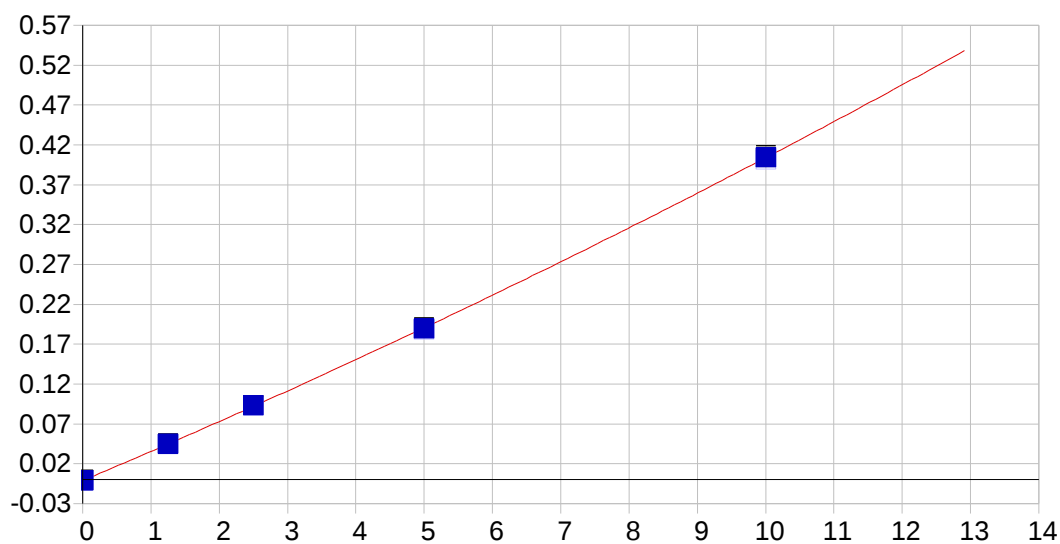




As 189.042 {479}

Date of Fit: 2/3/2017 22:33:24

Type of Fit: Curvilinear

Weighting: 1/Conc

A0 (Offset): -0.001035

Re-Slope: 1.000000

A1 (Gain): 0.036148

Y-int: 0.000000

A2 (Curvature): 0.000435

n (Exponent): 1.000000

Correlation: 0.999977

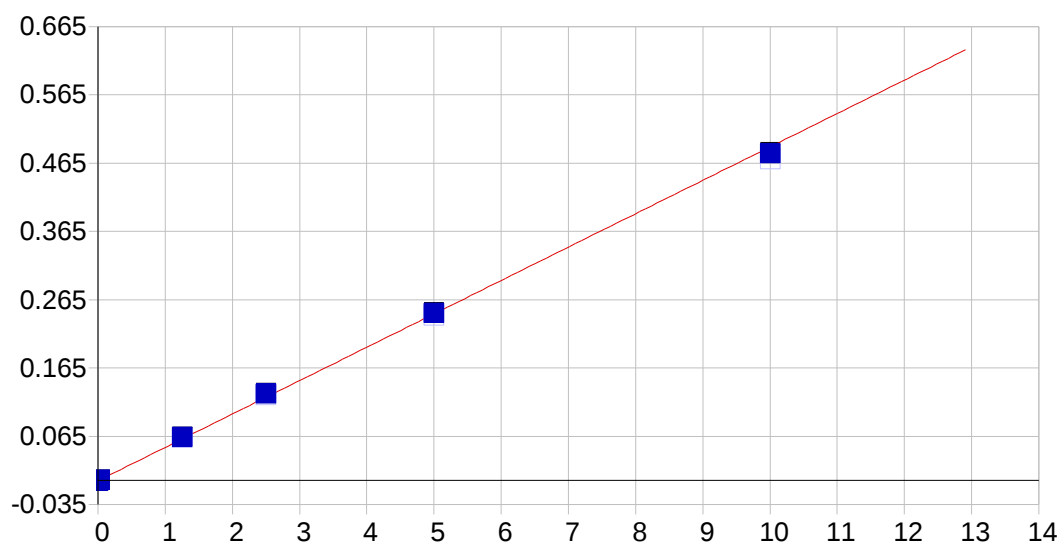
Status: Warning Positive Curvature

Std Error of Est: 0.000005

Predicted MDL: 0.010423

Predicted MQL: 0.034743

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	-.00103	.000	1
S1	.01000	.00745	-.003	-25.5	-.00077	.000	1
S2	1.2500	1.2492	-.001	-.066	.04449	.000	1
S3	2.5000	2.5211	.021	.846	.09224	.000	1
S4	5.0000	4.9759	-.024	-.483	.18835	.001	1
S5	10.000	10.006	.006	.065	.40172	.003	1



TI 190.856 {477}

Date of Fit: 2/3/2017 22:33:24

Type of Fit: Linear

Weighting: 1/Conc

A0 (Offset): -0.000288

Re-Slope: 1.000000

A1 (Gain): 0.048912

Y-int: 0.000000

A2 (Curvature): 0.000000

n (Exponent): 1.000000

Correlation: 0.999678

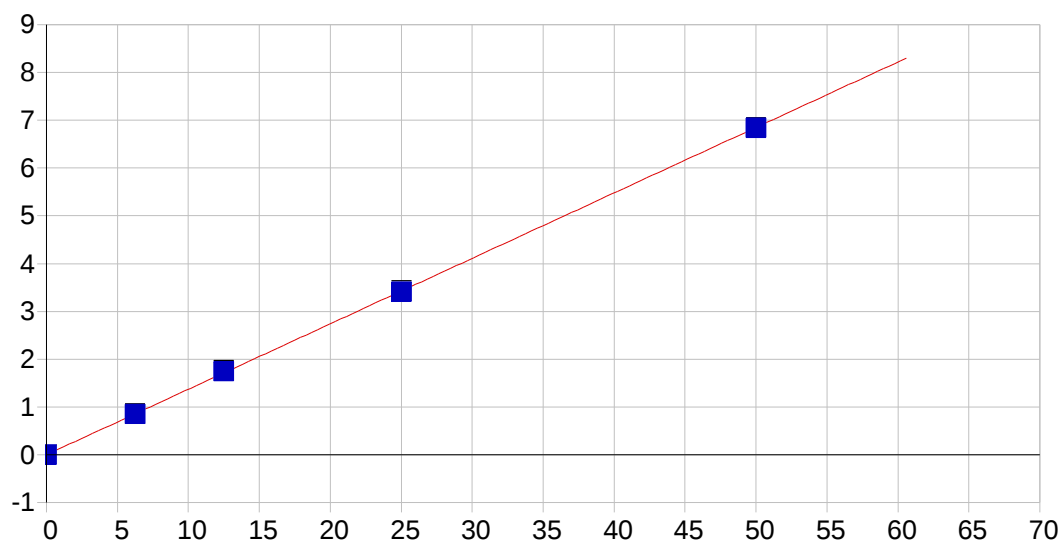
Status: OK.

Std Error of Est: 0.000032

Predicted MDL: 0.005374

Predicted MQL: 0.017913

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00001	.000	.000	-.00029	.000	1
S1	.02500	.02961	.005	18.4	.00106	.000	1
S2	1.2500	1.3059	.056	4.47	.06247	.000	1
S3	2.5000	2.6044	.104	4.18	.12488	.001	1
S4	5.0000	5.0294	.029	.587	.24127	.000	1
S5	10.000	9.8060	-.194	-1.94	.47046	.002	1



Pb 220.353 {453}

Date of Fit: 2/3/2017 22:33:24

Type of Fit: Linear

Weighting: 1/Conc

A0 (Offset): -0.000061

Re-Slope: 1.000000

A1 (Gain): 0.136979

Y-int: 0.000000

A2 (Curvature): 0.000000

n (Exponent): 1.000000

Correlation: 0.999980

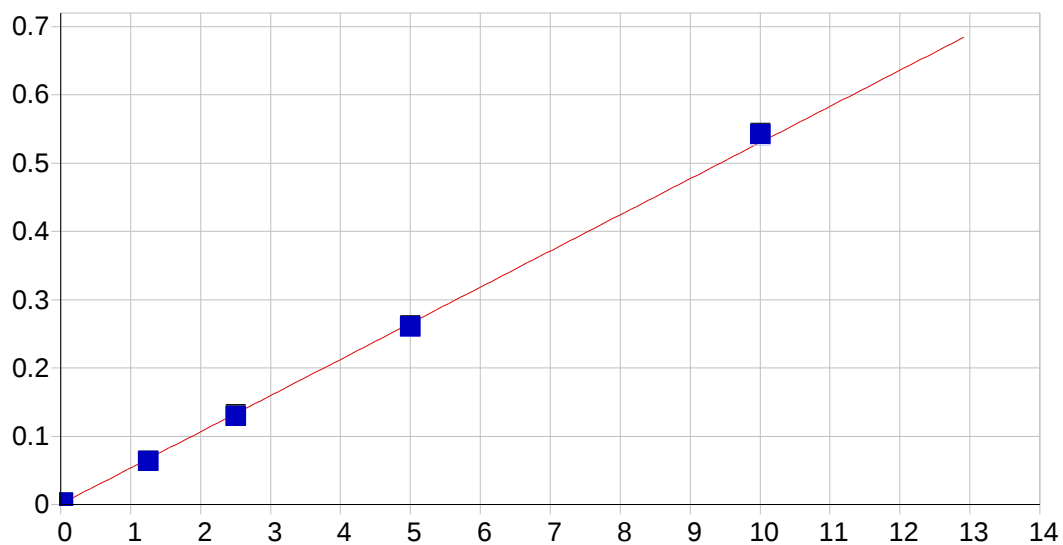
Status: OK.

Std Error of Est: 0.000032

Predicted MDL: 0.002719

Predicted MQL: 0.009062

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	-.00006	.000	1
S1	.01000	.00962	.000	-3.83	.00125	.000	1
S2	6.2500	6.2217	-.028	-.452	.85213	.003	1
S3	12.500	12.699	.199	1.59	1.7393	.023	1
S4	25.000	24.925	-.075	-.300	3.4139	.012	1
S5	50.000	49.905	-.095	-.191	6.8354	.011	1



Se 196.090 {472}

Date of Fit: 2/3/2017 22:33:24

Type of Fit: Linear

Weighting: 1/Conc

A0 (Offset): 0.000611

Re-Slope: 1.000000

A1 (Gain): 0.052956

Y-int: 0.000000

A2 (Curvature): 0.000000

n (Exponent): 1.000000

Correlation: 0.999678

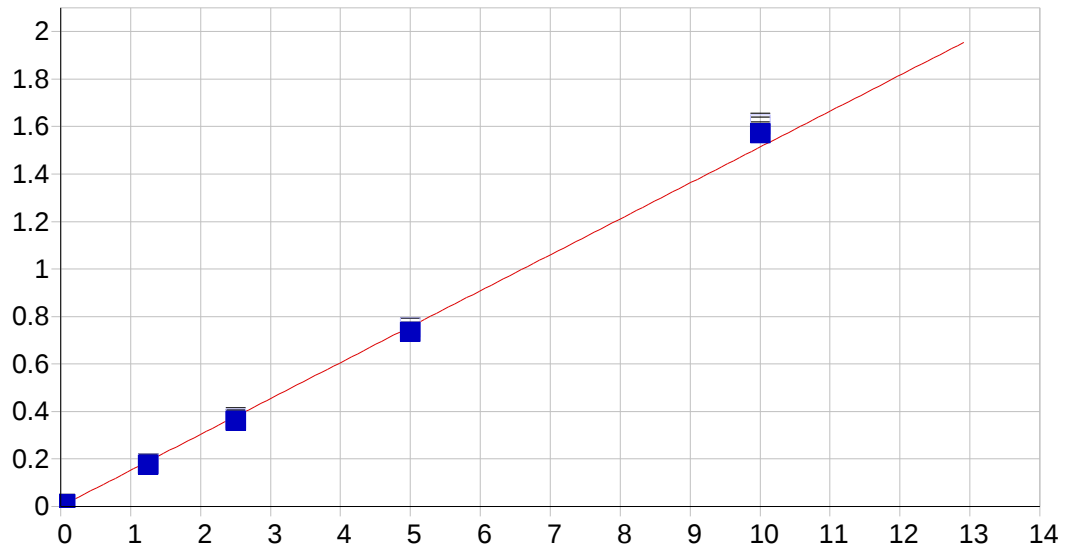
Status: OK.

Std Error of Est: 0.000042

Predicted MDL: 0.007740

Predicted MQL: 0.025800

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	.00061	.000	1
S1	.03500	.03330	-.002	-4.85	.00237	.000	1
S2	1.2500	1.1864	-.064	-5.09	.06319	.000	1
S3	2.5000	2.4359	-.064	-2.56	.12912	.002	1
S4	5.0000	4.9027	-.097	-1.95	.25926	.002	1
S5	10.000	10.227	.227	2.27	.54022	.002	1



Sb 206.833 {463}

Date of Fit: 2/3/2017 22:33:24

Type of Fit: Linear

Weighting: 1/Conc

A0 (Offset): 0.000978

Re-Slope: 1.000000

A1 (Gain): 0.151265

Y-int: 0.000000

A2 (Curvature): 0.000000

n (Exponent): 1.000000

Correlation: 0.999178

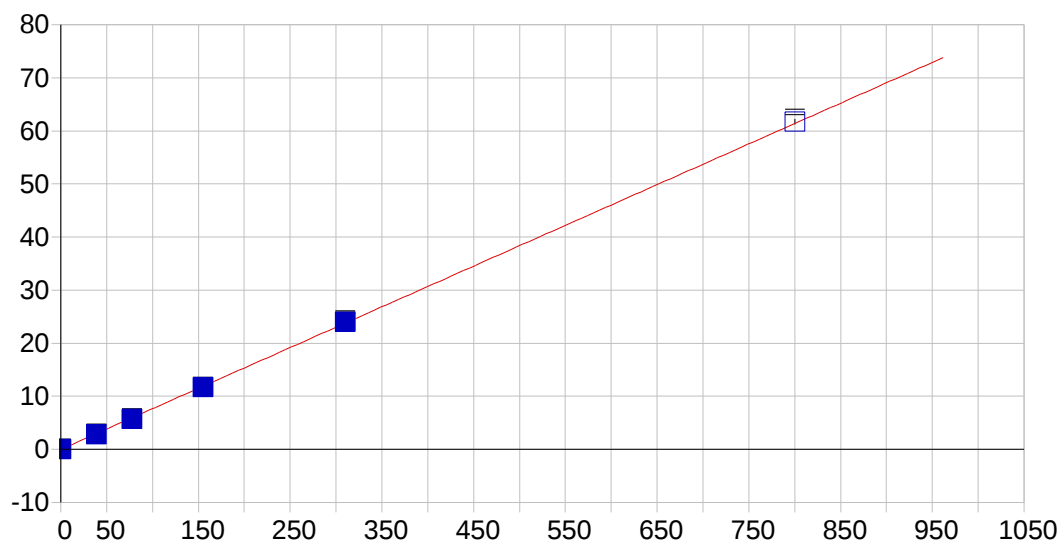
Status: OK.

Std Error of Est: 0.000258

Predicted MDL: 0.003027

Predicted MQL: 0.010091

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00001	.000	.000	.00098	.000	1
S1	.06000	.05724	-.003	-4.60	.00963	.000	1
S2	1.2500	1.1553	-.095	-7.58	.18027	.001	1
S3	2.5000	2.3754	-.125	-4.99	.36938	.005	1
S4	5.0000	4.8457	-.154	-3.09	.75214	.002	1
S5	10.000	10.376	.376	3.76	1.6069	.008	1



AI 396.152 { 85}

Date of Fit: 2/3/2017 22:33:24

Type of Fit: Linear

Weighting: 1/Conc

A0 (Offset): -0.000108

Re-Slope: 1.000000

A1 (Gain): 0.076720

Y-int: 0.000000

A2 (Curvature): 0.000000

n (Exponent): 1.000000

Correlation: 0.999913

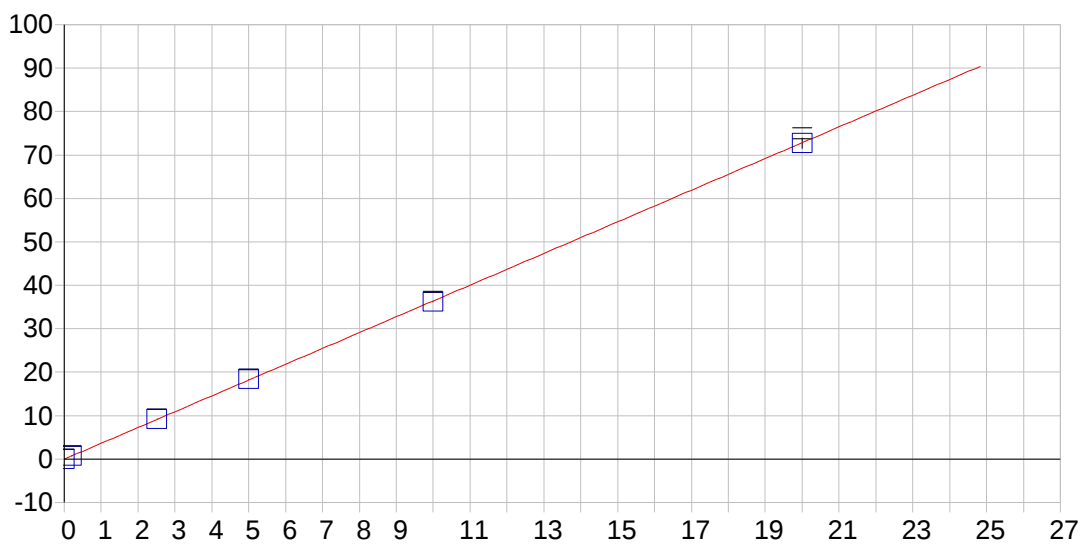
Status: OK.

Std Error of Est: 0.000628

Predicted MDL: 0.007573

Predicted MQL: 0.025243

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00001	.000	.000	-.00011	.000	1
S1	.20000	.20339	.003	1.69	.01552	.000	1
S2	38.750	37.172	-1.58	-4.07	2.8553	.011	1
S3	77.500	74.872	-2.63	-3.39	5.7512	.031	1
S4	155.00	152.44	-2.56	-1.65	11.709	.041	1
S5	310.00	312.65	2.65	.855	24.015	.184	1
S6	800.00	804.12	4.12	.515	61.692	.492	1



Ba 493.409 { 68}

Date of Fit: 2/3/2017 22:33:24

Type of Fit: Linear

Weighting: 1/Conc

A0 (Offset): -0.032784

Re-Slope: 1.000000

A1 (Gain): 3.643149

Y-int: 0.000000

A2 (Curvature): 0.000000

n (Exponent): 1.000000

Correlation: 0.999979

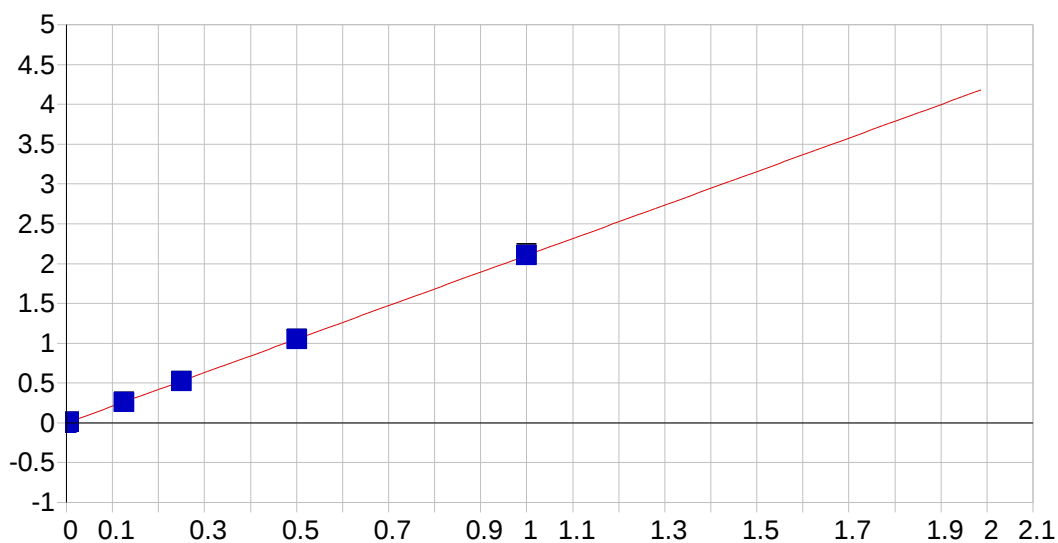
Status: OK.

Std Error of Est: 0.002507

Predicted MDL: 0.000456

Predicted MQL: 0.001519

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00001	.000	.000	-.03283	.001	1
S1	.20000	.20939	.009	4.70	.73006	.004	1
S2	2.5000	2.5264	.026	1.06	9.1714	.026	1
S3	5.0000	5.0503	.050	1.01	18.366	.076	1
S4	10.000	9.9448	-.055	-.552	36.198	.098	1
S5	20.000	19.969	-.031	-.155	72.718	1.31	1

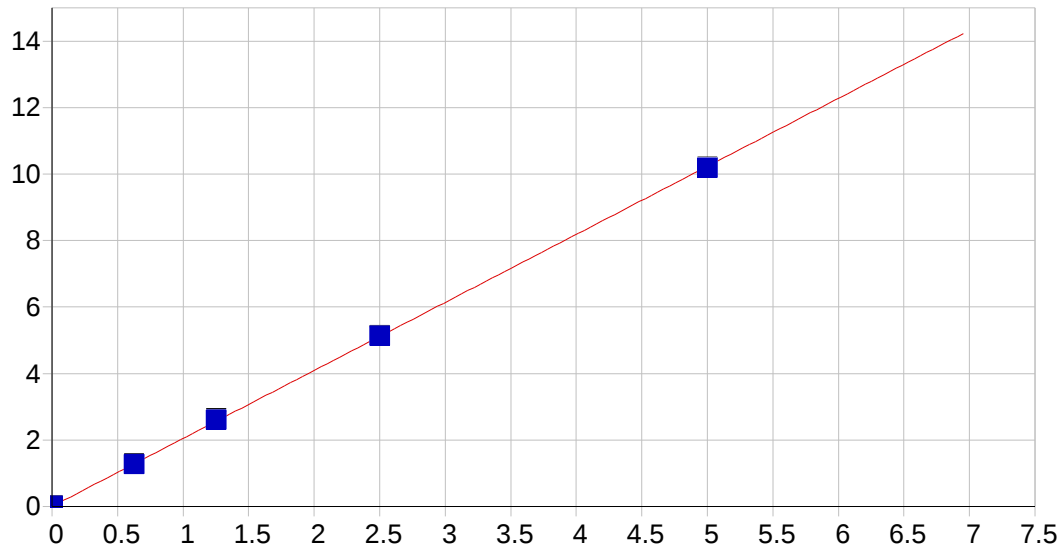


Be 234.861 {144}

Date of Fit: 2/3/2017 22:33:24 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.000861 Re-Slope: 1.000000
 A1 (Gain): 2.104150 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999995 Status: OK.
 Std Error of Est: 0.000024
 Predicted MDL: 0.000125
 Predicted MQL: 0.000416

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	-.00086	.000	1
S1	.00500	.00517	.000	3.32	.01000	.000	1
S2	.12500	.12483	.000	-.136	.26092	.001	1
S3	.25000	.24867	-.001	-.534	.52060	.002	1
S4	.50000	.49935	-.001	-.131	1.0463	.002	1
S5	1.0000	1.0020	.002	.199	2.1004	.019	1



Cd 214.438 {457}

Date of Fit: 2/3/2017 22:33:24

Type of Fit: Linear

Weighting: 1/Conc

A0 (Offset): 0.000594

Re-Slope: 1.000000

A1 (Gain): 2.046159

Y-int: 0.000000

A2 (Curvature): 0.000000

n (Exponent): 1.000000

Correlation: 0.999968

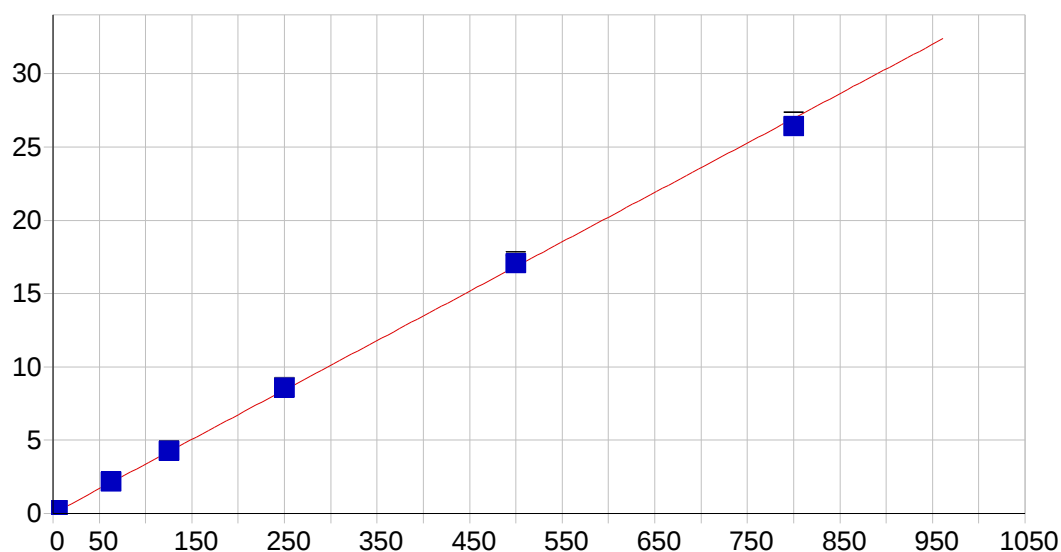
Status: OK.

Std Error of Est: 0.000138

Predicted MDL: 0.000148

Predicted MQL: 0.000494

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	.00059	.000	1
S1	.00500	.00486	.000	-2.82	.01054	.000	1
S2	.62500	.62129	-.004	-.593	1.2741	.005	1
S3	1.2500	1.2739	.024	1.91	2.6116	.034	1
S4	2.5000	2.5041	.004	.164	5.1333	.021	1
S5	5.0000	4.9759	-.024	-.482	10.200	.014	1



Ca 373.690 { 90}

Date of Fit: 2/3/2017 22:33:24

Type of Fit: Linear

Weighting: 1/Conc

A0 (Offset): 0.001370

Re-Slope: 1.000000

A1 (Gain): 0.033689

Y-int: 0.000000

A2 (Curvature): 0.000000

n (Exponent): 1.000000

Correlation: 0.999836

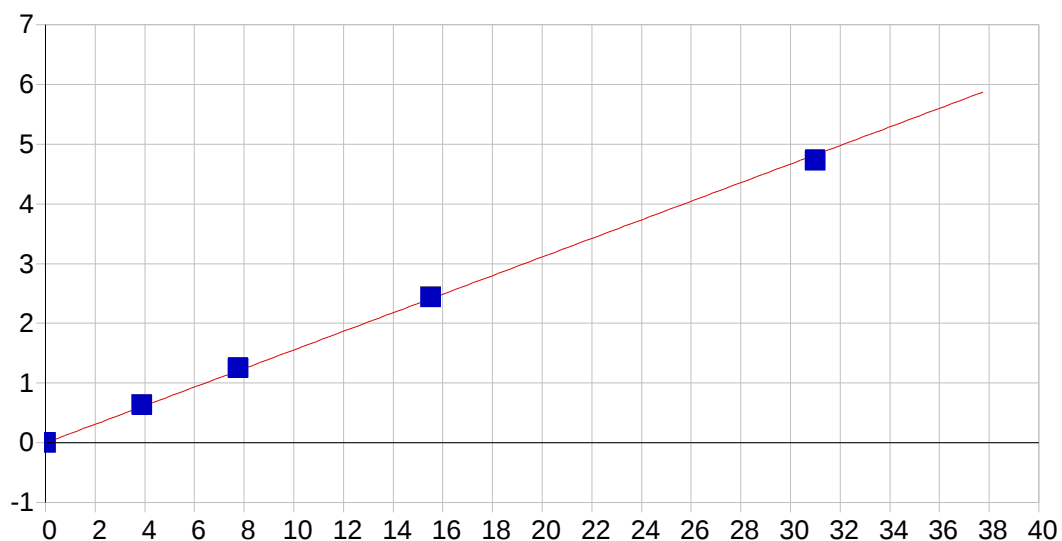
Status: OK.

Std Error of Est: 0.002125

Predicted MDL: 0.012839

Predicted MQL: 0.042796

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00066	-.001	.000	.00135	.001	1
S1	5.0000	5.3918	.392	7.84	.18301	.001	1
S2	62.500	63.963	1.46	2.34	2.1537	.006	1
S3	125.00	127.08	2.08	1.67	4.2776	.027	1
S4	250.00	254.60	4.60	1.84	8.5684	.038	1
S5	500.00	506.77	6.77	1.35	17.054	.115	1
S6	800.00	784.68	-15.3	-1.91	26.382	.292	1



Cr 267.716 {126}

Date of Fit: 2/3/2017 22:33:24

Type of Fit: Linear

Weighting: 1/Conc

A0 (Offset): 0.000003

Re-Slope: 1.000000

A1 (Gain): 0.155551

Y-int: 0.000000

A2 (Curvature): 0.000000

n (Exponent): 1.000000

Correlation: 0.999684

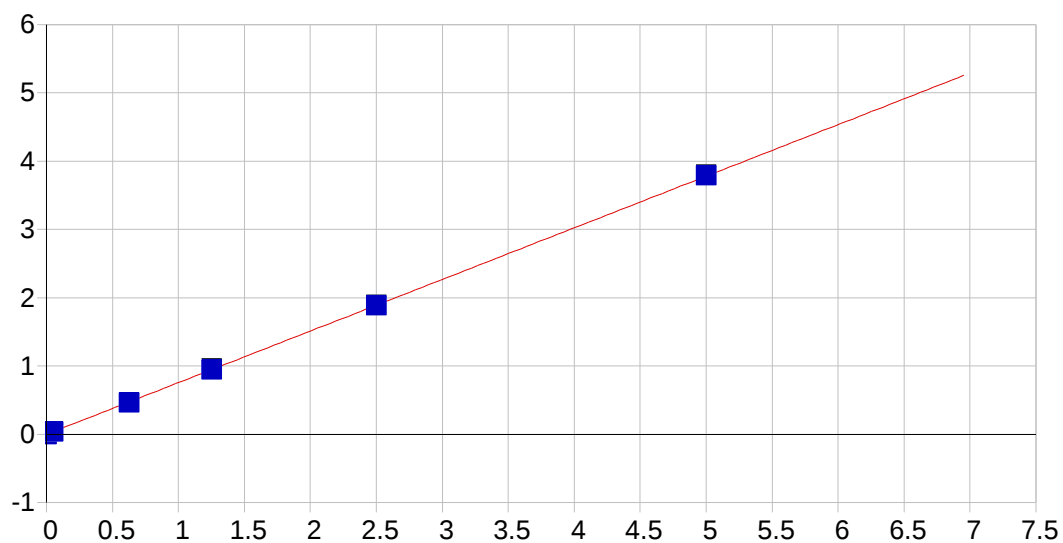
Status: OK.

Std Error of Est: 0.000116

Predicted MDL: 0.000510

Predicted MQL: 0.001699

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	.00000	.000	1
S1	.01000	.01190	.002	19.0	.00187	.000	1
S2	3.8750	4.0675	.192	4.97	.63427	.001	1
S3	7.7500	8.0377	.288	3.71	1.2534	.002	1
S4	15.500	15.682	.182	1.18	2.4457	.002	1
S5	31.000	30.335	-.665	-2.14	4.7312	.007	1



Co 228.616 {448}

Date of Fit: 2/3/2017 22:33:24

Type of Fit: Linear

Weighting: 1/Conc

A0 (Offset): -0.000641

Re-Slope: 1.000000

A1 (Gain): 0.756080

Y-int: 0.000000

A2 (Curvature): 0.000000

n (Exponent): 1.000000

Correlation: 0.999975

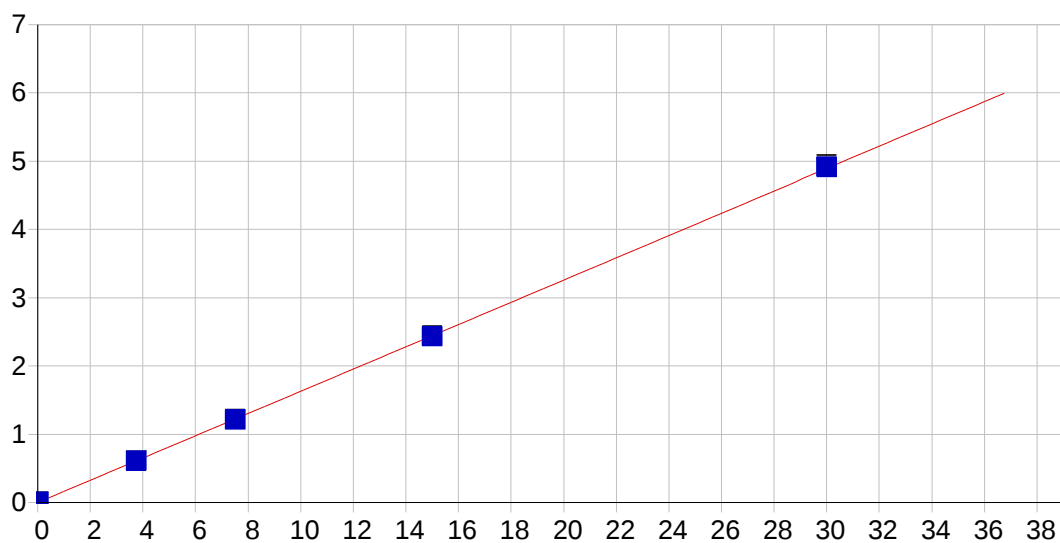
Status: OK.

Std Error of Est: 0.000143

Predicted MDL: 0.000401

Predicted MQL: 0.001337

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	-.00064	.000	1
S1	.05000	.04782	-.002	-4.36	.03565	.000	1
S2	.62500	.61112	-.014	-2.22	.46240	.002	1
S3	1.2500	1.2555	.006	.444	.95063	.012	1
S4	2.5000	2.4961	-.004	-.155	1.8906	.006	1
S5	5.0000	5.0144	.014	.288	3.7985	.006	1



Cu 324.754 {104}

Date of Fit: 2/3/2017 22:33:24

Type of Fit: Linear

Weighting: 1/Conc

A0 (Offset): 0.001014

Re-Slope: 1.000000

A1 (Gain): 0.163011

Y-int: 0.000000

A2 (Curvature): 0.000000

n (Exponent): 1.000000

Correlation: 0.999984

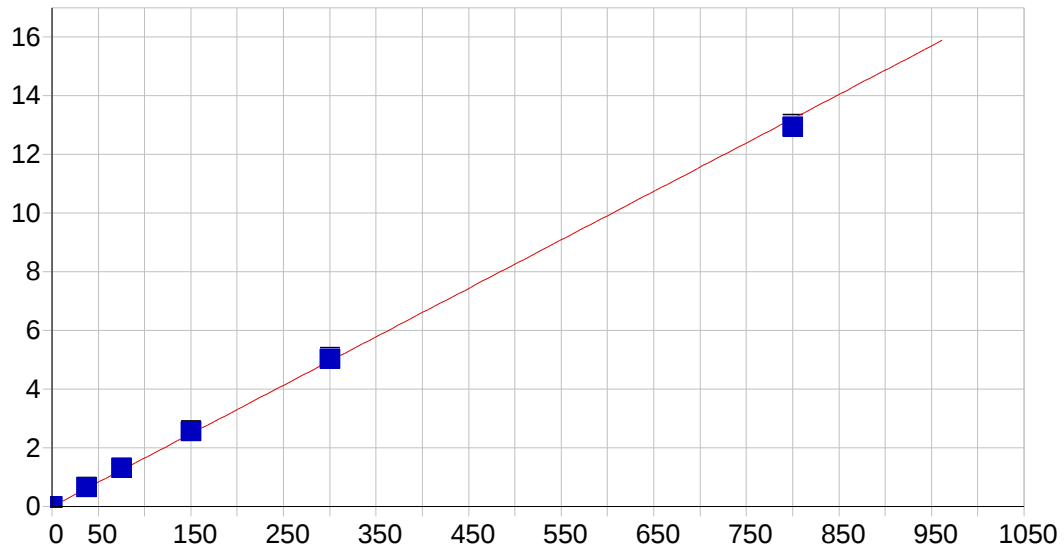
Status: OK.

Std Error of Est: 0.000042

Predicted MDL: 0.002135

Predicted MQL: 0.007118

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	.00101	.000	1
S1	.02500	.02562	.001	2.47	.00516	.000	1
S2	3.7500	3.7428	-.007	-.192	.60939	.002	1
S3	7.5000	7.4304	-.070	-.928	1.2088	.005	1
S4	15.000	14.927	-.073	-.486	2.4273	.011	1
S5	30.000	30.149	.149	.497	4.9017	.034	1



Fe 259.837 {130}

Date of Fit: 2/3/2017 22:33:24

Type of Fit: Linear

Weighting: 1/Conc

A0 (Offset): 0.000178

Re-Slope: 1.000000

A1 (Gain): 0.016525

Y-int: 0.000000

A2 (Curvature): 0.000000

n (Exponent): 1.000000

Correlation: 0.999654

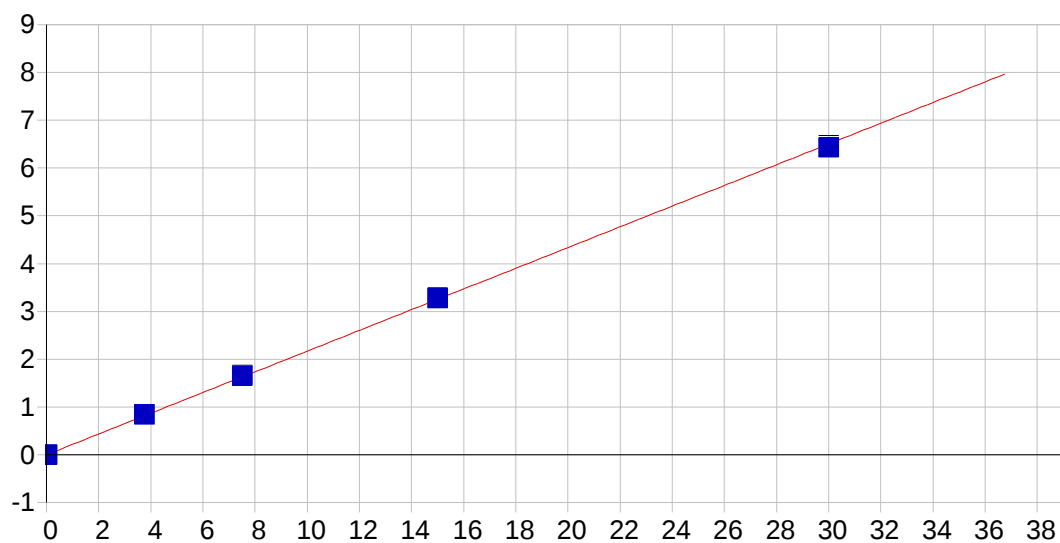
Status: OK.

Std Error of Est: 0.000190

Predicted MDL: 0.012384

Predicted MQL: 0.041280

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00003	.000	.000	.00018	.000	1
S1	.10000	.11996	.020	20.0	.00217	.000	1
S2	37.500	39.877	2.38	6.34	.65989	.003	1
S3	75.000	78.780	3.78	5.04	1.3035	.009	1
S4	150.00	155.28	5.28	3.52	2.5692	.006	1
S5	300.00	304.87	4.87	1.62	5.0441	.046	1
S6	800.00	783.66	-16.3	-2.04	12.957	.072	1



Mn 257.610 {131}

Date of Fit: 2/3/2017 22:33:24

Type of Fit: Linear

Weighting: 1/Conc

A0 (Offset): 0.000005

Re-Slope: 1.000000

A1 (Gain): 0.216786

Y-int: 0.000000

A2 (Curvature): 0.000000

n (Exponent): 1.000000

Correlation: 0.999907

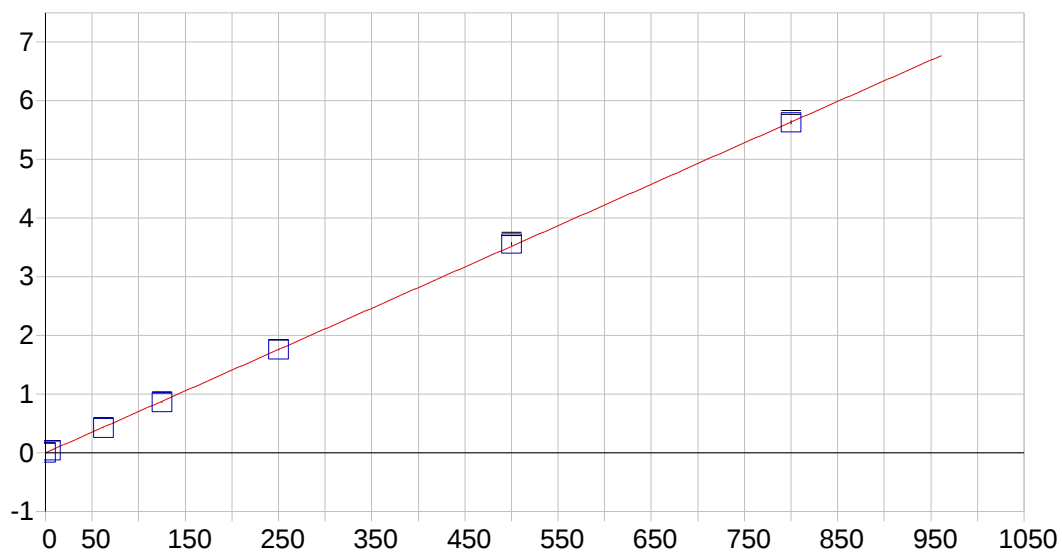
Status: OK.

Std Error of Est: 0.000105

Predicted MDL: 0.000824

Predicted MQL: 0.002748

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	.00000	.000	1
S1	.01500	.01683	.002	12.2	.00366	.000	1
S2	3.7500	3.8710	.121	3.23	.83936	.002	1
S3	7.5000	7.6289	.129	1.72	1.6542	.012	1
S4	15.000	15.079	.079	.529	3.2697	.014	1
S5	30.000	29.669	-.331	-1.10	6.4332	.046	1



Mg 279.079 {121}

Date of Fit: 2/3/2017 22:33:24

Type of Fit: Linear

Weighting: 1/Conc

A0 (Offset): -0.000111

Re-Slope: 1.000000

A1 (Gain): 0.007045

Y-int: 0.000000

A2 (Curvature): 0.000000

n (Exponent): 1.000000

Correlation: 0.999942

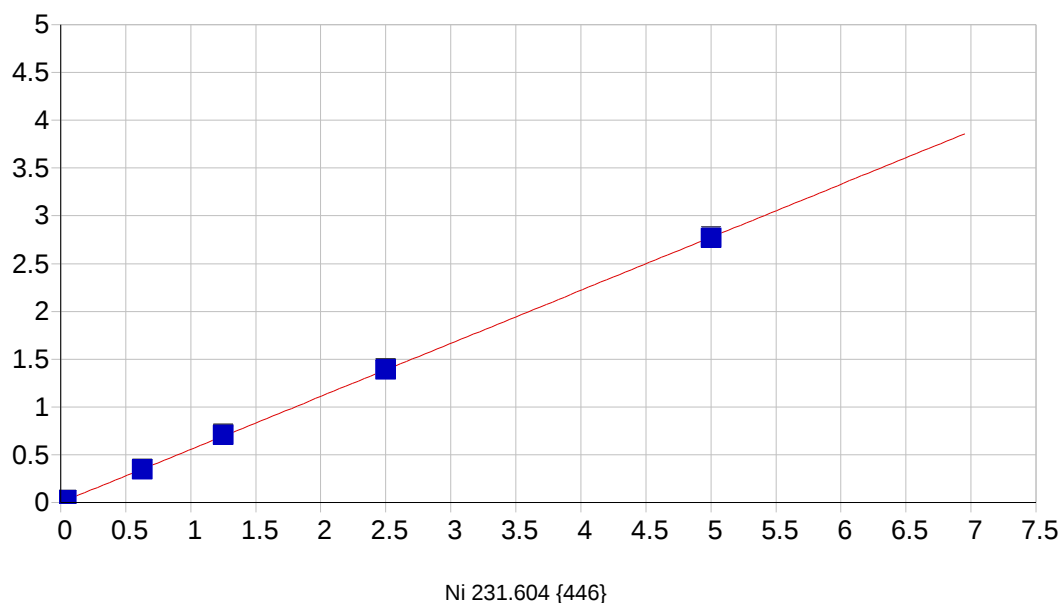
Status: OK.

Std Error of Est: 0.000265

Predicted MDL: 0.033724

Predicted MQL: 0.112412

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00034	.000	.000	-.00011	.000	1
S1	5.0000	4.8955	-.104	-2.09	.03438	.000	1
S2	62.500	60.351	-2.15	-3.44	.42506	.001	1
S3	125.00	122.28	-2.72	-2.18	.86134	.006	1
S4	250.00	249.67	-.325	-.130	1.7588	.004	1
S5	500.00	505.73	5.73	1.15	3.5627	.031	1
S6	800.00	799.57	-.432	-.054	5.6328	.035	1



Date of Fit: 2/3/2017 22:33:24

Type of Fit: Linear

Weighting: 1/Conc

A0 (Offset): 0.000253

Re-Slope: 1.000000

A1 (Gain): 0.554941

Y-int: 0.000000

A2 (Curvature): 0.000000

n (Exponent): 1.000000

Correlation: 0.999981

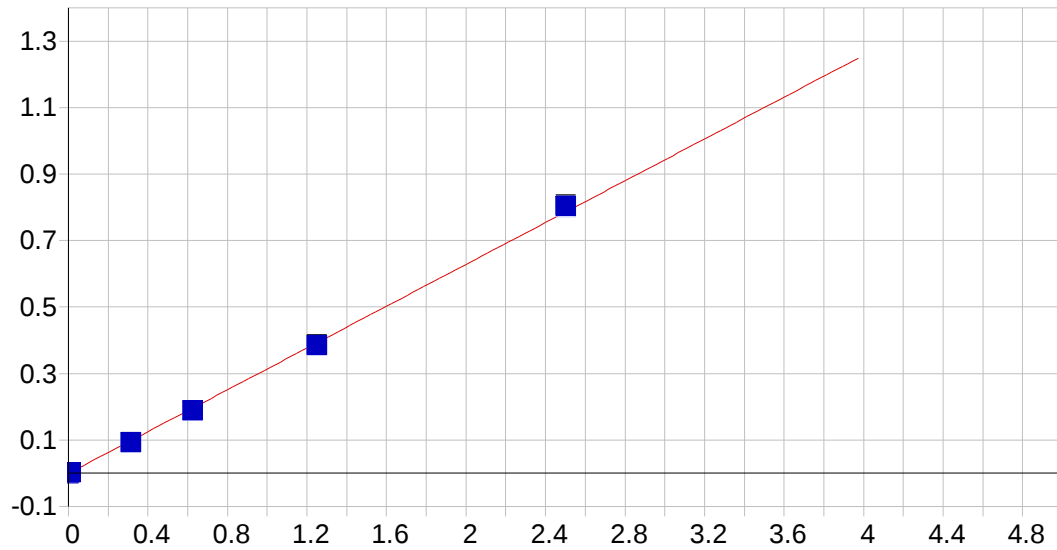
Status: OK.

Std Error of Est: 0.000082

Predicted MDL: 0.000600

Predicted MQL: 0.002001

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	.00025	.000	1
S1	.04000	.04001	.000	.034	.02249	.000	1
S2	.62500	.62083	-.004	-.667	.34660	.001	1
S3	1.2500	1.2684	.018	1.47	.70778	.010	1
S4	2.5000	2.5037	.004	.149	1.3970	.004	1
S5	5.0000	4.9820	-.018	-.359	2.7796	.005	1



Ag 328.068 {103}

Date of Fit: 2/3/2017 22:33:24

Type of Fit: Linear

Weighting: 1/Conc

A0 (Offset): -0.000601

Re-Slope: 1.000000

A1 (Gain): 0.314430

Y-int: 0.000000

A2 (Curvature): 0.000000

n (Exponent): 1.000000

Correlation: 0.999596

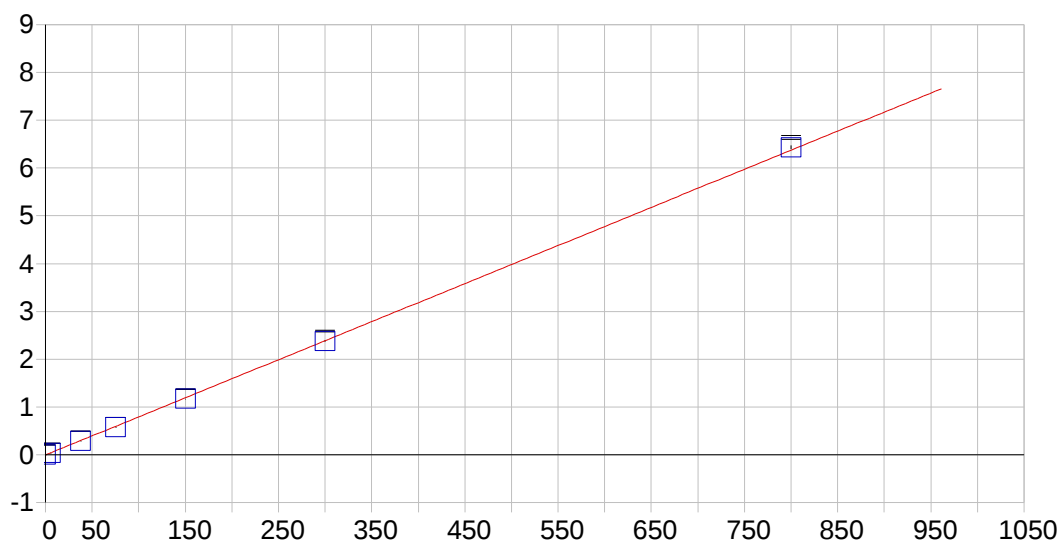
Status: OK.

Std Error of Est: 0.000074

Predicted MDL: 0.000401

Predicted MQL: 0.001338

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	-.00060	.000	1
S1	.01000	.01010	.000	.988	.00257	.000	1
S2	.31250	.29583	-.017	-5.33	.09175	.000	1
S3	.62500	.60088	-.024	-3.86	.18699	.001	1
S4	1.2500	1.2284	-.022	-1.73	.38297	.001	1
S5	2.5000	2.5623	.062	2.49	.79969	.003	1



Na 818.326 { 41}

Date of Fit: 2/3/2017 22:33:24

Type of Fit: Linear

Weighting: 1/Conc

A0 (Offset): -0.004621

Re-Slope: 1.000000

A1 (Gain): 0.007971

Y-int: 0.000000

A2 (Curvature): 0.000000

n (Exponent): 1.000000

Correlation: 0.999914

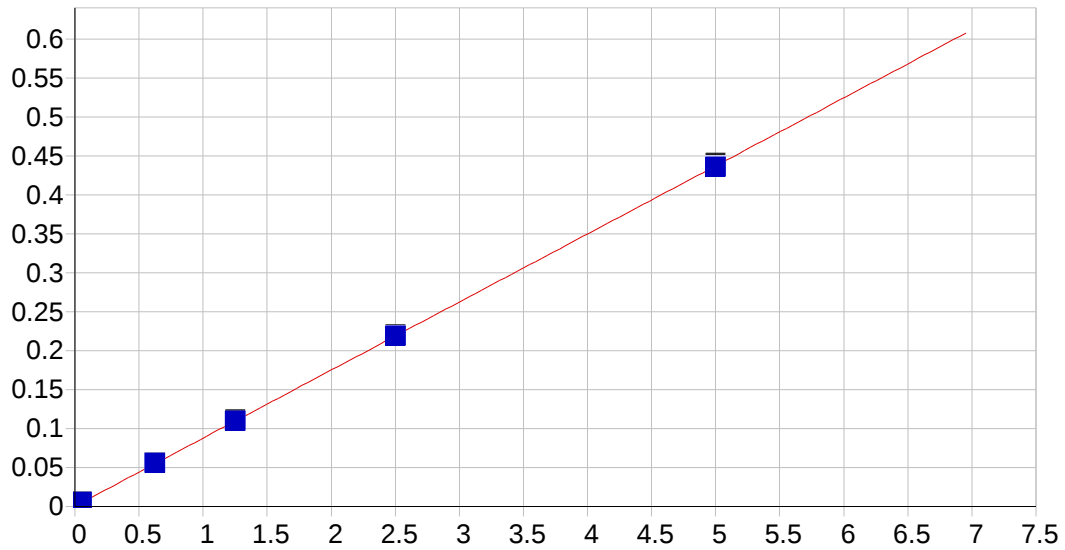
Status: OK.

Std Error of Est: 0.000324

Predicted MDL: 0.153725

Predicted MQL: 0.512418

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00038	.000	.000	-.00462	.001	1
S1	5.0000	4.9927	-.007	-.146	.03517	.001	1
S2	37.500	36.373	-1.13	-3.01	.28530	.000	1
S3	75.000	72.742	-2.26	-3.01	.57519	.002	1
S4	150.00	147.08	-2.92	-1.94	1.1677	.005	1
S5	300.00	298.74	-1.26	-.421	2.3765	.018	1
S6	800.00	807.57	7.57	.947	6.4323	.043	1

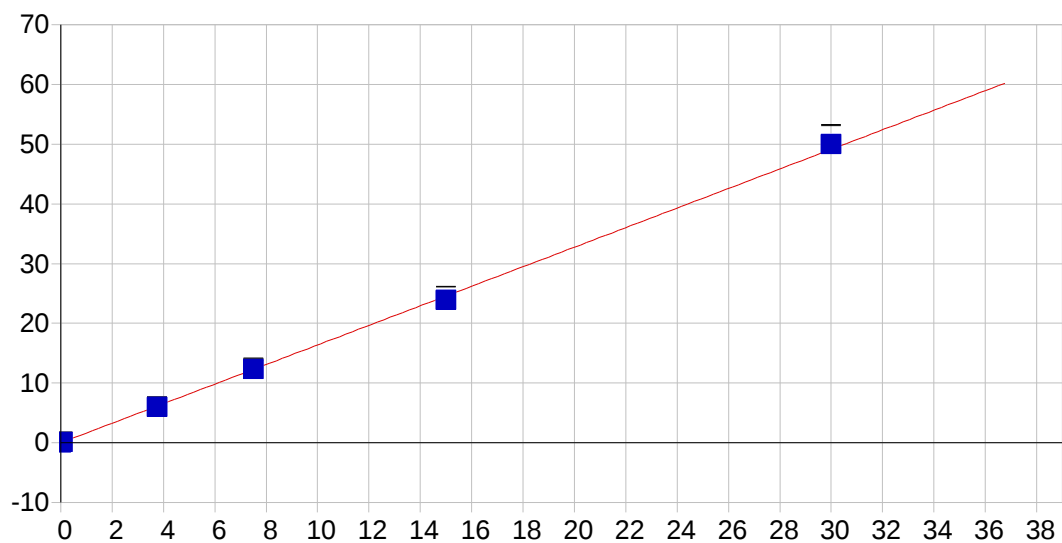


V 292.402 {115}

Date of Fit: 2/3/2017 22:33:24 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.000419 Re-Slope: 1.000000
 A1 (Gain): 0.087338 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999949 Status: OK.
 Std Error of Est: 0.000024
 Predicted MDL: 0.003536
 Predicted MQL: 0.011787

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00001	.000	.000	.00042	.000	1
S1	.05000	.05617	.006	12.3	.00534	.000	1
S2	.62500	.63476	.010	1.56	.05608	.000	1
S3	1.2500	1.2490	-.001	-.083	.10995	.001	1
S4	2.5000	2.5024	.002	.097	.21988	.001	1
S5	5.0000	4.9827	-.017	-.346	.43740	.003	1



Zn 213.856 {158}

Date of Fit: 2/3/2017 22:33:24

Type of Fit: Linear

Weighting: 1/Conc

A0 (Offset): -0.001908

Re-Slope: 1.000000

A1 (Gain): 1.637627

Y-int: 0.000000

A2 (Curvature): 0.000000

n (Exponent): 1.000000

Correlation: 0.999809

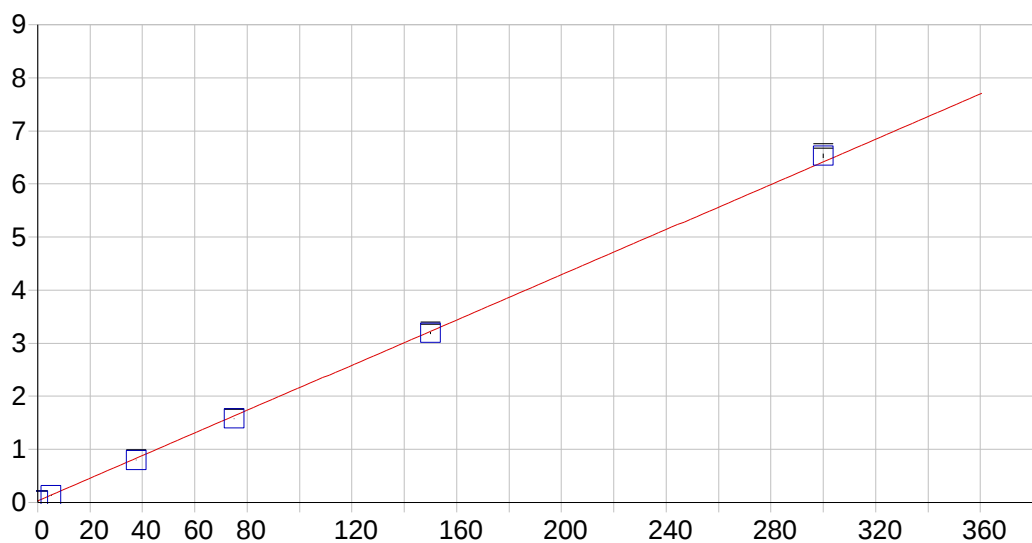
Status: OK.

Std Error of Est: 0.002286

Predicted MDL: 0.007743

Predicted MQL: 0.025811

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	-.00190	.009	1
S1	.06000	.05737	-.003	-4.39	.09241	.015	1
S2	3.7500	3.6340	-.116	-3.09	5.9639	.120	1
S3	7.5000	7.5101	.010	.135	12.326	.192	1
S4	15.000	14.616	-.384	-2.56	23.992	.500	1
S5	30.000	30.493	.493	1.64	50.052	1.54	1



K 769.896 { 44}

Date of Fit: 2/3/2017 22:33:24

Type of Fit: Linear

Weighting: 1/Conc

A0 (Offset): 0.034128

Re-Slope: 1.000000

A1 (Gain): 0.021273

Y-int: 0.000000

A2 (Curvature): 0.000000

n (Exponent): 1.000000

Correlation: 0.999771

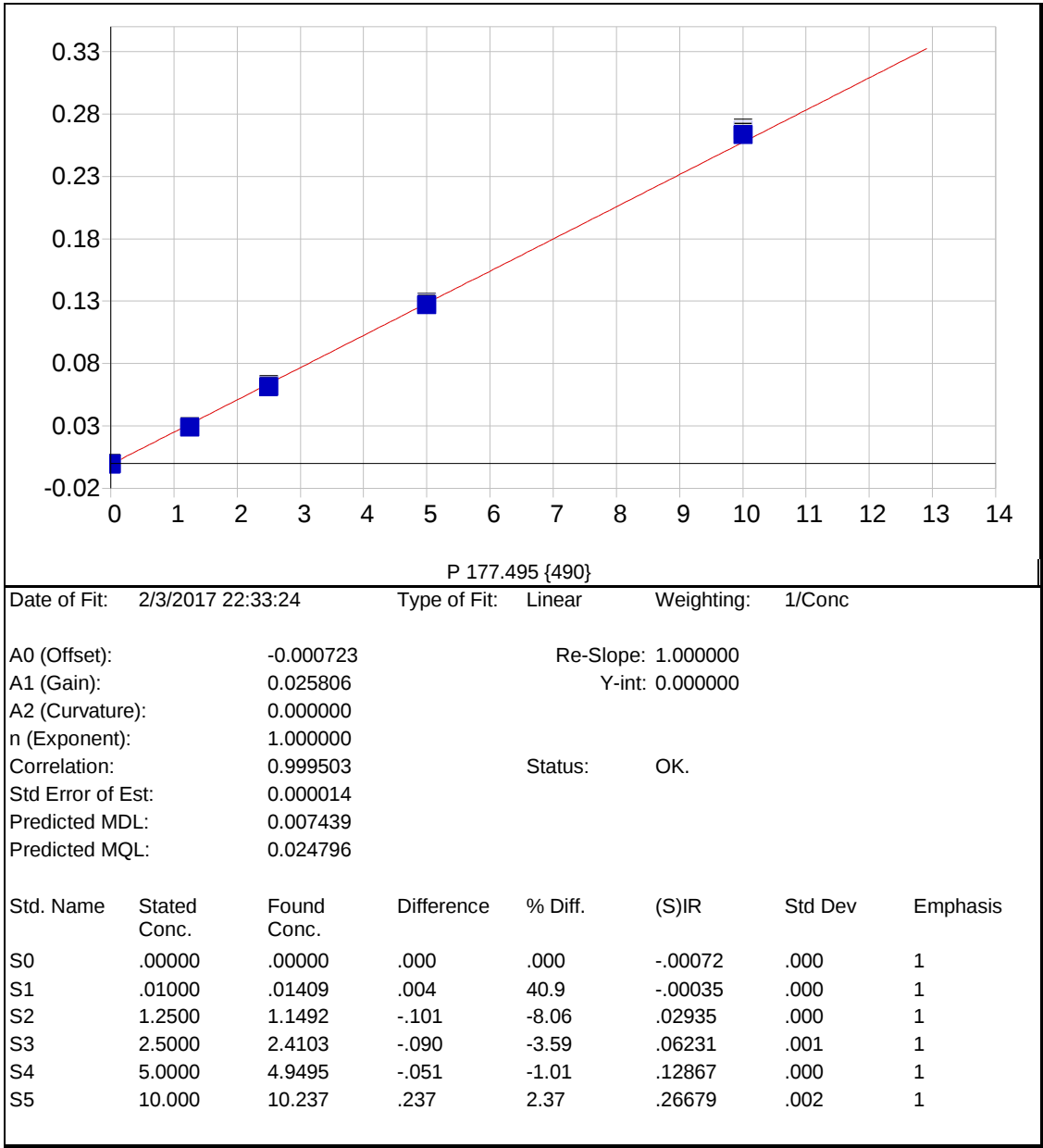
Status: OK.

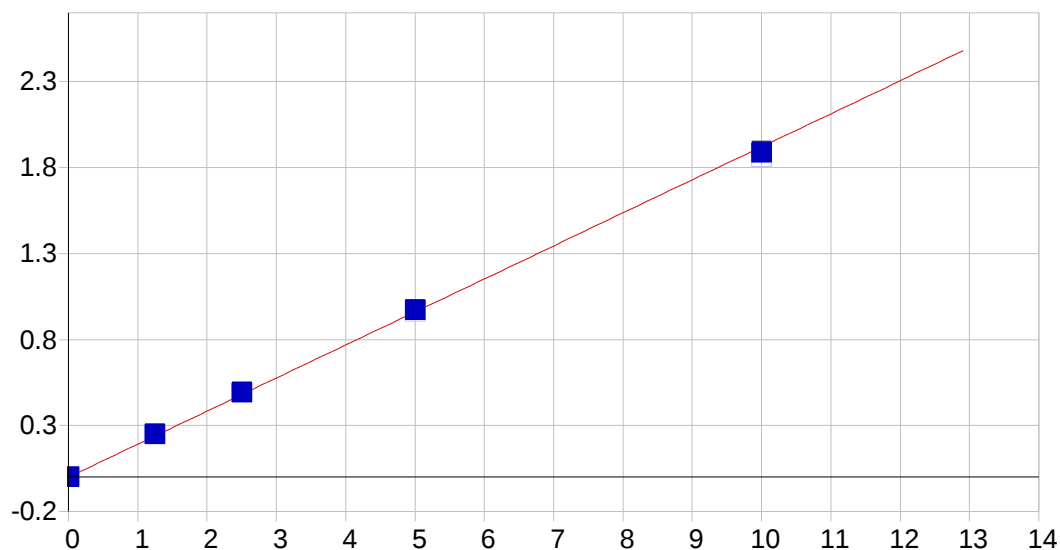
Std Error of Est: 0.000939

Predicted MDL: 0.045111

Predicted MQL: 0.150369

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00040	.000	.000	.03414	.000	1
S1	5.0000	4.9213	-.079	-1.57	.13882	.000	1
S2	37.500	35.960	-1.54	-4.11	.79911	.002	1
S3	75.000	72.547	-2.45	-3.27	1.5774	.007	1
S4	150.00	148.55	-1.45	-.964	3.1943	.017	1
S5	300.00	305.52	5.52	1.84	6.5334	.042	1



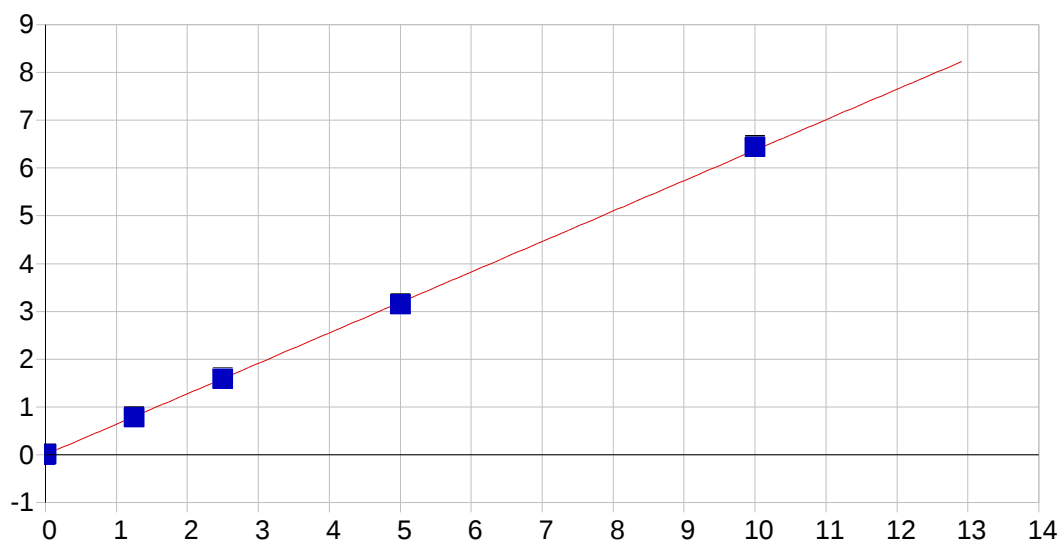


B 249.678 {135}

Date of Fit: 2/3/2017 22:33:24 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.000334 Re-Slope: 1.000000
 A1 (Gain): 0.192142 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999773 Status: OK.
 Std Error of Est: 0.000068
 Predicted MDL: 0.002120
 Predicted MQL: 0.007066

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	-.00033	.000	1
S1	.01000	.01034	.000	3.41	.00166	.001	1
S2	1.2500	1.3029	.053	4.23	.24699	.001	1
S3	2.5000	2.5707	.071	2.83	.48759	.002	1
S4	5.0000	5.0593	.059	1.19	.95973	.003	1
S5	10.000	9.8168	-.183	-1.83	1.8618	.010	1



Mo 202.030 {467}

Date of Fit: 2/3/2017 22:33:24

Type of Fit: Linear

Weighting: 1/Conc

A0 (Offset): 0.000050

Re-Slope: 1.000000

A1 (Gain): 0.637318

Y-int: 0.000000

A2 (Curvature): 0.000000

n (Exponent): 1.000000

Correlation: 0.999938

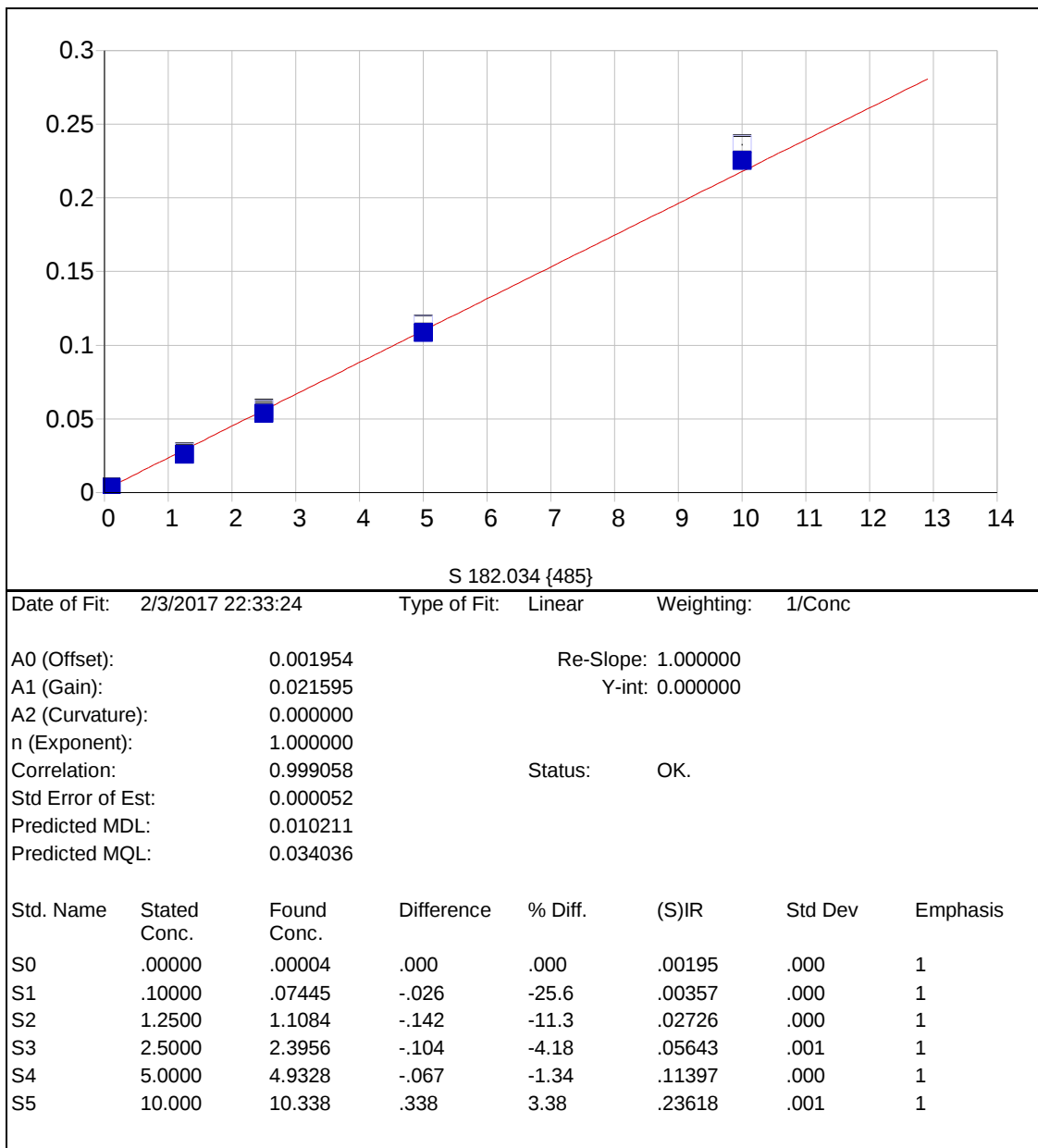
Status: OK.

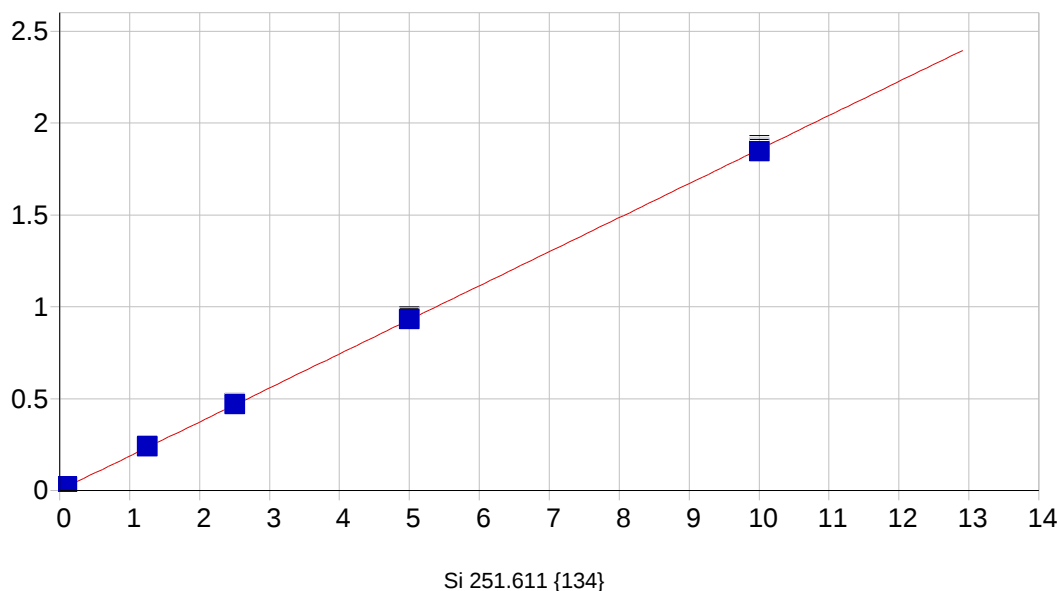
Std Error of Est: 0.000119

Predicted MDL: 0.000670

Predicted MQL: 0.002232

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	.00005	.000	1
S1	.01000	.01015	.000	1.54	.00654	.000	1
S2	1.2500	1.2253	-.025	-1.97	.78171	.005	1
S3	2.5000	2.4931	-.007	-.276	1.5904	.020	1
S4	5.0000	4.9337	-.066	-1.33	3.1473	.009	1
S5	10.000	10.098	.098	.977	6.4412	.030	1





Date of Fit: 2/3/2017 22:33:24

Type of Fit: Linear

Weighting: 1/Conc

A0 (Offset): 0.001923

Re-Slope: 1.000000

A1 (Gain): 0.185349

Y-int: 0.000000

A2 (Curvature): 0.000000

n (Exponent): 1.000000

Correlation: 0.999976

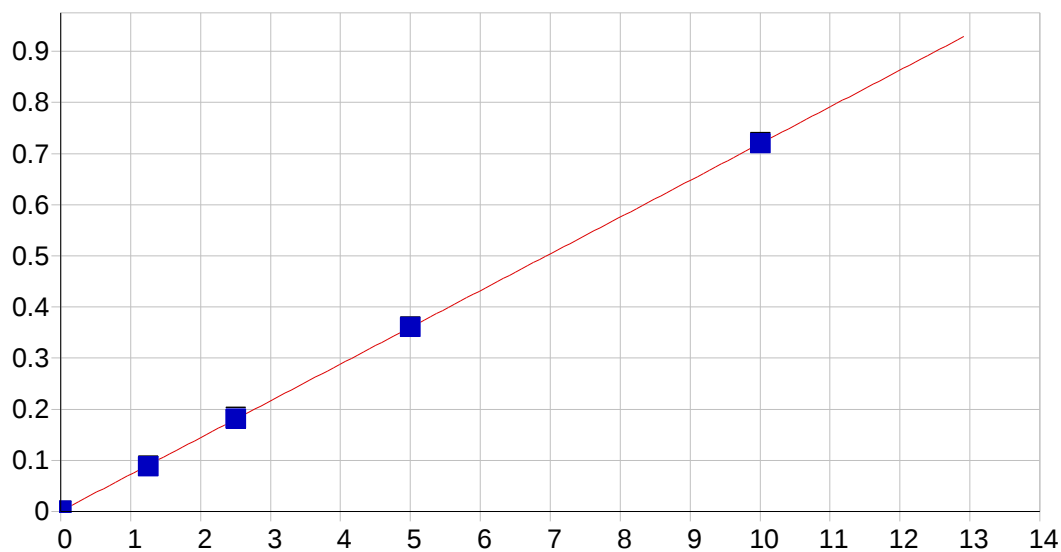
Status: OK.

Std Error of Est: 0.000069

Predicted MDL: 0.001487

Predicted MQL: 0.004956

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	.00192	.000	1
S1	.10000	.09965	.000	-.350	.02046	.000	1
S2	1.2500	1.2723	.022	1.79	.24048	.001	1
S3	2.5000	2.5181	.018	.725	.47411	.002	1
S4	5.0000	5.0175	.018	.351	.94283	.003	1
S5	10.000	9.9423	-.058	-.577	1.8665	.011	1



Sn 189.989 {478}

Date of Fit: 2/3/2017 22:33:24

Type of Fit: Linear

Weighting: 1/Conc

A0 (Offset): 0.000803

Re-Slope: 1.000000

A1 (Gain): 0.071869

Y-int: 0.000000

A2 (Curvature): 0.000000

n (Exponent): 1.000000

Correlation: 0.999973

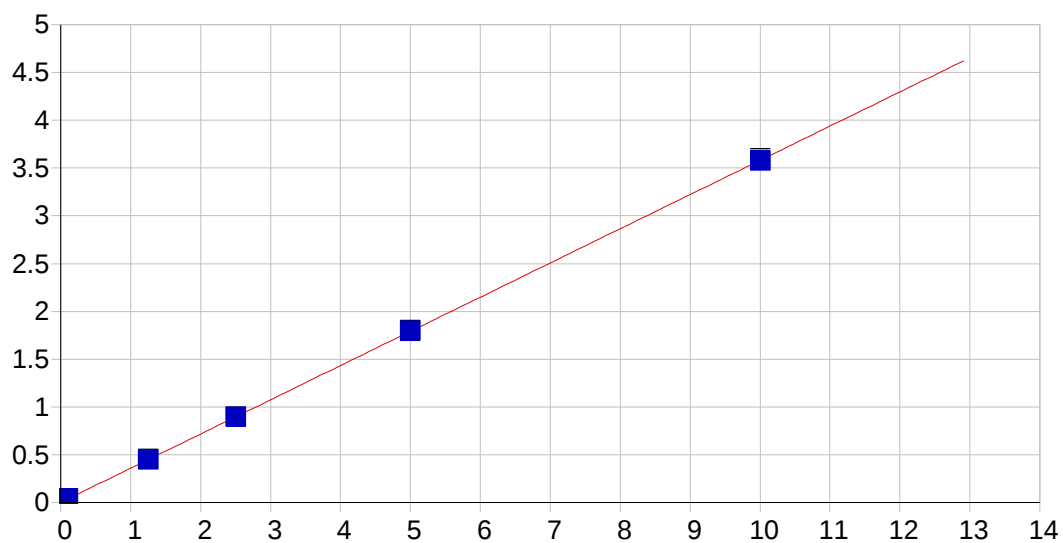
Status: OK.

Std Error of Est: 0.000007

Predicted MDL: 0.003061

Predicted MQL: 0.010203

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	.00080	.000	1
S1	.00700	.00597	-.001	-14.8	.00122	.000	1
S2	1.2500	1.2196	-.030	-2.43	.08839	.001	1
S3	2.5000	2.5169	.017	.677	.18155	.003	1
S4	5.0000	5.0019	.002	.039	.36000	.001	1
S5	10.000	10.013	.013	.125	.71983	.002	1



Ti 336.121 {100}

Date of Fit: 2/3/2017 22:33:24

Type of Fit: Linear

Weighting: 1/Conc

A0 (Offset): 0.000395

Re-Slope: 1.000000

A1 (Gain): 0.358036

Y-int: 0.000000

A2 (Curvature): 0.000000

n (Exponent): 1.000000

Correlation: 0.999991

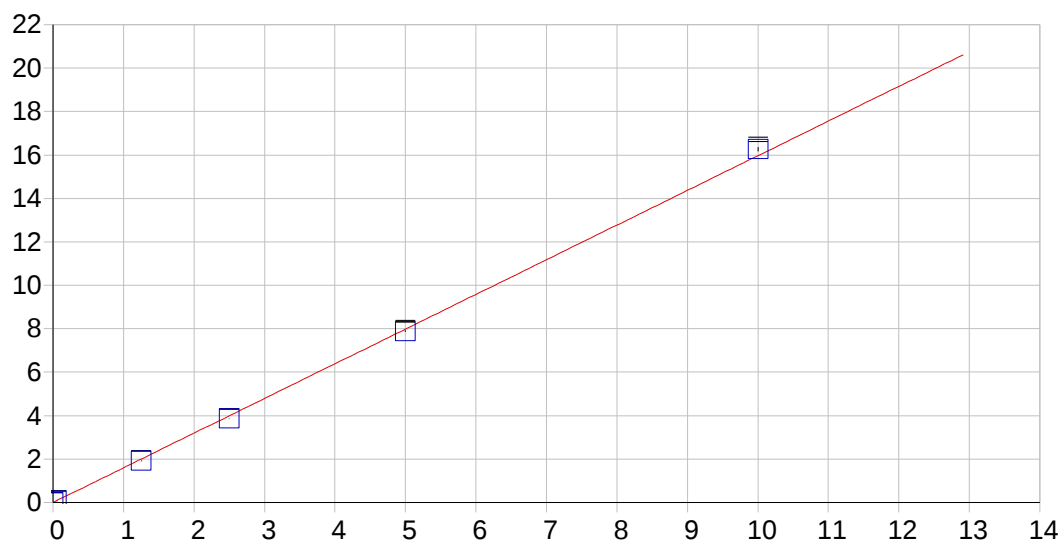
Status: OK.

Std Error of Est: 0.000082

Predicted MDL: 0.001076

Predicted MQL: 0.003588

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00001	.000	.000	.00039	.000	1
S1	.10000	.10503	.005	5.03	.03799	.000	1
S2	1.2500	1.2571	.007	.564	.45031	.001	1
S3	2.5000	2.4969	-.003	-.126	.89405	.006	1
S4	5.0000	5.0099	.010	.198	1.7935	.009	1
S5	10.000	9.9812	-.019	-.188	3.5728	.028	1



Li 670.784 { 50}

Date of Fit: 2/3/2017 22:33:24

Type of Fit: Linear

Weighting: 1/Conc

A0 (Offset): 0.001725

Re-Slope: 1.000000

A1 (Gain): 1.596441

Y-int: 0.000000

A2 (Curvature): 0.000000

n (Exponent): 1.000000

Correlation: 0.999760

Status: OK.

Std Error of Est: 0.001314

Predicted MDL: 0.000795

Predicted MQL: 0.002651

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	.00173	.000	1
S5	10.000	10.190	.190	1.90	16.269	.093	1
S4	5.0000	4.9411	-.059	-1.18	7.8899	.036	1
S3	2.5000	2.4138	-.086	-3.45	3.8552	.021	1
S2	1.2500	1.2038	-.046	-3.70	1.9235	.008	1
S1	.05000	.05184	.002	3.68	.08449	.002	1



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

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

Status: Warning Zero Gain

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

Date of Fit:	<not fit>	Type of Fit:	Linear	Weighting:	1/Conc
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Re-Slope: 1.000000
Y-int: 0.000000

Status: Warning Zero Gain

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

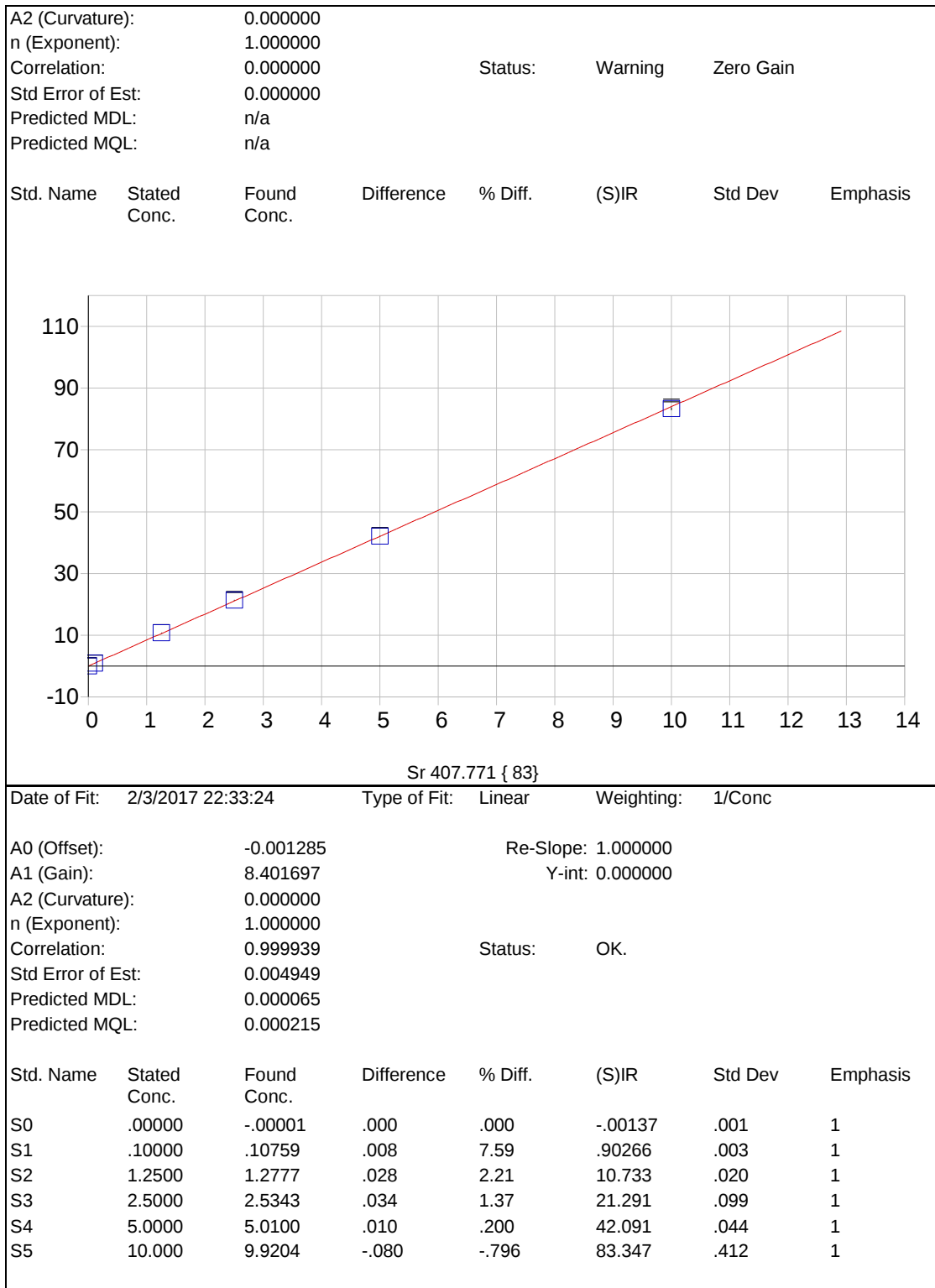
A0 (Offset): 0.000000 Re-Slope: 1.000000
A1 (Gain): 0.000000 Y-int: 0.000000
A2 (Curvature): 0.000000
n (Exponent): 1.000000
Correlation: 0.000000 Status: Warning Zero Gain
Std Error of Est: 0.000000
Predicted MDL: n/a
Predicted MQL: n/a

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

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



Sample Name: S0 Acquired: 2/3/2017 13:37:07 Type: Cal
 Method: ISM02.2 INSTRUMENT P5 WITH 6 POINT ICAL(v755) Mode: IR Corr. Factor: 1.000000
 User: JASWAL Custom ID1: S00 Custom ID2: Custom ID3:
 Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	-.00103	-.00029	-.00006	.00061	.00098	-.00011	-.03283	-.00086
Stddev	.00011	.00012	.00010	.00013	.00039	.00011	.00129	.00031
%RSD	10.175	41.372	158.61	21.043	40.295	99.435	3.9168	36.316

#1	-.00112	-.00023	-.00005	.00047	.00061	-.00008	-.03327	-.00099
#2	-.00092	-.00021	.00003	.00072	.00094	-.00022	-.03138	-.00050
#3	-.00107	-.00043	-.00016	.00065	.00139	-.00002	-.03384	-.00109

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	.00059	.00135	.00000	-.00064	.00101	.00018	.00000	-.00011
Stddev	.00025	.00064	.00003	.00021	.00017	.00016	.00003	.00019
%RSD	42.567	47.477	1452.6	33.306	16.967	88.900	660.40	171.83

#1	.00055	.00208	-.00003	-.00068	.00098	.00000	-.00002	.00006
#2	.00087	.00109	.00002	-.00041	.00120	.00024	.00003	-.00007
#3	.00037	.00087	.00001	-.00083	.00086	.00029	.00000	-.00031

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	.00025	-.00060	-.00462	.00042	-.00190	.03414	-.00072	-.00033
Stddev	.00016	.00007	.00083	.00019	.00920	.00043	.00008	.00020
%RSD	64.247	11.556	17.917	45.347	484.11	1.2595	11.372	60.642

#1	.00017	-.00052	-.00371	.00021	-.00990	.03440	-.00082	-.00019
#2	.00015	-.00063	-.00482	.00046	-.00395	.03437	-.00067	-.00025
#3	.00044	-.00065	-.00533	.00059	.00815	.03364	-.00068	-.00057

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	.00005	.00195	.00192	.00080	.00039	.00173	-.00137	
Stddev	.00018	.00010	.00021	.00030	.00007	.00040	.00068	
%RSD	357.54	5.0753	11.144	37.385	17.825	23.193	49.576	

#1	.00022	.00207	.00200	.00112	.00031	.00219	-.00175	
#2	-.00014	.00189	.00209	.00076	.00042	.00145	-.00059	
#3	.00007	.00190	.00168	.00053	.00045	.00154	-.00179	

Sample Name: S0 Acquired: 2/3/2017 13:37:07 Type: Cal
Method: ISM02.2 INSTRUMENT P5 WITH 6 POINT ICAL(v755) Mode: IR Corr. Factor: 1.000000
User: JASWAL Custom ID1: S00 Custom ID2: Custom ID3:
Comment:

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	68.700	1351.2	43265.	8900.5	2369.0
Stddev	1.083	2.1	36.	35.0	1.8
%RSD	1.5762	.15797	.08375	.39315	.07448
#1	68.550	1353.6	43272.	8939.7	2370.3
#2	67.700	1349.8	43226.	8889.4	2369.7
#3	69.850	1350.1	43297.	8872.4	2367.0

Sample Name: S1 Acquired: 2/3/2017 13:41:13 Type: Cal
Method: ISM02.2 INSTRUMENT P5 WITH 6 POINT ICAL(v755) Mode: IR Corr. Factor: 1.000000
User: JASWAL Custom ID1: S01 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	-.00077	.00106	.00125	.00237	.00963	.01552	.73006	.01000
Stddev	.00007	.00026	.00009	.00017	.00010	.00028	.00363	.00021
%RSD	9.4005	24.793	7.2572	7.2098	.98912	1.8287	.49788	2.0613
#1	-.00071	.00111	.00134	.00254	.00954	.01555	.73426	.01001
#2	-.00074	.00077	.00127	.00220	.00973	.01523	.72811	.01020
#3	-.00085	.00129	.00116	.00238	.00964	.01580	.72782	.00979
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	.01054	.18301	.00187	.03565	.00516	.00217	.00366	.03438
Stddev	.00032	.00102	.00007	.00023	.00008	.00027	.00023	.00036
%RSD	3.0101	.55488	3.4841	.63345	1.6140	12.242	6.2555	1.0370
#1	.01049	.18349	.00193	.03543	.00512	.00223	.00352	.03442
#2	.01025	.18184	.00188	.03565	.00511	.00240	.00392	.03400
#3	.01088	.18370	.00180	.03588	.00526	.00188	.00353	.03471
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	.02249	.00257	.03517	.00534	.09241	.13882	-.00035	.00166
Stddev	.00037	.00004	.00093	.00015	.01498	.00019	.00008	.00062
%RSD	1.6417	1.4981	2.6393	2.8270	16.206	.13933	22.016	37.398
#1	.02219	.00258	.03428	.00522	.09714	.13879	-.00039	.00187
#2	.02237	.00259	.03614	.00528	.07564	.13864	-.00041	.00215
#3	.02290	.00252	.03510	.00551	.10445	.13903	-.00026	.00096
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	.00654	.00357	.02046	.00122	.03799	.08449	.90266	
Stddev	.00030	.00018	.00026	.00004	.00013	.00178	.00254	
%RSD	4.6546	5.0389	1.2519	2.9838	.34130	2.1012	.28180	
#1	.00683	.00375	.02046	.00123	.03785	.08473	.90515	
#2	.00655	.00339	.02072	.00119	.03801	.08260	.90277	
#3	.00622	.00356	.02020	.00126	.03811	.08613	.90006	

Sample Name: S1 Acquired: 2/3/2017 13:41:13 Type: Cal
Method: ISM02.2 INSTRUMENT P5 WITH 6 POINT ICAL(v755) Mode: IR Corr. Factor: 1.000000
User: JASWAL Custom ID1: S01 Custom ID2: Custom ID3:
Comment:

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	67.029	1341.0	42646.	8850.3	2311.2
Stddev	.550	3.0	117.	28.2	5.0
%RSD	.82025	.22594	.27486	.31826	.21549
#1	66.462	1338.1	42521.	8861.8	2310.6
#2	67.559	1344.2	42753.	8818.2	2316.5
#3	67.066	1340.7	42665.	8871.0	2306.6

Sample Name: S2 Acquired: 2/3/2017 13:45:54 Type: Cal
Method: ISM02.2 INSTRUMENT P5 WITH 6 POINT ICAL(v755) Mode: IR Corr. Factor: 1.000000
User: JASWAL Custom ID1: S02 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	.04449	.06247	.85213	.06319	.18027	2.8553	9.1714	.26092
Stddev	.00013	.00020	.00285	.00029	.00055	.0107	.0264	.00082
%RSD	.28935	.32532	.33453	.46004	.30277	.37385	.28826	.31436

#1	.04456	.06266	.85327	.06291	.18017	2.8629	9.1966	.26089
#2	.04456	.06226	.84888	.06317	.17979	2.8431	9.1439	.26011
#3	.04434	.06251	.85423	.06349	.18086	2.8598	9.1736	.26175

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	1.2741	2.1537	.63427	.46240	.60939	.65989	.83936	.42506
Stddev	.0050	.0060	.00091	.00194	.00221	.00260	.00187	.00109
%RSD	.39316	.27869	.14333	.42021	.36294	.39336	.22247	.25749

#1	1.2740	2.1563	.63323	.46273	.61118	.65809	.84083	.42584
#2	1.2691	2.1468	.63465	.46031	.60692	.65870	.83726	.42381
#3	1.2791	2.1579	.63492	.46415	.61007	.66286	.83999	.42552

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	.34660	.09175	.28530	.05608	5.9639	.79911	.02935	.24699
Stddev	.00127	.00026	.00034	.00039	.1204	.00171	.00004	.00125
%RSD	.36633	.28150	.11990	.69096	2.0184	.21343	.14938	.50647

#1	.34729	.09145	.28539	.05566	5.8726	.80076	.02931	.24556
#2	.34514	.09194	.28559	.05642	6.1003	.79735	.02939	.24756
#3	.34738	.09185	.28492	.05617	5.9189	.79922	.02936	.24786

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	.78171	.02726	.24048	.08839	.45031	1.9235	10.733	
Stddev	.00450	.00034	.00082	.00066	.00101	.0079	.020	
%RSD	.57586	1.2500	.34000	.74413	.22494	.41208	.19088	

#1	.78181	.02707	.23957	.08884	.45087	1.9286	10.747	
#2	.77716	.02705	.24071	.08763	.44914	1.9143	10.710	
#3	.78616	.02765	.24116	.08869	.45092	1.9275	10.744	

Sample Name: S2 Acquired: 2/3/2017 13:45:54 Type: Cal
Method: ISM02.2 INSTRUMENT P5 WITH 6 POINT ICAL(v755) Mode: IR Corr. Factor: 1.000000
User: JASWAL Custom ID1: S02 Custom ID2: Custom ID3:
Comment:

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	66.829	1277.6	41335.	8858.2	2036.2
Stddev	1.302	5.1	76.	5.3	8.0
%RSD	1.9478	.40251	.18286	.05985	.39151
#1	67.611	1277.3	41270.	8861.7	2031.9
#2	65.327	1282.9	41317.	8860.9	2045.4
#3	67.550	1272.7	41418.	8852.1	2031.2

Sample Name: S3 Acquired: 2/3/2017 13:49:47 Type: Cal
 Method: ISM02.2 INSTRUMENT P5 WITH 6 POINT ICAL(v755) Mode: IR Corr. Factor: 1.000000
 User: JASWAL Custom ID1: S03 Custom ID2: Custom ID3:
 Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	.09224	.12488	1.7393	.12912	.36938	5.7512	18.366	.52060
Stddev	.00041	.00127	.0234	.00196	.00507	.0311	.076	.00172
%RSD	.43969	1.0193	1.3429	1.5165	1.3739	.54016	.41551	.33029

#1	.09179	.12358	1.7208	.12721	.36569	5.7283	18.299	.52122
#2	.09237	.12493	1.7316	.12902	.36728	5.7388	18.351	.51866
#3	.09256	.12612	1.7656	.13112	.37517	5.7865	18.449	.52193

Elem	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598	Mn2576	Mg2790
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2.6116	4.2776	1.2534	.95063	1.2088	1.3035	1.6542	.86134
Stddev	.0342	.0270	.0022	.01157	.0054	.0089	.0117	.00595
%RSD	1.3111	.63084	.17709	1.2169	.44876	.68625	.70437	.69098

#1	2.5864	4.2651	1.2538	.94294	1.2069	1.2996	1.6472	.85933
#2	2.5978	4.2592	1.2510	.94501	1.2045	1.2971	1.6478	.85664
#3	2.6506	4.3086	1.2554	.96393	1.2149	1.3137	1.6676	.86803

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	.70778	.18699	.57519	.10995	12.326	1.5774	.06231	.48759
Stddev	.00957	.00069	.00219	.00108	.192	.0073	.00068	.00235
%RSD	1.3515	.36766	.38089	.98441	1.5538	.46217	1.0883	.48161

#1	.70090	.18769	.57361	.10870	12.117	1.5751	.06181	.48694
#2	.70374	.18632	.57426	.11053	12.369	1.5716	.06204	.48563
#3	.71871	.18698	.57769	.11062	12.493	1.5856	.06308	.49019

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	1.5904	.05643	.47411	.18155	.89405	3.8552	21.291	
Stddev	.0202	.00067	.00187	.00283	.00628	.0207	.099	
%RSD	1.2674	1.1796	.39533	1.5577	.70189	.53704	.46682	

#1	1.5733	.05639	.47400	.17910	.88957	3.8383	21.259	
#2	1.5853	.05578	.47229	.18090	.89136	3.8489	21.212	
#3	1.6126	.05711	.47604	.18465	.90122	3.8783	21.403	

Sample Name: S3 Acquired: 2/3/2017 13:49:47 Type: Cal
Method: ISM02.2 INSTRUMENT P5 WITH 6 POINT ICAL(v755) Mode: IR Corr. Factor: 1.000000
User: JASWAL Custom ID1: S03 Custom ID2: Custom ID3:
Comment:

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	63.785	1219.4	40138.	8803.4	1898.5
Stddev	.735	14.4	43.	36.8	22.0
%RSD	1.1531	1.1813	.10749	.41758	1.1596
#1	64.633	1230.8	40100.	8800.9	1915.1
#2	63.399	1224.1	40185.	8841.3	1906.9
#3	63.322	1203.2	40130.	8767.9	1873.5

Sample Name: S4 Acquired: 2/3/2017 13:53:41 Type: Cal
Method: ISM02.2 INSTRUMENT P5 WITH 6 POINT ICAL(v755) Mode: IR Corr. Factor: 1.000000
User: JASWAL Custom ID1: S04 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	.18835	.24127	3.4139	.25926	.75214	11.709	36.198	1.0463
Stddev	.00103	.00026	.0121	.00168	.00169	.041	.098	.0022
%RSD	.54486	.10575	.35514	.64877	.22434	.34822	.27060	.21135

#1	.18755	.24138	3.4114	.25754	.75156	11.666	36.118	1.0439
#2	.18800	.24097	3.4033	.25933	.75082	11.717	36.168	1.0482
#3	.18951	.24145	3.4271	.26091	.75404	11.746	36.307	1.0468

Elem	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598	Mn2576	Mg2790
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	5.1333	8.5684	2.4457	1.8906	2.4273	2.5692	3.2697	1.7588
Stddev	.0212	.0379	.0020	.0062	.0111	.0059	.0138	.0038
%RSD	.41256	.44184	.08122	.32761	.45822	.22757	.42226	.21615

#1	5.1281	8.5289	2.4448	1.8871	2.4146	2.5624	3.2544	1.7547
#2	5.1152	8.5721	2.4479	1.8869	2.4321	2.5721	3.2736	1.7595
#3	5.1566	8.6043	2.4443	1.8977	2.4352	2.5730	3.2811	1.7622

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	1.3970	.38297	1.1677	.21988	23.992	3.1943	.12867	.95973
Stddev	.0041	.00054	.0046	.00066	.500	.0172	.00050	.00344
%RSD	.29312	.14011	.39178	.29846	2.0835	.53818	.38588	.35880

#1	1.3939	.38235	1.1628	.21915	23.699	3.1747	.12900	.95593
#2	1.3954	.38333	1.1685	.22008	23.707	3.2016	.12810	.96063
#3	1.4016	.38323	1.1719	.22041	24.569	3.2067	.12891	.96264

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	3.1473	.11397	.94283	.36000	1.7935	7.8899	42.091	
Stddev	.0086	.00035	.00311	.00085	.0085	.0355	.044	
%RSD	.27245	.30321	.33031	.23572	.47548	.45013	.10431	

#1	3.1397	.11429	.93926	.36042	1.7843	7.8493	42.142	
#2	3.1456	.11360	.94420	.35903	1.7951	7.9048	42.070	
#3	3.1566	.11401	.94502	.36057	1.8011	7.9155	42.062	

Sample Name: S4 Acquired: 2/3/2017 13:53:41 Type: Cal
Method: ISM02.2 INSTRUMENT P5 WITH 6 POINT ICAL(v755) Mode: IR Corr. Factor: 1.000000
User: JASWAL Custom ID1: S04 Custom ID2: Custom ID3:
Comment:

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	63.963	1164.4	38934.	8659.3	1786.2
Stddev	1.325	1.8	64.	27.5	2.9
%RSD	2.0720	.15387	.16405	.31754	.16166
#1	64.523	1166.3	38861.	8687.7	1788.8
#2	64.917	1164.0	38960.	8657.4	1786.5
#3	62.450	1162.8	38981.	8632.8	1783.1

Sample Name: S5 Acquired: 2/3/2017 13:57:49 Type: Cal
Method: ISM02.2 INSTRUMENT P5 WITH 6 POINT ICAL(v755) Mode: IR Corr. Factor: 1.000000
User: JASWAL Custom ID1: S05 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	.40172	.47046	6.8354	.54022	1.6069	24.015	72.718	2.1004
Stddev	.00302	.00181	.0110	.00184	.0083	.184	1.312	.0187
%RSD	.75259	.38396	.16079	.34126	.51907	.76501	1.8040	.89198

#1	.39861	.46952	6.8277	.53967	1.5986	23.894	71.746	2.0820
#2	.40191	.46932	6.8304	.53872	1.6068	24.226	74.210	2.1195
#3	.40465	.47254	6.8480	.54228	1.6153	23.925	72.196	2.0997

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	10.200	17.054	4.7312	3.7985	4.9017	5.0441	6.4332	3.5627
Stddev	.014	.115	.0071	.0063	.0344	.0461	.0465	.0308
%RSD	.14074	.67663	.14914	.16506	.70187	.91461	.72276	.86468

#1	10.202	16.963	4.7300	3.7934	4.8799	5.0146	6.3995	3.5412
#2	10.185	17.184	4.7388	3.7967	4.9413	5.0972	6.4863	3.5980
#3	10.213	17.014	4.7248	3.8055	4.8838	5.0203	6.4140	3.5489

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	2.7796	.79969	2.3765	.43740	50.052	6.5334	.26679	1.8618
Stddev	.0051	.00268	.0180	.00346	1.540	.0422	.00175	.0101
%RSD	.18502	.33541	.75885	.79166	3.0772	.64514	.65721	.54015

#1	2.7782	.80088	2.3629	.43430	49.513	6.5083	.26634	1.8530
#2	2.7753	.80157	2.3970	.44114	51.789	6.5820	.26530	1.8728
#3	2.7853	.79662	2.3698	.43678	48.854	6.5098	.26872	1.8597

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	6.4412	.23618	1.8665	.71983	3.5728	16.269	83.347	
Stddev	.0296	.00056	.0108	.00186	.0276	.093	.412	
%RSD	.45870	.23812	.58096	.25852	.77283	.57354	.49397	

#1	6.4228	.23570	1.8566	.71897	3.5579	16.231	83.471	
#2	6.4256	.23603	1.8781	.71855	3.6047	16.375	83.682	
#3	6.4753	.23680	1.8650	.72196	3.5559	16.201	82.887	

Sample Name: S5 Acquired: 2/3/2017 13:57:49 Type: Cal
Method: ISM02.2 INSTRUMENT P5 WITH 6 POINT ICAL(v755) Mode: IR Corr. Factor: 1.000000
User: JASWAL Custom ID1: S05 Custom ID2: Custom ID3:
Comment:

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	58.698	1049.0	37091.	8447.9	1613.5
Stddev	1.652	4.0	91.	57.7	3.0
%RSD	2.8146	.37967	.24426	.68285	.18477
#1	59.300	1052.8	37019.	8486.7	1616.8
#2	56.830	1049.2	37061.	8381.6	1612.7
#3	59.965	1044.9	37193.	8475.5	1611.1

Sample Name: S6 Acquired: 2/3/2017 14:01:56 Type: Cal
 Method: ISM02.2 INSTRUMENT P5 WITH 6 POINT ICAL(v755) Mode: IR Corr. Factor: 1.000000
 User: JASWAL Custom ID1: S06 Custom ID2: Custom ID3:
 Comment:

Elem	Al3961	Ca3736	Fe2598	Mg2790	Na8183
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	61.692	26.382	12.957	5.6328	6.4323
Stddev	.492	.292	.072	.0349	.0426
%RSD	.79762	1.1053	.55935	.61988	.66165

#1	61.149	26.090	12.876	5.5951	6.3843
#2	62.108	26.673	13.017	5.6640	6.4654
#3	61.818	26.384	12.977	5.6393	6.4473

Int. Std.	Y_3710
Units	Cts/S
Avg	8257.0
Stddev	54.1
%RSD	.65501

#1	8316.4
#2	8210.6
#3	8244.0

Sample Name: ICV Acquired: 2/3/2017 14:11:29 Type: Unk
Method: ISM02.2 INSTRUMENT P5 WITH 6 POINT ICAL(v755) 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	1.000239	1.106213	.9871359	.9640779	.9277534	2.434455
Stddev	.002563	.010496	.0046050	.0135720	.0063341	.022696
%RSD	.2562461	.9488012	.4664978	1.407770	.6827398	.9322931

#1	1.002618	1.102304	.9844201	.9489231	.9276721	2.408605
#2	.997525	1.098233	.9845348	.9751120	.9214603	2.443646
#3	1.000575	1.118102	.9924529	.9681984	.9341278	2.451114

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.5217297	.5040038	.4848759	10.66504	.5363168	.4860955
Stddev	.0047401	.0036489	.0019400	.13019	.0027573	.0009394
%RSD	.9085409	.7239788	.4000933	1.220702	.5141165	.1932576

#1	.5167986	.4999944	.4841533	10.51505	.5394692	.4856929
#2	.5221382	.5048871	.4834009	10.73140	.5351272	.4854245
#3	.5262524	.5071300	.4870734	10.74868	.5343540	.4871691

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.5162837	5.523055	.5446669	5.792781	.4982079	.4926063
Stddev	.0081457	.022181	.0047763	.067580	.0027303	.0019098
%RSD	1.577747	.4016120	.8769269	1.166620	.5480313	.3876854

#1	.5069639	5.511595	.5399955	5.714898	.4960840	.4946577
#2	.5198445	5.508949	.5444636	5.835935	.4972520	.4908799
#3	.5220427	5.548623	.5495417	5.827509	.5012876	.4922812

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	9.723217	.5071603	.9923247	9.620449	F .0004396	F 2.688353
Stddev	.035777	.0043194	.0303823	.087121	.0049587	.025901
%RSD	.3679572	.8516788	3.061728	.9055825	1127.913	.9634507

#1	9.739528	.5025303	.9936689	9.535489	-.004890	2.661415
#2	9.747932	.5110814	1.022013	9.616278	.004918	2.690570
#3	9.682191	.5078692	.961293	9.709581	.001291	2.713074

Sample Name: ICV Acquired: 2/3/2017 14:11:29 Type: Unk
Method: ISM02.2 INSTRUMENT P5 WITH 6 POINT ICAL(v755) 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 2.530748	-.034546	2.421494	F 2.413450	2.598468	.0011412
Stddev	.013406	.005052	.020071	.005422	.031521	.0002756
%RSD	.5297431	14.62480	.8288828	.2246654	1.213045	24.14919

#1	2.522763	-.036084	2.401492	2.410686	2.571700	.0013749
#2	2.523255	-.038650	2.421356	2.409966	2.590493	.0008373
#3	2.546225	-.028903	2.441634	2.419697	2.633210	.0012113

Elem	Sr4077
Units	ppm
Avg	.0120384
Stddev	.0001492
%RSD	1.239522

#1	.0118843
#2	.0120485
#3	.0121822

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	67.78625	1335.187	42419.73	8914.085	2253.214
Stddev	2.19934	9.406	133.42	75.504	12.437
%RSD	3.244522	.7044718	.3145292	.8470144	.5519624

#1	67.31537	1340.663	42294.29	8999.551	2259.801
#2	65.86048	1340.571	42405.00	8886.268	2260.972
#3	70.18289	1324.326	42559.91	8856.436	2238.869

Sample Name: ICB Acquired: 2/3/2017 14:19:35 Type: Unk
Method: ISM02.2 INSTRUMENT P5 WITH 6 POINT ICAL(v755) 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	-.006054	.0020807	.0020596	-.004407	-.000791	-.002318	.0000025
Stddev	.014925	.0030163	.0015899	.005563	.000841	.000790	.0003624
%RSD	246.5250	144.9692	77.19493	126.2234	106.2430	34.06922	14732.54

#1	-.006476	.0053878	.0019346	-.000363	-.001735	-.003220	-.000364
#2	.009077	.0013735	.0037083	-.002107	-.000124	-.001982	.000011
#3	-.020764	-.000519	.0005359	-.010751	-.000514	-.001752	.000361

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0000109	-.000055	-.000316	-.000014	-.000236	-.000715	-.000009
Stddev	.0000913	.000217	.008756	.000210	.000172	.001218	.006933
%RSD	840.4702	394.2590	2771.155	1464.162	72.86322	170.3556	75444.75

#1	.0000503	.000047	.007872	-.000236	-.000430	.000148	-.001411
#2	-.000093	.000092	-.009548	.000182	-.000180	-.002108	.007517
#3	.000076	-.000305	.000728	.000012	-.000099	-.000185	-.006134

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0005388	-.001344	.0001112	.0002267	-.080503	-.001188	.0053321
Stddev	.0001310	.029479	.0001428	.0000845	.077150	.001905	.0051897
%RSD	24.32019	2192.977	128.5058	37.28477	95.83526	160.2839	97.32976

#1	.0004318	.018620	.0001838	.0003193	-.167897	-.000914	.0093102
#2	.0004997	.012550	.0002031	.0001537	-.051772	-.003215	-.000538
#3	.0006849	-.035202	-.000053	.0002071	-.021841	.000564	.007224

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0412929	.0099785	.0052188	-.000044	-.015221	-.000206	.0011860
Stddev	.0435701	.0028003	.0021177	.000295	.004306	.001038	.0019469
%RSD	105.5148	28.06325	40.57728	671.9882	28.28919	504.1342	164.1645

#1	.0044311	.0122172	.0075593	-.000285	-.020136	-.001315	.0010999
#2	.0300715	.0108798	.0034353	.000285	-.012115	-.000047	-.000716
#3	.0893761	.0068386	.0046618	-.000132	-.013412	.000744	.003174

Sample Name: ICB Acquired: 2/3/2017 14:19:35 Type: Unk
 Method: ISM02.2 INSTRUMENT P5 WITH 6 POINT ICAL(v755) 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	-.000164	.0004657	-.000070
Stddev	.000285	.0005230	.000045
%RSD	173.1758	112.3228	64.79300

#1	-.000491	.0001901	-.000024
#2	.000032	.0010689	-.000114
#3	-.000035	.0001380	-.000071

Int. Std.	Y_ 2243	Y_ 2243	Y_ 3600	Y_ 3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	68.32500	1346.357	43222.19	8771.850	2363.021
Stddev	1.30360	15.728	195.23	84.606	27.440
%RSD	1.907941	1.168190	.4516936	.9645156	1.161230

#1	69.77500	1359.965	42996.88	8860.075	2387.709
#2	67.25000	1349.970	43341.34	8691.400	2367.878
#3	67.95000	1329.137	43328.34	8764.075	2333.477

Sample Name: IC5A Acquired: 2/3/2017 14:23:41 Type: Unk
Method: ISM02.2 INSTRUMENT P5 WITH 6 POINT ICAL(v755) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: IC5A Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0038778	-.001043	-.007710	-.009638	.0064059	251.2301
Stddev	.0082605	.005637	.002053	.002139	.0007869	1.5382
%RSD	213.0224	540.1975	26.62707	22.19221	12.28352	.6122811

#1	-.003354	.005359	-.009356	-.007498	.0062837	252.9855
#2	.002108	-.003227	-.005410	-.009639	.0072468	250.5871
#3	.012880	-.005262	-.008365	-.011776	.0056874	250.1178

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0062685	.0008277	.0020379	256.3466	.0488893	-.001625
Stddev	.0000822	.0001061	.0000909	.4540	.0002905	.000390
%RSD	1.311417	12.81669	4.461482	.1771157	.5941667	24.01722

#1	.0062997	.0008851	.0019725	256.8663	.0491184	-.001216
#2	.0061752	.0007053	.0019995	256.0270	.0489868	-.001664
#3	.0063305	.0008928	.0021417	256.1465	.0485626	-.001994

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0176498	104.7138	.0113373	257.7340	.0002562	-.002533
Stddev	.0010851	.7091	.0009367	1.5415	.0006091	.000460
%RSD	6.147883	.6771370	8.262555	.5980945	237.7412	18.14188

#1	.0189017	105.4807	.0119848	259.1708	.0005205	-.002749
#2	.0170687	104.5790	.0117638	257.9257	-.000440	-.002005
#3	.0169791	104.0819	.0102631	256.1057	.000689	-.002844

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.3915238	.0021327	.0071812	-.561463	.0022073	F -.028735
Stddev	.0615370	.0016748	.0037965	.011759	.0042690	.001376
%RSD	15.71731	78.52580	52.86711	2.094284	193.4082	4.789830

#1	.3366796	.0037288	.0113980	-.574015	-.001794	-.029967
#2	.4580725	.0022804	.0040349	-.550704	.006701	-.028988
#3	.3798194	.0003891	.0061107	-.559670	.001715	-.027249

Sample Name: ICSA Acquired: 2/3/2017 14:23:41 Type: Unk
Method: ISM02.2 INSTRUMENT P5 WITH 6 POINT ICAL(v755) 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	-.000006	-.026412	-.005963	-.003241	-.001694	.0030678
Stddev	.000350	.009760	.001026	.003340	.000629	.0002209
%RSD	5899.428	36.95052	17.20749	103.0503	37.13266	7.199592

#1	-.000246	-.021912	-.005826	.000294	-.002337	.0033127
#2	-.000167	-.037610	-.007050	-.003672	-.001666	.0030068
#3	.000396	-.019715	-.005012	-.006345	-.001080	.0028838

Elem	Sr4077
Units	ppm
Avg	.1037657
Stddev	.0003970
%RSD	.3826247

#1	.1042216
#2	.1035801
#3	.1034955

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	65.49469	1235.915	39831.79	8819.335	1876.000
Stddev	.70392	6.385	104.15	10.675	7.573
%RSD	1.074778	.5166514	.2614811	.1210425	.4036606

#1	66.29807	1229.785	39738.97	8831.142	1871.867
#2	64.98601	1242.529	39944.43	8810.364	1884.740
#3	65.20000	1235.430	39811.98	8816.500	1871.394

Sample Name: ICSAB Acquired: 2/3/2017 14:27:45 Type: Unk
Method: ISM02.2 INSTRUMENT P5 WITH 6 POINT ICAL(v755) 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	.1040454	.1150017	.0586879	.0356840	.5903374	252.9863
Stddev	.0024338	.0099417	.0036699	.0066982	.0069517	2.0279
%RSD	2.339124	8.644865	6.253315	18.77080	1.177589	.8015868

#1	.1043842	.1128076	.0552761	.0282801	.5826633	254.2443
#2	.1062920	.1258572	.0625705	.0413231	.5921355	254.0676
#3	.1014600	.1063402	.0582169	.0374488	.5962135	250.6469

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.5404284	.5227332	1.008612	259.0192	.5884629	.5049578
Stddev	.0042631	.0038246	.004260	1.3208	.0030573	.0030043
%RSD	.7888357	.7316513	.4223398	.5099386	.5195490	.5949683

#1	.5435692	.5253728	1.003836	259.8678	.5898627	.5022718
#2	.5421407	.5244796	1.009981	259.6924	.5849562	.5043994
#3	.5355754	.5183472	1.012019	257.4974	.5905697	.5082022

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.5402913	105.2673	.5578921	258.4743	1.007049	.2051226
Stddev	.0042198	.8337	.0038282	1.5456	.006216	.0011618
%RSD	.7810247	.7919739	.6861820	.5979734	.6172039	.5663729

#1	.5425916	105.4496	.5571826	258.9910	.999892	.2062402
#2	.5428611	105.9948	.5620254	259.6954	1.011092	.2039212
#3	.5354211	104.3576	.5544683	256.7365	1.010163	.2052065

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.6382186	.5351697	1.030211	-.564926	-.007265	F -.024971
Stddev	.0458378	.0024642	.014043	.016067	.002758	.002516
%RSD	7.182156	.4604571	1.363093	2.844170	37.96306	10.07655

#1	.6537775	.5346399	1.034613	-.576544	-.009605	-.022565
#2	.5866265	.5378557	1.014495	-.571645	-.007966	-.024765
#3	.6742518	.5330134	1.041525	-.546590	-.004224	-.027584

Sample Name: ICSAB Acquired: 2/3/2017 14:27:45 Type: Unk
Method: ISM02.2 INSTRUMENT P5 WITH 6 POINT ICAL(v755) 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	.0025312	-.037847	-.001202	.0020938	.0008921	.0058404
Stddev	.0004787	.011459	.002538	.0022005	.0005960	.0005868
%RSD	18.91142	30.27750	211.0726	105.0986	66.80388	10.04706

#1	.0026139	-.038187	-.001018	-.000302	.0003602	.0052243
#2	.0020165	-.049133	-.003827	.002558	.0015362	.0063926
#3	.0029631	-.026222	.001238	.004025	.0007799	.0059042

Elem	Sr4077
Units	ppm
Avg	.1081142
Stddev	.0008104
%RSD	.7495467

#1	.1085858
#2	.1085782
#3	.1071784

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	64.56277	1240.831	39597.41	8699.711	1887.164
Stddev	.57095	6.338	161.33	77.725	7.427
%RSD	.8843280	.5107697	.4074261	.8934230	.3935657

#1	63.92216	1247.962	39455.31	8668.338	1895.666
#2	65.01795	1238.689	39772.78	8642.576	1883.893
#3	64.74820	1235.842	39564.14	8788.219	1881.934

Sample Name: CCV030 Acquired: 2/3/2017 14:31:42 Type: Unk
Method: ISM02.2 INSTRUMENT P5 WITH 6 POINT ICAL(v755) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: CCV030 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.108573	4.992669	25.18641	4.941743	5.038669	411.6311	10.43970
Stddev	.016995	.018300	.08399	.006176	.024168	5.1159	.04925
%RSD	.3326762	.3665410	.3334872	.1249706	.4796434	1.242843	.4717870

#1	5.102254	4.992823	25.15332	4.946514	5.014981	406.2222	10.38581
#2	5.095642	4.974292	25.12399	4.934768	5.037736	416.3923	10.48239
#3	5.127822	5.010892	25.28190	4.943949	5.063289	412.2789	10.45090

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.5176419	2.562408	424.0833	15.71987	2.576960	15.60389	417.2397
Stddev	.0027219	.008596	4.4391	.11505	.010938	.16291	4.6273
%RSD	.5258212	.3354557	1.046754	.7318478	.4244453	1.044024	1.109016

#1	.5146070	2.557916	420.0247	15.82559	2.570819	15.44358	412.9880
#2	.5198670	2.556990	428.8240	15.59734	2.570474	15.76927	422.1680
#3	.5184516	2.572319	423.4014	15.73667	2.589589	15.59883	416.5630

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	15.44089	409.1264	2.580112	1.323335	407.9699	2.578170	15.57616
Stddev	.16683	4.3790	.008727	.008419	5.2907	.042276	.19180
%RSD	1.080448	1.070326	.3382466	.6361739	1.296829	1.639763	1.231343

#1	15.29451	404.7133	2.574159	1.330741	402.0933	2.533846	15.40117
#2	15.62253	413.4705	2.576048	1.314179	412.3541	2.618047	15.78121
#3	15.40563	409.1952	2.590130	1.325086	409.4622	2.582618	15.54609

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	157.1068	5.231929	4.928540	4.978745	5.156257	5.035637	5.105920
Stddev	1.8457	.014772	.040335	.009344	.013498	.033298	.011304
%RSD	1.174794	.2823371	.8184051	.1876717	.2617780	.6612458	.2213954

#1	155.2063	5.227822	4.881976	4.973441	5.144296	4.998707	5.094457
#2	158.8923	5.219645	4.952715	4.973261	5.153583	5.063369	5.106246
#3	157.2218	5.248319	4.950930	4.989534	5.170892	5.044834	5.117058

Sample Name: CCV030 Acquired: 2/3/2017 14:31:42 Type: Unk
 Method: ISM02.2 INSTRUMENT P5 WITH 6 POINT ICAL(v755) Mode: CONC Corr. Factor: 1.000000
 User: JASWAL Custom ID1: CCV030 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	5.111974	5.273207	5.201493
Stddev	.057000	.065968	.024490
%RSD	1.115029	1.251001	.4708226

#1	5.052145	5.202563	5.199430
#2	5.165645	5.333204	5.226949
#3	5.118133	5.283854	5.178100

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	58.71703	1097.260	36900.46	8335.692	1629.206
Stddev	.33179	3.333	207.01	53.072	6.832
%RSD	.5650632	.3037249	.5610060	.6366842	.4193206

#1	58.99940	1100.237	36674.22	8392.540	1634.759
#2	58.35160	1097.883	37080.41	8287.448	1631.281
#3	58.80008	1093.660	36946.76	8327.088	1621.577

Sample Name: CCB030 Acquired: 2/3/2017 14:35:48 Type: Unk
Method: ISM02.2 INSTRUMENT P5 WITH 6 POINT ICAL(v755) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: CCB030 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.001428	.0013915	.0002236	.0072105	-.001154	.0004842	.0007705
Stddev	.012703	.0040551	.0007572	.0060615	.001057	.0069782	.0002511
%RSD	889.6333	291.4324	338.5840	84.06495	91.64043	1441.241	32.59121

#1	-.011032	.0056561	.0010699	.0120893	-.000943	.0081895	.0009879
#2	.012975	-.002415	-.000009	.0004249	-.002300	-.001327	.0004957
#3	-.006227	.000934	-.000390	.0091173	-.000218	-.005410	.0008280

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0000406	.0000879	.0099539	-.000118	-.000074	.0004807	.0022610
Stddev	.0001280	.0001046	.0151460	.000258	.000086	.0003316	.0110917
%RSD	315.3254	119.0030	152.1608	219.2551	117.0027	68.97848	490.5594

#1	.0001032	.0001590	.0184128	-.000027	-.000090	.0003495	-.007252
#2	.0001252	-.000032	.0189811	-.000409	-.000151	.0002347	-.000409
#3	-.000107	.000137	-.007532	.000083	.000019	.0008577	.014444

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0003836	.0132879	.0001577	.0000851	-.154345	-.001222	-.000772
Stddev	.0005440	.0255239	.0004926	.0003542	.183625	.002047	.008340
%RSD	141.7884	192.0846	312.3558	416.1592	118.9702	167.4148	1079.982

#1	.0000912	.0400387	.0007255	-.000247	-.353817	-.001269	.008722
#2	.0010113	-.010800	-.000097	.000458	-.116867	.000847	-.006913
#3	.0000485	.010625	-.000156	.000044	.007649	-.003245	-.004126

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0194504	.0062840	.0059369	-.000146	-.018168	.0011886	.0021387
Stddev	.0208815	.0034335	.0024834	.000043	.010245	.0006052	.0003233
%RSD	107.3580	54.63868	41.82883	29.74932	56.39285	50.91636	15.11469

#1	.0410343	.0023303	.0086048	-.000105	-.006443	.0008030	.0024026
#2	.0179663	.0085165	.0055135	-.000141	-.025392	.0018861	.0017781
#3	-.000650	.0080052	.0036925	-.000192	-.022669	.0008767	.0022353

Sample Name: CCB030 Acquired: 2/3/2017 14:35:48 Type: Unk
Method: ISM02.2 INSTRUMENT P5 WITH 6 POINT ICAL(v755) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: CCB030 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	-.000343	.0010365	-.000001
Stddev	.000245	.0001699	.000007
%RSD	71.47274	16.39130	555.7894

#1	-.000611	.0011903	.000006
#2	-.000130	.0010651	-.000003
#3	-.000288	.0008542	-.000007

Int. Std.	Y_ 2243	Y_ 2243	Y_ 3600	Y_ 3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	68.40000	1353.919	43307.64	8918.792	2381.508
Stddev	.22913	6.170	76.42	27.687	5.771
%RSD	.3349836	.4557503	.1764597	.3104330	.2423352

#1	68.65000	1351.812	43287.49	8936.675	2377.203
#2	68.35000	1360.866	43392.12	8932.800	2388.066
#3	68.20000	1349.077	43243.31	8886.900	2379.255

Sample Name: I1459-15 Acquired: 2/3/2017 14:39:42 Type: Unk
Method: ISM02.2 INSTRUMENT P5 WITH 6 POINT ICAL(v755) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MBDP94 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0916865	.0255059	.0254020	-.096762	.0105136	302.0224	1.144373
Stddev	.0057910	.0036883	.0028885	.008162	.0025617	1.4033	.007249
%RSD	6.316145	14.46052	11.37116	8.435213	24.36570	.4646365	.6334774

#1	.0914082	.0246759	.0231969	-.099941	.0134673	303.6359	1.152553
#2	.0976116	.0295385	.0286717	-.087489	.0091764	301.0866	1.141826
#3	.0860396	.0223034	.0243374	-.102856	.0088972	301.3446	1.138742

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0057804	.0170620	129.3556	.0225570	.2613768	.9484204	487.5925
Stddev	.0000860	.0002408	.6090	.0005899	.0026725	.0030617	.8290
%RSD	1.487420	1.411179	.4708037	2.615277	1.022462	.3228166	.1700291

#1	.0056930	.0171683	130.0092	.0230741	.2583229	.9514630	488.4660
#2	.0057834	.0172314	128.8041	.0226824	.2625196	.9484582	486.8166
#3	.0058649	.0167864	129.2534	.0219144	.2632878	.9453400	487.4949

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	14.96292	115.9461	.0711012	-.014083	8.637674	1.485190	.6839752
Stddev	.07466	.2188	.0005876	.000609	.033058	.014355	.0050265
%RSD	.4989531	.1886942	.8264571	4.325236	.3827245	.9665543	.7348921

#1	15.04913	116.1138	.0708199	-.014786	8.667255	1.497235	.6793883
#2	14.91992	115.6986	.0707071	-.013722	8.601989	1.469305	.6893485
#3	14.91971	116.0260	.0717766	-.013740	8.643780	1.489030	.6831887

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.211354	5.074368	-.127233	-.001940	-.209683	15.41483	.0149934
Stddev	.035805	.034130	.001469	.000371	.013575	.07068	.0008071
%RSD	16.94069	.6725906	1.154817	19.10590	6.473939	.4585269	5.383211

#1	-.192724	5.050321	-.128659	-.002367	-.196255	15.45529	.0158111
#2	-.188705	5.059352	-.125724	-.001755	-.223400	15.33321	.0149718
#3	-.252632	5.113431	-.127315	-.001698	-.209396	15.45599	.0141973

Sample Name: I1459-15 Acquired: 2/3/2017 14:39:42 Type: Unk
 Method: ISM02.2 INSTRUMENT P5 WITH 6 POINT ICAL(v755) Mode: CONC Corr. Factor: 1.000000
 User: JASWAL Custom ID1: MBDP94 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	13.18414	.0441266	.5428319
Stddev	.04460	.0003161	.0030795
%RSD	.3383176	.7164170	.5673127

#1	13.23545	.0437713	.5463719
#2	13.16243	.0443770	.5407702
#3	13.15455	.0442313	.5413537

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	79.63749	1528.900	49630.44	10914.10	1868.280
Stddev	1.78768	4.057	93.70	29.28	1.235
%RSD	2.244769	.2653691	.1887908	.2682902	.0660871

#1	81.69232	1524.250	49571.86	10906.06	1866.887
#2	78.78046	1531.719	49738.50	10946.56	1869.239
#3	78.43968	1530.731	49580.95	10889.68	1868.714

Sample Name: I1459-16 Acquired: 2/3/2017 14:43:44 Type: Unk
Method: ISM02.2 INSTRUMENT P5 WITH 6 POINT ICAL(v755) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MBDP95 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0989072	.0196049	.0166207	-.084146	.0127764	293.1260	.8090836
Stddev	.0027299	.0077513	.0009909	.003800	.0009359	3.0421	.0081643
%RSD	2.760087	39.53738	5.962099	4.516368	7.325484	1.037822	1.009082

#1	.0957938	.0284891	.0160581	-.079906	.0117599	296.5650	.8184295
#2	.1000365	.0142222	.0160391	-.085288	.0136025	290.7863	.8033396
#3	.1008912	.0161033	.0177649	-.087245	.0129666	292.0268	.8054817

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0053821	.0153093	127.7467	.0521783	.2083918	.4476645	445.1970
Stddev	.0000915	.0003048	1.1780	.0003746	.0016924	.0051057	4.8443
%RSD	1.699465	1.990984	.9221736	.7178825	.8121354	1.140521	1.088125

#1	.0052899	.0150782	129.0829	.0517503	.2089310	.4535578	450.7831
#2	.0054728	.0156547	126.8578	.0524465	.2097489	.4445787	442.1509
#3	.0053834	.0151949	127.2995	.0523380	.2064954	.4448569	442.6571

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	6.617282	85.25483	.0846994	-.012270	7.882875	1.645123	.5958039
Stddev	.059380	.85564	.0012927	.000161	.035928	.018920	.0066035
%RSD	.8973513	1.003628	1.526181	1.308396	.4557721	1.150056	1.108336

#1	6.684657	86.24114	.0844652	-.012240	7.923602	1.665696	.5887219
#2	6.572574	84.71149	.0860931	-.012127	7.869353	1.628471	.6017925
#3	6.594615	84.81186	.0835398	-.012444	7.855671	1.641202	.5968971

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.2268554	3.633602	-.087481	-.003591	.0938638	17.13587	.0094547
Stddev	.0244419	.033427	.002043	.001018	.0079301	.19344	.0027530
%RSD	10.77422	.9199456	2.335813	28.35944	8.448532	1.128866	29.11787

#1	.2531293	3.651163	-.086126	-.004412	.0968781	17.29523	.0070266
#2	.2047927	3.654588	-.086486	-.002451	.0998448	16.92065	.0124457
#3	.2226443	3.595054	-.089832	-.003909	.0848685	17.19174	.0088918

Sample Name: I1459-16 Acquired: 2/3/2017 14:43:44 Type: Unk
Method: ISM02.2 INSTRUMENT P5 WITH 6 POINT ICAL(v755) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MBDP95 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	8.783300	.0306954	.4402413
Stddev	.099557	.0003863	.0047862
%RSD	1.133480	1.258537	1.087186

#1	8.898005	.0311155	.4455405
#2	8.719341	.0306152	.4362326
#3	8.732553	.0303555	.4389510

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	81.96315	1581.666	50519.95	11112.09	1912.944
Stddev	.15852	15.592	244.31	108.24	17.336
%RSD	.1934080	.9857721	.4835924	.9740396	.9062218

#1	81.90343	1567.271	50297.19	11004.39	1901.479
#2	82.14286	1579.500	50481.44	11220.85	1904.467
#3	81.84316	1598.228	50781.23	11111.04	1932.887

Sample Name: I1459-17 Acquired: 2/3/2017 14:47:46 Type: Unk
Method: ISM02.2 INSTRUMENT P5 WITH 6 POINT ICAL(v755) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MBDP96 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0894474	.0263575	.0555194	-.091863	.0120681	303.7523	.9011959
Stddev	.0055045	.0015605	.0038412	.003737	.0027318	1.7109	.0052197
%RSD	6.153861	5.920634	6.918733	4.068296	22.63689	.5632693	.5791916

#1	.0951100	.0247251	.0575362	-.087789	.0105918	302.6706	.8979419
#2	.0841160	.0278345	.0510898	-.092669	.0103920	302.8614	.8984293
#3	.0891162	.0265128	.0579322	-.095132	.0152205	305.7248	.9072164

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0050541	.0157429	234.2544	.0441254	.2287793	.4556083	423.9749
Stddev	.0001132	.0007817	1.3738	.0008062	.0065238	.0033742	2.7128
%RSD	2.239560	4.965186	.5864676	1.827158	2.851552	.7405915	.6398524

#1	.0050136	.0155692	233.8911	.0447235	.2256469	.4541210	422.5441
#2	.0051819	.0150627	233.0987	.0444441	.2244125	.4532333	422.2771
#3	.0049667	.0165968	235.7733	.0432085	.2362785	.4594706	427.1036

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	10.08858	91.19497	.0716977	-.013188	7.820713	1.624524	.6111565
Stddev	.06468	.66734	.0016665	.000506	.098458	.011474	.0271346
%RSD	.6411299	.7317783	2.324371	3.834849	1.258940	.7062993	4.439878

#1	10.07125	90.96726	.0703054	-.013368	7.713303	1.623490	.5967057
#2	10.03434	90.67128	.0712435	-.013580	7.906686	1.613603	.5943057
#3	10.16016	91.94637	.0735442	-.012617	7.842150	1.636480	.6424582

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.2749350	4.557608	-.111312	-.002234	.9229165	74.31793	.0155174
Stddev	.0423215	.113942	.001901	.000719	.0321080	.35882	.0026054
%RSD	15.39328	2.500046	1.707360	32.17179	3.478974	.4828225	16.79027

#1	.2799369	4.495798	-.111721	-.001494	.8975874	74.31407	.0145868
#2	.2303348	4.487927	-.112974	-.002279	.9121341	73.96105	.0184603
#3	.3145333	4.689098	-.109240	-.002930	.9590278	74.67867	.0135050

Sample Name: I1459-17 Acquired: 2/3/2017 14:47:46 Type: Unk
 Method: ISM02.2 INSTRUMENT P5 WITH 6 POINT ICAL(v755) Mode: CONC Corr. Factor: 1.000000
 User: JASWAL Custom ID1: MBDP96 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	11.30528	.0380153	.5162660
Stddev	.06993	.0001828	.0024659
%RSD	.6185757	.4809210	.4776374

#1	11.25302	.0379134	.5148424
#2	11.27808	.0382264	.5148421
#3	11.38472	.0379061	.5191133

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	81.78484	1548.151	49700.41	11096.42	1839.277
Stddev	1.87130	24.589	51.09	64.31	39.116
%RSD	2.288082	1.588265	.1027973	.5795928	2.126711

#1	83.11675	1560.803	49724.31	11095.66	1860.959
#2	82.59241	1563.837	49641.75	11161.11	1862.751
#3	79.64535	1519.812	49735.17	11032.49	1794.122

Sample Name: I1459-18 Acquired: 2/3/2017 14:51:49 Type: Unk
Method: ISM02.2 INSTRUMENT P5 WITH 6 POINT ICAL(v755) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MBDP97 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.2034966	.0277355	.6689067	-.103548	.0141141	238.3252	1.152428
Stddev	.0229668	.0098152	.0018503	.008026	.0004712	22.0558	.105018
%RSD	11.28608	35.38875	.2766201	7.750879	3.338471	9.254508	9.112761

#1	.2014604	.0240099	.6683182	-.108376	.0146401	230.7770	1.116809
#2	.2274137	.0388680	.6674222	-.094283	.0139715	263.1642	1.270623
#3	.1816156	.0203284	.6709797	-.107985	.0137307	221.0345	1.069852

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0069566	.0158330	80.49401	.0872384	.3067991	.5087186	548.1987
Stddev	.0005136	.0016706	7.39954	.0058199	.0020736	.0478534	50.5087
%RSD	7.383388	10.55141	9.192660	6.671222	.6758724	9.406661	9.213569

#1	.0069329	.0164394	77.70025	.0886606	.3055524	.4918427	530.2449
#2	.0074816	.0139439	88.88370	.0808392	.3056521	.5627236	605.2315
#3	.0064552	.0171158	74.89808	.0922152	.3091927	.4715896	509.1196

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	11.14216	76.11907	.0648233	-.011713	5.469741	2.262276	1.074346
Stddev	1.01351	7.09500	.0012227	.003053	.450432	.210396	.120515
%RSD	9.096165	9.320922	1.886193	26.06815	8.234979	9.300184	11.21752

#1	10.76685	73.58331	.0657569	-.012593	5.264749	2.193143	1.021354
#2	12.28979	84.13354	.0652737	-.008316	5.986209	2.498540	1.212277
#3	10.36984	70.64037	.0634393	-.014229	5.158265	2.095145	.989407

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.6237174	3.085403	-.154318	-.004049	1.854737	9.917205	.0360520
Stddev	.1973200	.009747	.010845	.000214	.024433	.759196	.0045536
%RSD	31.63612	.3159059	7.027566	5.280743	1.317338	7.655341	12.63058

#1	.5281509	3.094531	-.149553	-.003834	1.837719	9.636267	.0325147
#2	.8506247	3.075137	-.166730	-.004052	1.843757	10.77683	.0411898
#3	.4923765	3.086540	-.146672	-.004262	1.882733	9.33852	.0344517

Sample Name: I1459-18 Acquired: 2/3/2017 14:51:49 Type: Unk
Method: ISM02.2 INSTRUMENT P5 WITH 6 POINT ICAL(v755) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MBDP97 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	3.934583	.0330683	.3932007
Stddev	.365113	.0030189	.0360349
%RSD	9.279580	9.129394	9.164507

#1	3.808984	.0320941	.3809735
#2	4.345917	.0364541	.4337583
#3	3.648849	.0306568	.3648704

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	73.91534	1414.801	47034.51	9930.789	1909.851
Stddev	6.97697	3.951	313.84	729.309	4.766
%RSD	9.439144	.2792708	.6672597	7.343916	.2495342

#1	77.53638	1410.342	47250.35	10172.81	1907.531
#2	65.87230	1417.867	47178.70	9111.24	1915.332
#3	78.33733	1416.194	46674.49	10508.32	1906.689

Sample Name: I1459-19 Acquired: 2/3/2017 14:55:49 Type: Unk
Method: ISM02.2 INSTRUMENT P5 WITH 6 POINT ICAL(v755) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MBDP98 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1142686	.0308961	.2775872	-.094215	.0149884	256.3532	1.065661
Stddev	.0122743	.0112263	.0009116	.010469	.0057762	.2700	.001084
%RSD	10.74161	36.33569	.3283856	11.11210	38.53775	.1053217	.1017181

#1	.1192206	.0431939	.2780870	-.085009	.0103347	256.1120	1.064715
#2	.1232934	.0282975	.2781396	-.105604	.0131775	256.6449	1.065424
#3	.1002919	.0211970	.2765351	-.092033	.0214531	256.3028	1.066844

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0065726	.0177990	155.3498	.0642784	.2718812	.5154922	516.3109
Stddev	.0000999	.0004466	.2381	.0017971	.0028197	.0014733	1.3539
%RSD	1.520567	2.509089	.1532777	2.795836	1.037108	.2858064	.2622311

#1	.0066531	.0179549	155.5957	.0639040	.2690706	.5160630	516.2720
#2	.0066041	.0172954	155.1204	.0626980	.2718629	.5165947	517.6838
#3	.0064608	.0181467	155.3332	.0662333	.2747099	.5138189	514.9768

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	9.529884	80.78721	.1367509	-.013800	7.795025	2.720425	.7200322
Stddev	.004397	.22006	.0006275	.000445	.091077	.009015	.0149696
%RSD	.0461368	.2723984	.4588360	3.225533	1.168398	.3313842	2.079016

#1	9.529462	80.63429	.1360400	-.014007	7.721818	2.729266	.7037647
#2	9.525714	81.03943	.1369851	-.013289	7.897016	2.720764	.7332270
#3	9.534477	80.68793	.1372275	-.014104	7.766241	2.711245	.7231051

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.5857325	2.970182	-.142696	-.002887	2.752552	15.51868	.0246513
Stddev	.0391051	.010760	.002297	.000035	.025661	.01105	.0004193
%RSD	6.676282	.3622790	1.609741	1.202381	.9322690	.0711973	1.701039

#1	.5512363	2.965412	-.143520	-.002924	2.731963	15.50660	.0246480
#2	.5777473	2.982503	-.144468	-.002854	2.781301	15.52827	.0242335
#3	.6282140	2.962632	-.140101	-.002883	2.744392	15.52117	.0250722

Sample Name: I1459-19 Acquired: 2/3/2017 14:55:49 Type: Unk
Method: ISM02.2 INSTRUMENT P5 WITH 6 POINT ICAL(v755) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MBDP98 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	4.703999	.0367071	.4839501
Stddev	.009161	.0004007	.0008545
%RSD	.1947549	1.091659	.1765727

#1	4.714071	.0364928	.4829666
#2	4.701763	.0364591	.4843729
#3	4.696162	.0371694	.4845109

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	74.79075	1428.802	46695.63	10302.68	1811.168
Stddev	.82705	6.315	525.20	13.86	8.478
%RSD	1.105814	.4419948	1.124724	.1345529	.4681120

#1	75.43448	1434.045	46309.52	10286.68	1819.498
#2	73.85797	1430.569	47293.68	10310.24	1811.457
#3	75.07979	1421.791	46483.70	10311.12	1802.549

Sample Name: I1459-20 Acquired: 2/3/2017 14:59:52 Type: Unk
Method: ISM02.2 INSTRUMENT P5 WITH 6 POINT ICAL(v755) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MBDP99 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0908749	.0353915	.0367705	-.120906	.0109071	286.8668	.9066985
Stddev	.0152216	.0025355	.0032273	.006752	.0035094	1.1986	.0056900
%RSD	16.75009	7.164161	8.776772	5.584482	32.17524	.4178122	.6275462

#1	.0733585	.0382431	.0348959	-.113453	.0071401	286.6739	.9081558
#2	.1008902	.0345401	.0349185	-.126615	.0114972	288.1502	.9115181
#3	.0983761	.0333913	.0404969	-.122649	.0140840	285.7765	.9004217

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0070236	.0200331	109.0750	.1786632	.3132375	.6273449	585.6502
Stddev	.0002237	.0002170	.3105	.0009956	.0015153	.0042787	1.5287
%RSD	3.185458	1.083148	.2846989	.5572569	.4837628	.6820280	.2610337

#1	.0068943	.0201162	109.2689	.1794553	.3148460	.6288948	585.2446
#2	.0072819	.0201963	109.2393	.1775456	.3130298	.6306326	587.3409
#3	.0068945	.0197869	108.7169	.1789889	.3118368	.6225073	584.3652

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.802786	110.9064	.1298178	-.015411	6.931251	2.452641	.8390814
Stddev	.014140	.3459	.0009336	.000697	.057047	.010681	.0072536
%RSD	.2436844	.3119264	.7191566	4.522546	.8230401	.4354736	.8644629

#1	5.815644	110.7969	.1306309	-.015827	6.944410	2.444052	.8378089
#2	5.805073	111.2938	.1300243	-.014607	6.868774	2.464600	.8325484
#3	5.787642	110.6284	.1287983	-.015800	6.980568	2.449271	.8468870

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.519111	2.009859	-.149132	-.005005	.6404924	22.15359	.0160064
Stddev	.025363	.023819	.002164	.000474	.0283684	.09983	.0045258
%RSD	1.669621	1.185130	1.450893	9.473843	4.429159	.4506215	28.27533

#1	1.491000	2.014400	-.147721	-.005417	.6399701	22.03967	.0208413
#2	1.540282	2.031082	-.148052	-.005111	.6691184	22.19533	.0153067
#3	1.526050	1.984096	-.151623	-.004486	.6123887	22.22578	.0118711

Sample Name: I1459-20 Acquired: 2/3/2017 14:59:52 Type: Unk
 Method: ISM02.2 INSTRUMENT P5 WITH 6 POINT ICAL(v755) Mode: CONC Corr. Factor: 1.000000
 User: JASWAL Custom ID1: MBDP99 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	9.426198	.0515177	.3627684
Stddev	.034890	.0002824	.0020509
%RSD	.3701390	.5480671	.5653368

#1	9.430702	.0514899	.3634697
#2	9.458616	.0518130	.3643767
#3	9.389274	.0512503	.3604589

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	73.72599	1414.039	45797.85	10081.93	1802.586
Stddev	.69608	3.806	188.95	35.92	8.521
%RSD	.9441477	.2691743	.4125682	.3562588	.4727137

#1	74.48664	1409.694	45683.02	10120.64	1795.749
#2	73.12075	1416.783	46015.92	10049.68	1799.878
#3	73.57057	1415.640	45694.59	10075.47	1812.133

Sample Name: I1501-04 Acquired: 2/3/2017 15:03:51 Type: Unk
Method: ISM02.2 INSTRUMENT P5 WITH 6 POINT ICAL(v755) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MBDMT4 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0784455	.0056840	.0171455	-.085139	.0085499	286.0219	.9908274
Stddev	.0045457	.0036856	.0008915	.006094	.0020757	1.5389	.0064232
%RSD	5.794750	64.84105	5.199557	7.158133	24.27725	.5380442	.6482640

#1	.0833716	.0080322	.0168262	-.090371	.0070964	285.7655	.9886334
#2	.0775519	.0075835	.0164576	-.078447	.0076262	284.6272	.9857887
#3	.0744129	.0014362	.0181526	-.086599	.0109271	287.6729	.9980601

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0068860	.0162820	45.16731	-.022608	.3545316	.3028957	412.1169
Stddev	.0002324	.0006280	.19896	.000301	.0073045	.0010188	2.2470
%RSD	3.375255	3.857154	.4404845	1.332539	2.060326	.3363654	.5452421

#1	.0066243	.0161432	45.07085	-.022341	.3512340	.3040595	411.2008
#2	.0069656	.0157350	45.03497	-.022548	.3494572	.3024629	410.4726
#3	.0070682	.0169678	45.39610	-.022934	.3629035	.3021647	414.6772

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	11.30415	73.83855	.0373825	-.011617	5.424921	1.251324	.3614281
Stddev	.07170	.33719	.0017037	.000518	.110817	.009031	.0073512
%RSD	.6343055	.4566603	4.557577	4.455534	2.042732	.7217504	2.033921

#1	11.26457	73.92647	.0373132	-.012211	5.331933	1.246371	.3663445
#2	11.26097	73.46610	.0357145	-.011377	5.395290	1.245853	.3649626
#3	11.38692	74.12307	.0391199	-.011263	5.547542	1.261748	.3529773

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.096459	.5762928	-.113309	-.003720	.3838990	6.127017	.0094488
Stddev	.011119	.0205948	.004079	.000287	.0063920	.030315	.0039383
%RSD	11.52720	3.573675	3.600208	7.724718	1.665015	.4947798	41.68097

#1	-.102788	.5781250	-.113370	-.003593	.3770720	6.134584	.0049018
#2	-.102970	.5548431	-.109199	-.003519	.3897418	6.093635	.0117869
#3	-.083621	.5959104	-.117357	-.004049	.3848831	6.152832	.0116576

Sample Name: I1501-04 Acquired: 2/3/2017 15:03:51 Type: Unk
Method: ISM02.2 INSTRUMENT P5 WITH 6 POINT ICAL(v755) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MBDMT4 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	2.070656	.0488280	.4268697
Stddev	.011393	.0002523	.0022614
%RSD	.5501887	.5168186	.5297758

#1	2.069190	.0488311	.4266313
#2	2.060068	.0485742	.4247369
#3	2.082711	.0490788	.4292409

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	91.76351	1747.838	56609.37	12408.84	1945.914
Stddev	.57013	21.369	212.48	53.16	34.815
%RSD	.6213058	1.222590	.3753499	.4283689	1.789113

#1	91.80819	1754.126	56364.19	12435.91	1952.838
#2	91.17236	1765.357	56739.93	12443.00	1976.746
#3	92.30999	1724.030	56724.00	12347.60	1908.158

Sample Name: I1501-05 Acquired: 2/3/2017 15:07:51 Type: Unk
Method: ISM02.2 INSTRUMENT P5 WITH 6 POINT ICAL(v755) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MBDMT5 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1372913	.0488095	.0214889	-.138221	.0170818	386.5233	.3142598
Stddev	.0009623	.0099631	.0044702	.005796	.0021873	1.9025	.0016131
%RSD	.7008957	20.41217	20.80216	4.193251	12.80490	.4922175	.5133078

#1	.1364282	.0389276	.0238233	-.131763	.0195951	384.6672	.3126804
#2	.1383288	.0486490	.0163348	-.142970	.0160410	386.4335	.3141943
#3	.1371168	.0588519	.0243086	-.139930	.0156092	388.4691	.3159046

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0068837	.0228354	245.6500	-.055430	.2718958	.6071066	632.9113
Stddev	.0003168	.0002525	.9886	.000601	.0009325	.0032388	3.2856
%RSD	4.601949	1.105798	.4024375	1.084701	.3429768	.5334846	.5191267

#1	.0066890	.0229729	244.5446	-.054843	.2726965	.6037257	629.3657
#2	.0067130	.0229893	245.9556	-.056045	.2721188	.6074123	633.5151
#3	.0072493	.0225439	246.4496	-.055402	.2708719	.6101817	635.8531

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	15.94391	166.8394	.0226006	-.020069	8.629007	2.238931	.5269287
Stddev	.05857	1.1052	.0010144	.001097	.139215	.012290	.0323250
%RSD	.3673585	.6624491	4.488569	5.465224	1.613335	.5489011	6.134606

#1	15.87685	165.6283	.0227027	-.021171	8.512241	2.228582	.5629534
#2	15.96984	167.0965	.0235602	-.018977	8.783072	2.235696	.5173761
#3	15.98504	167.7935	.0215390	-.020060	8.591709	2.252514	.5004565

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.7001573	7.483590	-.098287	-.004197	-.037740	19.99085	.0239146
Stddev	.0333883	.009697	.004230	.000564	.002575	.34507	.0055571
%RSD	4.768678	.1295792	4.303486	13.44753	6.823792	1.726123	23.23738

#1	.6796028	7.486698	-.102766	-.003663	-.040540	20.11659	.0278925
#2	.7386819	7.491353	-.094361	-.004787	-.037207	19.60054	.0175652
#3	.6821873	7.472720	-.097733	-.004140	-.035473	20.25541	.0262863

Sample Name: I1501-05 Acquired: 2/3/2017 15:07:51 Type: Unk
Method: ISM02.2 INSTRUMENT P5 WITH 6 POINT ICAL(v755) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MBDMT5 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	25.08977	.1214150	.4439922
Stddev	.10183	.0005598	.0014902
%RSD	.4058490	.4610858	.3356360

#1	24.98506	.1208652	.4423733
#2	25.09581	.1219843	.4442968
#3	25.18844	.1213955	.4453066

Int. Std.	Y_ 2243	Y_ 2243	Y_ 3600	Y_ 3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	80.06342	1496.741	49110.72	10769.13	1812.184
Stddev	1.93545	3.158	727.20	27.81	.682
%RSD	2.417390	.2110180	1.480731	.2582448	.0376573

#1	77.99380	1500.387	48400.63	10780.86	1811.480
#2	80.36785	1494.850	49853.89	10789.16	1812.230
#3	81.82861	1494.986	49077.63	10737.38	1812.843

Sample Name: I1501-06 Acquired: 2/3/2017 15:11:50 Type: Unk
Method: ISM02.2 INSTRUMENT P5 WITH 6 POINT ICAL(v755) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MBDMT6 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1107723	.0508312	.0436236	-.128357	.0136070	307.4300	.3526369
Stddev	.0033454	.0057022	.0023673	.013780	.0015562	1.8521	.0023615
%RSD	3.020077	11.21790	5.426613	10.73588	11.43649	.6024374	.6696541

#1	.1069690	.0523703	.0456884	-.143858	.0120209	306.1510	.3520397
#2	.1120882	.0556058	.0410399	-.117496	.0151314	306.5851	.3506313
#3	.1132596	.0445174	.0441425	-.123716	.0136686	309.5539	.3552396

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0072718	.0212524	166.1881	.0203079	.3302426	.7433749	623.6438
Stddev	.0001563	.0006303	1.0862	.0009796	.0043834	.0054589	4.3257
%RSD	2.149085	2.965717	.6536107	4.823703	1.327317	.7343433	.6936136

#1	.0070962	.0219790	165.7377	.0211222	.3352958	.7388139	619.7544
#2	.0073957	.0208537	165.3994	.0205806	.3279668	.7418875	622.8745
#3	.0073236	.0209244	167.4270	.0192208	.3274653	.7494234	628.3025

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	15.41918	136.2751	.1820462	-.019227	19.09070	2.632386	.8253969
Stddev	.09967	.9740	.0025676	.001389	.16138	.016294	.0281313
%RSD	.6464203	.7146988	1.410421	7.226176	.8453574	.6189956	3.408211

#1	15.38299	135.3805	.1848741	-.020805	19.01806	2.619862	.8011574
#2	15.34266	136.1324	.1798610	-.018690	18.97841	2.626488	.8187896
#3	15.53190	137.3126	.1814036	-.018187	19.27564	2.650808	.8562437

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.012661	9.746727	-.116755	-.004589	-.049967	13.23582	.0150175
Stddev	.040851	.082475	.004147	.000851	.013167	.08271	.0018088
%RSD	.8149486	.8461813	3.551693	18.55432	26.35152	.6248781	12.04441

#1	5.026033	9.841871	-.121541	-.004250	-.059728	13.24769	.0170308
#2	4.966801	9.695568	-.114471	-.005557	-.034991	13.14782	.0144921
#3	5.045151	9.702743	-.114253	-.003959	-.055183	13.31195	.0135296

Sample Name: I1501-06 Acquired: 2/3/2017 15:11:50 Type: Unk
 Method: ISM02.2 INSTRUMENT P5 WITH 6 POINT ICAL(v755) Mode: CONC Corr. Factor: 1.000000
 User: JASWAL Custom ID1: MBDMT6 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	20.43418	.0841656	.8023100
Stddev	.12035	.0000598	.0046886
%RSD	.5889741	.0710149	.5843882

#1	20.34906	.0841927	.8004299
#2	20.38159	.0840971	.7988532
#3	20.57187	.0842070	.8076468

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	73.64263	1408.084	45662.07	10164.78	1857.657
Stddev	2.30947	14.344	377.78	48.10	20.416
%RSD	3.136055	1.018701	.8273402	.4731622	1.099004

#1	75.77500	1392.400	45254.44	10190.53	1834.086
#2	73.96332	1411.315	45731.35	10194.53	1869.126
#3	71.18957	1420.538	46000.41	10109.29	1869.759

Sample Name: I1501-07 Acquired: 2/3/2017 15:15:48 Type: Unk
Method: ISM02.2 INSTRUMENT P5 WITH 6 POINT ICAL(v755) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MBDMT7 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1153518	.0473412	.0268554	-.131574	.0182989	388.8905	.3071257
Stddev	.0123758	.0128138	.0032418	.008360	.0037003	6.1866	.0045951
%RSD	10.72878	27.06699	12.07116	6.353877	20.22126	1.590824	1.496157

#1	.1258873	.0380524	.0288831	-.135371	.0162927	381.8608	.3018608
#2	.1017226	.0420115	.0285664	-.121989	.0160350	393.5057	.3103288
#3	.1184456	.0619597	.0231166	-.137362	.0225690	391.3049	.3091874

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0068497	.0231198	191.3333	-.046413	.2904302	.4918402	602.6300
Stddev	.0001075	.0009064	3.1839	.000915	.0038656	.0096682	9.8452
%RSD	1.569901	3.920363	1.664055	1.971763	1.330985	1.965716	1.633707

#1	.0069346	.0236668	187.6680	-.045357	.2902204	.4807145	591.2677
#2	.0068857	.0220736	193.4133	-.046913	.2866738	.4966044	608.6306
#3	.0067288	.0236190	192.9187	-.046969	.2943965	.4982016	607.9917

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	15.32852	178.6232	.0262106	-.020933	32.89160	2.006254	.6865668
Stddev	.25166	2.8858	.0009923	.001341	.40386	.032221	.0064195
%RSD	1.641807	1.615571	3.786023	6.408216	1.227841	1.606052	.9350151

#1	15.04007	175.3097	.0253016	-.022456	32.42532	1.969758	.6911137
#2	15.50324	180.5857	.0260609	-.019926	33.11868	2.030770	.6792234
#3	15.44227	179.9742	.0272693	-.020417	33.13080	2.018232	.6893632

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	3.288411	9.894269	-.095236	-.005244	-.150468	19.15756	.0255221
Stddev	.068992	.144913	.004968	.000186	.005534	.23208	.0012924
%RSD	2.098037	1.464619	5.216675	3.540054	3.678108	1.211431	5.063939

#1	3.210537	9.863074	-.100679	-.005345	-.145315	18.92879	.0255136
#2	3.341896	9.767494	-.094081	-.005358	-.149771	19.39281	.0242340
#3	3.312799	10.05224	-.090947	-.005030	-.156318	19.15106	.0268188

Sample Name: I1501-07 Acquired: 2/3/2017 15:15:48 Type: Unk
 Method: ISM02.2 INSTRUMENT P5 WITH 6 POINT ICAL(v755) Mode: CONC Corr. Factor: 1.000000
 User: JASWAL Custom ID1: MBDMT7 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	36.10268	.1084432	1.161263
Stddev	.54539	.0014661	.018239
%RSD	1.510660	1.351911	1.570643

#1	35.47585	.1068107	1.141129
#2	36.46870	.1088713	1.176681
#3	36.36348	.1096475	1.165979

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	80.29867	1513.195	49284.53	11070.92	1791.680
Stddev	.91478	7.572	220.19	179.04	16.735
%RSD	1.139219	.5003782	.4467682	1.617223	.9340386

#1	79.37101	1511.386	49327.04	11264.18	1793.911
#2	80.32500	1521.508	49480.37	10910.70	1807.189
#3	81.20000	1506.692	49046.19	11037.88	1773.942

Sample Name: I1501-08 Acquired: 2/3/2017 15:19:46 Type: Unk
Method: ISM02.2 INSTRUMENT P5 WITH 6 POINT ICAL(v755) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MBDMT8 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0825974	.0469082	.0219520	-.101770	.0133813	275.1278	.1388310
Stddev	.0070915	.0074659	.0026000	.003737	.0023882	1.1744	.0008126
%RSD	8.585641	15.91596	11.84412	3.672331	17.84752	.4268627	.5853232

#1	.0785771	.0433996	.0227980	-.106033	.0119703	275.2007	.1388376
#2	.0907855	.0554821	.0190344	-.100220	.0120349	273.9186	.1380152
#3	.0784295	.0418430	.0240238	-.099057	.0161388	276.2641	.1396404

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0052203	.0162617	129.3527	-.038531	.2222442	.4257407	490.1423
Stddev	.0002341	.0002123	.6124	.000203	.0028430	.0038516	2.0357
%RSD	4.485102	1.305704	.4734343	.5263903	1.279211	.9046821	.4153348

#1	.0049681	.0160408	129.0096	-.038755	.2197429	.4265210	490.6837
#2	.0052620	.0164643	128.9887	-.038359	.2253361	.4215587	487.8906
#3	.0054308	.0162800	130.0597	-.038480	.2216537	.4291425	491.8527

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	11.99660	166.5308	.0232766	-.016209	21.29339	1.462998	.5713789
Stddev	.07031	.2723	.0013881	.000277	.26055	.004362	.0125699
%RSD	.5861181	.1635372	5.963454	1.709558	1.223634	.2981687	2.199926

#1	11.95604	166.4819	.0216918	-.015975	21.34490	1.459132	.5625142
#2	11.95596	166.2862	.0242767	-.016515	21.01092	1.462135	.5658580
#3	12.07779	166.8243	.0238612	-.016138	21.52434	1.467728	.5857644

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.8490707	6.449328	-.098957	-.003683	-.132225	15.23629	.0240189
Stddev	.0369105	.037771	.001216	.000457	.011721	.08984	.0042160
%RSD	4.347167	.5856625	1.228774	12.41040	8.864576	.5896471	17.55287

#1	.8462863	6.405755	-.099313	-.004049	-.135822	15.19201	.0282162
#2	.8136313	6.472771	-.099955	-.003830	-.141726	15.17718	.0240561
#3	.8872946	6.469456	-.097602	-.003171	-.119127	15.33968	.0197844

Sample Name: I1501-08 Acquired: 2/3/2017 15:19:46 Type: Unk
Method: ISM02.2 INSTRUMENT P5 WITH 6 POINT ICAL(v755) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MBDMT8 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	31.98157	.0769158	.9807131
Stddev	.12321	.0004746	.0053841
%RSD	.3852505	.6169723	.5489995

#1	32.00018	.0770110	.9804046
#2	31.85011	.0764009	.9754899
#3	32.09441	.0773355	.9862449

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	76.40873	1465.960	47808.92	10504.50	1864.420
Stddev	.83515	5.130	157.40	31.26	9.778
%RSD	1.093001	.3499662	.3292371	.2976164	.5244666

#1	76.80603	1471.376	47652.77	10514.79	1874.861
#2	76.97106	1461.174	47806.44	10529.32	1855.478
#3	75.44910	1465.329	47967.55	10469.39	1862.921

Sample Name: I1501-09 Acquired: 2/3/2017 15:23:46 Type: Unk
Method: ISM02.2 INSTRUMENT P5 WITH 6 POINT ICAL(v755) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MBDMT9 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1077738	.0306413	.0300756	-.128173	.0170221	354.6023	1.247521
Stddev	.0084725	.0052992	.0029038	.005491	.0017419	.4690	.001101
%RSD	7.861368	17.29421	9.655081	4.284196	10.23332	.1322585	.0882196

#1	.1084786	.0339870	.0331297	-.128179	.0166733	355.1054	1.246263
#2	.1158718	.0334053	.0273499	-.133661	.0189120	354.5241	1.248306
#3	.0989709	.0245315	.0297474	-.122679	.0154810	354.1773	1.247994

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0083260	.0195208	55.04026	.0212485	.2198203	.4335749	667.3882
Stddev	.0002034	.0003596	.06613	.0009958	.0025263	.0012282	2.3100
%RSD	2.442322	1.842230	.1201514	4.686645	1.149269	.2832759	.3461182

#1	.0085507	.0198410	55.08960	.0210259	.2227271	.4333344	668.1293
#2	.0082725	.0195896	55.06606	.0203828	.2181542	.4349056	669.2367
#3	.0081547	.0191317	54.96512	.0223368	.2185796	.4324848	664.7987

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	7.848812	99.83031	.0513511	-.018262	6.319311	2.326558	.5497742
Stddev	.006463	.30562	.0012621	.000594	.069934	.009293	.0044811
%RSD	.0823412	.3061421	2.457769	3.252058	1.106667	.3994215	.8150831

#1	7.848935	99.90299	.0527910	-.017633	6.256221	2.323453	.5523785
#2	7.855213	100.0931	.0508262	-.018342	6.394507	2.337005	.5445999
#3	7.842289	99.4949	.0504363	-.018813	6.307204	2.319215	.5523441

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.232321	1.846788	-.188082	-.004811	.9590360	6.668906	.0171378
Stddev	.015162	.014840	.001731	.000993	.0215386	.072688	.0043854
%RSD	1.230346	.8035394	.9203531	20.64385	2.245863	1.089958	25.58899

#1	1.220754	1.863923	-.187029	-.004763	.9739518	6.636376	.0216140
#2	1.249486	1.838073	-.190080	-.005828	.9343429	6.752178	.0128493
#3	1.226723	1.838369	-.187137	-.003843	.9688133	6.618164	.0169500

Sample Name: I1501-09 Acquired: 2/3/2017 15:23:46 Type: Unk
 Method: ISM02.2 INSTRUMENT P5 WITH 6 POINT ICAL(v755) Mode: CONC Corr. Factor: 1.000000
 User: JASWAL Custom ID1: MBDMT9 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	4.730354	.0618523	.4108440
Stddev	.004803	.0006234	.0002435
%RSD	.1015257	1.007920	.0592776

#1	4.734824	.0625089	.4111069
#2	4.730962	.0612684	.4107992
#3	4.725277	.0617795	.4106260

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	74.47949	1415.954	46475.24	10213.94	1920.677
Stddev	.79835	9.535	426.59	53.49	15.786
%RSD	1.071912	.6733695	.9178805	.5237005	.8219097

#1	73.56316	1405.096	46788.99	10179.11	1903.131
#2	74.85030	1422.958	46647.22	10187.18	1933.728
#3	75.02500	1419.808	45989.51	10275.53	1925.172

Sample Name: I1501-10 Acquired: 2/3/2017 15:27:47 Type: Unk
Method: ISM02.2 INSTRUMENT P5 WITH 6 POINT ICAL(v755) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MBDMW0 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0795000	.0129565	.0174971	-.099105	.0080245	336.3875	1.448631
Stddev	.0082321	.0073137	.0012679	.003696	.0055244	2.2351	.011811
%RSD	10.35485	56.44802	7.246468	3.729205	68.84476	.6644456	.8153146

#1	.0766816	.0192658	.0160354	-.097086	.0022214	338.3035	1.458607
#2	.0887711	.0146635	.0181548	-.096859	.0132200	336.9270	1.451698
#3	.0730473	.0049403	.0183010	-.103371	.0086320	333.9321	1.435589

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0064939	.0175921	118.1725	-.036706	.2097719	.2944719	453.2061
Stddev	.0000975	.0003231	.8737	.000526	.0022375	.0017019	3.4687
%RSD	1.501715	1.836514	.7393149	1.432493	1.066617	.5779529	.7653679

#1	.0064796	.0172793	118.5234	-.037179	.2078059	.2955806	456.4504
#2	.0065977	.0179246	118.8161	-.036800	.2093033	.2953227	453.6182
#3	.0064043	.0175723	117.1779	-.036140	.2122066	.2925123	449.5498

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	8.096074	112.6674	.0221323	-.013662	5.544832	1.427823	.4759459
Stddev	.058699	.7209	.0006165	.000165	.088499	.007482	.0026960
%RSD	.7250270	.6398238	2.785548	1.211089	1.596068	.5240107	.5664431

#1	8.126985	113.3926	.0225084	-.013488	5.585189	1.432801	.4733309
#2	8.132858	112.6586	.0224678	-.013682	5.605959	1.431450	.4757906
#3	8.028379	111.9509	.0214209	-.013817	5.443348	1.419219	.4787161

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1622064	2.293385	-.099938	-.003487	.2508195	9.005622	.0135869
Stddev	.0075698	.016307	.001901	.000453	.0201249	.039878	.0005864
%RSD	4.666755	.7110562	1.902072	12.97826	8.023680	.4428153	4.315905

#1	.1701067	2.288078	-.097839	-.003779	.2402419	8.996083	.0131563
#2	.1550174	2.280393	-.100430	-.002966	.2381890	9.049405	.0133497
#3	.1614951	2.311685	-.101544	-.003716	.2740275	8.971379	.0142548

Sample Name: I1501-10 Acquired: 2/3/2017 15:27:47 Type: Unk
Method: ISM02.2 INSTRUMENT P5 WITH 6 POINT ICAL(v755) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MBDMW0 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	11.54686	.0518733	.4364953
Stddev	.07293	.0004376	.0024719
%RSD	.6315649	.8436544	.5662997

#1	11.61698	.0520993	.4382099
#2	11.55217	.0513689	.4376143
#3	11.47142	.0521518	.4336619

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	85.82781	1667.274	53933.32	11948.30	1869.740
Stddev	.36745	11.970	148.31	34.20	16.054
%RSD	.4281207	.7179284	.2749943	.2862113	.8586238

#1	85.75842	1679.488	54089.43	11929.59	1885.173
#2	85.50000	1666.768	53916.24	11927.55	1870.918
#3	86.22500	1655.564	53794.28	11987.78	1853.130

Sample Name: I1501-11 Acquired: 2/3/2017 15:31:49 Type: Unk
Method: ISM02.2 INSTRUMENT P5 WITH 6 POINT ICAL(v755) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MBDMW1 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0932494	.0213043	.0201073	-.102318	.0117799	349.5451	.2944066
Stddev	.0112275	.0096260	.0016262	.007221	.0020735	7.4294	.0068140
%RSD	12.04028	45.18347	8.087374	7.057655	17.60194	2.125449	2.314484

#1	.1052495	.0318076	.0217115	-.093981	.0105177	355.4737	.2995479
#2	.0914985	.0129028	.0184600	-.106642	.0106490	351.9507	.2969940
#3	.0830003	.0192026	.0201505	-.106330	.0141730	341.2110	.2866779

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0065376	.0187263	185.8201	-.021788	.2274032	.3559923	492.5609
Stddev	.0001807	.0007883	3.7830	.001398	.0014382	.0083488	9.9342
%RSD	2.764008	4.209524	2.035853	6.418083	.6324480	2.345213	2.016855

#1	.0065729	.0181619	188.8916	-.022834	.2268023	.3625357	500.8262
#2	.0066981	.0183901	186.9744	-.022330	.2263629	.3588516	495.3168
#3	.0063419	.0196270	181.5944	-.020199	.2290444	.3465895	481.5397

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	11.28177	119.4955	.0235561	-.017150	4.827606	1.800351	.5527062
Stddev	.23185	2.3474	.0006178	.000206	.070838	.042222	.0078470
%RSD	2.055077	1.964449	2.622694	1.202245	1.467346	2.345227	1.419751

#1	11.46477	121.3784	.0231589	-.016954	4.906554	1.835267	.5608449
#2	11.35948	120.2426	.0242679	-.017131	4.806661	1.812362	.5520863
#3	11.02104	116.8654	.0232415	-.017365	4.769602	1.753425	.5451875

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.037935	9.176119	-.119080	-.002566	.1759142	26.60720	.0161207
Stddev	.051354	.038941	.002095	.001334	.0189576	.54968	.0048740
%RSD	4.947750	.4243788	1.759020	51.97963	10.77662	2.065908	30.23414

#1	1.078055	9.173416	-.120820	-.001222	.1616157	27.10680	.0217008
#2	1.055693	9.138600	-.119665	-.003889	.1687089	26.69644	.0139650
#3	.980059	9.216342	-.116755	-.002587	.1974181	26.01836	.0126963

Sample Name: I1501-11 Acquired: 2/3/2017 15:31:49 Type: Unk
 Method: ISM02.2 INSTRUMENT P5 WITH 6 POINT ICAL(v755) Mode: CONC Corr. Factor: 1.000000
 User: JASWAL Custom ID1: MBDMW1 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	17.82003	.0462574	.3478457
Stddev	.37978	.0015037	.0073286
%RSD	2.131188	3.250615	2.106845

#1	18.14817	.0478087	.3536919
#2	17.90791	.0461571	.3502212
#3	17.40402	.0448065	.3396241

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	82.28807	1541.600	49651.45	11304.36	1847.644
Stddev	.54951	5.945	232.81	199.99	5.098
%RSD	.6677873	.3856560	.4688798	1.769136	.2759292

#1	82.27880	1546.306	49403.72	11138.45	1849.702
#2	81.74326	1543.576	49684.90	11248.20	1851.391
#3	82.84216	1534.918	49865.71	11526.42	1841.838

Sample Name: I1501-12 Acquired: 2/3/2017 15:35:49 Type: Unk
Method: ISM02.2 INSTRUMENT P5 WITH 6 POINT ICAL(v755) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MBDMW2 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1047852	.0328529	.0193563	-.123549	.0117531	434.9113	.8244180
Stddev	.0104563	.0042405	.0071573	.007081	.0016110	3.5994	.0126623
%RSD	9.978809	12.90745	36.97663	5.731152	13.70725	.8276236	1.535901

#1	.0991532	.0360947	.0124499	-.130158	.0135732	436.1883	.8230691
#2	.0983522	.0280540	.0267405	-.124413	.0111761	430.8474	.8124841
#3	.1168503	.0344099	.0188786	-.116076	.0105100	437.6981	.8377007

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0069553	.0219959	195.9242	-.011855	.2784812	.4138058	554.4299
Stddev	.0001985	.0002952	2.4137	.001081	.0002379	.0061597	7.5962
%RSD	2.854434	1.341974	1.231937	9.120454	.0854164	1.488537	1.370094

#1	.0071845	.0220908	196.0291	-.010980	.2786804	.4121862	553.5690
#2	.0068425	.0222320	193.4598	-.011521	.2782178	.4086178	547.3008
#3	.0068388	.0216649	198.2837	-.013063	.2785454	.4206135	562.4199

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	15.38895	147.8440	.0379859	-.018536	7.984588	1.834057	.6486728
Stddev	.22046	2.2239	.0007278	.000913	.178535	.022822	.0117855
%RSD	1.432601	1.504201	1.915907	4.925389	2.235999	1.244359	1.816864

#1	15.37637	147.7351	.0380272	-.019199	8.022470	1.834917	.6439253
#2	15.17505	145.6766	.0372383	-.018915	7.790151	1.810817	.6400014
#3	15.61544	150.1203	.0386921	-.017495	8.141141	1.856437	.6620917

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.4221440	9.143193	-.112751	-.004526	.1950659	13.40292	.0158395
Stddev	.0443489	.004733	.002181	.000137	.0061879	.14238	.0046613
%RSD	10.50563	.0517617	1.934091	3.022046	3.172201	1.062283	29.42816

#1	.4512396	9.148527	-.114593	-.004372	.1982083	13.43835	.0194119
#2	.3711009	9.139499	-.113316	-.004635	.1990520	13.24617	.0175398
#3	.4440915	9.141552	-.110343	-.004570	.1879373	13.52423	.0105668

Sample Name: I1501-12 Acquired: 2/3/2017 15:35:49 Type: Unk
 Method: ISM02.2 INSTRUMENT P5 WITH 6 POINT ICAL(v755) Mode: CONC Corr. Factor: 1.000000
 User: JASWAL Custom ID1: MBDMW2 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	18.38490	.0532102	.8544650
Stddev	.28325	.0008077	.0138013
%RSD	1.540654	1.517847	1.615200

#1	18.34456	.0529525	.8539150
#2	18.12398	.0525629	.8409470
#3	18.68615	.0541153	.8685332

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	81.11793	1550.539	50379.06	11313.43	1824.282
Stddev	1.30871	1.595	170.28	128.36	4.509
%RSD	1.613341	.1028600	.3380011	1.134553	.2471735

#1	81.80000	1552.240	50286.98	11300.63	1827.236
#2	81.94472	1549.077	50575.56	11447.72	1819.092
#3	79.60908	1550.300	50274.65	11191.96	1826.519

Sample Name: I1501-13 Acquired: 2/3/2017 15:39:57 Type: Unk
Method: ISM02.2 INSTRUMENT P5 WITH 6 POINT ICAL(v755) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MBDMW3 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0817292	.0218396	.0141793	-.089294	.0109933	311.0764	.1381863
Stddev	.0027127	.0033052	.0017018	.005423	.0023014	.4647	.0003321
%RSD	3.319152	15.13404	12.00184	6.073685	20.93465	.1493692	.2403593

#1	.0803910	.0230149	.0160853	-.084290	.0129754	310.7854	.1385481
#2	.0848510	.0181074	.0136401	-.095057	.0115350	310.8315	.1381158
#3	.0799455	.0243966	.0128124	-.088535	.0084693	311.6123	.1378951

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0061167	.0108748	81.11842	-.034204	.1519542	.3231172	450.0990
Stddev	.0001121	.0003499	.41931	.000239	.0007918	.0030407	1.6149
%RSD	1.833338	3.217754	.5169153	.6997184	.5210574	.9410629	.3587895

#1	.0060687	.0109733	81.21794	-.034137	.1518470	.3260461	448.3230
#2	.0060365	.0104862	80.65830	-.034006	.1512214	.3199758	450.4948
#3	.0062448	.0111649	81.47902	-.034470	.1527940	.3233298	451.4792

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	6.280208	90.32208	.0169393	-.013189	6.337296	1.501305	.4724531
Stddev	.018883	.21282	.0007403	.000681	.188938	.008853	.0161899
%RSD	.3006813	.2356231	4.370069	5.164829	2.981360	.5896696	3.426776

#1	6.280830	90.08486	.0164922	-.013726	6.312864	1.495699	.4577485
#2	6.261021	90.38511	.0165318	-.012423	6.161762	1.496705	.4898026
#3	6.298772	90.49626	.0177937	-.013419	6.537260	1.511511	.4698081

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0766141	1.174914	-.114365	-.003379	-.059459	9.274049	.0107894
Stddev	.0480217	.001221	.000857	.000276	.008590	.042754	.0039705
%RSD	62.68000	.1038865	.7490434	8.167172	14.44615	.4610038	36.80060

#1	.0950697	1.173505	-.113457	-.003653	-.068834	9.299025	.0123066
#2	.0221024	1.175647	-.114478	-.003382	-.051967	9.224682	.0137776
#3	.1126700	1.175590	-.115159	-.003101	-.057576	9.298439	.0062839

Sample Name: I1501-13 Acquired: 2/3/2017 15:39:57 Type: Unk
Method: ISM02.2 INSTRUMENT P5 WITH 6 POINT ICAL(v755) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MBDMW3 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	2.940151	.0347824	.4430188
Stddev	.007181	.0002015	.0014573
%RSD	.2442406	.5793465	.3289538

#1	2.947546	.0349896	.4439074
#2	2.939701	.0347703	.4413369
#3	2.933205	.0345872	.4438121

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	74.06411	1422.603	45689.89	10140.50	1976.652
Stddev	.74407	7.786	213.29	37.32	10.471
%RSD	1.004627	.5473242	.4668275	.3679982	.5297147

#1	74.77009	1414.683	45445.59	10131.12	1969.026
#2	74.13517	1430.248	45784.99	10181.61	1988.591
#3	73.28706	1422.878	45839.09	10108.77	1972.341

Sample Name: I1501-14 Acquired: 2/3/2017 15:43:59 Type: Unk
Method: ISM02.2 INSTRUMENT P5 WITH 6 POINT ICAL(v755) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MBDMW4 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1121353	.0504307	.0254939	-.147262	.0161618	452.1726	.2805630
Stddev	.0066197	.0111694	.0020136	.012915	.0020400	13.3187	.0051450
%RSD	5.903342	22.14798	7.898230	8.769947	12.62220	2.945490	1.833817

#1	.1057471	.0380888	.0270600	-.161921	.0157972	443.8371	.2758415
#2	.1116944	.0598440	.0261990	-.137561	.0143287	445.1477	.2798011
#3	.1189645	.0533593	.0232226	-.142303	.0183594	467.5331	.2860465

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0092609	.0246552	293.2381	-.031677	.3520683	1.039690	683.7126
Stddev	.0002076	.0007037	5.3252	.001079	.0030695	.019255	12.8500
%RSD	2.241571	2.854334	1.816011	3.407566	.8718407	1.851988	1.879446

#1	.0090701	.0249477	288.9631	-.030629	.3548036	1.022789	675.4758
#2	.0092306	.0251654	291.5479	-.031618	.3526528	1.035630	677.1428
#3	.0094820	.0238523	299.2034	-.032785	.3487487	1.060651	698.5193

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	14.90003	121.7057	.0565657	-.024654	18.99072	2.287456	.6731589
Stddev	.28210	2.3206	.0003646	.000378	.32635	.047312	.0111504
%RSD	1.893308	1.906722	.6444917	1.533249	1.718459	2.068327	1.656424

#1	14.68124	120.1050	.0568682	-.025089	18.71209	2.260359	.6620097
#2	14.80043	120.6450	.0561609	-.024463	18.91032	2.259922	.6731567
#3	15.21842	124.3671	.0566679	-.024410	19.34975	2.342086	.6843104

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.154321	11.81548	-.078804	-.004447	-.127360	6.949096	.0277516
Stddev	.070529	.05621	.002908	.001071	.014242	.110067	.0043770
%RSD	6.110037	.4756923	3.690301	24.09681	11.18231	1.583903	15.77202

#1	1.081269	11.80797	-.078062	-.004509	-.134838	6.871630	.0309410
#2	1.159671	11.87506	-.076339	-.003345	-.110937	6.900571	.0295522
#3	1.222023	11.76341	-.082012	-.005485	-.136305	7.075087	.0227615

Sample Name: I1501-14 Acquired: 2/3/2017 15:43:59 Type: Unk
 Method: ISM02.2 INSTRUMENT P5 WITH 6 POINT ICAL(v755) Mode: CONC Corr. Factor: 1.000000
 User: JASWAL Custom ID1: MBDMW4 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	27.72312	.0596486	.7719523
Stddev	.51807	.0013357	.0141567
%RSD	1.868728	2.239362	1.833876

#1	27.35869	.0582324	.7598187
#2	27.49451	.0598276	.7685325
#3	28.31618	.0608859	.7875055

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	75.37791	1432.567	45636.62	10476.89	1780.216
Stddev	.52987	7.661	325.36	167.17	11.330
%RSD	.7029544	.5347610	.7129267	1.595575	.6364542

#1	75.98921	1428.327	45495.91	10602.74	1774.279
#2	75.09468	1427.963	46008.64	10540.71	1773.088
#3	75.04985	1441.410	45405.30	10287.21	1793.281

Sample Name: I1501-15 Acquired: 2/3/2017 15:48:05 Type: Unk
Method: ISM02.2 INSTRUMENT P5 WITH 6 POINT ICAL(v755) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MBDMW5 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1284679	.0543562	.0923476	-.155465	.0205070	359.2293	.5654409
Stddev	.0185091	.0055934	.0039244	.006148	.0043368	.6896	.0007698
%RSD	14.40758	10.29021	4.249595	3.954642	21.14790	.1919603	.1361334

#1	.1411267	.0532263	.0928321	-.157281	.0172198	358.4900	.5654215
#2	.1370516	.0604282	.0882034	-.148613	.0188789	359.8550	.5662201
#3	.1072253	.0494140	.0960072	-.160500	.0254222	359.3428	.5646810

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0080249	.0262025	185.0495	.0182306	.4007522	.8553685	706.3488
Stddev	.0001377	.0013694	.4598	.0013713	.0130569	.0024089	1.1984
%RSD	1.715486	5.226401	.2484957	7.522071	3.258107	.2816194	.1696544

#1	.0081836	.0254960	184.5236	.0173715	.3972973	.8536618	705.1551
#2	.0079522	.0253306	185.2489	.0198121	.3897702	.8581240	706.3394
#3	.0079387	.0277809	185.3760	.0175082	.4151892	.8543198	707.5518

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	20.94005	147.4877	.2301189	-.022365	22.38083	2.954110	1.026942
Stddev	.03098	.3303	.0061382	.000463	.05050	.002894	.016112
%RSD	.1479617	.2239678	2.667405	2.069433	.2256607	.0979823	1.568952

#1	20.90436	147.1181	.2287884	-.022785	22.33865	2.957424	1.012433
#2	20.96003	147.7541	.2247550	-.022440	22.43680	2.952075	1.024110
#3	20.95575	147.5908	.2368132	-.021869	22.36705	2.952832	1.044282

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	6.505240	11.45232	-.139664	-.005052	-.012505	23.09201	.0242273
Stddev	.034821	.36341	.004568	.000528	.013040	.13068	.0027105
%RSD	.5352726	3.173277	3.270695	10.45931	104.2807	.5659195	11.18783

#1	6.507697	11.35507	-.134714	-.005511	-.017776	22.94124	.0233195
#2	6.469255	11.14742	-.143718	-.004474	-.022083	23.16210	.0272752
#3	6.538766	11.85446	-.140559	-.005172	.002346	23.17270	.0220872

Sample Name: I1501-15 Acquired: 2/3/2017 15:48:05 Type: Unk
 Method: ISM02.2 INSTRUMENT P5 WITH 6 POINT ICAL(v755) Mode: CONC Corr. Factor: 1.000000
 User: JASWAL Custom ID1: MBDMW5 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	25.23067	.0984047	.9619648
Stddev	.04396	.0006839	.0013899
%RSD	.1742384	.6950071	.1444848

#1	25.18006	.0979148	.9607532
#2	25.25247	.0991861	.9634821
#3	25.25946	.0981132	.9616592

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	72.09567	1389.928	45719.05	10213.48	1809.721
Stddev	1.79695	28.913	150.94	47.92	44.556
%RSD	2.492458	2.080152	.3301418	.4691544	2.462013

#1	74.11571	1397.719	45865.57	10268.11	1823.074
#2	71.49631	1414.147	45564.05	10193.75	1846.072
#3	70.67500	1357.918	45727.52	10178.57	1760.015

Sample Name: I1538-04 Acquired: 2/3/2017 15:52:03 Type: Unk
Method: ISM02.2 INSTRUMENT P5 WITH 6 POINT ICAL(v755) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MG9RB3 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0778473	.0051380	.4254604	-.016785	.0041780	71.96464	5.687178
Stddev	.0028602	.0029520	.0051888	.003219	.0009633	.19717	.085887
%RSD	3.674084	57.45359	1.219578	19.17749	23.05589	.2739757	1.510180

#1	.0811188	.0047128	.4309060	-.017223	.0035218	72.08838	5.728253
#2	.0758194	.0082795	.4249014	-.013369	.0037283	71.73726	5.588467
#3	.0766038	.0024217	.4205736	-.019762	.0052839	72.06826	5.744814

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0054673	.0056942	20.86542	.1047126	.1087992	.0960767	123.3365
Stddev	.0000414	.0002405	.00546	.0002088	.0009576	.0005228	.4303
%RSD	.7572229	4.223970	.0261875	.1993894	.8801171	.5441944	.3489075

#1	.0054592	.0059688	20.86608	.1044741	.1092865	.0963775	123.7124
#2	.0055122	.0055210	20.87052	.1048626	.1094151	.0963796	122.8671
#3	.0054306	.0055927	20.85965	.1048009	.1076960	.0954730	123.4299

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	9.594117	11.88518	.0815834	-.003568	.7955034	.2362855	.4517003
Stddev	.019232	.09195	.0009464	.000371	.0265394	.0022139	.0071739
%RSD	.2004522	.7736591	1.160036	10.39562	3.336174	.9369720	1.588190

#1	9.614970	11.98387	.0826749	-.003939	.7741127	.2388362	.4483314
#2	9.590303	11.80192	.0809917	-.003197	.8252032	.2351590	.4599385
#3	9.577079	11.86974	.0810836	-.003568	.7871944	.2348614	.4468309

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.885696	2.584749	-.016492	.0069172	2.689521	7.093841	.0066887
Stddev	.077972	.013548	.000634	.0002429	.015854	.028806	.0007799
%RSD	1.324765	.5241409	3.847082	3.511858	.5894793	.4060760	11.66054

#1	5.968502	2.598827	-.017185	.0067467	2.705977	7.065358	.0057953
#2	5.874905	2.583618	-.016353	.0068095	2.688239	7.122960	.0070366
#3	5.813683	2.571803	-.015939	.0071953	2.674347	7.093207	.0072341

Sample Name: I1538-04 Acquired: 2/3/2017 15:52:03 Type: Unk
 Method: ISM02.2 INSTRUMENT P5 WITH 6 POINT ICAL(v755) Mode: CONC Corr. Factor: 1.000000
 User: JASWAL Custom ID1: MG9RB3 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	1.330710	.0571148	.1773756
Stddev	.006963	.0003221	.0004613
%RSD	.5232518	.5638927	.2600824

#1	1.334129	.0569085	.1777111
#2	1.322699	.0569499	.1775662
#3	1.335303	.0574859	.1768495

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	71.91127	1424.336	46519.90	10010.39	2255.627
Stddev	.38646	11.397	346.73	13.14	18.919
%RSD	.5374146	.8001493	.7453399	.1312959	.8387440

#1	71.71354	1414.810	46144.06	9995.21	2239.118
#2	71.66367	1421.236	46588.33	10017.68	2251.491
#3	72.35659	1436.962	46827.32	10018.26	2276.272

Sample Name: I1538-05 Acquired: 2/3/2017 15:56:13 Type: Unk
Method: ISM02.2 INSTRUMENT P5 WITH 6 POINT ICAL(v755) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MG9RB4 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1220735	.0047489	.8079515	-.039616	.0023544	107.3723
Stddev	.0104528	.0065131	.0041577	.001482	.0010887	.3891
%RSD	8.562710	137.1496	.5145943	3.740136	46.24174	.3623806

#1	.1321207	.0092187	.8127448	-.041135	.0024747	107.7185
#2	.1112575	-.002724	.8057870	-.038175	.0012105	107.4471
#3	.1228424	.007752	.8053225	-.039536	.0033780	106.9512

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F 26.50100	.0088718	.0122390	42.63056	.1430188	.1327375
Stddev	.35200	.0001223	.0000477	.20948	.0022182	.0003582
%RSD	1.328247	1.378126	.3899017	.4913779	1.550982	.2698413

#1	26.87496	.0089748	.0122783	42.75069	.1410371	.1331326
#2	26.45192	.0087367	.0122527	42.75231	.1454150	.1326456
#3	26.17611	.0089040	.0121859	42.38868	.1426044	.1324342

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1827026	196.0132	13.13326	28.56225	.1663009	-.005341
Stddev	.0007285	.3345	.03384	.09783	.0007522	.000126
%RSD	.3987400	.1706472	.2576845	.3425161	.4522944	2.355844

#1	.1834858	196.3853	13.15638	28.67448	.1665000	-.005222
#2	.1820451	195.7376	13.14899	28.49499	.1669335	-.005473
#3	.1825771	195.9167	13.09442	28.51729	.1654692	-.005328

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.152416	.3752974	1.796399	10.15554	3.150093	-.033475
Stddev	.075118	.0018767	.037854	.01520	.011261	.002301
%RSD	6.518346	.5000594	2.107241	.1496931	.3574937	6.873976

#1	1.105432	.3774642	1.813086	10.17310	3.163096	-.032265
#2	1.239052	.3741886	1.823042	10.14679	3.143488	-.036129
#3	1.112763	.3742393	1.753068	10.14674	3.143695	-.032032

Sample Name: I1538-05 Acquired: 2/3/2017 15:56:13 Type: Unk
Method: ISM02.2 INSTRUMENT P5 WITH 6 POINT ICAL(v755) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MG9RB4 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0078608	6.572030	8.460426	.0130274	1.853526	.0686801
Stddev	.0002268	.025130	.056761	.0045687	.005441	.0000607
%RSD	2.884819	.3823820	.6708987	35.07021	.2935737	.0884256

#1	.0081227	6.600842	8.429096	.0182878	1.859742	.0686288
#2	.0077273	6.554635	8.525947	.0107429	1.851208	.0686644
#3	.0077325	6.560613	8.426235	.0100515	1.849627	.0687472

Elem	Sr4077
Units	ppm
Avg	.3589280
Stddev	.0017696
%RSD	.4930253

#1	.3596973
#2	.3601828
#3	.3569039

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	76.92690	1488.037	48426.50	10409.08	2118.858
Stddev	1.88680	5.784	191.26	66.61	8.687
%RSD	2.452723	.3887191	.3949428	.6398884	.4100001

#1	76.84058	1481.529	48632.99	10380.61	2109.467
#2	75.08473	1492.592	48255.43	10361.44	2120.500
#3	78.85537	1489.991	48391.07	10485.19	2126.607

Sample Name: CCV031 Acquired: 2/3/2017 16:00:23 Type: Unk
Method: ISM02.2 INSTRUMENT P5 WITH 6 POINT ICAL(v755) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: CCV031 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.042845	4.827293	24.40571	4.809796	4.901070	396.1388	9.988868
Stddev	.017803	.030374	.03542	.014021	.001607	2.1864	.058121
%RSD	.3530324	.6292099	.1451336	.2915157	.0327817	.5519338	.5818530

#1	5.050823	4.861378	24.44320	4.821817	4.902187	395.2618	9.940886
#2	5.022449	4.817409	24.40113	4.794393	4.899229	398.6276	10.05350
#3	5.055264	4.803092	24.37281	4.813178	4.901794	394.5271	9.97222

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.5064687	2.474111	405.7916	15.16493	2.487538	14.92253	401.4892
Stddev	.0024483	.004842	.8972	.30558	.004796	.07038	1.4371
%RSD	.4834033	.1956966	.2210948	2.015027	.1928184	.4716511	.3579367

#1	.5088597	2.479436	404.9387	15.33079	2.492751	14.88412	400.9203
#2	.5065795	2.472922	406.7274	14.81228	2.486551	15.00376	403.1237
#3	.5039669	2.469974	405.7086	15.35171	2.483311	14.87970	400.4237

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	14.65819	393.2267	2.499844	1.269864	395.1503	2.455860	15.17797
Stddev	.02771	2.0418	.010305	.019008	2.3315	.006218	.26604
%RSD	.1890302	.5192311	.4122184	1.496820	.5900197	.2531737	1.752795

#1	14.64016	392.5843	2.510829	1.279319	394.2433	2.462547	14.90380
#2	14.69009	395.5123	2.498312	1.247983	397.7990	2.454778	15.43505
#3	14.64431	391.5833	2.490391	1.282289	393.4087	2.450254	15.19507

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	151.3417	5.133806	4.806841	4.857865	5.007882	4.911912	4.941950
Stddev	.9292	.014612	.019165	.010870	.015178	.012425	.008040
%RSD	.6139603	.2846214	.3987031	.2237639	.3030901	.2529516	.1626824

#1	151.0176	5.128345	4.827525	4.869912	5.017166	4.922830	4.948431
#2	152.3895	5.122710	4.803314	4.848790	4.990366	4.914514	4.944465
#3	150.6180	5.150361	4.789684	4.854893	5.016115	4.898393	4.932953

Sample Name: CCV031 Acquired: 2/3/2017 16:00:23 Type: Unk
Method: ISM02.2 INSTRUMENT P5 WITH 6 POINT ICAL(v755) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: CCV031 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	4.925827	5.078713	4.983222
Stddev	.021718	.024242	.022456
%RSD	.4408962	.4773250	.4506325

#1	4.917538	5.058287	4.957955
#2	4.950469	5.105502	5.000901
#3	4.909474	5.072350	4.990810

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	58.61475	1127.699	38207.08	8610.977	1679.728
Stddev	1.18417	1.519	643.98	46.944	4.145
%RSD	2.020257	.1346587	1.685498	.5451633	.2467695

#1	59.82161	1126.102	37990.23	8613.041	1675.205
#2	57.45465	1127.869	38931.49	8563.036	1680.633
#3	58.56800	1129.125	37699.51	8656.855	1683.345

Sample Name: CCB031 Acquired: 2/3/2017 16:04:29 Type: Unk
Method: ISM02.2 INSTRUMENT P5 WITH 6 POINT ICAL(v755) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: CCB031 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.002972	.0035520	.0011673	-.000667	-.001154	-.005319	-.000099
Stddev	.003968	.0013117	.0018729	.003543	.000378	.006963	.000301
%RSD	133.4782	36.92995	160.4495	531.4563	32.79680	130.9120	305.9678

#1	-.001010	.0020908	.0008307	.001808	-.000864	.002412	.000054
#2	-.007539	.0046280	.0031856	.000917	-.001016	-.011096	-.000446
#3	-.000368	.0039371	-.000515	-.004725	-.001582	-.007273	.000096

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0000449	.0000405	.0046598	-.000116	-.000223	-.000062	.0028777
Stddev	.0000763	.0001354	.0016317	.000183	.000154	.001581	.0048232
%RSD	169.7560	334.7177	35.01611	157.9252	69.10501	2563.895	167.6089

#1	.0001270	-.000015	.0064380	.000041	-.000048	-.001796	.0010755
#2	-.000024	-.000059	.0043099	-.000072	-.000282	.001297	-.000785
#3	.000032	.000195	.0032314	-.000318	-.000340	.000314	.008343

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0006191	-.007618	.0005558	.0005031	-.102869	-.002368	-.006467
Stddev	.0003894	.028256	.0005167	.0000381	.090578	.000740	.004350
%RSD	62.89857	370.8950	92.97226	7.569490	88.05187	31.26256	67.26959

#1	.0004084	.020896	.0011306	.0004591	-.163112	-.002271	-.003261
#2	.0003805	-.035610	.0004072	.0005252	.001296	-.001681	-.011419
#3	.0010685	-.008142	.0001297	.0005250	-.146792	-.003152	-.004722

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.055059	.0059556	.0042715	.0000836	-.018690	.0012313	-.000595
Stddev	.038841	.0036848	.0014668	.0004157	.002765	.0008412	.000473
%RSD	70.54461	61.87132	34.33969	496.9570	14.79158	68.31664	79.52060

#1	-.098471	.0059098	.0035861	-.000119	-.016413	.0017561	-.000746
#2	-.043107	.0022939	.0059556	-.000192	-.017892	.0002611	-.000973
#3	-.023598	.0096630	.0032729	.000562	-.021766	.0016769	-.000064

Sample Name: CCB031 Acquired: 2/3/2017 16:04:29 Type: Unk
Method: ISM02.2 INSTRUMENT P5 WITH 6 POINT ICAL(v755) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: CCB031 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	-.000304	.0013478	-.000010
Stddev	.000798	.0004975	.000061
%RSD	262.1343	36.91234	608.5444

#1	-.000105	.0012541	-.000055
#2	.000375	.0018855	.000060
#3	-.001183	.0009038	-.000034

Int. Std.	Y_ 2243	Y_ 2243	Y_ 3600	Y_ 3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	66.81667	1363.850	44353.02	8983.300	2406.302
Stddev	3.40306	7.309	530.34	132.490	8.619
%RSD	5.093134	.5359135	1.195734	1.474847	.3581933

#1	66.65000	1355.692	44963.51	9081.800	2396.918
#2	63.50000	1369.801	44006.00	8832.675	2413.865
#3	70.30000	1366.058	44089.56	9035.425	2408.123

Sample Name: I1538-06 Acquired: 2/3/2017 16:08:35 Type: Unk
Method: ISM02.2 INSTRUMENT P5 WITH 6 POINT ICAL(v755) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MG9RB5 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0557735	.0012611	.5610494	-.009140	.0044700	61.72047	1.743842
Stddev	.0042607	.0064982	.0064854	.003644	.0019859	.31423	.010065
%RSD	7.639396	515.2791	1.155941	39.86223	44.42684	.5091257	.5771934

#1	.0524136	.0029003	.5611716	-.007717	.0024310	62.07740	1.755337
#2	.0605659	.0067827	.5545038	-.006423	.0063982	61.48549	1.736606
#3	.0543408	-.005900	.5674728	-.013281	.0045809	61.59853	1.739584

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0043029	.0046586	14.23011	.0887289	.0514341	.0750266	94.96796
Stddev	.0000830	.0001843	.04947	.0019507	.0002641	.0010332	.24174
%RSD	1.928559	3.956285	.3476389	2.198499	.5135428	1.377061	.2545502

#1	.0042193	.0045861	14.26620	.0909534	.0516972	.0747766	95.24658
#2	.0043041	.0045216	14.17372	.0879232	.0511690	.0741415	94.81392
#3	.0043852	.0048682	14.25040	.0873101	.0514360	.0761619	94.84338

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.447410	8.404985	.0613186	-.002118	.7945263	.1875563	.4377586
Stddev	.018496	.015428	.0009809	.000424	.0429971	.0004523	.0031431
%RSD	.3395387	.1835621	1.599705	20.01271	5.411662	.2411570	.7180029

#1	5.468750	8.410221	.0611926	-.002427	.7717257	.1872312	.4375547
#2	5.436004	8.387620	.0604068	-.002291	.8441215	.1880729	.4409987
#3	5.437475	8.417113	.0623564	-.001635	.7677317	.1873650	.4347224

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.972703	2.280673	-.009519	.0058902	2.168466	5.914447	.0087410
Stddev	.033495	.025144	.001893	.0006294	.018691	.051421	.0003568
%RSD	.6735775	1.102490	19.88496	10.68560	.8619613	.8694120	4.082162

#1	5.009302	2.292232	-.010684	.0064437	2.167631	5.951636	.0088406
#2	4.965232	2.251827	-.010537	.0060214	2.150207	5.935938	.0083450
#3	4.943574	2.297958	-.007335	.0052055	2.187561	5.855767	.0090375

Sample Name: I1538-06 Acquired: 2/3/2017 16:08:35 Type: Unk
Method: ISM02.2 INSTRUMENT P5 WITH 6 POINT ICAL(v755) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MG9RB5 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	1.311932	.0468613	.1057541
Stddev	.005074	.0002613	.0005917
%RSD	.3867406	.5576059	.5594647

#1	1.317709	.0470882	.1064342
#2	1.308200	.0465756	.1053586
#3	1.309887	.0469202	.1054693

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	67.94511	1381.437	44876.91	9305.989	2238.394
Stddev	.20851	7.767	896.42	13.497	13.021
%RSD	.3068858	.5622153	1.997502	.1450360	.5816918

#1	68.17728	1374.576	43896.65	9295.843	2231.971
#2	67.77379	1389.869	45079.17	9300.818	2253.378
#3	67.88427	1379.867	45654.92	9321.307	2229.834

Sample Name: I1538-07 Acquired: 2/3/2017 16:12:36 Type: Unk
Method: ISM02.2 INSTRUMENT P5 WITH 6 POINT ICAL(v755) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MG9RB6 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0622361	.0047696	.5156267	-.018089	.0041537	59.73194	3.098919
Stddev	.0119202	.0054304	.0019480	.004654	.0032815	.42548	.022951
%RSD	19.15319	113.8549	.3777962	25.72575	79.00057	.7123221	.7406221

#1	.0496600	.0093417	.5151114	-.013039	.0076001	60.16900	3.124919
#2	.0733689	.0062000	.5177806	-.019023	.0010667	59.31906	3.081471
#3	.0636794	-.001233	.5139881	-.022204	.0037943	59.70774	3.090368

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0043506	.0039425	12.02030	.0976808	.0616706	.0720722	103.8074
Stddev	.0001391	.0000527	.08650	.0016219	.0003768	.0020486	.7360
%RSD	3.196451	1.335847	.7196168	1.660373	.6109817	2.842482	.7090388

#1	.0043175	.0039060	12.12017	.0958260	.0612493	.0743770	104.5144
#2	.0045032	.0039185	11.96899	.0983842	.0617870	.0713814	103.0454
#3	.0042311	.0040029	11.97174	.0988323	.0619754	.0704584	103.8623

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	6.814028	8.873365	.0557716	-.002538	.7998093	.2090336	.5475694
Stddev	.038240	.076167	.0004746	.000157	.0402116	.0013451	.0035626
%RSD	.5611894	.8583802	.8508923	6.194420	5.027647	.6434766	.6506252

#1	6.858026	8.908717	.0556904	-.002413	.8062014	.2105759	.5437848
#2	6.788807	8.925432	.0553428	-.002714	.7567846	.2081038	.5508581
#3	6.795251	8.785946	.0562815	-.002487	.8364420	.2084210	.5480652

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.098881	1.937166	-.015220	.0060445	1.607464	6.515730	.0088895
Stddev	.048223	.023251	.000732	.0000985	.021930	.051155	.0024459
%RSD	1.176499	1.200266	4.811968	1.629718	1.364285	.7850945	27.51503

#1	4.153414	1.930322	-.015550	.0059339	1.603729	6.549357	.0116682
#2	4.061864	1.918105	-.015729	.0060768	1.587640	6.456860	.0070624
#3	4.081364	1.963071	-.014380	.0061228	1.631022	6.540972	.0079378

Sample Name: I1538-07 Acquired: 2/3/2017 16:12:36 Type: Unk
 Method: ISM02.2 INSTRUMENT P5 WITH 6 POINT ICAL(v755) Mode: CONC Corr. Factor: 1.000000
 User: JASWAL Custom ID1: MG9RB6 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	1.398544	.0469477	.0969692
Stddev	.015756	.0009270	.0007509
%RSD	1.126594	1.974454	.7743411

#1	1.415455	.0478921	.0978335
#2	1.384277	.0460393	.0965971
#3	1.395902	.0469118	.0964771

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	68.90770	1398.722	45513.25	9387.670	2255.797
Stddev	.50166	3.280	297.19	50.583	4.006
%RSD	.7280244	.2345158	.6529656	.5388273	.1775848

#1	69.40000	1395.513	45856.40	9335.250	2255.910
#2	68.39717	1398.582	45340.96	9436.191	2259.745
#3	68.92593	1402.069	45342.38	9391.570	2251.736

Sample Name: I1538-08 Acquired: 2/3/2017 16:16:38 Type: Unk
Method: ISM02.2 INSTRUMENT P5 WITH 6 POINT ICAL(v755) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MG9RB7 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0946850	.0062977	1.055916	-.032658	.0051034	87.70866	3.937779
Stddev	.0088406	.0033759	.013073	.007889	.0017423	.66194	.033587
%RSD	9.336840	53.60513	1.238102	24.15646	34.14029	.7546998	.8529523

#1	.0881529	.0024004	1.063182	-.040758	.0055895	88.43703	3.973852
#2	.0911573	.0081755	1.063743	-.032219	.0031696	87.54511	3.932079
#3	.1047448	.0083172	1.040824	-.024998	.0065510	87.14382	3.907407

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0073785	.0114079	15.34468	.1267811	.1660813	.1114425	144.8284
Stddev	.0000406	.0002647	.10331	.0018943	.0016738	.0007048	1.1938
%RSD	.5502498	2.320207	.6732735	1.494166	1.007828	.6324238	.8243184

#1	.0073975	.0113315	15.42014	.1246714	.1670512	.1121184	146.1728
#2	.0073318	.0117024	15.38695	.1273357	.1670442	.1114971	144.4203
#3	.0074061	.0111898	15.22693	.1283363	.1641485	.1107120	143.8922

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	15.78563	12.01253	.1110178	-.004122	.9082908	.3043901	2.172562
Stddev	.13675	.08626	.0013168	.000270	.0661001	.0017986	.031410
%RSD	.8662761	.7180775	1.186091	6.551957	7.277417	.5908799	1.445769

#1	15.90603	12.09809	.1115179	-.003822	.8416402	.3063994	2.207214
#2	15.81390	12.01392	.1120113	-.004346	.9738263	.3029306	2.164510
#3	15.63696	11.92558	.1095243	-.004198	.9094060	.3038403	2.145961

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.704341	2.657263	-.025302	.0064312	2.396246	6.001034	.0082428
Stddev	.077956	.021049	.000698	.0000589	.043851	.069523	.0035662
%RSD	1.366607	.7921133	2.759875	.9162364	1.829979	1.158513	43.26446

#1	5.764651	2.678091	-.024575	.0064099	2.408305	6.077127	.0115320
#2	5.732057	2.657697	-.025365	.0063859	2.432806	5.985140	.0087438
#3	5.616314	2.636001	-.025967	.0064978	2.347628	5.940834	.0044526

Sample Name: I1538-08 Acquired: 2/3/2017 16:16:38 Type: Unk
 Method: ISM02.2 INSTRUMENT P5 WITH 6 POINT ICAL(v755) Mode: CONC Corr. Factor: 1.000000
 User: JASWAL Custom ID1: MG9RB7 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	1.196904	.0550466	.1164797
Stddev	.007145	.0001874	.0009532
%RSD	.5969253	.3405142	.8183727

#1	1.205061	.0548335	.1174267
#2	1.193895	.0551862	.1164919
#3	1.191756	.0551199	.1155204

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	75.70774	1481.724	48157.77	10180.85	2209.219
Stddev	1.83597	18.233	306.65	85.65	30.605
%RSD	2.425081	1.230555	.6367542	.8413156	1.385345

#1	73.74226	1475.696	48505.10	10089.81	2198.691
#2	76.00239	1467.268	48043.74	10192.90	2185.268
#3	77.37857	1502.208	47924.48	10259.84	2243.699

Sample Name: I1538-09 Acquired: 2/3/2017 16:20:40 Type: Unk
Method: ISM02.2 INSTRUMENT P5 WITH 6 POINT ICAL(v755) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MG9RB8 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1147917	.0134357	.4659868	-.026561	.0037243	104.4330	5.763903
Stddev	.0044955	.0052733	.0090549	.008897	.0028383	.8103	.064742
%RSD	3.916188	39.24824	1.943167	33.49758	76.21095	.7759345	1.123227

#1	.1158077	.0137133	.4592450	-.019390	.0012275	105.2421	5.824074
#2	.1186921	.0080291	.4624367	-.023776	.0068113	104.4356	5.772236
#3	.1098751	.0185647	.4762789	-.036518	.0031340	103.6215	5.695398

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0074343	.0058355	16.21170	.1467860	.1513781	.1475442	177.8448
Stddev	.0000901	.0002461	.11336	.0011720	.0025090	.0012078	1.4742
%RSD	1.212118	4.217194	.6992710	.7984542	1.657443	.8185948	.8289285

#1	.0073679	.0058682	16.33104	.1464990	.1510326	.1470515	178.9670
#2	.0075369	.0055747	16.19861	.1480749	.1490598	.1489204	178.3922
#3	.0073982	.0060636	16.10545	.1457841	.1540420	.1466606	176.1752

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	14.80546	17.45494	.1345606	-.004774	.9843610	.3307767	.5264999
Stddev	.09642	.06642	.0032296	.000275	.0479443	.0039605	.0052023
%RSD	.6512256	.3805046	2.400121	5.753975	4.870604	1.197321	.9880870

#1	14.88143	17.52614	.1322710	-.004465	1.024076	.3343640	.5253131
#2	14.83795	17.44402	.1331562	-.004990	.931101	.3314395	.5321930
#3	14.69699	17.39466	.1382547	-.004866	.997906	.3265267	.5219936

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	8.049325	2.570097	-.029358	.0080415	1.850219	9.467326	.0086789
Stddev	.064584	.043145	.003240	.0001886	.030859	.089329	.0008917
%RSD	.8023515	1.678713	11.03521	2.345245	1.667868	.9435524	10.27474

#1	8.122196	2.541668	-.033094	.0080120	1.826186	9.566280	.0097053
#2	8.026614	2.548880	-.027663	.0082431	1.839453	9.443064	.0080949
#3	7.999164	2.619741	-.027318	.0078694	1.885020	9.392634	.0082364

Sample Name: I1538-09 Acquired: 2/3/2017 16:20:40 Type: Unk
 Method: ISM02.2 INSTRUMENT P5 WITH 6 POINT ICAL(v755) Mode: CONC Corr. Factor: 1.000000
 User: JASWAL Custom ID1: MG9RB8 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	1.844356	.0706415	.1742083
Stddev	.015557	.0001495	.0013711
%RSD	.8435171	.2116760	.7870218

#1	1.860642	.0704712	.1757430
#2	1.842780	.0707510	.1737779
#3	1.829647	.0707025	.1731041

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	74.55004	1445.849	47684.49	9997.128	2136.788
Stddev	.52617	17.405	370.00	82.370	29.672
%RSD	.7057885	1.203818	.7759409	.8239352	1.388613

#1	74.61646	1450.533	47718.90	9915.421	2147.278
#2	73.99382	1460.433	47298.48	9995.816	2159.789
#3	75.03985	1426.581	48036.08	10080.15	2103.296

Sample Name: I1538-10 Acquired: 2/3/2017 16:24:52 Type: Unk
Method: ISM02.2 INSTRUMENT P5 WITH 6 POINT ICAL(v755) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MG9RB9 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1280213	.0000204	.4982415	-.028301	.0037979	111.2712	6.092505
Stddev	.0082142	.0016626	.0052689	.001810	.0014571	2.2195	.132420
%RSD	6.416253	8165.822	1.057494	6.394329	38.36682	1.994682	2.173492

#1	.1345515	.0015820	.5042909	-.026801	.0021367	112.5397	6.101921
#2	.1187989	.0002068	.4946555	-.030311	.0048598	112.5656	6.219966
#3	.1307135	-.001728	.4957781	-.027793	.0043971	108.7084	5.955628

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0079975	.0063718	17.61286	.1638477	.1569867	.1568454	188.5989
Stddev	.0002061	.0001204	.29408	.0006594	.0006280	.0018729	3.5129
%RSD	2.577149	1.889327	1.669682	.4024495	.4000505	1.194096	1.862644

#1	.0080483	.0064978	17.74946	.1636081	.1562678	.1582905	190.3925
#2	.0081735	.0062579	17.81380	.1633416	.1574284	.1575162	190.8529
#3	.0077708	.0063598	17.27532	.1645934	.1572640	.1547294	184.5512

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	15.47433	18.61504	.1373207	-.005892	1.044899	.3509351	.5678492
Stddev	.27790	.30804	.0006011	.000237	.014200	.0092222	.0163282
%RSD	1.795901	1.654787	.4377305	4.016907	1.358958	2.627894	2.875448

#1	15.63522	18.76350	.1371667	-.005751	1.049961	.3595683	.5801317
#2	15.63433	18.82074	.1379838	-.005759	1.055873	.3520175	.5740961
#3	15.15344	18.26089	.1368116	-.006165	1.028861	.3412194	.5493199

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	8.472192	2.787327	-.034531	.0088035	2.061856	9.115009	.0092069
Stddev	.190250	.007581	.003047	.0001756	.008878	.172950	.0025332
%RSD	2.245577	.2719715	8.823862	1.994428	.4305900	1.897417	27.51388

#1	8.595141	2.779159	-.038009	.0089991	2.072097	9.243127	.0119594
#2	8.568379	2.794136	-.032333	.0087519	2.057143	9.183619	.0086879
#3	8.253054	2.788686	-.033250	.0086595	2.056328	8.918282	.0069734

Sample Name: I1538-10 Acquired: 2/3/2017 16:24:52 Type: Unk
Method: ISM02.2 INSTRUMENT P5 WITH 6 POINT ICAL(v755) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MG9RB9 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	1.819216	.0741358	.1866388
Stddev	.038305	.0018168	.0035137
%RSD	2.105602	2.450664	1.882596

#1	1.844229	.0745094	.1884149
#2	1.838302	.0757368	.1889099
#3	1.775117	.0721612	.1825917

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	76.86135	1491.485	48632.91	10440.19	2182.754
Stddev	2.53300	1.321	20.20	196.81	2.696
%RSD	3.295551	.0885506	.0415321	1.885100	.1235290

#1	75.34930	1490.764	48616.51	10338.35	2179.758
#2	75.44910	1490.682	48655.47	10315.17	2183.521
#3	79.78564	1493.009	48626.76	10667.05	2184.984

Sample Name: I1538-11 Acquired: 2/3/2017 16:29:04 Type: Unk
Method: ISM02.2 INSTRUMENT P5 WITH 6 POINT ICAL(v755) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MG9RC0 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0660292	.0043619	.4685859	-.013709	.0007369	56.60900	13.03104
Stddev	.0106850	.0085532	.0010323	.008614	.0050950	.02424	.04179
%RSD	16.18230	196.0860	.2203073	62.83224	691.4449	.0428224	.3207058

#1	.0760125	.0027004	.4688371	-.016103	.0062911	56.63218	13.07649
#2	.0673161	.0136240	.4694694	-.004152	-.003720	56.61100	12.99427
#3	.0547590	-.003239	.4674511	-.020872	-.000360	56.58382	13.02235

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0045407	.0048668	173.8873	.0903621	.0855357	.0792612	99.84996
Stddev	.0001179	.0001332	.3765	.0008107	.0004297	.0001816	.19852
%RSD	2.595477	2.736547	.2165384	.8971289	.5023329	.2291074	.1988221

#1	.0046666	.0050112	174.2737	.0901869	.0850522	.0793970	99.63445
#2	.0045226	.0047488	173.8669	.0896534	.0856812	.0793316	99.89007
#3	.0044330	.0048403	173.5214	.0912461	.0858737	.0790549	100.0254

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	6.168613	96.68263	.0656438	-.002631	.9842751	.1967781	.5413783
Stddev	.017192	.19371	.0013185	.000371	.0746606	.0026220	.0168840
%RSD	.2787014	.2003610	2.008588	14.09840	7.585335	1.332462	3.118704

#1	6.181848	96.54201	.0670343	-.002257	1.068623	.1996887	.5243210
#2	6.174810	96.60230	.0644116	-.002999	.957539	.1946010	.5417305
#3	6.149182	96.90359	.0654855	-.002638	.926664	.1960445	.5580835

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.091961	2.046233	-.005284	.0053791	4.401152	5.644718	.0024846
Stddev	.019242	.019111	.001804	.0007564	.023458	.009717	.0023072
%RSD	.4702364	.9339818	34.14333	14.06225	.5330067	.1721448	92.85761

#1	4.096757	2.024666	-.003933	.0062500	4.405958	5.640064	.0006976
#2	4.108351	2.052964	-.004585	.0050005	4.375663	5.638204	.0016670
#3	4.070775	2.061068	-.007333	.0048867	4.421836	5.655887	.0050893

Sample Name: I1538-11 Acquired: 2/3/2017 16:29:04 Type: Unk
 Method: ISM02.2 INSTRUMENT P5 WITH 6 POINT ICAL(v755) Mode: CONC Corr. Factor: 1.000000
 User: JASWAL Custom ID1: MG9RC0 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	1.251777	.0479703	.2639657
Stddev	.005602	.0003824	.0004383
%RSD	.4475538	.7971470	.1660609

#1	1.250491	.0476476	.2640904
#2	1.257911	.0483927	.2643282
#3	1.246930	.0478707	.2634786

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	69.89037	1356.695	44362.68	9691.144	2074.572
Stddev	2.00403	4.263	159.47	11.661	7.420
%RSD	2.867387	.3142419	.3594707	.1203268	.3576705

#1	71.97802	1354.545	44193.38	9678.047	2070.626
#2	69.71106	1361.605	44510.06	9694.986	2083.131
#3	67.98202	1353.934	44384.59	9700.400	2069.959

Sample Name: I1538-12 Acquired: 2/3/2017 16:33:15 Type: Unk
Method: ISM02.2 INSTRUMENT P5 WITH 6 POINT ICAL(v755) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MG9RC1 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0831868	.0097435	1.048160	-.026515	.0066245	72.56733
Stddev	.0066544	.0027435	.004106	.009785	.0008254	1.25064
%RSD	7.999402	28.15715	.3917802	36.90405	12.45928	1.723419

#1	.0771985	.0081466	1.052862	-.025655	.0057357	71.17430
#2	.0903507	.0129113	1.046338	-.017188	.0073667	73.59353
#3	.0820112	.0081724	1.045279	-.036702	.0067712	72.93416

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F 58.58583	.0058796	.0054105	20.42725	.1177798	.1045705
Stddev	.70015	.0000713	.0001165	.33337	.0001327	.0004166
%RSD	1.195081	1.212201	2.152727	1.631973	.1126944	.3983682

#1	57.79066	.0059444	.0052900	20.04334	.1176465	.1050364
#2	59.10984	.0058033	.0054190	20.64358	.1179120	.1042341
#3	58.85699	.0058911	.0055224	20.59483	.1177808	.1044408

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1312084	130.0058	11.93410	13.67178	.0968314	-.003817
Stddev	.0017767	2.2067	.17720	.24229	.0005425	.000389
%RSD	1.354107	1.697403	1.484820	1.772193	.5602170	10.18245

#1	.1294882	127.6199	11.73028	13.41703	.0974057	-.004117
#2	.1330367	131.9735	12.05158	13.89931	.0963277	-.003957
#3	.1311004	130.4241	12.02043	13.69901	.0967607	-.003378

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.9984412	.2675828	.9722431	5.071943	2.095770	-.024357
Stddev	.0136292	.0062232	.0463225	.106033	.015679	.002650
%RSD	1.365052	2.325702	4.764498	2.090572	.7481417	10.88066

#1	.9898065	.2609916	.9270342	4.951904	2.113042	-.022070
#2	.9913639	.2733574	.9700909	5.111080	2.082432	-.027261
#3	1.014153	.2683994	1.019604	5.152843	2.091835	-.023739

Sample Name: I1538-12 Acquired: 2/3/2017 16:33:15 Type: Unk
Method: ISM02.2 INSTRUMENT P5 WITH 6 POINT ICAL(v755) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MG9RC1 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0056190	13.33720	5.104339	.0088286	1.269907	.0431615
Stddev	.0009547	.08347	.069018	.0030833	.015743	.0010006
%RSD	16.99024	.6258512	1.352136	34.92331	1.239694	2.318343

#1	.0050087	13.41569	5.024663	.0081177	1.254273	.0420142
#2	.0051291	13.24951	5.142670	.0122052	1.285757	.0436166
#3	.0067192	13.34641	5.145683	.0061629	1.269692	.0438537

Elem	Sr4077
Units	ppm
Avg	.5691374
Stddev	.0103266
%RSD	1.814434

#1	.5573262
#2	.5764613
#3	.5736246

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	74.08095	1440.139	47265.67	10043.23	2201.774
Stddev	3.46967	6.577	179.26	173.48	7.617
%RSD	4.683626	.4566607	.3792626	1.727350	.3459493

#1	76.95951	1432.875	47414.36	10236.11	2194.527
#2	75.05497	1445.688	47316.04	9899.96	2209.714
#3	70.22836	1441.855	47066.62	9993.62	2201.081

Sample Name: I1538-13 Acquired: 2/3/2017 16:37:26 Type: Unk
Method: ISM02.2 INSTRUMENT P5 WITH 6 POINT ICAL(v755) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MG9RC2 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0740228	.0054656	.5020819	-.020564	.0008379	69.26615	2.120615
Stddev	.0034335	.0011823	.0076137	.010755	.0036167	.47535	.011435
%RSD	4.638415	21.63096	1.516418	52.30018	431.6612	.6862663	.5392493

#1	.0757034	.0052756	.5108398	-.023548	.0049234	69.80872	2.133389
#2	.0700727	.0043899	.4983676	-.008632	-.001954	69.06680	2.117123
#3	.0762922	.0067314	.4970383	-.029512	-.000455	68.92294	2.111332

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0054912	.0061065	22.60500	.1041818	.0937908	.0927299	115.5392
Stddev	.0001925	.0002066	.12055	.0008644	.0011101	.0008802	.6805
%RSD	3.505783	3.383564	.5332894	.8296621	1.183630	.9491941	.5889397

#1	.0057028	.0062766	22.74318	.1031908	.0946891	.0937456	116.3222
#2	.0053263	.0061662	22.55052	.1047799	.0941335	.0921911	115.2045
#3	.0054445	.0058766	22.52131	.1045747	.0925497	.0922529	115.0909

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	9.237219	11.76701	.0759415	-.003480	.8124053	.2329784	.6276364
Stddev	.047996	.13435	.0001306	.000316	.1269125	.0026410	.0312766
%RSD	.5195934	1.141750	.1720113	9.067639	15.62182	1.133577	4.983228

#1	9.292637	11.90516	.0758874	-.003118	.9582705	.2358194	.6566636
#2	9.209004	11.63682	.0758466	-.003691	.7516908	.2305981	.6317318
#3	9.210015	11.75905	.0760904	-.003632	.7272545	.2325177	.5945139

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.467237	2.588493	-.014734	.0073397	2.167878	6.162323	.0097130
Stddev	.050240	.023934	.001927	.0003225	.019932	.064591	.0013939
%RSD	.9189249	.9246289	13.07855	4.393721	.9194462	1.048156	14.35107

#1	5.499989	2.616082	-.015110	.0070206	2.188970	6.225638	.0113189
#2	5.492328	2.576114	-.012647	.0076655	2.165311	6.164804	.0088165
#3	5.409394	2.573284	-.016446	.0073329	2.149354	6.096528	.0090035

Sample Name: I1538-13 Acquired: 2/3/2017 16:37:26 Type: Unk
 Method: ISM02.2 INSTRUMENT P5 WITH 6 POINT ICAL(v755) Mode: CONC Corr. Factor: 1.000000
 User: JASWAL Custom ID1: MG9RC2 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	1.204048	.0496282	.1038184
Stddev	.009935	.0008630	.0009173
%RSD	.8251066	1.738953	.8835604

#1	1.214389	.0504717	.1048632
#2	1.203179	.0487469	.1034472
#3	1.194577	.0496661	.1031449

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	71.77515	1416.084	46525.34	9890.762	2196.560
Stddev	2.64140	11.404	61.11	49.530	17.016
%RSD	3.680098	.8052855	.1313485	.5007657	.7746844

#1	69.80000	1404.261	46575.58	9835.625	2180.235
#2	70.75000	1416.975	46543.12	9905.175	2195.253
#3	74.77545	1427.016	46457.31	9931.487	2214.192

Sample Name: I1538-14 Acquired: 2/3/2017 16:41:28 Type: Unk
Method: ISM02.2 INSTRUMENT P5 WITH 6 POINT ICAL(v755) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MG9RC3 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1144059	.0046682	.7730259	-.028498	.0071369	87.43667	9.846915
Stddev	.0061270	.0038234	.0119475	.003706	.0021056	1.52504	.135664
%RSD	5.355514	81.90225	1.545556	13.00485	29.50343	1.744163	1.377727

#1	.1123448	.0063402	.7596332	-.027580	.0075263	88.50391	9.903944
#2	.1095752	.0073707	.7768550	-.025337	.0090206	88.11611	9.944755
#3	.1212977	.0002936	.7825895	-.032577	.0048637	85.69000	9.692046

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0083487	.0087048	25.86620	.1306366	.1541566	.1323723	159.5331
Stddev	.0000993	.0004173	.47489	.0008891	.0033106	.0019486	2.9001
%RSD	1.189896	4.793798	1.835938	.6805587	2.147578	1.472058	1.817886

#1	.0082814	.0084323	26.15461	.1310655	.1507897	.1344884	161.3760
#2	.0084628	.0084969	26.12588	.1296144	.1542722	.1319766	161.0331
#3	.0083018	.0091852	25.31810	.1312298	.1574079	.1306519	156.1902

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	18.12752	14.20066	.1393303	-.005096	1.012612	.3207292	.7904192
Stddev	.33985	.21778	.0016434	.000260	.050512	.0074086	.0222287
%RSD	1.874778	1.533564	1.179460	5.103492	4.988285	2.309917	2.812264

#1	18.32002	14.29176	.1378146	-.004919	.967837	.3266841	.8026237
#2	18.32743	14.35808	.1390994	-.004973	1.002629	.3230708	.8038720
#3	17.73512	13.95212	.1410769	-.005394	1.067370	.3124328	.7647619

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	7.667313	3.524900	-.020188	.0072333	3.067101	7.508047	.0105148
Stddev	.164989	.066015	.001012	.0006560	.065559	.101982	.0019819
%RSD	2.151847	1.872823	5.013671	9.068790	2.137479	1.358297	18.84894

#1	7.785586	3.451456	-.019037	.0064885	2.998692	7.516739	.0108084
#2	7.737521	3.543945	-.020586	.0074864	3.073232	7.605404	.0084024
#3	7.478832	3.579299	-.020940	.0077250	3.129379	7.401997	.0123334

Sample Name: I1538-14 Acquired: 2/3/2017 16:41:28 Type: Unk
Method: ISM02.2 INSTRUMENT P5 WITH 6 POINT ICAL(v755) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MG9RC3 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	1.555952	.0564064	.2430444
Stddev	.027766	.0011646	.0038469
%RSD	1.784476	2.064743	1.582805

#1	1.571262	.0574361	.2459322
#2	1.572692	.0566407	.2445237
#3	1.523902	.0551424	.2386775

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	78.08527	1511.488	50089.03	10675.26	2188.329
Stddev	2.10779	17.773	228.79	153.87	33.413
%RSD	2.699344	1.175866	.4567682	1.441394	1.526886

#1	76.14340	1529.452	49910.78	10580.51	2221.576
#2	77.78553	1511.100	50347.02	10592.46	2188.660
#3	80.32689	1493.912	50009.29	10852.80	2154.752

Sample Name: I1538-15 Acquired: 2/3/2017 16:45:39 Type: Unk
Method: ISM02.2 INSTRUMENT P5 WITH 6 POINT ICAL(v755) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MG9RC4 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1083773	.0035509	.6144961	-.026540	.0055114	87.08028	7.714820
Stddev	.0074800	.0045000	.0128423	.008622	.0030855	.71880	.135240
%RSD	6.901778	126.7266	2.089890	32.48649	55.98295	.8254401	1.752984

#1	.1167026	-.001566	.6291999	-.034348	.0043421	86.35862	7.591359
#2	.1022229	.005325	.6054789	-.017287	.0090106	87.08604	7.693739
#3	.1062064	.006893	.6088094	-.027985	.0031816	87.79618	7.859362

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0077618	.0067383	24.88055	.1181955	.2109490	.1343699	156.0707
Stddev	.0001834	.0002955	.18928	.0011045	.0041582	.0026287	1.3781
%RSD	2.362416	4.385257	.7607669	.9344976	1.971171	1.956341	.8830081

#1	.0075797	.0070530	24.66716	.1183235	.2157491	.1323974	154.5738
#2	.0079464	.0066953	24.94627	.1170326	.2084542	.1333582	156.3514
#3	.0077592	.0064667	25.02821	.1192305	.2086435	.1373542	157.2869

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	20.40046	15.08004	.1475638	-.005059	1.038686	.2819217	.5779142
Stddev	.15294	.13460	.0029250	.000260	.116087	.0038251	.0136990
%RSD	.7497003	.8925774	1.982206	5.135519	11.17637	1.356796	2.370412

#1	20.22813	14.92523	.1508592	-.005339	.904656	.2782622	.5832582
#2	20.45316	15.16945	.1452749	-.004826	1.103917	.2816096	.5881356
#3	20.52008	15.14542	.1465573	-.005013	1.107486	.2858933	.5623487

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	7.700585	3.786934	-.024284	.0074902	3.306581	5.074974	.0082704
Stddev	.073885	.059564	.002718	.0003435	.061921	.020899	.0024521
%RSD	.9594740	1.572884	11.19211	4.585371	1.872665	.4117960	29.64862

#1	7.616926	3.848770	-.027059	.0078598	3.378063	5.064600	.0069546
#2	7.727930	3.729937	-.021627	.0071810	3.272236	5.061292	.0110995
#3	7.756900	3.782096	-.024167	.0074298	3.269444	5.099029	.0067572

Sample Name: I1538-15 Acquired: 2/3/2017 16:45:39 Type: Unk
 Method: ISM02.2 INSTRUMENT P5 WITH 6 POINT ICAL(v755) Mode: CONC Corr. Factor: 1.000000
 User: JASWAL Custom ID1: MG9RC4 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	1.596952	.0618842	.2739193
Stddev	.009592	.0003053	.0021994
%RSD	.6006540	.4932601	.8029339

#1	1.587082	.0620230	.2716949
#2	1.597535	.0615342	.2739702
#3	1.606240	.0620954	.2760928

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	74.99144	1485.403	49236.35	10451.59	2191.942
Stddev	1.71842	19.401	570.32	68.04	34.528
%RSD	2.291490	1.306089	1.158337	.6510045	1.575214

#1	74.76005	1463.216	48906.28	10529.82	2152.081
#2	73.40044	1493.810	49894.90	10406.19	2211.206
#3	76.81383	1499.181	48907.87	10418.75	2212.541

Sample Name: I1538-16 Acquired: 2/3/2017 16:49:48 Type: Unk
Method: ISM02.2 INSTRUMENT P5 WITH 6 POINT ICAL(v755) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MG9RC5 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0824970	.0076456	.5265315	-.020343	.0037754	84.34990	6.964219
Stddev	.0050867	.0034863	.0054334	.004574	.0031859	.39758	.054701
%RSD	6.165936	45.59863	1.031925	22.48258	84.38592	.4713510	.7854510

#1	.0784528	.0074151	.5207146	-.017457	.0065736	84.32698	7.015365
#2	.0808301	.0112413	.5274039	-.017955	.0003081	83.96427	6.906549
#3	.0882080	.0042802	.5314759	-.025616	.0044445	84.75845	6.970742

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0073675	.0084794	22.09983	.1156138	.1556881	.1049038	132.3474
Stddev	.0000590	.0001575	.18213	.0012959	.0019410	.0008070	.5487
%RSD	.8002503	1.857659	.8241285	1.120922	1.246714	.7692937	.4145843

#1	.0074061	.0082979	22.18491	.1170167	.1535612	.1056355	132.8858
#2	.0073969	.0085603	21.89073	.1153635	.1561397	.1040382	131.7890
#3	.0072997	.0085801	22.22385	.1144613	.1573635	.1050377	132.3674

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	13.79878	12.41304	.1153393	-.003845	.7911027	.2390433	.6661883
Stddev	.09517	.04881	.0010747	.000048	.0330473	.0031726	.0136154
%RSD	.6897280	.3931996	.9317815	1.235997	4.177372	1.327230	2.043773

#1	13.83257	12.46937	.1141737	-.003876	.7733706	.2410345	.6715641
#2	13.69133	12.38654	.1155534	-.003867	.8292314	.2353846	.6762951
#3	13.87246	12.38322	.1162908	-.003790	.7707062	.2407108	.6507057

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.670654	3.366983	-.021425	.0067035	2.950599	6.406319	.0135722
Stddev	.060619	.033123	.000989	.0001200	.049247	.024979	.0007156
%RSD	1.068995	.9837651	4.617580	1.789992	1.669065	.3899104	5.272322

#1	5.655090	3.329840	-.022368	.0066336	2.894176	6.420182	.0136217
#2	5.619335	3.377652	-.020395	.0068421	2.972679	6.377483	.0128331
#3	5.737538	3.393458	-.021512	.0066349	2.984943	6.421292	.0142617

Sample Name: I1538-16 Acquired: 2/3/2017 16:49:48 Type: Unk
Method: ISM02.2 INSTRUMENT P5 WITH 6 POINT ICAL(v755) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MG9RC5 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	1.265855	.0600391	.2461003
Stddev	.005840	.0007299	.0014604
%RSD	.4613654	1.215766	.5934131

#1	1.259123	.0602209	.2464107
#2	1.269561	.0592355	.2445097
#3	1.268882	.0606610	.2473806

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	75.42195	1439.895	48090.72	10295.25	2176.354
Stddev	1.02180	8.828	298.39	66.38	17.332
%RSD	1.354772	.6131145	.6204721	.6447758	.7963551

#1	76.04895	1449.955	47791.31	10243.76	2196.115
#2	74.24288	1436.291	48092.79	10370.17	2169.215
#3	75.97403	1433.439	48388.07	10271.83	2163.733

Sample Name: I1538-17 Acquired: 2/3/2017 16:53:57 Type: Unk
Method: ISM02.2 INSTRUMENT P5 WITH 6 POINT ICAL(v755) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MG9RC6 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.2826441	.0154985	2.350419	-.071369	.0133227	94.03513
Stddev	.0056922	.0035577	.008631	.006721	.0018540	.67834
%RSD	2.013895	22.95529	.3672084	9.417440	13.91613	.7213672

#1	.2762028	.0116972	2.343752	-.076707	.0122560	93.84368
#2	.2847323	.0160501	2.347338	-.073578	.0122486	94.78862
#3	.2869972	.0187482	2.360168	-.063821	.0154635	93.47309

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F 41.75913	.0107273	.0128769	7.553379	.2128556	.0906220
Stddev	.27262	.0000257	.0003797	.110717	.0021249	.0005998
%RSD	.6528459	.2393569	2.949060	1.465798	.9982693	.6618270

#1	41.83991	.0107089	.0128056	7.520125	.2151920	.0899460
#2	41.98224	.0107567	.0125379	7.676913	.2123361	.0910905
#3	41.45525	.0107164	.0132873	7.463100	.2110386	.0908295

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.3435948	428.4004	5.788272	6.913371	.2376350	-.011030
Stddev	.0051991	3.1493	.060021	.118475	.0018967	.000732
%RSD	1.513135	.7351402	1.036942	1.713708	.7981489	6.637493

#1	.3427745	426.1103	5.757269	6.797285	.2354463	-.011869
#2	.3491552	431.9919	5.857454	7.034098	.2386608	-.010705
#3	.3388547	427.0990	5.750093	6.908730	.2387979	-.010517

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.187983	.5341599	9.026966	4.007182	2.648092	-.117977
Stddev	.089271	.0093388	.027324	.099609	.025225	.001804
%RSD	4.080060	1.748313	.3026896	2.485749	.9525798	1.529333

#1	2.149222	.5321976	9.058269	3.962021	2.635336	-.119914
#2	2.124643	.5443240	9.014731	4.121372	2.631793	-.117674
#3	2.290083	.5259582	9.007897	3.938153	2.677148	-.116344

Sample Name: I1538-17 Acquired: 2/3/2017 16:53:57 Type: Unk
Method: ISM02.2 INSTRUMENT P5 WITH 6 POINT ICAL(v755) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MG9RC6 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0074124	9.261827	6.024975	.0174784	1.566852	.0406749
Stddev	.0006030	.070736	.052368	.0011729	.008527	.0003038
%RSD	8.135199	.7637392	.8691817	6.710583	.5441847	.7469736

#1	.0076842	9.193748	6.029203	.0162192	1.561859	.0404230
#2	.0078316	9.256782	6.075100	.0176763	1.576697	.0405894
#3	.0067213	9.334950	5.970621	.0185399	1.562000	.0410123

Elem	Sr4077
Units	ppm
Avg	.2664547
Stddev	.0022170
%RSD	.8320549

#1	.2658159
#2	.2689210
#3	.2646271

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	73.19390	1418.323	45592.40	9946.274	2200.747
Stddev	.18299	11.786	502.50	82.158	16.681
%RSD	.2500126	.8310151	1.102160	.8260207	.7579495

#1	73.10000	1431.145	45124.59	9990.100	2218.562
#2	73.40479	1415.866	45529.05	9851.496	2198.180
#3	73.07692	1407.959	46123.58	9997.228	2185.498

Sample Name: I1538-18 Acquired: 2/3/2017 16:58:05 Type: Unk
Method: ISM02.2 INSTRUMENT P5 WITH 6 POINT ICAL(v755) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MG9RC7 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.2906372	.0146089	2.541248	-.079888	.0160568	95.99487
Stddev	.0125565	.0033022	.004633	.011893	.0012353	.74440
%RSD	4.320348	22.60373	.1823148	14.88729	7.693403	.7754591

#1	.3049634	.0156856	2.536802	-.091628	.0162598	95.58538
#2	.2815410	.0172383	2.546048	-.067848	.0171781	96.85412
#3	.2854073	.0109028	2.540893	-.080189	.0147326	95.54512

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F 31.32562	.0120580	.0137612	7.765101	.2618090	.0992481
Stddev	.29492	.0000825	.0001313	.137735	.0041385	.0004034
%RSD	.9414654	.6839382	.9542234	1.773768	1.580724	.4064464

#1	31.06829	.0121484	.0139031	7.643865	.2643254	.0989513
#2	31.64745	.0120389	.0136440	7.914867	.2640689	.0997074
#3	31.26113	.0119868	.0137365	7.736573	.2570326	.0990857

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.3732687	462.2845	6.169363	7.261654	.2425418	-.011078
Stddev	.0034507	3.7250	.040449	.060451	.0018177	.000384
%RSD	.9244592	.8057911	.6556370	.8324639	.7494440	3.466939

#1	.3702974	461.0715	6.157002	7.274703	.2406053	-.011518
#2	.3770535	466.4649	6.214550	7.314516	.2428087	-.010904
#3	.3724553	459.3172	6.136538	7.195745	.2442112	-.010811

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.172900	.6012689	9.401528	3.912988	2.859923	-.132984
Stddev	.091417	.0084579	.068273	.069152	.005075	.002482
%RSD	4.207159	1.406674	.7261941	1.767250	.1774392	1.866078

#1	2.232913	.5977892	9.398428	3.934384	2.861912	-.133026
#2	2.067687	.6109115	9.334857	3.968914	2.854155	-.135444
#3	2.218100	.5951059	9.471298	3.835667	2.863701	-.130481

Sample Name: I1538-18 Acquired: 2/3/2017 16:58:05 Type: Unk
Method: ISM02.2 INSTRUMENT P5 WITH 6 POINT ICAL(v755) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MG9RC7 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0104961	7.089214	4.309957	.0158015	1.517500	.0409848
Stddev	.0005247	.012971	.038380	.0006944	.008599	.0007393
%RSD	4.998631	.1829675	.8904989	4.394436	.5666645	1.803914

#1	.0099773	7.086937	4.345484	.0158852	1.510689	.0411536
#2	.0110265	7.077533	4.315137	.0164502	1.527162	.0416251
#3	.0104844	7.103173	4.269249	.0150690	1.514648	.0401756

Elem	Sr4077
Units	ppm
Avg	.2288928
Stddev	.0019906
%RSD	.8696497

#1	.2277638
#2	.2311912
#3	.2277234

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	72.96448	1431.227	46331.94	9915.860	2201.451
Stddev	.68361	4.873	424.43	62.835	4.249
%RSD	.9369019	.3404833	.9160605	.6336840	.1930293

#1	73.21393	1436.269	46070.82	9948.164	2206.355
#2	73.48833	1430.869	46103.34	9843.444	2199.134
#3	72.19118	1426.542	46821.67	9955.972	2198.863

Sample Name: I1538-19 Acquired: 2/3/2017 17:02:14 Type: Unk
Method: ISM02.2 INSTRUMENT P5 WITH 6 POINT ICAL(v755) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MG9RC8 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1211996	.0068426	.9191722	-.031231	.0053391	66.70046
Stddev	.0060371	.0023436	.0076256	.002550	.0016515	.13997
%RSD	4.981122	34.25090	.8296140	8.166000	30.93290	.2098493

#1	.1269387	.0076894	.9187749	-.029495	.0034554	66.53973
#2	.1149032	.0041932	.9117531	-.030037	.0065384	66.76614
#3	.1217569	.0086451	.9269887	-.034159	.0060234	66.79552

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F 20.74429	.0061970	.0071276	15.76318	.1244242	.1123317
Stddev	.13005	.0001631	.0001895	.09382	.0020800	.0003271
%RSD	.6269117	2.632143	2.658693	.5952015	1.671728	.2912246

#1	20.61072	.0062245	.0069511	15.72585	.1221656	.1122761
#2	20.87050	.0060219	.0071039	15.86992	.1248458	.1120359
#3	20.75166	.0063446	.0073279	15.69377	.1262611	.1126830

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1395746	179.5770	11.95106	6.827789	.1203429	-.004641
Stddev	.0005861	.6737	.04401	.017845	.0011288	.000282
%RSD	.4199160	.3751640	.3682518	.2613568	.9379883	6.075738

#1	.1397200	178.9819	11.91188	6.818631	.1190448	-.004654
#2	.1400743	180.3085	11.99868	6.848353	.1208894	-.004917
#3	.1389295	179.4405	11.94263	6.816382	.1210944	-.004353

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.204748	.2701673	2.330802	4.680848	2.840330	-.034454
Stddev	.075853	.0031326	.047799	.027923	.018575	.001162
%RSD	6.296128	1.159495	2.050774	.5965336	.6539559	3.372085

#1	1.118998	.2694259	2.338715	4.693277	2.827129	-.035717
#2	1.263074	.2736040	2.279540	4.648868	2.832291	-.033430
#3	1.232173	.2674718	2.374151	4.700398	2.861570	-.034215

Sample Name: I1538-19 Acquired: 2/3/2017 17:02:14 Type: Unk
Method: ISM02.2 INSTRUMENT P5 WITH 6 POINT ICAL(v755) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MG9RC8 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0065227	5.238986	5.222573	.0113947	1.412490	.0393810
Stddev	.0007819	.018487	.210084	.0022848	.011690	.0003937
%RSD	11.98757	.3528739	4.022615	20.05139	.8276245	.9996073

#1	.0056925	5.227126	5.391360	.0137875	1.401559	.0392769
#2	.0072451	5.229545	5.289072	.0092359	1.411096	.0398163
#3	.0066305	5.260287	4.987287	.0111607	1.424814	.0390499

Elem	Sr4077
Units	ppm
Avg	.2381867
Stddev	.0006217
%RSD	.2610153

#1	.2375710
#2	.2388143
#3	.2381747

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	72.94804	1425.320	46917.50	10039.69	2253.809
Stddev	1.49652	3.277	130.54	36.42	7.807
%RSD	2.051492	.2298819	.2782360	.3627393	.3463816

#1	73.57642	1428.420	46909.51	10069.71	2260.249
#2	74.02792	1425.648	47051.86	9999.18	2256.050
#3	71.23978	1421.892	46791.14	10050.19	2245.126

Sample Name: I1538-20 Acquired: 2/3/2017 17:06:25 Type: Unk
Method: ISM02.2 INSTRUMENT P5 WITH 6 POINT ICAL(v755) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MG9RC9 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0907990	.0029802	.6742182	-.031633	.0056602	72.96957	3.759849
Stddev	.0074030	.0035697	.0099860	.003496	.0033321	.93259	.049517
%RSD	8.153184	119.7808	1.481125	11.05282	58.86905	1.278055	1.316985

#1	.0982954	-.000260	.6766328	-.033445	.0019876	74.04047	3.816739
#2	.0906084	.006807	.6827756	-.027603	.0065030	72.33610	3.726451
#3	.0834931	.002394	.6632463	-.033852	.0084901	72.53215	3.736355

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0065831	.0060222	13.39658	.1294589	.0971874	.1007067	151.1580
Stddev	.0000890	.0001988	.20521	.0018534	.0013774	.0024575	1.6225
%RSD	1.351984	3.301606	1.531804	1.431650	1.417252	2.440273	1.073379

#1	.0066735	.0062489	13.63352	.1276376	.0980469	.1035048	152.8978
#2	.0065801	.0059397	13.28052	.1293964	.0979167	.0988984	149.6862
#3	.0064956	.0058778	13.27570	.1313428	.0955987	.0997169	150.8898

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	10.57785	8.149712	.0871986	-.004036	.8620530	.2775602	.8911601
Stddev	.14598	.053830	.0015458	.000230	.0198538	.0036895	.0361211
%RSD	1.380067	.6605110	1.772781	5.700447	2.303084	1.329263	4.053269

#1	10.74533	8.209431	.0862813	-.003843	.8464297	.2817984	.9310235
#2	10.47760	8.104923	.0889834	-.004291	.8843942	.2758153	.8606020
#3	10.51062	8.134782	.0863311	-.003975	.8553350	.2750667	.8818549

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	3.868193	2.907721	-.027778	.0063167	2.041143	5.299739	.0073795
Stddev	.047804	.045927	.000586	.0006203	.035465	.065746	.0006086
%RSD	1.235825	1.579494	2.109665	9.820213	1.737499	1.240553	8.247281

#1	3.921515	2.931441	-.028184	.0069543	2.069585	5.374710	.0080164
#2	3.829169	2.936937	-.027106	.0057153	2.052437	5.272600	.0068037
#3	3.853895	2.854783	-.028043	.0062803	2.001406	5.251907	.0073185

Sample Name: I1538-20 Acquired: 2/3/2017 17:06:25 Type: Unk
 Method: ISM02.2 INSTRUMENT P5 WITH 6 POINT ICAL(v755) Mode: CONC Corr. Factor: 1.000000
 User: JASWAL Custom ID1: MG9RC9 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	1.256808	.0453668	.1246968
Stddev	.013258	.0006145	.0015769
%RSD	1.054897	1.354606	1.264626

#1	1.271786	.0460374	.1265177
#2	1.246574	.0452323	.1237904
#3	1.252065	.0448305	.1237823

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	73.78380	1450.942	48199.42	10165.11	2245.268
Stddev	1.98226	19.534	206.81	133.11	32.126
%RSD	2.686573	1.346274	.4290691	1.309491	1.430810

#1	71.49621	1432.740	48436.59	10012.01	2217.072
#2	74.99502	1448.506	48104.93	10229.84	2238.490
#3	74.86017	1471.579	48056.73	10253.47	2280.241

Sample Name: I1538-21 Acquired: 2/3/2017 17:10:27 Type: Unk
Method: ISM02.2 INSTRUMENT P5 WITH 6 POINT ICAL(v755) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MG9RD0 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.2517873	.0061024	2.063299	-.076179	.0148063	146.8106
Stddev	.0110310	.0012463	.002723	.007936	.0047937	.6271
%RSD	4.381090	20.42298	.1319507	10.41774	32.37600	.4271827

#1	.2390957	.0066602	2.060339	-.071057	.0142139	146.1345
#2	.2590694	.0046746	2.063863	-.085321	.0198687	147.3733
#3	.2571967	.0069724	2.065695	-.072160	.0103364	146.9240

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F 20.29391	.0114285	.0140639	20.28622	.2098300	.1566496
Stddev	.12012	.0000757	.0003770	.07040	.0017728	.0002907
%RSD	.5919116	.6623703	2.680419	.3470481	.8448692	.1855628

#1	20.43130	.0113459	.0140671	20.21679	.2090685	.1567970
#2	20.24171	.0114945	.0136853	20.35756	.2085653	.1568370
#3	20.20872	.0114452	.0144392	20.28431	.2118564	.1563147

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.2756468	412.6976	16.29776	11.49427	.1805420	-.011087
Stddev	.0018199	2.0169	.06649	.09069	.0006008	.000554
%RSD	.6602388	.4887111	.4079812	.7889679	.3327541	4.995497

#1	.2771335	410.8906	16.22588	11.40691	.1799611	-.010730
#2	.2736172	414.8734	16.35707	11.58795	.1805041	-.010806
#3	.2761897	412.3286	16.31033	11.48794	.1811609	-.011725

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.064955	.6018859	4.856481	6.523543	3.301443	-.103844
Stddev	.099441	.0055918	.090766	.026487	.019769	.003131
%RSD	4.815658	.9290387	1.868976	.4060179	.5987845	3.014634

#1	2.129759	.5964926	4.753702	6.502057	3.280994	-.104021
#2	1.950462	.6076569	4.890093	6.553136	3.302882	-.100629
#3	2.114644	.6015080	4.925646	6.515436	3.320453	-.106883

Sample Name: I1538-21 Acquired: 2/3/2017 17:10:27 Type: Unk
Method: ISM02.2 INSTRUMENT P5 WITH 6 POINT ICAL(v755) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MG9RD0 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0087689	4.877275	6.775169	.0179457	1.945435	.0648957
Stddev	.0007230	.047503	.046052	.0040302	.011191	.0003941
%RSD	8.244585	.9739567	.6797106	22.45752	.5752222	.6072569

#1	.0082878	4.833896	6.773023	.0134062	1.938756	.0644764
#2	.0096003	4.869893	6.822256	.0193286	1.958354	.0649523
#3	.0084186	4.928037	6.730228	.0211024	1.939195	.0652584

Elem	Sr4077
Units	ppm
Avg	.2733666
Stddev	.0007272
%RSD	.2660203

#1	.2725276
#2	.2738145
#3	.2737578

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	73.84410	1431.402	46714.41	10120.02	2155.985
Stddev	1.51231	3.401	147.50	27.80	6.214
%RSD	2.047977	.2376152	.3157566	.2747487	.2882305

#1	75.58430	1435.306	46586.50	10129.69	2162.855
#2	73.10000	1429.077	46875.77	10088.67	2154.342
#3	72.84801	1429.824	46680.97	10141.70	2150.757

Sample Name: I1538-22 Acquired: 2/3/2017 17:14:37 Type: Unk
Method: ISM02.2 INSTRUMENT P5 WITH 6 POINT ICAL(v755) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MG9RD1 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.2536430	.0106739	2.306856	-.076446	.0117661	48.72046
Stddev	.0045347	.0059037	.008086	.003384	.0021553	.20621
%RSD	1.787821	55.30944	.3505345	4.426863	18.31832	.4232504

#1	.2497431	.0149199	2.311474	-.072587	.0102201	48.48246
#2	.2525669	.0131697	2.297519	-.078906	.0142282	48.84581
#3	.2586189	.0039322	2.311575	-.077845	.0108500	48.83310

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F 46.31269	.0093651	.0126560	2.304841	.2137437	.0351261
Stddev	.55396	.0002473	.0000664	.035226	.0003595	.0009189
%RSD	1.196125	2.640941	.5246980	1.528331	.1681761	2.615950

#1	45.69557	.0096343	.0126555	2.288181	.2134352	.0361851
#2	46.76699	.0091480	.0125899	2.281035	.2141384	.0345389
#3	46.47552	.0093129	.0127227	2.345306	.2136573	.0346545

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.3737676	405.3411	2.264114	2.812395	.2051694	-.009462
Stddev	.0024422	2.1176	.013867	.020598	.0008235	.000366
%RSD	.6534065	.5224119	.6124697	.7323904	.4013933	3.866197

#1	.3710390	402.9318	2.255698	2.820739	.2053811	-.009671
#2	.3745148	406.1843	2.280119	2.827511	.2042607	-.009675
#3	.3757489	406.9071	2.256524	2.788934	.2058665	-.009039

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.982856	.4054562	10.08072	1.120545	1.739636	-.117551
Stddev	.135075	.0022673	.14854	.026119	.009474	.003839
%RSD	6.812148	.5592077	1.473547	2.330962	.5446157	3.265965

#1	1.926265	.4040969	10.00378	1.150399	1.750366	-.121509
#2	1.885281	.4080736	10.25195	1.101908	1.732422	-.117302
#3	2.137022	.4041980	9.98643	1.109327	1.736120	-.113843

Sample Name: I1538-22 Acquired: 2/3/2017 17:14:37 Type: Unk
Method: ISM02.2 INSTRUMENT P5 WITH 6 POINT ICAL(v755) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MG9RD1 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0062604	9.742435	3.346284	.0147504	1.039214	.0170381
Stddev	.0007324	.017109	.011555	.0028079	.005080	.0003296
%RSD	11.69852	.1756098	.3453194	19.03621	.4887833	1.934630

#1	.0055343	9.754970	3.334216	.0173187	1.033350	.0171311
#2	.0062481	9.749390	3.357248	.0117524	1.042034	.0166720
#3	.0069989	9.722944	3.347387	.0151802	1.042259	.0173113

Elem	Sr4077
Units	ppm
Avg	.2965807
Stddev	.0012545
%RSD	.4230009

#1	.2954223
#2	.2979132
#3	.2964067

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	71.77907	1379.252	45036.24	9632.257	2236.831
Stddev	1.04364	1.514	214.03	33.295	2.728
%RSD	1.453963	.1097728	.4752445	.3456580	.1219648

#1	72.39988	1379.415	45141.44	9669.531	2234.123
#2	70.57416	1380.678	44789.96	9605.462	2239.579
#3	72.36316	1377.663	45177.31	9621.779	2236.792

Sample Name: I1390-01A Acquired: 2/3/2017 17:18:48 Type: Unk
Method: ISM02.2 INSTRUMENT P5 WITH 6 POINT ICAL(v755) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MBDN10A Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0609398	.0027731	.0610559	-.079248	.0089304	310.1218	.2189233
Stddev	.0033941	.0072334	.0032550	.003044	.0078892	3.5824	.0018361
%RSD	5.569590	260.8362	5.331194	3.841697	88.34056	1.155157	.8386948

#1	.0631683	.0066148	.0648044	-.077728	.0153545	311.7860	.2194484
#2	.0626176	-.005571	.0589433	-.077263	.0001248	306.0100	.2168818
#3	.0570336	.007275	.0594201	-.082753	.0113120	312.5693	.2204396

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0049061	.0121163	200.5456	-.022074	.2524814	.7052443	362.1278
Stddev	.0001143	.0001881	1.5664	.000779	.0038822	.0097356	4.5494
%RSD	2.330159	1.552398	.7810619	3.529743	1.537604	1.380459	1.256303

#1	.0048261	.0121558	200.7343	-.022563	.2566882	.7094228	363.9632
#2	.0048551	.0122815	198.8934	-.021176	.2490371	.6941170	356.9473
#3	.0050370	.0119116	202.0091	-.022484	.2517188	.7121932	365.4727

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	8.176920	125.5234	.0425029	-.010743	16.15456	.7962503	.6414670
Stddev	.063212	1.7562	.0011394	.000231	.15572	.0074274	.0207470
%RSD	.7730520	1.399097	2.680722	2.151717	.9639607	.9328014	3.234304

#1	8.190125	126.3555	.0435688	-.010888	16.15859	.7959888	.6193511
#2	8.108149	123.5058	.0413021	-.010864	15.99686	.7889571	.6445500
#3	8.232487	126.7089	.0426380	-.010476	16.30823	.8038051	.6605000

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0040454	12.30187	-.066687	-.003820	-.120610	128.2163	.0015284
Stddev	.0475316	.09233	.003363	.000367	.003808	.3392	.0007186
%RSD	1174.959	.7505129	5.042519	9.608042	3.157459	.2645355	47.01439

#1	.0328917	12.40824	-.068525	-.004242	-.117318	127.9980	.0018999
#2	-.050815	12.24241	-.068729	-.003581	-.119731	128.6070	.0007001
#3	.030059	12.25497	-.062805	-.003636	-.124781	128.0438	.0019852

Sample Name: I1390-01A Acquired: 2/3/2017 17:18:48 Type: Unk
 Method: ISM02.2 INSTRUMENT P5 WITH 6 POINT ICAL(v755) Mode: CONC Corr. Factor: 1.000000
 User: JASWAL Custom ID1: MBDN10A Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	1.728403	.0710020	.6427914
Stddev	.021609	.0006225	.0066105
%RSD	1.250235	.8767663	1.028401

#1	1.740184	.0706095	.6450466
#2	1.703463	.0706767	.6353485
#3	1.741561	.0717198	.6479792

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	79.01874	1519.118	49641.53	10863.89	1948.822
Stddev	2.10169	12.134	637.84	51.45	21.417
%RSD	2.659742	.7987571	1.284895	.4735708	1.098997

#1	81.41447	1506.353	49841.83	10820.20	1925.783
#2	78.15621	1530.503	50155.18	10920.59	1968.126
#3	77.48553	1520.497	48927.58	10850.87	1952.558

Sample Name: I1389-01A Acquired: 2/3/2017 17:22:58 Type: Unk
Method: ISM02.2 INSTRUMENT P5 WITH 6 POINT ICAL(v755) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MBDN01A Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0587253	.0077679	.0274646	.0085287	.1040522	213.7254	.2152793
Stddev	.0008276	.0047275	.0033179	.0039923	.0014178	2.1620	.0020261
%RSD	1.409221	60.85908	12.08066	46.80981	1.362609	1.011581	.9411351

#1	.0578635	.0116534	.0265868	.0064468	.1055936	216.2189	.2176185
#2	.0587984	.0025046	.0311332	.0131315	.1037593	212.5840	.2141417
#3	.0595138	.0091457	.0246739	.0060076	.1028037	212.3733	.2140777

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0044335	.0095944	88.55275	.0087119	.1787733	.2877839	295.3155
Stddev	.0000959	.0004213	.88923	.0006579	.0009386	.0026582	3.7948
%RSD	2.163198	4.390689	1.004177	7.552009	.5250130	.9236815	1.285006

#1	.0045432	.0098422	89.55756	.0079541	.1798550	.2893680	299.6819
#2	.0043658	.0091080	88.23336	.0090448	.1782900	.2847150	293.4505
#3	.0043914	.0098331	87.86734	.0091369	.1781748	.2892687	292.8141

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	8.562848	117.0907	.0166839	-.009034	7.825170	.6164464	1.643622
Stddev	.084482	1.5447	.0002304	.000504	.079957	.0084981	.023474
%RSD	.9866094	1.319270	1.380839	5.575958	1.021799	1.378555	1.428209

#1	8.659517	118.8743	.0166059	-.008602	7.855473	.6254641	1.649490
#2	8.525847	116.2149	.0165027	-.009587	7.885547	.6152882	1.617771
#3	8.503179	116.1828	.0169432	-.008913	7.734490	.6085868	1.663607

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.728081	2.157834	-.086864	-.003348	.0027006	60.57236	.0033446
Stddev	.038043	.006875	.002608	.000441	.0091800	.71371	.0024628
%RSD	5.225128	.3186294	3.002580	13.17760	339.9239	1.178282	73.63477

#1	-.708772	2.158111	-.084210	-.003109	.0111421	61.31305	.0045807
#2	-.703564	2.150824	-.089423	-.003077	-.007072	60.51496	.0049447
#3	-.771906	2.164567	-.086959	-.003857	.004032	59.88909	.0005086

Sample Name: I1389-01A Acquired: 2/3/2017 17:22:58 Type: Unk
 Method: ISM02.2 INSTRUMENT P5 WITH 6 POINT ICAL(v755) Mode: CONC Corr. Factor: 1.000000
 User: JASWAL Custom ID1: MBDN01A Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	1.010184	.0436597	.4884763
Stddev	.010746	.0004459	.0035015
%RSD	1.063730	1.021262	.7168132

#1	1.022429	.0441702	.4925175
#2	1.005792	.0434626	.4865648
#3	1.002329	.0433463	.4863466

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	81.45677	1653.700	51808.10	11330.16	2057.295
Stddev	.51847	1.215	331.78	111.79	3.059
%RSD	.6364977	.0734808	.6403938	.9866838	.1487108

#1	81.64437	1653.380	52019.82	11208.84	2054.145
#2	81.85532	1652.677	51425.73	11352.63	2057.487
#3	80.87061	1655.043	51978.75	11429.01	2060.255

Sample Name: I1459-01A Acquired: 2/3/2017 17:27:00 Type: Unk
Method: ISM02.2 INSTRUMENT P5 WITH 6 POINT ICAL(v755) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MBDNQ1A Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1968467	.0321513	.2117642	-.034984	.1013266	205.2097
Stddev	.0063339	.0020675	.0009690	.001261	.0011116	.6293
%RSD	3.217697	6.430355	.4576061	3.603310	1.097053	.3066820

#1	.1921033	.0344864	.2113779	-.033529	.1001988	205.4937
#2	.1943972	.0305538	.2110479	-.035732	.1024212	205.6469
#3	.2040396	.0314138	.2128669	-.035692	.1013598	204.4884

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.8462804	.0065513	.0169003	35.34264	.0511085	.2354533
Stddev	.0048653	.0000897	.0000729	.14544	.0006509	.0018630
%RSD	.5749057	1.368916	.4313314	.4115082	1.273566	.7912302

#1	.8476913	.0065489	.0169845	35.35381	.0518600	.2370608
#2	.8502843	.0064628	.0168593	35.48216	.0507431	.2334116
#3	.8408655	.0066422	.0168571	35.19193	.0507224	.2358876

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.175668	439.4072	4.261780	51.37150	.0743085	-.011454
Stddev	.003868	.7418	.015451	.04381	.0014967	.000341
%RSD	.3289835	.1688150	.3625460	.0852859	2.014160	2.977776

#1	1.177814	440.0548	4.270625	51.41513	.0757192	-.011691
#2	1.177987	439.5689	4.270775	51.32750	.0727385	-.011608
#3	1.171203	438.5979	4.243939	51.37187	.0744677	-.011063

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.238995	F 5.230735	1.411625	.2259070	1.537098	-.126300
Stddev	.042280	.003100	.006779	.0128851	.015715	.004996
%RSD	.8070206	.0592637	.4802215	5.703705	1.022391	3.955622

#1	5.235411	5.229325	1.418016	.2407076	1.554956	-.131808
#2	5.198622	5.234289	1.404515	.2171907	1.525378	-.125031
#3	5.282954	5.228591	1.412345	.2198226	1.530960	-.122060

Sample Name: I1459-01A Acquired: 2/3/2017 17:27:00 Type: Unk
Method: ISM02.2 INSTRUMENT P5 WITH 6 POINT ICAL(v755) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MBDNQ1A Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.003288	1.899995	5.762804	.0170023	2.116575	.0236073
Stddev	.000470	.037272	.018696	.0030342	.010108	.0001424
%RSD	14.31022	1.961703	.3244335	17.84558	.4775452	.6032544

#1	-.002851	1.925230	5.768630	.0136017	2.123301	.0237713
#2	-.003227	1.857185	5.777894	.0194325	2.121472	.0235144
#3	-.003786	1.917571	5.741888	.0179728	2.104951	.0235363

Elem	Sr4077
Units	ppm
Avg	.2927219
Stddev	.0014597
%RSD	.4986726

#1	.2932804
#2	.2938199
#3	.2910654

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	86.73893	1740.721	55909.23	12109.74	2011.035
Stddev	.39386	8.404	159.02	25.12	11.432
%RSD	.4540735	.4827945	.2844334	.2074707	.5684538

#1	86.42315	1731.136	55845.44	12086.12	1998.504
#2	86.61339	1746.826	55792.00	12106.97	2020.895
#3	87.18026	1744.200	56090.24	12136.14	2013.707

Sample Name: I1501-01A Acquired: 2/3/2017 17:31:01 Type: Unk
Method: ISM02.2 INSTRUMENT P5 WITH 6 POINT ICAL(v755) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MBDMT3A Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1659322	.0147014	.0321857	-.072508	.0951949	297.4479	.4205277
Stddev	.0054404	.0096281	.0018932	.007425	.0027053	2.5225	.0034950
%RSD	3.278683	65.49114	5.882195	10.23959	2.841876	.8480403	.8311046

#1	.1635739	.0036385	.0342973	-.080814	.0970528	296.5462	.4185508
#2	.1620688	.0192796	.0306400	-.070195	.0964407	295.5002	.4184692
#3	.1721538	.0211863	.0316197	-.066516	.0920911	300.2973	.4245631

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0056223	.0154210	110.3750	-.024441	.2110949	.3043564	387.7035
Stddev	.0001265	.0003640	1.2510	.000411	.0030334	.0040710	4.0676
%RSD	2.249675	2.360433	1.133391	1.682371	1.437001	1.337592	1.049159

#1	.0054881	.0150009	109.6255	-.024430	.2077180	.3025024	386.5717
#2	.0057393	.0156215	109.6805	-.024036	.2119777	.3015424	384.3217
#3	.0056394	.0156407	111.8192	-.024858	.2135890	.3090244	392.2172

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	13.14985	64.34182	.0202988	-.011676	6.547861	1.282832	.4719339
Stddev	.11978	.48149	.0007666	.000209	.125291	.015984	.0035898
%RSD	.9108964	.7483314	3.776643	1.790282	1.913461	1.246027	.7606489

#1	13.08592	64.16793	.0194463	-.011616	6.493410	1.272859	.4760035
#2	13.07560	63.97143	.0209314	-.011908	6.459009	1.274369	.4692172
#3	13.28803	64.88610	.0205188	-.011503	6.691164	1.301269	.4705811

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.3651665	6.671339	-.087858	-.002291	.5021157	19.09260	.0126546
Stddev	.0231457	.070696	.001283	.000484	.0157581	.11688	.0006493
%RSD	6.338405	1.059692	1.460291	21.14370	3.138348	.6121783	5.130959

#1	.3385651	6.596820	-.089295	-.001784	.4998100	19.08033	.0119391
#2	.3807031	6.679735	-.087450	-.002338	.4876374	18.98233	.0128183
#3	.3762312	6.737461	-.086828	-.002749	.5188996	19.21513	.0132063

Sample Name: I1501-01A Acquired: 2/3/2017 17:31:01 Type: Unk
 Method: ISM02.2 INSTRUMENT P5 WITH 6 POINT ICAL(v755) Mode: CONC Corr. Factor: 1.000000
 User: JASWAL Custom ID1: MBDMT3A Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	11.17271	.0343802	.5466789
Stddev	.10694	.0003653	.0049817
%RSD	.9571360	1.062476	.9112604

#1	11.11853	.0339729	.5451195
#2	11.10370	.0346787	.5426635
#3	11.29590	.0344891	.5522538

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	87.68783	1703.269	54476.58	11894.00	1952.283
Stddev	.69413	9.670	177.66	91.77	18.473
%RSD	.7915936	.5677128	.3261265	.7715250	.9462232

#1	87.81425	1712.596	54297.20	11884.25	1971.071
#2	88.31007	1703.921	54480.06	11990.25	1951.636
#3	86.93918	1693.290	54652.47	11807.50	1934.142

Sample Name: I1538-01A Acquired: 2/3/2017 17:35:01 Type: Unk
Method: ISM02.2 INSTRUMENT P5 WITH 6 POINT ICAL(v755) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MG9RB2A Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0603927	.0067805	.5708108	-.023625	.0028223	61.58536
Stddev	.0105794	.0055300	.0066794	.003968	.0030074	.61389
%RSD	17.51771	81.55815	1.170155	16.79382	106.5567	.9968061

#1	.0567505	.0120431	.5714404	-.023388	-.000641	61.05117
#2	.0521156	.0010171	.5638390	-.027706	.004769	61.44893
#3	.0723121	.0072813	.5771532	-.019781	.004340	62.25599

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F 34.71634	.0048613	.0046220	28.13610	.0892299	.0482399
Stddev	.38333	.0001015	.0000581	.32014	.0004587	.0002605
%RSD	1.104184	2.087212	1.256483	1.137821	.5140127	.5400446

#1	34.27803	.0047519	.0045789	27.79658	.0891222	.0484683
#2	34.98896	.0049524	.0045991	28.17925	.0888347	.0482953
#3	34.88204	.0048794	.0046881	28.43248	.0897328	.0479562

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0842364	100.6335	5.215720	15.18896	.0600885	-.002663
Stddev	.0011101	1.0645	.052239	.20713	.0009740	.000185
%RSD	1.317803	1.057798	1.001563	1.363719	1.620982	6.941840

#1	.0853646	99.8015	5.170148	15.03670	.0590651	-.002451
#2	.0831454	100.2658	5.204282	15.10534	.0601961	-.002752
#3	.0841993	101.8331	5.272730	15.42483	.0610042	-.002786

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.7235194	.2015132	.5500257	4.895983	2.127037	-.012750
Stddev	.1026196	.0031362	.0092141	.058987	.013755	.000615
%RSD	14.18340	1.556318	1.675220	1.204810	.6466690	4.820432

#1	.6052661	.1990272	.5453678	4.842429	2.112297	-.013458
#2	.7760962	.2004756	.5440705	4.886311	2.129285	-.012427
#3	.7891960	.2050366	.5606389	4.959208	2.139530	-.012364

Sample Name: I1538-01A Acquired: 2/3/2017 17:35:01 Type: Unk
Method: ISM02.2 INSTRUMENT P5 WITH 6 POINT ICAL(v755) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MG9RB2A Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0059614	3.806079	9.347201	.0069930	1.217103	.0497353
Stddev	.0005295	.018448	.115103	.0015154	.008560	.0009931
%RSD	8.882314	.4846884	1.231417	21.67072	.7033338	1.996722

#1	.0057358	3.820234	9.217366	.0086722	1.211266	.0491290
#2	.0065664	3.812786	9.387503	.0065799	1.213114	.0491956
#3	.0055821	3.785216	9.436733	.0057269	1.226930	.0508814

Elem	Sr4077
Units	ppm
Avg	.1887783
Stddev	.0018879
%RSD	1.000070

#1	.1870509
#2	.1884902
#3	.1907936

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	71.38629	1406.196	46073.15	9747.342	2246.826
Stddev	.88273	5.267	250.83	88.696	5.128
%RSD	1.236559	.3745673	.5444144	.9099472	.2282283

#1	70.99321	1402.878	46275.74	9825.989	2243.458
#2	72.39729	1412.270	46151.11	9764.833	2252.728
#3	70.76838	1403.442	45792.60	9651.204	2244.292

Sample Name: CCV032 Acquired: 2/3/2017 17:39:11 Type: Unk
Method: ISM02.2 INSTRUMENT P5 WITH 6 POINT ICAL(v755) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: CCV032 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.878713	4.720505	23.74940	4.664083	4.726207	389.9609	9.686124
Stddev	.030591	.034690	.09472	.014861	.016994	2.2956	.107134
%RSD	.6270275	.7348721	.3988268	.3186354	.3595711	.5886834	1.106052

#1	4.862593	4.733023	23.71076	4.654373	4.714474	390.4308	9.696067
#2	4.859554	4.681293	23.68011	4.656683	4.718453	387.4667	9.574366
#3	4.913993	4.747198	23.85733	4.681191	4.745695	391.9853	9.787940

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.4952926	2.410847	394.0288	14.93517	2.406263	14.53296	392.1795
Stddev	.0032812	.012673	3.0186	.07163	.013113	.07282	2.7362
%RSD	.6624714	.5256795	.7660809	.4796350	.5449584	.5010569	.6976816

#1	.4968590	2.407515	394.2847	14.86789	2.400586	14.55485	392.6298
#2	.4915217	2.400172	390.8905	14.92714	2.396944	14.45171	389.2461
#3	.4974970	2.424853	396.9113	15.01048	2.421257	14.59233	394.6625

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	14.15711	386.6891	2.406461	1.235939	389.8141	2.401523	14.15985
Stddev	.10885	2.8209	.013220	.010117	2.0950	.025735	.26537
%RSD	.7688559	.7294969	.5493466	.8186070	.5374372	1.071614	1.874123

#1	14.19470	387.0673	2.401744	1.227074	390.2425	2.408377	14.31629
#2	14.03445	383.6983	2.396246	1.233782	387.5381	2.373055	13.85345
#3	14.24219	389.3019	2.421392	1.246961	391.6619	2.423137	14.30982

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	148.3359	4.998937	4.765088	4.689198	4.923881	4.852425	4.808021
Stddev	.5875	.025410	.043627	.020350	.022369	.038724	.018691
%RSD	.3960738	.5083122	.9155623	.4339742	.4543008	.7980380	.3887364

#1	148.4521	5.002515	4.775326	4.678973	4.902359	4.872038	4.817160
#2	147.6990	4.971928	4.717253	4.675988	4.922275	4.807819	4.786520
#3	148.8567	5.022369	4.802687	4.712633	4.947010	4.877420	4.820384

Sample Name: CCV032 Acquired: 2/3/2017 17:39:11 Type: Unk
Method: ISM02.2 INSTRUMENT P5 WITH 6 POINT ICAL(v755) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: CCV032 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	4.818846	4.920018	4.834295
Stddev	.036575	.022655	.008634
%RSD	.7589928	.4604692	.1786093

#1	4.823680	4.917810	4.841872
#2	4.780095	4.898549	4.824895
#3	4.852764	4.943697	4.836119

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	60.57066	1150.409	38290.01	8613.677	1707.447
Stddev	.97808	5.684	165.63	45.330	7.800
%RSD	1.614783	.4941034	.4325595	.5262576	.4568144

#1	60.01598	1153.217	38451.61	8588.776	1710.301
#2	61.70000	1154.143	38297.80	8666.000	1713.418
#3	59.99601	1143.867	38120.63	8586.257	1698.622

Sample Name: CCB032 Acquired: 2/3/2017 17:43:18 Type: Unk
Method: ISM02.2 INSTRUMENT P5 WITH 6 POINT ICAL(v755) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: CCB032 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000756	.0013299	-.000220	.0001524	-.000708	-.001549	.0005235
Stddev	.010460	.0031248	.001978	.0050473	.000584	.003371	.0003713
%RSD	1383.330	234.9620	898.7872	3310.657	82.58164	217.6614	70.92602

#1	.010570	.0020560	-.001342	.0006535	-.000867	.000159	.0002717
#2	-.010053	.0040278	.002064	-.005127	-.001196	.000627	.0003489
#3	-.002786	-.002094	-.001382	.004931	-.000060	-.005432	.0009499

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000051	-.000043	-.003547	-.000240	-.000343	-.000079	.0114897
Stddev	.000104	.000065	.009557	.000318	.000128	.002120	.0050374
%RSD	201.8690	151.6432	269.4400	132.4215	37.49120	2689.168	43.84255

#1	.000020	-.000004	-.000722	-.000598	-.000445	-.001508	.0169009
#2	-.000003	-.000118	.004279	.000011	-.000198	-.001086	.0069362
#3	-.000171	-.000007	-.014199	-.000134	-.000385	.002357	.0106321

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0007057	.0033905	-.000155	.0002809	-.055154	-.001665	-.001206
Stddev	.0000490	.0205155	.000122	.0004253	.033205	.003596	.003366
%RSD	6.946481	605.0878	79.00679	151.3825	60.20490	215.9482	279.0162

#1	.0006547	.0146443	-.000270	-.000011	-.066596	-.005621	-.004652
#2	.0007525	-.020289	-.000167	.000085	-.081125	-.000782	.002074
#3	.0007098	.015816	-.000027	.000769	-.017740	.001407	-.001041

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.111851	.0056476	.0041955	.0000999	.0008936	-.004353	-.001191
Stddev	.031179	.0049648	.0002748	.0004987	.0039844	.000639	.001122
%RSD	27.87536	87.91088	6.549427	499.0788	445.8927	14.67276	94.14073

#1	-.120457	.0077221	.0043415	.0006752	.0054848	-.004990	-.001791
#2	-.137822	-.000018	.0038785	-.000211	-.001658	-.003713	.000103
#3	-.077273	.009239	.0043665	-.000164	-.001146	-.004355	-.001885

Sample Name: CCB032 Acquired: 2/3/2017 17:43:18 Type: Unk
Method: ISM02.2 INSTRUMENT P5 WITH 6 POINT ICAL(v755) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: CCB032 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	-.000262	.0015398	-.000040
Stddev	.000520	.0003968	.000013
%RSD	198.3986	25.76581	32.98519

#1	.000004	.0019310	-.000025
#2	-.000861	.0015508	-.000047
#3	.000071	.0011377	-.000047

Int. Std.	Y_ 2243	Y_ 2243	Y_ 3600	Y_ 3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	68.05000	1405.226	44433.69	9091.558	2471.131
Stddev	1.22500	4.835	156.26	45.811	5.058
%RSD	1.800147	.3440823	.3516694	.5038820	.2046910

#1	68.92500	1399.664	44429.97	9084.075	2466.006
#2	66.65000	1408.431	44591.77	9140.650	2471.266
#3	68.57500	1407.582	44279.32	9049.950	2476.120