701.976	37179.33	6746.584	2966.094

Sample Name: I3919-03 Acquired: 7/5/2017 17:17:11 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v48) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MA4XL1 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000725	-.001722	-.000155	-.000133	-.000222	.0266244	.0089171
Stddev	.003417	.001877	.000866	.000568	.000636	.0021205	.0004966
%RSD	471.4219	109.0095	559.2769	426.9702	286.4434	7.964367	5.569445

#1	.002594	.000230	.000281	.000523	-.000448	.0263125	.0083558
#2	-.000536	-.003515	-.001153	-.000462	.000496	.0288835	.0092996
#3	-.004232	-.001882	.000407	-.000460	-.000714	.0246771	.0090958

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0000536	-.000145	78.02654	-.004664	-.001037	.0028209	-.002428
Stddev	.0000668	.000036	.34238	.000200	.000102	.0002755	.004199
%RSD	124.6264	24.73565	.4388052	4.290951	9.825283	9.764560	172.9301

#1	-.000023	-.000131	78.37955	-.004682	-.000968	.0031278	-.006706
#2	.000082	-.000119	78.00418	-.004855	-.000988	.0027398	-.002267
#3	.000101	-.000187	77.69588	-.004456	-.001154	.0025951	.001688

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0064049	4.335901	.0014478	-.000001	24.00923	.0017042	.0147709
Stddev	.0000913	.073100	.0002406	.000178	.12351	.0009625	.0100362
%RSD	1.425613	1.685932	16.61840	27432.76	.5144168	56.47417	67.94575

#1	.0064262	4.420242	.0016007	-.000177	24.14558	.0015039	.0143496
#2	.0063049	4.290801	.0011705	.000178	23.90485	.0008577	.0250110
#3	.0064837	4.296660	.0015723	-.000003	23.97725	.0027511	.0049520

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.133001	.0159875	.0233942	.0009222	102.0094	2.439096	-.002562
Stddev	.019407	.0013031	.0007543	.0001304	.4484	.012402	.000591
%RSD	.4695592	8.150633	3.224241	14.13939	.4395536	.5084655	23.06662

#1	4.144674	.0152425	.0232137	.0010528	102.0058	2.452965	-.001966
#2	4.143730	.0174921	.0227465	.0007920	101.5628	2.429071	-.002571
#3	4.110598	.0152277	.0242223	.0009220	102.4596	2.435253	-.003148

Sample Name: I3919-03 Acquired: 7/5/2017 17:17:11 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v48) Mode: CONC Corr. Factor: 1.000000
 User: JASWAL Custom ID1: MA4XL1 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	-.001833	-.000387	.4026030
Stddev	.001097	.000686	.0006953
%RSD	59.83279	177.3486	.1727099

#1	-.000568	.000186	.4028891
#2	-.002523	-.001148	.4031096
#3	-.002408	-.000200	.4018102

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1170.686	1752.871	38772.38	6568.332	3160.086
Stddev	6.036	7.060	118.71	29.194	10.914
%RSD	.5155711	.4027764	.3061706	.4444731	.3453808

#1	1163.767	1760.132	38648.39	6536.987	3171.305
#2	1173.421	1752.450	38885.00	6573.259	3159.447
#3	1174.870	1746.031	38783.74	6594.749	3149.505

Sample Name: I3919-04 Acquired: 7/5/2017 17:21:17 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v48) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MA4XL2 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.002597	-.002488	.0003703	.0044970	-.000403	.0248224	.0404399
Stddev	.002900	.001494	.0012201	.0043273	.001218	.0011301	.0001704
%RSD	111.6887	60.05129	329.5297	96.22738	302.5045	4.552731	.4213237

#1	-.005222	-.004187	-.000007	.0091190	.000425	.0249226	.0405758
#2	.000517	-.001896	-.000616	.0038301	-.001801	.0236455	.0404951
#3	-.003085	-.001381	.001735	.0005418	.000169	.0258990	.0402487

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0001824	-.000010	59.69217	-.005221	-.000755	.0016179	3.520883
Stddev	.0000079	.000079	.39927	.000576	.000270	.0009247	.050965
%RSD	4.329309	824.6063	.6688884	11.02709	35.79019	57.15374	1.447512

#1	.0001738	-.000061	60.14442	-.004817	-.000600	.0007810	3.577231
#2	.0001893	-.000049	59.54363	-.004965	-.000598	.0014622	3.507409
#3	.0001842	.000081	59.38846	-.005880	-.001068	.0026106	3.478008

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.5593282	17.92275	.0007752	.0000272	64.08489	.0031165	.1185576
Stddev	.0013743	.07209	.0003301	.0000758	.15235	.0011437	.0090206
%RSD	.2457047	.4022312	42.58214	278.4082	.2377263	36.69845	7.608654

#1	.5607250	18.00597	.0009950	.0000134	64.25259	.0027766	.1103274
#2	.5592821	17.87922	.0003956	.0001089	63.95502	.0021813	.1282017
#3	.5579776	17.88307	.0009352	-.000041	64.04706	.0043916	.1171437

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	13.34237	.0295980	.0051764	.0059724	113.2492	4.254480	-.000708
Stddev	.03239	.0035300	.0008030	.0005889	1.0697	.005529	.000447
%RSD	.2427937	11.92636	15.51250	9.859520	.9445628	.1299566	63.15996

#1	13.37543	.0327897	.0060030	.0057104	112.1061	4.248404	-.000391
#2	13.34101	.0258066	.0051270	.0066467	114.2261	4.259215	-.001219
#3	13.31068	.0301978	.0043993	.0055599	113.4152	4.255822	-.000513

Sample Name: I3919-04 Acquired: 7/5/2017 17:21:17 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v48) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MA4XL2 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	-.000234	.0043748	.9073170
Stddev	.000709	.0004364	.0013595
%RSD	303.6963	9.975822	.1498381

#1	-.000673	.0048755	.9088613
#2	.000585	.0040755	.9067894
#3	-.000613	.0041732	.9063005

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1202.270	1877.604	39105.21	6691.893	3316.370
Stddev	.357	13.008	84.77	23.344	17.664
%RSD	.0296865	.6927854	.2167653	.3488439	.5326392

#1	1202.074	1882.912	39040.57	6668.050	3329.689
#2	1202.054	1862.782	39201.18	6714.705	3296.332
#3	1202.682	1887.118	39073.88	6692.923	3323.087

Sample Name: I3919-05 Acquired: 7/5/2017 17:25:36 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v48) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MA4XL3 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0015997	-.000913	.0007861	-.000042	-.000051	.0399601	.0196631
Stddev	.0032780	.000451	.0015812	.002144	.001648	.0027563	.0001334
%RSD	204.9118	49.41871	201.1374	5089.002	3199.824	6.897688	.6783494

#1	-.001066	-.000645	-.000177	-.000519	-.001087	.0427779	.0197494
#2	.005260	-.000661	.002611	.002300	-.000916	.0398327	.0195095
#3	.000605	-.001435	-.000075	-.001907	.001849	.0372697	.0197304

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0000426	-.000026	32.35627	-.004275	-.000798	.0020192	.8934571
Stddev	.0000067	.000076	.03997	.000131	.000063	.0011634	.0070784
%RSD	15.66882	293.9654	.1235192	3.056135	7.921867	57.61759	.7922461

#1	.0000375	.000012	32.40197	-.004141	-.000870	.0014719	.8928515
#2	.0000402	.000024	32.32787	-.004283	-.000750	.0033554	.9008189
#3	.0000502	-.000113	32.33898	-.004402	-.000775	.0012304	.8867010

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1928558	3.551601	.0009356	.0002419	83.57567	.0055023	.0380196
Stddev	.0016494	.061847	.0003719	.0000713	.36939	.0015377	.0022490
%RSD	.8552694	1.741395	39.75118	29.47776	.4419820	27.94643	5.915331

#1	.1929413	3.604659	.0012999	.0003234	83.94842	.0037579	.0354546
#2	.1911652	3.483675	.0009504	.0001909	83.20974	.0066616	.0396535
#3	.1944608	3.566470	.0005565	.0002114	83.56883	.0060872	.0389508

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.160063	.0250848	.0090720	.0005307	8.673077	2.744745	-.001809
Stddev	.009200	.0012839	.0004355	.0001937	.001139	.010949	.001419
%RSD	.4259348	5.118215	4.800193	36.49056	.0131340	.3989134	78.44261

#1	2.170588	.0255665	.0094915	.0004059	8.672811	2.738018	-.000577
#2	2.156048	.0260581	.0086222	.0007538	8.672094	2.738837	-.001491
#3	2.153552	.0236297	.0091024	.0004324	8.674325	2.757379	-.003361

Sample Name: I3919-05 Acquired: 7/5/2017 17:25:36 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v48) Mode: CONC Corr. Factor: 1.000000
 User: JASWAL Custom ID1: MA4XL3 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.0002195	.0000742	.7658708
Stddev	.0003983	.0001806	.0006332
%RSD	181.4751	243.2732	.0826749

#1	.0003433	-.000002	.7665959
#2	-.000226	-.000056	.7655897
#3	.000541	.000280	.7654269

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1172.030	1748.867	38360.17	6593.672	3106.546
Stddev	8.077	11.329	52.55	9.983	15.985
%RSD	.6891573	.6478024	.1369883	.1514005	.5145689

#1	1163.687	1760.269	38353.80	6604.053	3120.648
#2	1172.592	1748.720	38311.10	6592.821	3109.810
#3	1179.812	1737.612	38415.61	6584.142	3089.181

Sample Name: I3919-06 Acquired: 7/5/2017 17:29:45 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v48) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MA4XM1 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.001528	-.000935	.0017070	.0000472	.0001706	.0008869	-.001203
Stddev	.002230	.002160	.0011786	.0022972	.0007055	.0061302	.000514
%RSD	145.9792	231.1052	69.04637	4867.396	413.5913	691.1861	42.74013

#1	.000614	-.001358	.0027108	-.000910	.0006720	-.003895	-.001771
#2	-.001361	.001406	.0004092	-.001617	.0004758	-.001243	-.000769
#3	-.003836	-.002852	.0020009	.002668	-.000636	.007798	-.001070

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0000577	-.000053	.1307768	-.005788	.0000259	.0061325	.0038815
Stddev	.0000317	.000149	.0048147	.000316	.0000811	.0001179	.0078754
%RSD	54.96355	280.5829	3.681650	5.467693	313.2425	1.922445	202.8953

#1	.0000937	-.000142	.1360463	-.005660	-.000049	.0060611	.0029291
#2	.0000450	.000119	.1266071	-.006148	.000112	.0060679	.0121898
#3	.0000342	-.000136	.1296769	-.005556	.000015	.0062686	-.003474

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0001175	.0330729	-.000249	.0000069	198.2682	.0003354	-.009962
Stddev	.0002067	.0072641	.000209	.0001439	2.3740	.0018643	.006478
%RSD	175.9124	21.96406	83.99700	2090.716	1.197391	555.8123	65.02081

#1	.0003201	.0393707	-.000015	-.000109	197.3718	.0006923	-.002548
#2	.0001254	.0251260	-.000315	-.000038	196.4729	.0019954	-.012813
#3	-.000093	.0347220	-.000416	.000168	200.9600	-.001681	-.014526

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.574672	.0008335	.0141538	.0008917	21.78808	6.134892	-.000670
Stddev	.011824	.0019598	.0004544	.0003786	.18848	.072443	.000282
%RSD	2.057532	235.1440	3.210205	42.46061	.8650485	1.180838	42.02857

#1	-.580829	.0027486	.0136305	.0005616	21.64207	6.124698	-.000717
#2	-.582147	-.001168	.0143821	.0008085	21.72131	6.068086	-.000368
#3	-.561040	.000920	.0144487	.0013051	22.00085	6.211892	-.000925

Sample Name: I3919-06 Acquired: 7/5/2017 17:29:45 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v48) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MA4XM1 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	-.000089	-.001240	.0023057
Stddev	.000270	.000147	.0000420
%RSD	302.9827	11.82294	1.819259

#1	.000212	-.001088	.0023143
#2	-.000170	-.001381	.0022602
#3	-.000309	-.001252	.0023427

Int. Std.	Y_ 2243	Y_ 2243	Y_ 3600	Y_ 3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1197.239	1793.962	38026.14	6555.212	3047.647
Stddev	4.807	14.256	88.26	80.214	16.036
%RSD	.4014662	.7946889	.2321037	1.223673	.5261693

#1	1191.858	1800.247	38121.98	6583.573	3054.962
#2	1201.106	1803.996	38008.22	6617.393	3058.721
#3	1198.754	1777.643	37948.20	6464.670	3029.258

Sample Name: I3919-07 Acquired: 7/5/2017 17:33:56 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v48) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MA4XM1D Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.002260	-.001604	.0008477	.0015461	.0004479	.0030087	-.001335
Stddev	.001600	.001325	.0006438	.0007581	.0005553	.0028824	.000270
%RSD	70.78788	82.59185	75.94675	49.03142	123.9950	95.80338	20.23754

#1	-.001310	-.002150	.0006480	.0011961	.0009267	.0034885	-.001581
#2	-.001364	-.002569	.0015677	.0010263	-.000161	.0056211	-.001378
#3	-.004108	-.000094	.0003274	.0024160	.000578	-.000084	-.001046

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0000195	-.000071	.1657881	-.005768	-.000103	.0031625	.0046248
Stddev	.0000400	.000102	.0132008	.000140	.000181	.0003369	.0126262
%RSD	205.2334	143.4835	7.962471	2.435096	176.3805	10.65312	273.0130

#1	-.000001	-.000188	.1505493	-.005928	-.000086	.0027760	.0130613
#2	.000066	-.000027	.1730969	-.005706	.000070	.0033936	-.009891
#3	-.000006	.000002	.1737181	-.005668	-.000292	.0033180	.010704

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000197	.0275529	-.000224	.0000174	201.5093	.0027571	.0025402
Stddev	.000241	.0233149	.000268	.0001545	.6618	.0029089	.0062849
%RSD	122.2811	84.61863	119.8165	888.6942	.3284191	105.5042	247.4234

#1	.000070	.0464866	-.000071	.0000032	201.1521	.0027983	-.002572
#2	-.000399	.0015114	-.000533	-.000130	202.2729	.0056452	.000635
#3	-.000263	.0346608	-.000067	.000179	201.1028	-.000172	.009557

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.562805	.0031962	.0137003	.0005338	22.26120	6.234788	.0002508
Stddev	.009810	.0022397	.0003338	.0002035	.15347	.030879	.0004605
%RSD	1.743097	70.07190	2.436516	38.12869	.6894054	.4952703	183.5780

#1	-.552079	.0006936	.0133720	.0003036	22.29832	6.205800	-.000281
#2	-.571324	.0050120	.0136895	.0006900	22.09257	6.267262	.000521
#3	-.565013	.0038831	.0140394	.0006079	22.39270	6.231301	.000513

Sample Name: I3919-07 Acquired: 7/5/2017 17:33:56 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v48) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MA4XM1D Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.0002946	-.001512	.0023266
Stddev	.0009793	.000188	.0000369
%RSD	332.4201	12.41507	1.587772

#1	-.000705	-.001728	.0022992
#2	.000338	-.001411	.0023686
#3	.001252	-.001396	.0023121

Int. Std.	Y_ 2243	Y_ 2243	Y_ 3600	Y_ 3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1193.561	1788.670	37867.45	6528.824	3038.330
Stddev	10.332	7.630	83.64	37.530	9.443
%RSD	.8656544	.4265473	.2208840	.5748306	.3108004

#1	1187.203	1780.789	37810.65	6564.613	3037.371
#2	1205.482	1796.021	37963.50	6489.767	3048.216
#3	1187.997	1789.201	37828.21	6532.090	3029.403

Sample Name: I3919-08 Acquired: 7/5/2017 17:38:06 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v48) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MA4XM1S Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0443012	.0729627	.0216853	.0537401	.1099213	2.057095	2.175836
Stddev	.0056301	.0014468	.0006220	.0009915	.0012239	.005774	.000393
%RSD	12.70862	1.982976	2.868076	1.844949	1.113415	.2806833	.0180447

#1	.0407015	.0715474	.0221989	.0532277	.1087347	2.057896	2.176278
#2	.0414129	.0729015	.0209938	.0548830	.1098500	2.062427	2.175529
#3	.0507893	.0744391	.0218633	.0531097	.1111793	2.050963	2.175700

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0544369	.0520633	.1606086	.2295595	.5201690	.2748078	1.215169
Stddev	.0004201	.0002307	.0089208	.0004207	.0019874	.0013472	.008770
%RSD	.7716597	.4431552	5.554404	.1832480	.3820703	.4902305	.7217196

#1	.0540181	.0517991	.1569414	.2299966	.5179251	.2743120	1.217911
#2	.0548582	.0522250	.1707786	.2295242	.5217074	.2763326	1.222240
#3	.0544344	.0521657	.1541058	.2291575	.5208745	.2737787	1.205355

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.5924860	.0369481	.5351101	.0257074	202.2598	.5877684	.5096613
Stddev	.0049633	.0331228	.0033115	.0003210	.8488	.0036862	.0123758
%RSD	.8377148	89.64659	.6188449	1.248725	.4196450	.6271584	2.428241

#1	.5872243	.0323410	.5314652	.0255678	201.2976	.5835533	.5030781
#2	.5970842	.0063702	.5379336	.0260746	202.9022	.5903891	.5239373
#3	.5931495	.0721333	.5359316	.0254798	202.5795	.5893627	.5019686

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.548204	-.004585	.0124931	.0004941	22.22904	6.351752	-.000779
Stddev	.026700	.001906	.0009662	.0001898	.08782	.035843	.001041
%RSD	4.870462	41.56735	7.734253	38.41891	.3950676	.5643016	133.6779

#1	-.540817	-.002521	.0135066	.0002903	22.32918	6.313985	-.000131
#2	-.577820	-.004956	.0123904	.0006659	22.16514	6.385297	-.001980
#3	-.525975	-.006277	.0115823	.0005260	22.19278	6.355973	-.000226

Sample Name: I3919-08 Acquired: 7/5/2017 17:38:06 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v48) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MA4XM1S Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.0002022	-.000996	.0023276
Stddev	.0002743	.000576	.0000127
%RSD	135.6350	57.85343	.5475285

#1	.0004067	-.001557	.0023202
#2	.0003094	-.001026	.0023202
#3	-.000109	-.000405	.0023423

Int. Std.	Y_ 2243	Y_ 2243	Y_ 3600	Y_ 3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1209.017	1800.509	38155.79	6526.271	3036.631
Stddev	1.448	5.504	46.32	22.318	10.512
%RSD	.1198002	.3056674	.1213965	.3419769	.3461883

#1	1209.880	1806.666	38110.37	6550.579	3048.741
#2	1209.826	1796.067	38202.96	6521.530	3029.856
#3	1207.345	1798.794	38154.03	6506.704	3031.296

Sample Name: I3919-06LX5 Acquired: 7/5/2017 17:42:13 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v48) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MA4XM1L Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0003567	-.000015	.0004348	.0013067	-.000381	.0042647	-.000901
Stddev	.0023718	.001412	.0015046	.0021750	.001301	.0038396	.000202
%RSD	665.0246	9592.581	346.0942	166.4472	341.2732	90.03322	22.43495

#1	.0025172	.000871	.0021207	.0020862	.000583	.0015213	-.000673
#2	-.002181	.000728	-.000045	.0029845	.000134	.0086527	-.001059
#3	.000734	-.001643	-.000772	-.001151	-.001860	.0026201	-.000969

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000017	-.000062	.0221189	-.005076	-.000201	.0003855	.0064841
Stddev	.000046	.000019	.0018073	.000137	.000152	.0004512	.0183226
%RSD	275.1069	31.28687	8.170993	2.700811	75.72625	117.0274	282.5789

#1	-.000054	-.000067	.0212147	-.004938	-.000324	-.000043	.0256691
#2	.000035	-.000040	.0209421	-.005078	-.000031	.000857	-.010833
#3	-.000031	-.000078	.0241999	-.005212	-.000247	.000343	.004616

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0004146	.0356067	-.000258	-.000285	38.45083	.0036951	-.005147
Stddev	.0007775	.0081139	.000026	.000463	.12342	.0023614	.001979
%RSD	187.5515	22.78743	10.21901	162.3611	.3209891	63.90761	38.45017

#1	.0011732	.0281582	-.000236	-.000176	38.52551	.0010709	-.006988
#2	.0004510	.0344091	-.000250	.000114	38.51861	.0043657	-.003054
#3	-.000381	.0442528	-.000287	-.000793	38.30837	.0056487	-.005399

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.180773	.0001322	.0026897	.0004121	3.830788	1.246671	.0001211
Stddev	.017242	.0025335	.0010825	.0002048	.017052	.005773	.0010476
%RSD	9.537794	1916.580	40.24666	49.69847	.4451226	.4630634	864.8266

#1	-.200034	.0012022	.0036374	.0006254	3.816355	1.249425	-.000006
#2	-.166779	.0019552	.0029218	.0003937	3.826407	1.250552	.001227
#3	-.175505	-.002761	.0015100	.0002170	3.849603	1.240037	-.000857

Sample Name: I3919-06LX5 Acquired: 7/5/2017 17:42:13 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v48) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MA4XM1L Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.0000080	.0009079	.0004374
Stddev	.0004779	.0002144	.0000085
%RSD	5946.860	23.60969	1.937205

#1	.0003896	.0010762	.0004311
#2	-.000528	.0009810	.0004471
#3	.000162	.0006666	.0004341

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1264.923	1899.780	40214.83	6606.682	3387.884
Stddev	5.918	7.479	123.21	34.875	7.977
%RSD	.4678581	.3936765	.3063740	.5278677	.2354555

#1	1262.234	1898.327	40098.96	6575.250	3383.749
#2	1271.708	1893.134	40344.26	6600.597	3382.824
#3	1260.827	1907.879	40201.27	6644.198	3397.079

Sample Name: CCV082 Acquired: 7/5/2017 17:46:24 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v48) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: CCV082 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.879518	4.696682	23.70961	4.771221	4.940024	395.7811
Stddev	.004242	.017444	.02615	.002891	.006926	2.8514
%RSD	.0869391	.3714009	.1102891	.0605931	.1401924	.7204402

#1	4.882666	4.676607	23.67982	4.774542	4.936812	395.9445
#2	4.874694	4.705297	23.72881	4.769272	4.935288	398.5472
#3	4.881195	4.708142	23.72019	4.769847	4.947972	392.8515

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	9.801994	.4999570	2.458671	402.9632	15.02096	2.449492
Stddev	.062390	.0033629	.002145	2.6951	.04074	.001456
%RSD	.6365028	.6726290	.0872467	.6688099	.2712102	.0594290

#1	9.826123	.5017985	2.456368	403.4264	15.05399	2.447818
#2	9.848715	.5019969	2.459033	405.3966	15.03346	2.450193
#3	9.731142	.4960756	2.460612	400.0665	14.97544	2.450464

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	14.86281	401.1026	14.91220	403.6327	2.448361	1.299372
Stddev	.08660	2.8489	.09206	2.7943	.005527	.001670
%RSD	.5826853	.7102745	.6173137	.6922941	.2257485	.1285124

#1	14.86075	401.8084	14.93102	404.6013	2.443329	1.299554
#2	14.95042	403.5322	14.99340	405.8139	2.447477	1.300943
#3	14.77725	397.9671	14.81219	400.4830	2.454277	1.297618

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	391.5451	2.463127	14.40790	150.3215	5.064944	F 4.134186
Stddev	3.3845	.014403	.08774	1.0224	.030073	.031702
%RSD	.8644051	.5847491	.6089813	.6801563	.5937494	.7668297

#1	390.9987	2.465964	14.38541	150.0658	5.036203	4.135670
#2	395.1695	2.475900	14.33360	151.4475	5.062436	4.165121
#3	388.4669	2.447516	14.50470	149.4512	5.096192	4.101768

Sample Name: CCV082 Acquired: 7/5/2017 17:46:24 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v48) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: CCV082 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.865228	4.887694	4.896589	4.855488	4.891782	5.055026
Stddev	.011367	.026341	.029274	.009489	.036614	.053641
%RSD	.2336457	.5389261	.5978381	.1954205	.7484798	1.061147

#1	4.868349	4.861270	4.902443	4.848609	4.894047	5.042186
#2	4.852626	4.913951	4.922493	4.851542	4.927211	5.113922
#3	4.874709	4.887861	4.864831	4.866313	4.854088	5.008970

Elem	Sr4077
Units	ppm
Avg	4.905915
Stddev	.050814
%RSD	1.035765

#1	4.964366
#2	4.872254
#3	4.881126

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1066.706	1592.992	34829.09	6163.602	2301.665
Stddev	5.303	2.692	38.33	35.128	3.039
%RSD	.4971391	.1690122	.1100593	.5699256	.1320352

#1	1067.472	1592.164	34797.05	6136.520	2305.156
#2	1071.584	1596.001	34871.56	6150.992	2299.611
#3	1061.061	1590.811	34818.66	6203.295	2300.228

Sample Name: CCB082 Acquired: 7/5/2017 17:50:30 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v48) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: CCB082 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000689	.0016133	-.000908	.0022561	.0009779	.0103268	-.001003
Stddev	.002874	.0017707	.001233	.0010271	.0012079	.0075684	.000577
%RSD	416.9740	109.7553	135.7081	45.52299	123.5277	73.28872	57.56265

#1	.001995	.0030756	.000471	.0010892	.0022919	.0104009	-.001620
#2	-.003721	.0021199	-.001293	.0030226	.0007259	.0178578	-.000476
#3	-.000341	-.000355	-.001903	.0026567	-.000084	.0027216	-.000913

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0000737	-.000014	-.005590	-.004981	.0001174	.0009466	.0067344
Stddev	.0000409	.000035	.004096	.000294	.0001749	.0014785	.0054421
%RSD	55.47104	250.8170	73.28464	5.905234	149.0379	156.1891	80.81035

#1	.0000893	-.000049	-.008590	-.005318	.0003179	.0011817	.0125276
#2	.0001045	.000020	-.007257	-.004775	-.000004	.0022936	.0017294
#3	.0000273	-.000012	-.000923	-.004849	.000038	-.000635	.0059461

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0004460	.0163203	-.000394	-.000193	.0137550	.0028674	-.003629
Stddev	.0003020	.0432969	.000446	.000183	.1101906	.0039673	.006889
%RSD	67.70464	265.2941	113.0972	95.24105	801.0982	138.3579	189.8299

#1	.0005812	.0003862	-.000607	-.000376	.0542474	.0017993	-.011558
#2	.0001001	-.016752	.000118	-.000193	-.110953	.0072594	-.000218
#3	.0006568	.065326	-.000693	-.000009	.097970	-.000456	.000889

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.055486	-.000836	.0067965	.0009264	-.104590	-.000799	-.000186
Stddev	.022696	.000759	.0003976	.0001056	.011598	.000660	.000877
%RSD	40.90425	90.73427	5.849898	11.40244	11.08929	82.61692	472.3193

#1	-.030041	-.001469	.0067126	.0008726	-.093385	-.000580	-.001196
#2	-.062775	.000005	.0072293	.0010482	-.103842	-.000276	.000264
#3	-.073643	-.001043	.0064475	.0008586	-.116545	-.001540	.000376

Sample Name: CCB082 Acquired: 7/5/2017 17:50:30 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v48) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: CCB082 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	-.000449	.0008075	-.000008
Stddev	.000241	.0000851	.000041
%RSD	53.53850	10.53548	497.2168

#1	-.000717	.0008944	-.000055
#2	-.000382	.0008039	.000023
#3	-.000250	.0007243	.000007

Int. Std.	Y_ 2243	Y_ 2243	Y_ 3600	Y_ 3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1313.681	1953.605	41882.74	6651.602	3614.275
Stddev	3.882	4.469	36.17	16.853	14.533
%RSD	.2955197	.2287339	.0863513	.2533706	.4021115

#1	1318.079	1953.506	41858.19	6632.440	3617.358
#2	1310.730	1958.122	41865.75	6658.241	3627.020
#3	1312.235	1949.187	41924.27	6664.124	3598.447