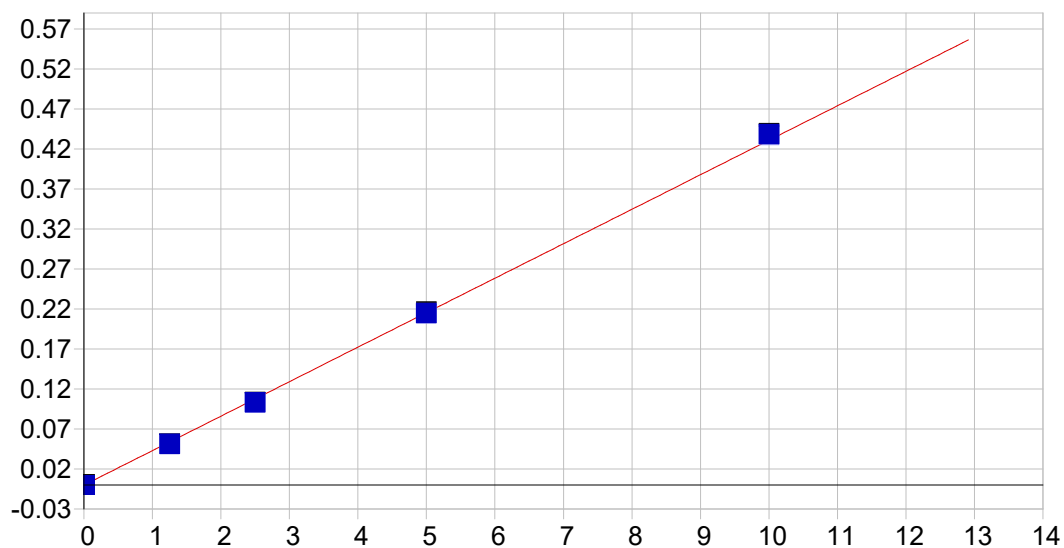


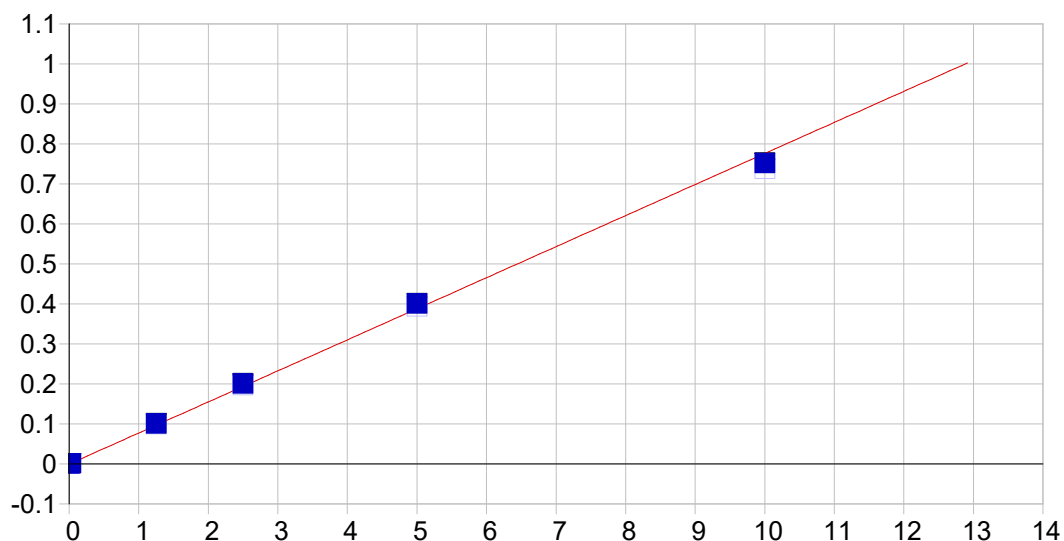


As 189.042 {479}

Date of Fit: 10/02/2019 17:29:56 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.000149 Re-Slope: 1.000000
 A1 (Gain): 0.043102 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999734 Status: OK.
 Std Error of Est: 0.000017
 Predicted MDL: 0.003752
 Predicted MQL: 0.012506

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	-.00015	.000	1
S1	.01000	.00808	-.002	-19.2	.00020	.000	1
S2	1.2500	1.1948	-.055	-4.42	.05122	.000	1
S3	2.5000	2.3973	-.103	-4.11	.10292	.000	1
S4	5.0000	4.9894	-.011	-.212	.21439	.002	1
S5	10.000	10.170	.170	1.70	.43719	.002	1

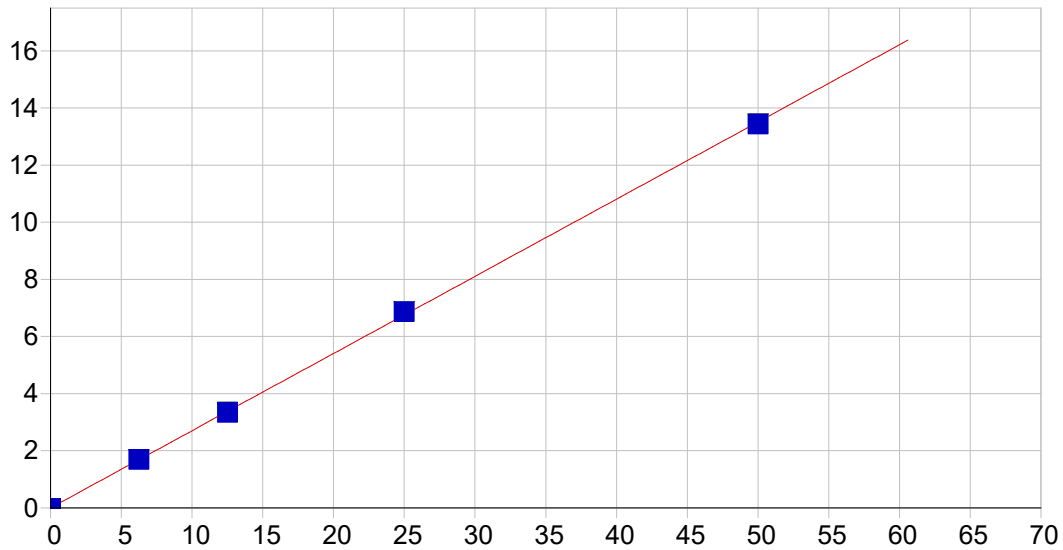


TI 190.856 {477}

Date of Fit: 10/02/2019 17:29:56 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.000378 Re-Slope: 1.000000
 A1 (Gain): 0.077647 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999431 Status: OK.
 Std Error of Est: 0.000068
 Predicted MDL: 0.002392
 Predicted MQL: 0.007975

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	-.00038	.000	1
S1	.02500	.02538	.000	1.54	.00151	.000	1
S2	1.2500	1.3078	.058	4.62	.09938	.001	1
S3	2.5000	2.5877	.088	3.51	.19697	.001	1
S4	5.0000	5.1630	.163	3.26	.39336	.001	1
S5	10.000	9.6911	-.309	-3.09	.73779	.001	1

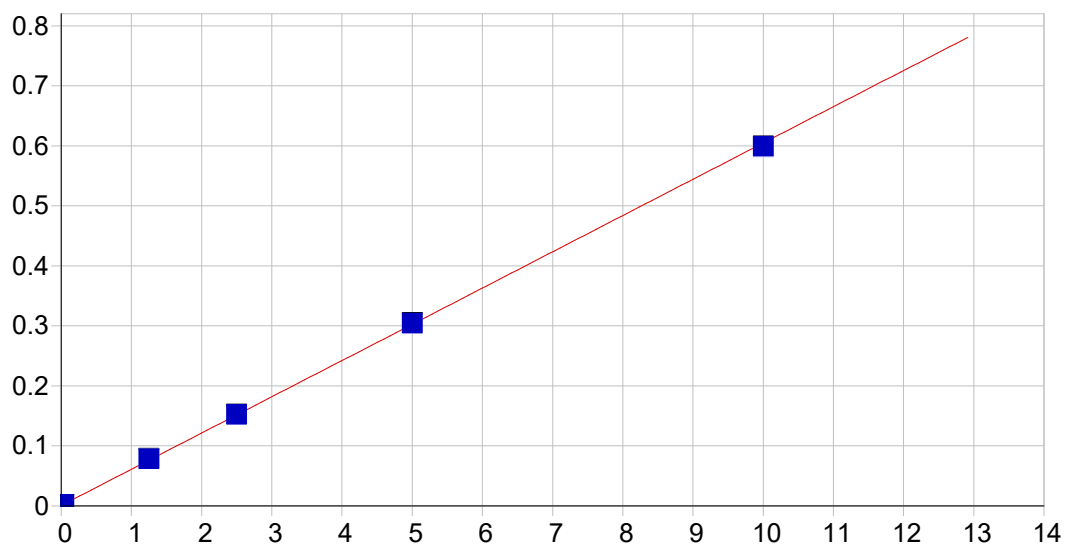


Pb 220.353 {453}

Date of Fit: 10/02/2019 17:29:56 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset):	0.000685	Re-Slope:	1.000000
A1 (Gain):	0.270221	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	0.999947	Status:	OK.
Std Error of Est:	0.000105		
Predicted MDL:	0.001636		
Predicted MQL:	0.005454		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	.00069	.000	1
S1	.01000	.00911	-.001	-8.91	.00315	.000	1
S2	6.2500	6.2471	-.003	-.047	1.6891	.004	1
S3	12.500	12.364	-.136	-1.09	3.3422	.009	1
S4	25.000	25.416	.416	1.66	6.8699	.004	1
S5	50.000	49.725	-.275	-.551	13.440	.016	1

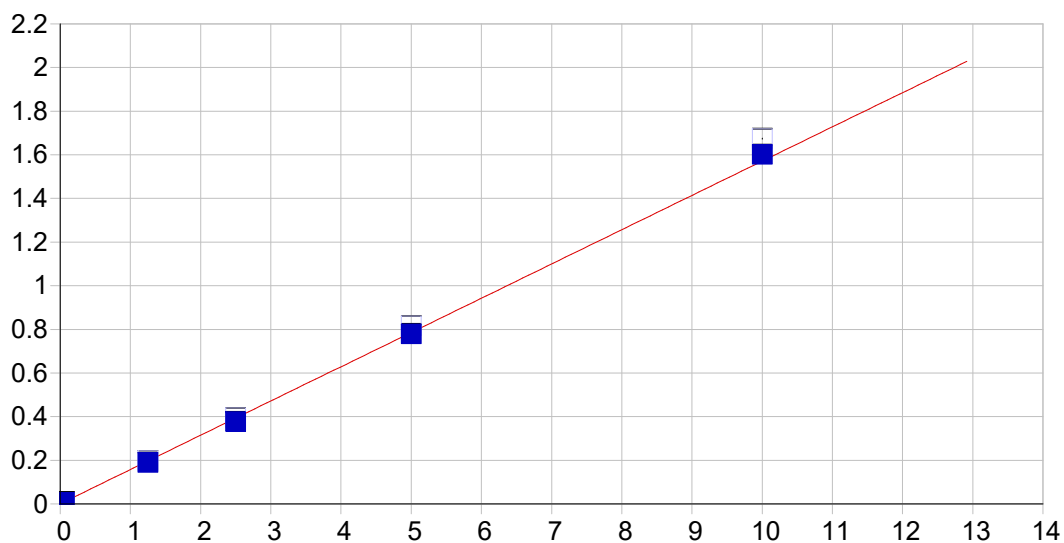


Se 196.090 {472}

Date of Fit: 10/02/2019 17:29:56 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.000608 Re-Slope: 1.000000
 A1 (Gain): 0.060399 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999935 Status: OK.
 Std Error of Est: 0.000022
 Predicted MDL: 0.003528
 Predicted MQL: 0.011761

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	.00061	.000	1
S1	.03500	.03398	-.001	-2.93	.00266	.000	1
S2	1.2500	1.2919	.042	3.35	.07844	.001	1
S3	2.5000	2.5144	.014	.577	.15208	.000	1
S4	5.0000	5.0304	.030	.608	.30364	.001	1
S5	10.000	9.9143	-.086	-.857	.59783	.001	1

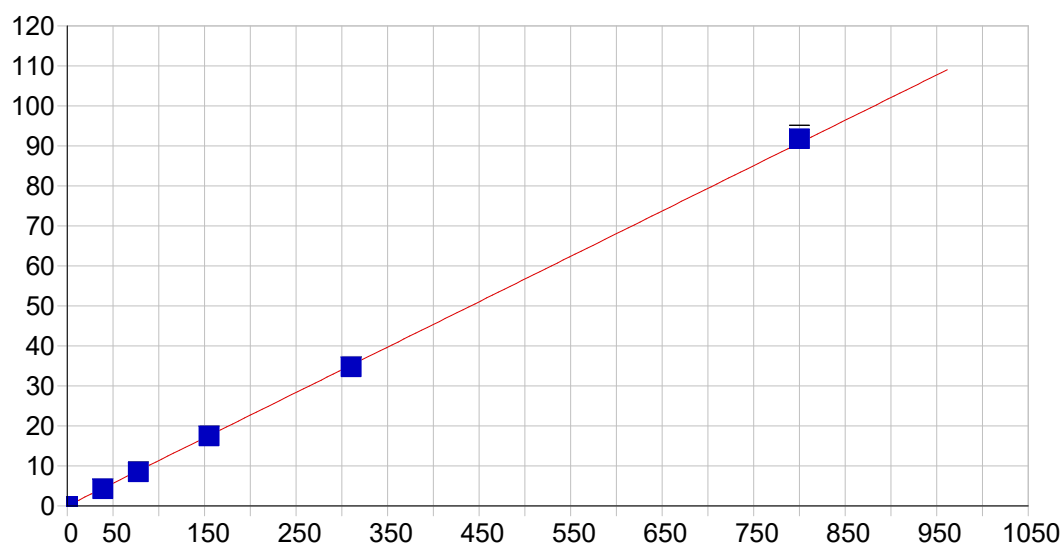


Sb 206.833 {463}

Date of Fit: 10/02/2019 17:29:56 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.000525 Re-Slope: 1.000000
 A1 (Gain): 0.157033 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999749 Status: OK.
 Std Error of Est: 0.000151
 Predicted MDL: 0.001790
 Predicted MQL: 0.005967

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00001	.000	.000	.00053	.000	1
S1	.06000	.05703	-.003	-4.96	.00949	.000	1
S2	1.2500	1.2025	-.047	-3.80	.19840	.000	1
S3	2.5000	2.3968	-.103	-4.13	.39497	.002	1
S4	5.0000	4.9592	-.041	-.816	.81544	.002	1
S5	10.000	10.194	.194	1.94	1.6737	.002	1

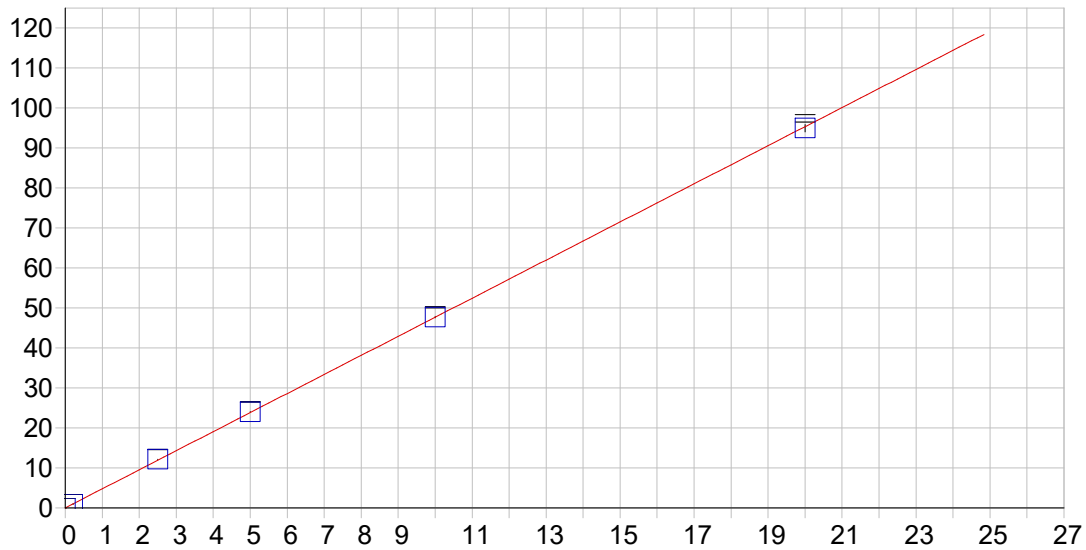


AI 396.152 { 85}

Date of Fit: 10/02/2019 17:29:56 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.006277 Re-Slope: 1.000000
 A1 (Gain): 0.113412 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999895 Status: OK.
 Std Error of Est: 0.001023
 Predicted MDL: 0.008480
 Predicted MQL: 0.028268

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00002	.000	.000	.00628	.001	1
S1	.20000	.19496	-.005	-2.52	.02878	.000	1
S2	38.750	37.668	-1.08	-2.79	4.2871	.004	1
S3	77.500	74.564	-2.94	-3.79	8.4803	.011	1
S4	155.00	153.89	-1.11	-.713	17.495	.039	1
S5	310.00	306.31	-3.69	-1.19	34.816	.077	1
S6	800.00	808.83	8.83	1.10	91.795	.924	1

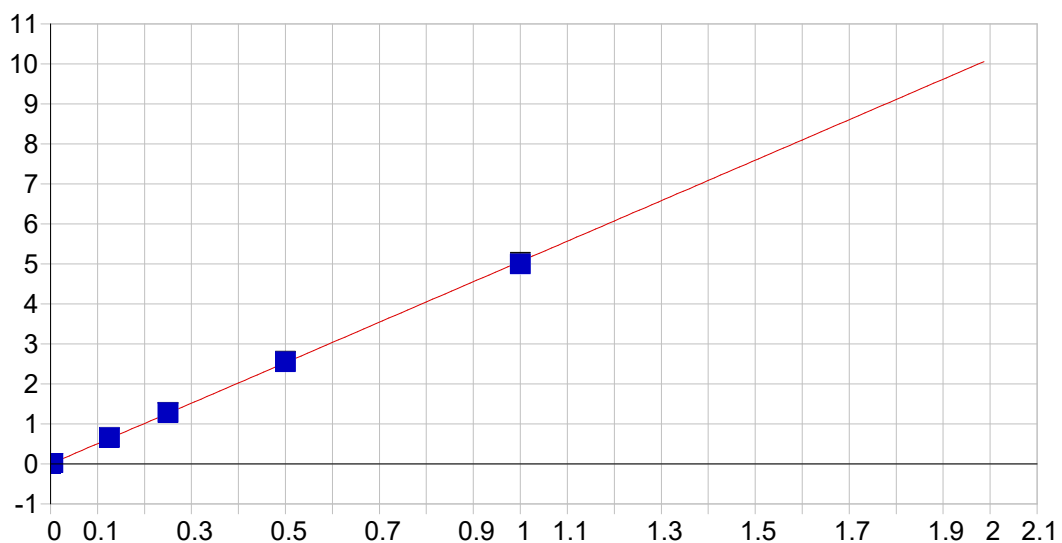


Ba 493.409 { 68}

Date of Fit: 10/02/2019 17:29:56 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.004175 Re-Slope: 1.000000
 A1 (Gain): 4.767144 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999980 Status: OK.
 Std Error of Est: 0.003184
 Predicted MDL: 0.000453
 Predicted MQL: 0.001510

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	.00417	.002	1
S1	.20000	.19625	-.004	-1.88	.93972	.003	1
S2	2.5000	2.5448	.045	1.79	12.135	.043	1
S3	5.0000	5.0377	.038	.753	24.019	.036	1
S4	10.000	10.003	.003	.028	47.689	.144	1
S5	20.000	19.918	-.082	-.408	94.958	.928	1

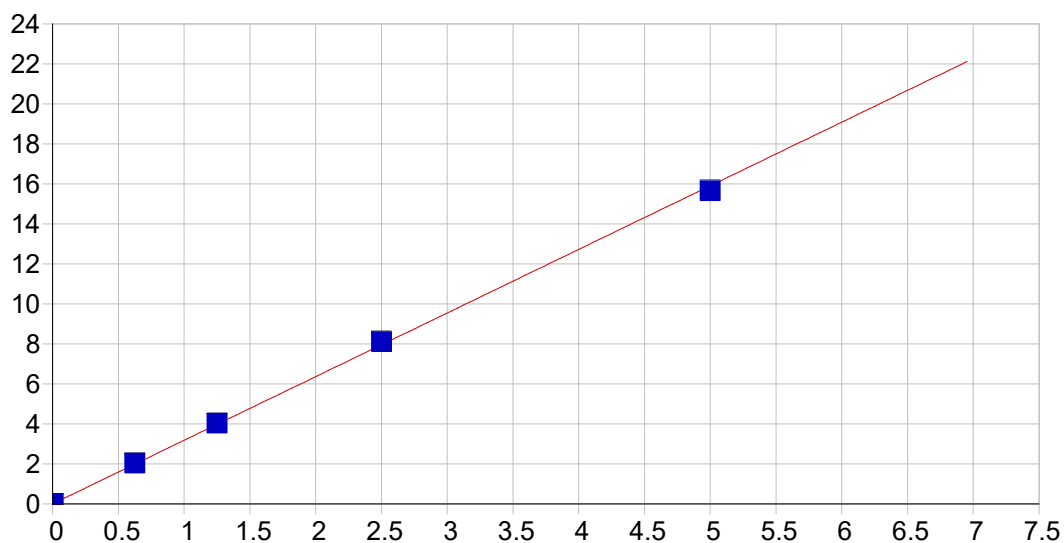


Be 234.861 {144}

Date of Fit: 10/02/2019 17:29:56 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset):	-0.000812	Re-Slope:	1.000000
A1 (Gain):	5.062278	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	0.999885	Status:	OK.
Std Error of Est:	0.000288		
Predicted MDL:	0.000070		
Predicted MQL:	0.000235		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	-.00081	.000	1
S1	.00500	.00493	-.000	-1.46	.02411	.001	1
S2	.12500	.12975	.005	3.80	.65392	.006	1
S3	.25000	.25304	.003	1.22	1.2759	.011	1
S4	.50000	.50501	.005	1.00	2.5473	.011	1
S5	1.0000	.98727	-.013	-1.27	4.9802	.040	1

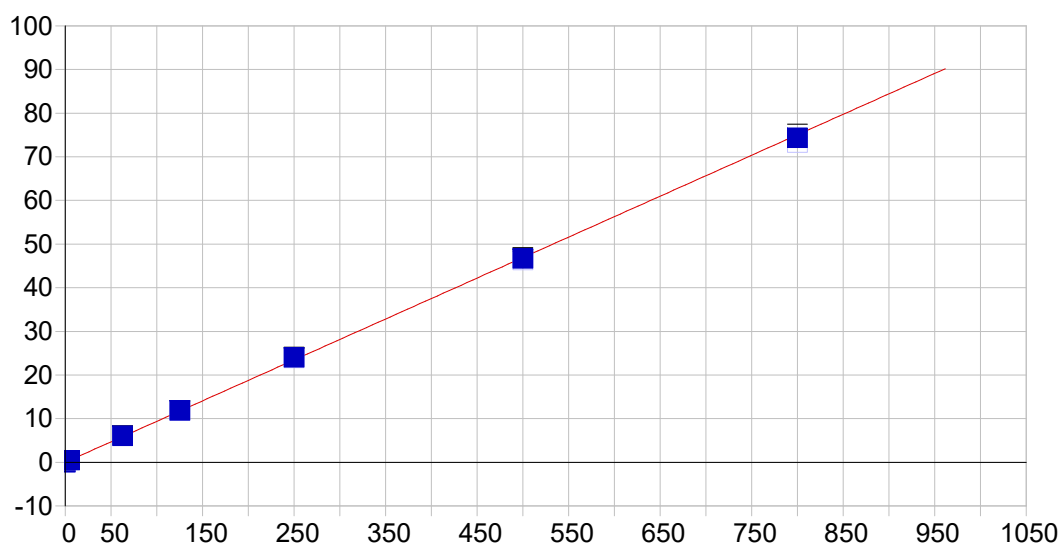


Cd 214.438 {457}

Date of Fit: 10/02/2019 17:29:56 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.000266 Re-Slope: 1.000000
 A1 (Gain): 3.181427 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999842 Status: OK.
 Std Error of Est: 0.000475
 Predicted MDL: 0.000088
 Predicted MQL: 0.000295

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	.00027	.000	1
S1	.00500	.00486	-.000	-2.70	.01575	.000	1
S2	.62500	.64045	.015	2.47	2.0409	.000	1
S3	1.2500	1.2651	.015	1.21	4.0312	.005	1
S4	2.5000	2.5516	.052	2.06	8.1302	.011	1
S5	5.0000	4.9180	-.082	-1.64	15.671	.030	1

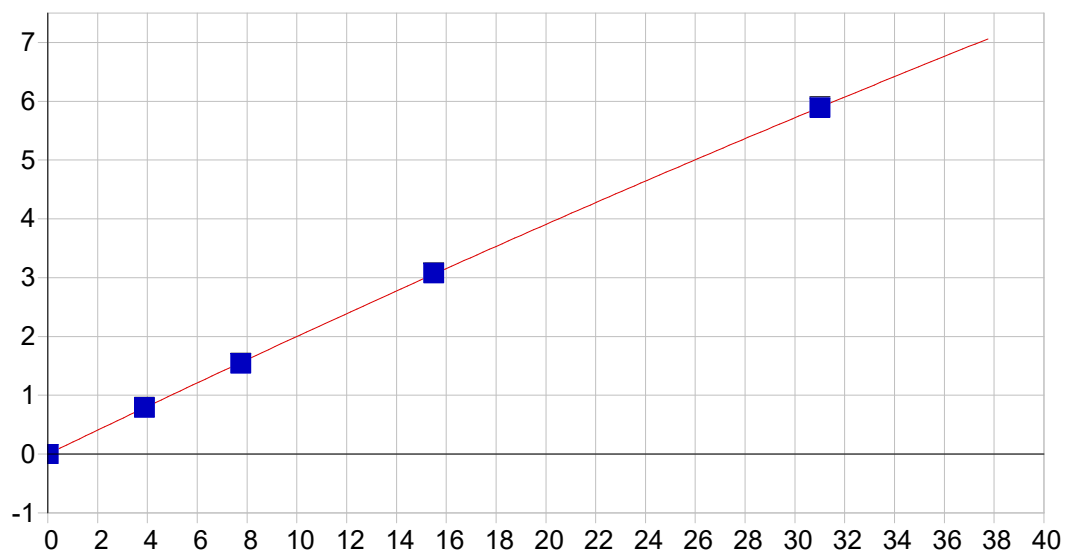


Ca 373.690 { 90}

Date of Fit: 10/02/2019 17:29:56 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.001062 Re-Slope: 1.000000
 A1 (Gain): 0.093811 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999905 Status: OK.
 Std Error of Est: 0.004463
 Predicted MDL: 0.009976
 Predicted MQL: 0.033255

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00032	-.000	.000	.00103	.001	1
S1	5.0000	5.0551	.055	1.10	.47515	.003	1
S2	62.500	64.489	1.99	3.18	5.9984	.017	1
S3	125.00	126.29	1.29	1.03	11.744	.008	1
S4	250.00	256.40	6.40	2.56	23.844	.066	1
S5	500.00	497.92	-2.08	-.416	46.292	.160	1
S6	800.00	792.30	-7.70	-.962	73.209	.911	1

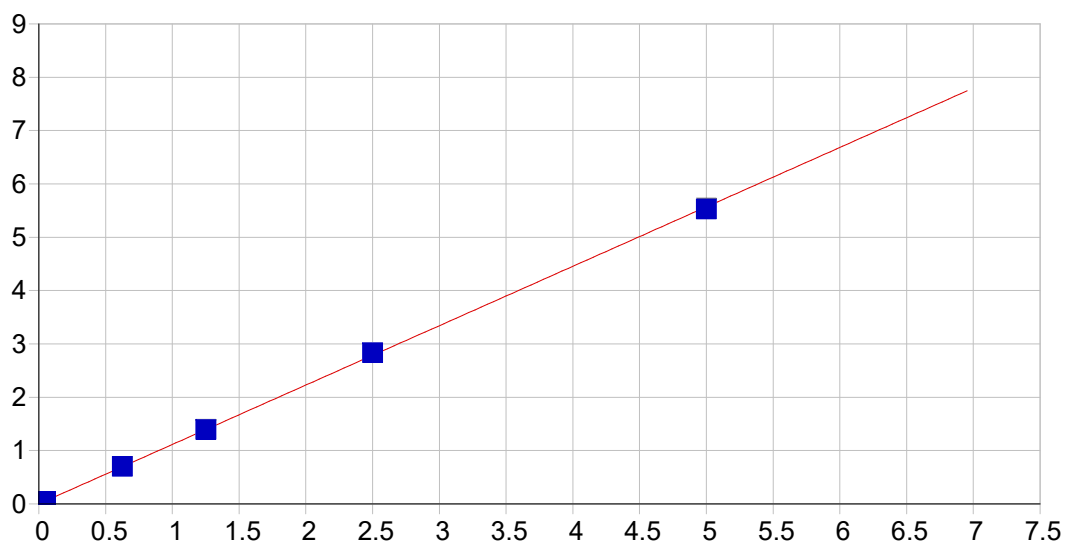


Cr 267.716 {126}

Date of Fit: 10/02/2019 17:29:56 Type of Fit: Curvilinear Weighting: 1/Conc

A0 (Offset):	0.000005	Re-Slope:	1.000000
A1 (Gain):	0.204597	Y-int:	0.000000
A2 (Curvature):	-0.000465		
n (Exponent):	1.000000		
Correlation:	0.999985	Status:	OK.
Std Error of Est:	0.000036		
Predicted MDL:	0.000520		
Predicted MQL:	0.001734		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	.00001	.000	1
S1	.01000	.01024	.000	2.38	.00210	.000	1
S2	3.8750	3.9053	.030	.783	.79293	.002	1
S3	7.7500	7.6610	-.089	-1.15	1.5421	.003	1
S4	15.500	15.582	.082	.529	3.0792	.010	1
S5	31.000	30.976	-.024	-.076	5.8998	.012	1

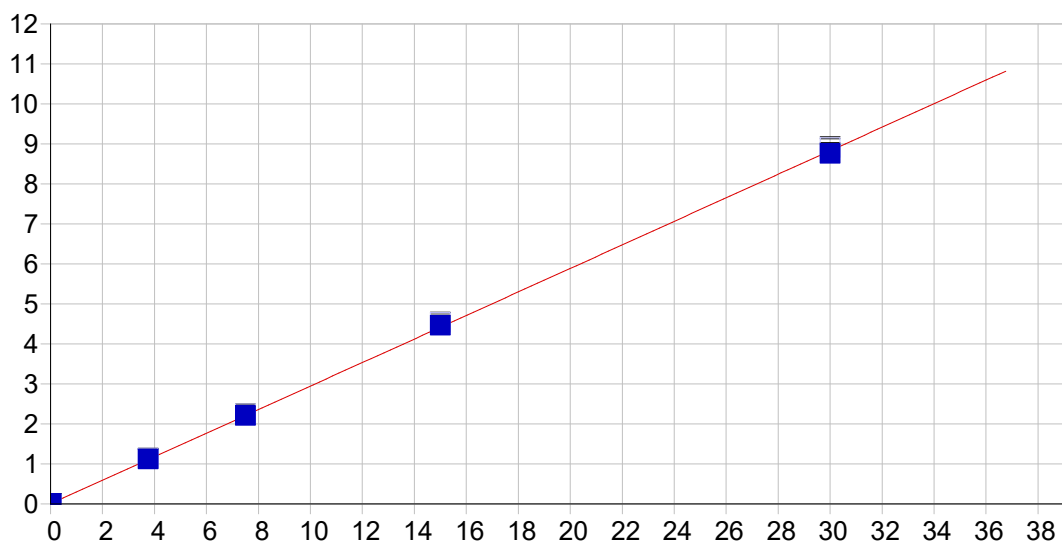


Co 228.616 {448}

Date of Fit: 10/02/2019 17:29:56 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.000428 Re-Slope: 1.000000
 A1 (Gain): 1.113803 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999931 Status: OK.
 Std Error of Est: 0.000347
 Predicted MDL: 0.000273
 Predicted MQL: 0.000909

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	.00043	.000	1
S1	.05000	.04725	-.003	-5.51	.05325	.001	1
S2	.62500	.62805	.003	.488	.70106	.001	1
S3	1.2500	1.2471	-.003	-.232	1.3917	.004	1
S4	2.5000	2.5442	.044	1.77	2.8385	.002	1
S5	5.0000	4.9585	-.042	-.831	5.5320	.011	1

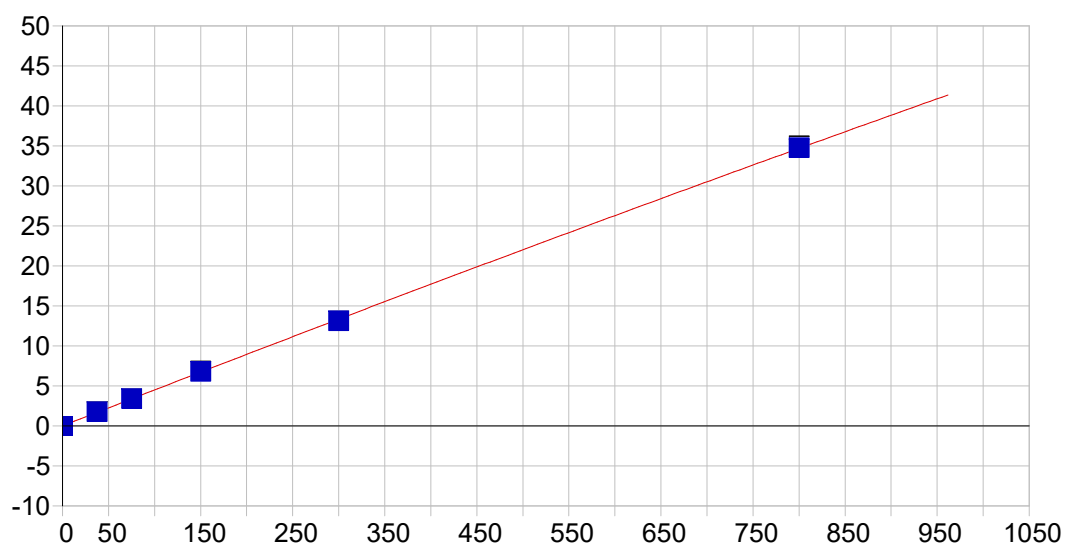


Cu 324.754 {104}

Date of Fit: 10/02/2019 17:29:56 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.002928 Re-Slope: 1.000000
 A1 (Gain): 0.294221 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999960 Status: OK.
 Std Error of Est: 0.000122
 Predicted MDL: 0.002114
 Predicted MQL: 0.007045

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	.00293	.001	1
S1	.02500	.02373	-.001	-5.10	.01138	.000	1
S2	3.7500	3.8088	.059	1.57	1.1413	.005	1
S3	7.5000	7.4983	-.002	-.022	2.2445	.001	1
S4	15.000	15.170	.170	1.13	4.5370	.009	1
S5	30.000	29.774	-.226	-.752	8.9048	.022	1

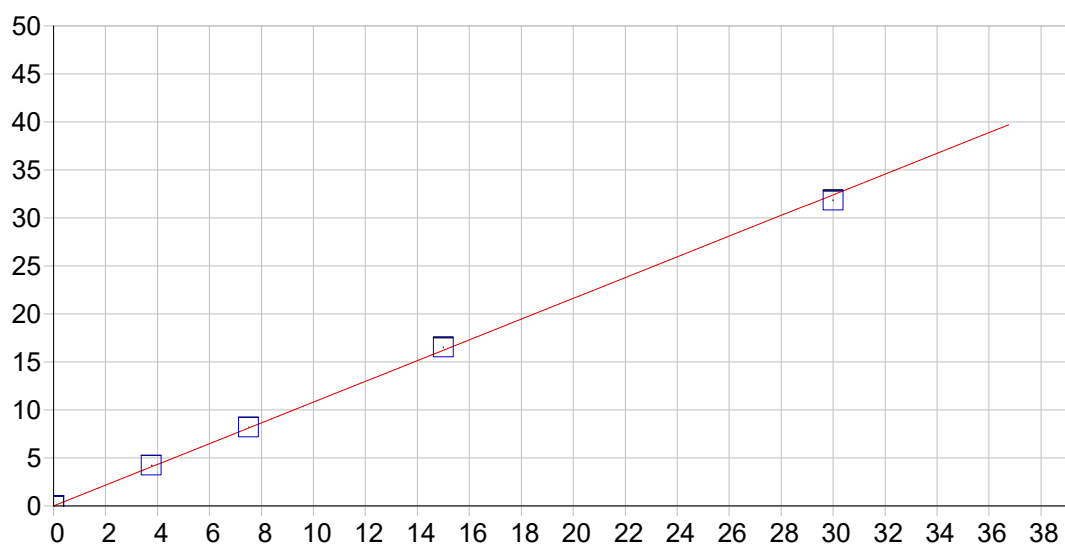


Fe 259.837 {130}

Date of Fit: 10/02/2019 17:29:56 Type of Fit: Curvilinear Weighting: 1/Conc

A0 (Offset): -0.000007 Re-Slope: 1.000000
 A1 (Gain): 0.045152 Y-int: 0.000000
 A2 (Curvature): -0.000002
 n (Exponent): 1.000000
 Correlation: 0.999940 Status: OK.
 Std Error of Est: 0.000235
 Predicted MDL: 0.006642
 Predicted MQL: 0.022139

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	-.00001	.000	1
S1	.10000	.09897	-.001	-1.03	.00465	.000	1
S2	37.500	38.759	1.26	3.36	1.7502	.004	1
S3	75.000	75.614	.614	.818	3.4084	.007	1
S4	150.00	151.76	1.76	1.18	6.8153	.024	1
S5	300.00	294.80	-5.20	-1.73	13.145	.015	1
S6	800.00	801.58	1.58	.197	34.808	.198	1

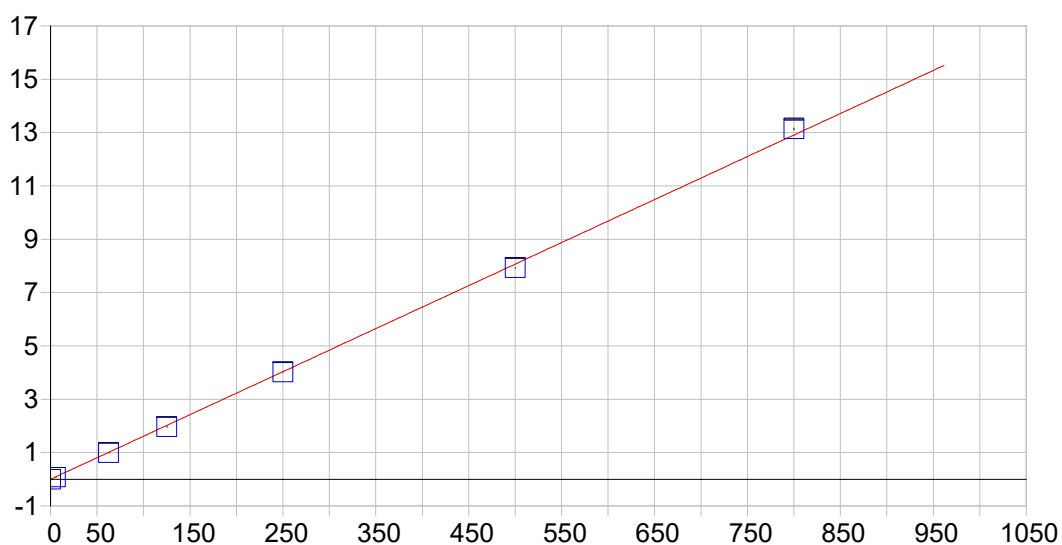


Mn 257.610 {131}

Date of Fit: 10/02/2019 17:29:56 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset):	0.000531	Re-Slope:	1.000000
A1 (Gain):	1.080486	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	0.999794	Status:	OK.
Std Error of Est:	0.000780		
Predicted MDL:	0.000316		
Predicted MQL:	0.001053		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	.00053	.000	1
S1	.01500	.01615	.001	7.68	.01798	.001	1
S2	3.7500	3.9104	.160	4.28	4.2257	.008	1
S3	7.5000	7.5908	.091	1.21	8.2023	.013	1
S4	15.000	15.286	.286	1.91	16.517	.048	1
S5	30.000	29.461	-.539	-1.80	31.833	.077	1

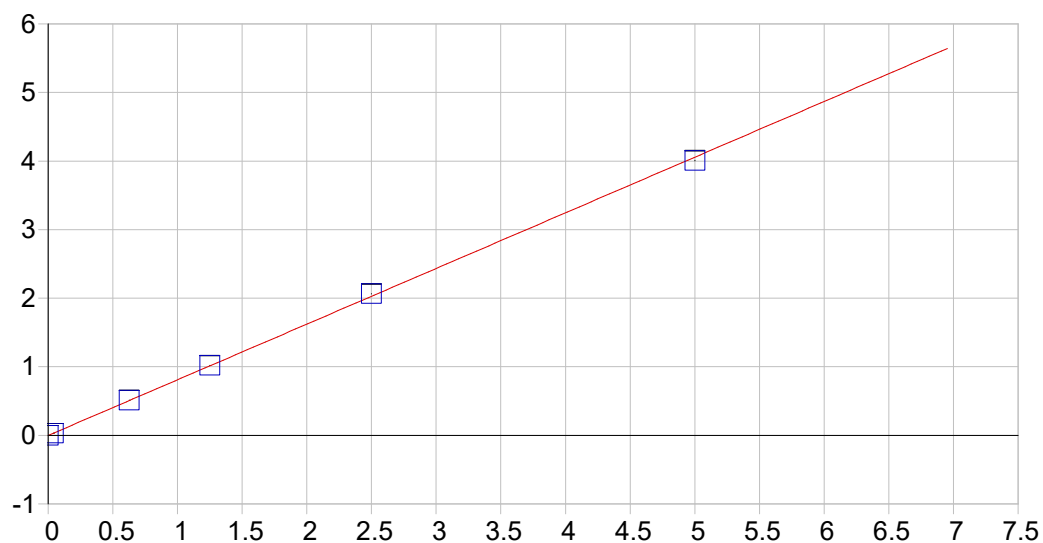


Mg 279.079 {121}

Date of Fit: 10/02/2019 17:29:56 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset):	-0.000230	Re-Slope:	1.000000
A1 (Gain):	0.016136	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	0.999854	Status:	OK.
Std Error of Est:	0.000964		
Predicted MDL:	0.022215		
Predicted MQL:	0.074051		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00039	.000	.000	-.00022	.000	1
S1	5.0000	4.8209	-.179	-3.58	.07756	.000	1
S2	62.500	61.759	-.741	-1.18	.99629	.000	1
S3	125.00	121.68	-3.32	-2.65	1.9632	.005	1
S4	250.00	248.76	-1.24	-.497	4.0136	.012	1
S5	500.00	491.33	-8.67	-1.73	7.9276	.013	1
S6	800.00	814.15	14.2	1.77	13.137	.037	1

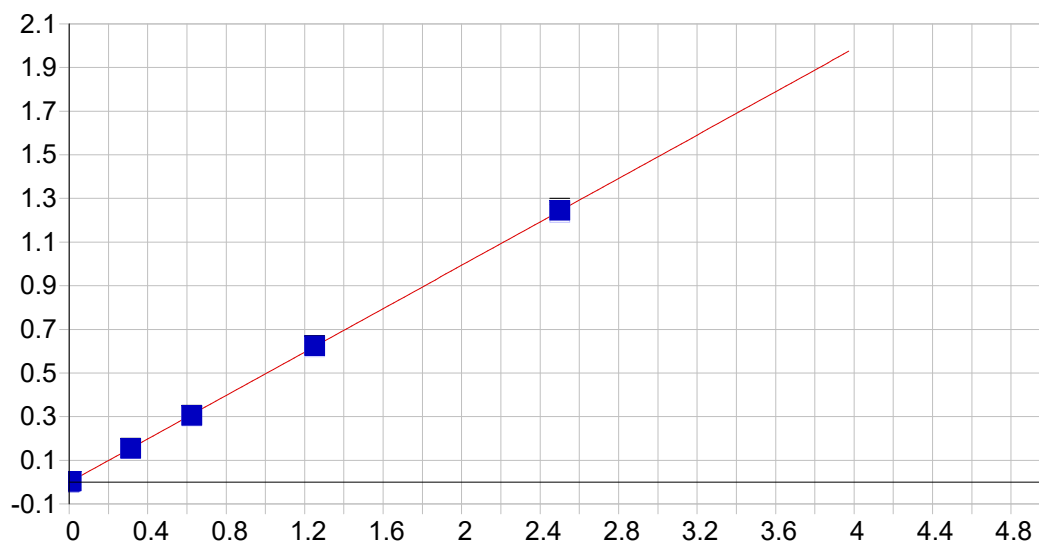


Ni 231.604 {446}

Date of Fit: 10/02/2019 17:29:56 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset):	-0.001479	Re-Slope:	1.000000
A1 (Gain):	0.811591	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	0.999905	Status:	OK.
Std Error of Est:	0.000266		
Predicted MDL:	0.000433		
Predicted MQL:	0.001443		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	-.00148	.000	1
S1	.04000	.03964	-.000	-.897	.03069	.000	1
S2	.62500	.63400	.009	1.44	.51307	.001	1
S3	1.2500	1.2589	.009	.712	1.0202	.002	1
S4	2.5000	2.5451	.045	1.80	2.0641	.002	1
S5	5.0000	4.9374	-.063	-1.25	4.0056	.005	1

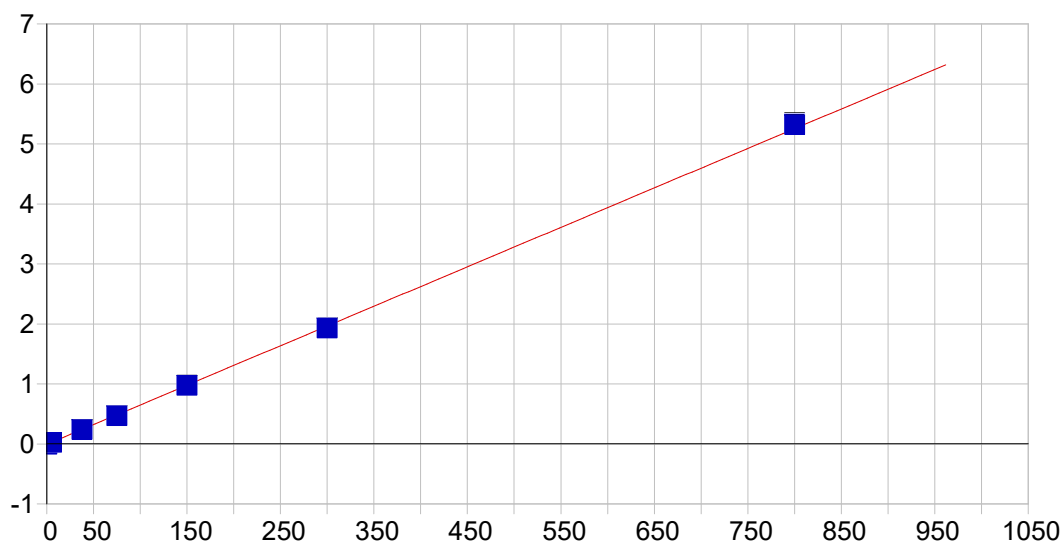


Ag 328.068 {103}

Date of Fit: 10/02/2019 17:29:56 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.000783 Re-Slope: 1.000000
 A1 (Gain): 0.497211 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999969 Status: OK.
 Std Error of Est: 0.000033
 Predicted MDL: 0.000420
 Predicted MQL: 0.001401

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	-.00078	.000	1
S1	.01000	.00977	-.000	-2.27	.00404	.000	1
S2	.31250	.31062	-.002	-.602	.15233	.001	1
S3	.62500	.61339	-.012	-1.86	.30154	.002	1
S4	1.2500	1.2571	.007	.571	.61895	.002	1
S5	2.5000	2.5066	.007	.263	1.2349	.009	1

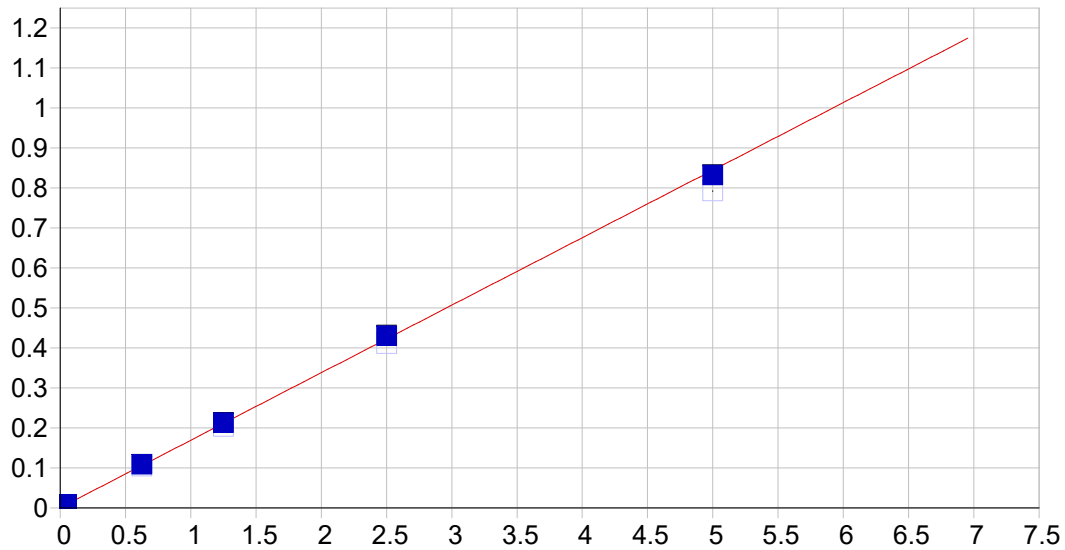


Na 818.326 { 41}

Date of Fit: 10/02/2019 17:29:56 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset):	-0.007752	Re-Slope:	1.000000
A1 (Gain):	0.006576	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	0.999874	Status:	OK.
Std Error of Est:	0.000324		
Predicted MDL:	0.263622		
Predicted MQL:	0.878741		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00059	.001	.000	-.00775	.000	1
S1	5.0000	4.7015	-.298	-5.97	.02317	.001	1
S2	37.500	37.016	-.484	-1.29	.23677	.001	1
S3	75.000	72.539	-2.46	-3.28	.47147	.002	1
S4	150.00	149.02	-.985	-.657	.97658	.001	1
S5	300.00	294.24	-5.76	-1.92	1.9360	.004	1
S6	800.00	809.98	9.98	1.25	5.3422	.008	1

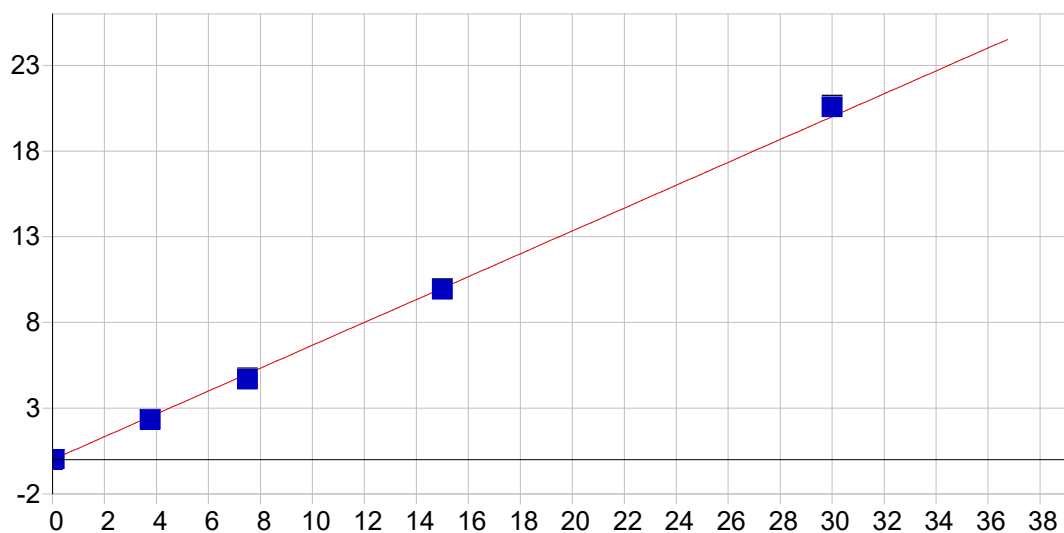


V 292.402 {115}

Date of Fit: 10/02/2019 17:29:56 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.000346 Re-Slope: 1.000000
 A1 (Gain): 0.168864 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999851 Status: OK.
 Std Error of Est: 0.000074
 Predicted MDL: 0.002493
 Predicted MQL: 0.008312

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	.00035	.000	1
S1	.05000	.04814	-.002	-3.72	.00846	.001	1
S2	.62500	.64253	.018	2.80	.10379	.000	1
S3	1.2500	1.2596	.010	.767	.20293	.001	1
S4	2.5000	2.5468	.047	1.87	.41018	.002	1
S5	5.0000	4.9280	-.072	-1.44	.79203	.001	1

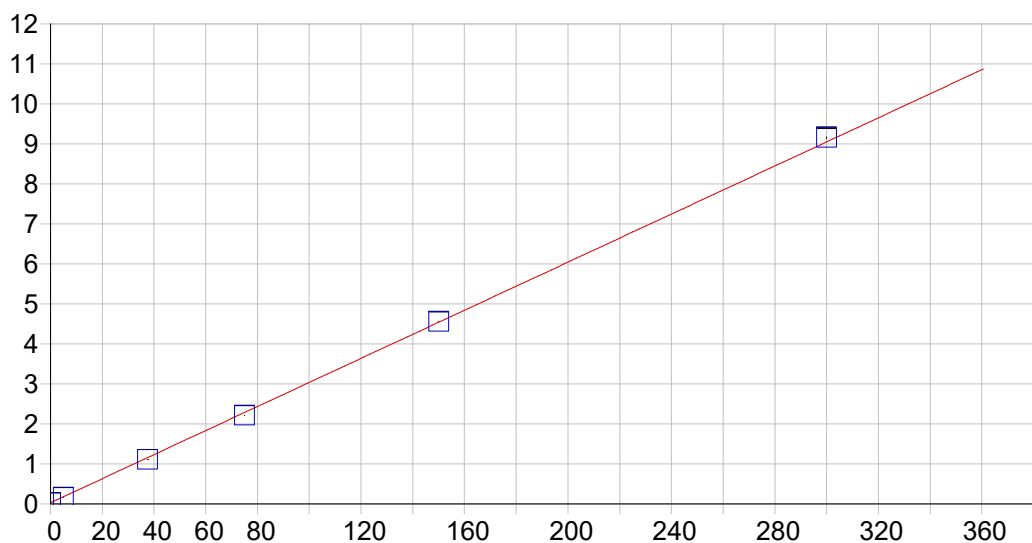


Zn 213.856 {158}

Date of Fit: 10/02/2019 17:29:56 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset):	0.000880	Re-Slope:	1.000000
A1 (Gain):	0.666889	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	0.999381	Status:	OK.
Std Error of Est:	0.001673		
Predicted MDL:	0.001277		
Predicted MQL:	0.004256		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00001	.000	.000	.00089	.001	1
S1	.06000	.05391	-.006	-10.2	.03694	.000	1
S2	3.7500	3.4991	-.251	-6.69	2.3385	.018	1
S3	7.5000	7.0343	-.466	-6.21	4.7001	.065	1
S4	15.000	14.893	-.107	-.711	9.9494	.042	1
S5	30.000	30.829	.829	2.76	20.593	.083	1

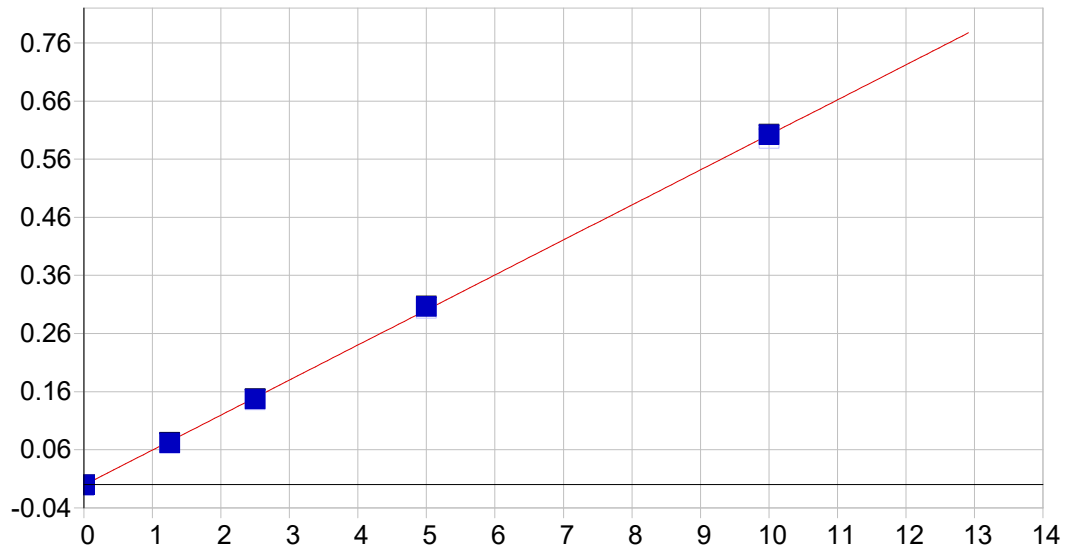


K 769.896 { 44 }

Date of Fit: 10/02/2019 17:29:56 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.029801 Re-Slope: 1.000000
 A1 (Gain): 0.030068 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999803 Status: OK.
 Std Error of Est: 0.001230
 Predicted MDL: 0.060876
 Predicted MQL: 0.202921

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00074	.001	.000	.02982	.001	1
S1	5.0000	4.5306	-.469	-9.39	.16603	.003	1
S2	37.500	36.029	-1.47	-3.92	1.1131	.003	1
S3	75.000	72.628	-2.37	-3.16	2.2136	.002	1
S4	150.00	150.72	.717	.478	4.5616	.008	1
S5	300.00	303.60	3.60	1.20	9.1584	.021	1

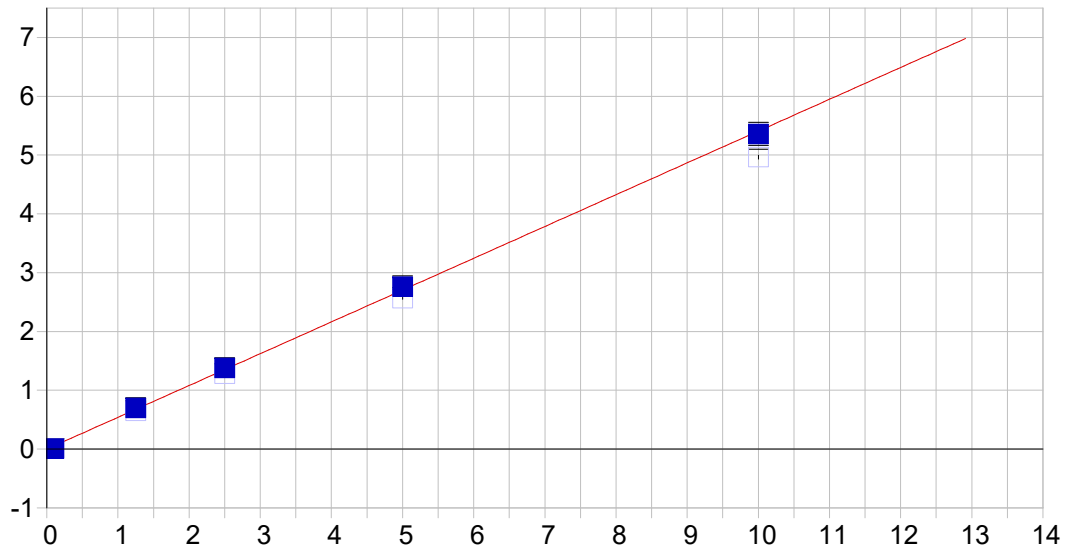


P 177.495 {490}

Date of Fit: 10/02/2019 17:29:56 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.000786 Re-Slope: 1.000000
 A1 (Gain): 0.060261 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999873 Status: OK.
 Std Error of Est: 0.000016
 Predicted MDL: 0.002442
 Predicted MQL: 0.008142

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	-.00079	.000	1
S1	.01000	.00836	-.002	-16.4	-.00028	.000	1
S2	1.2500	1.2027	-.047	-3.78	.07085	.001	1
S3	2.5000	2.4544	-.046	-1.82	.14543	.001	1
S4	5.0000	5.0936	.094	1.87	.30279	.001	1
S5	10.000	10.001	.001	.009	.59513	.001	1

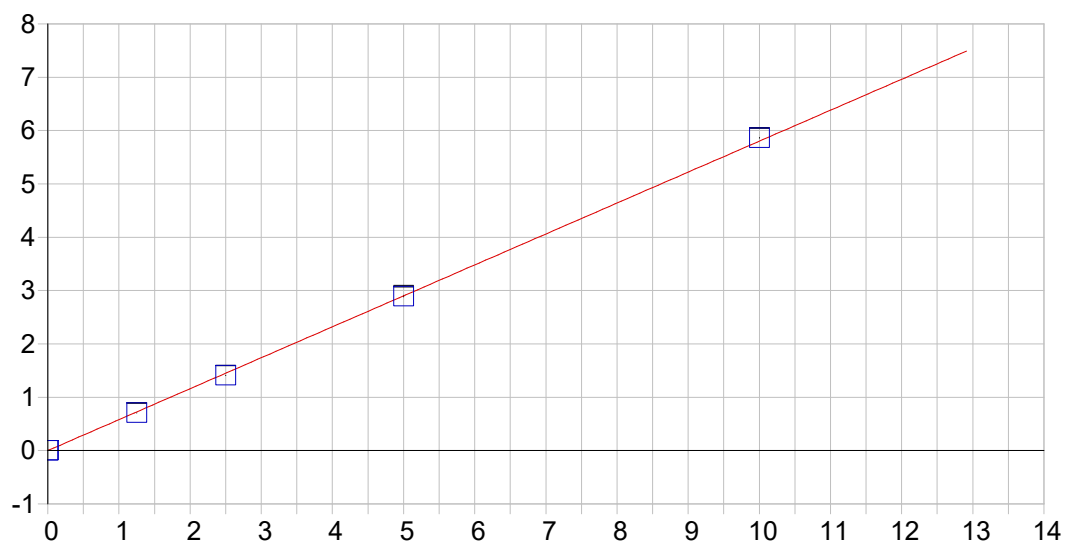


B 249.678 {135}

Date of Fit: 10/02/2019 17:29:56 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.000085 Re-Slope: 1.000000
 A1 (Gain): 0.540808 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.997418 Status: OK.
 Std Error of Est: 0.001920
 Predicted MDL: 0.000899
 Predicted MQL: 0.002996

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00008	.000	.000	-.00004	.000	1
S1	.10000	.01115	-.089	-88.8	.00584	.000	1
S2	1.2500	1.2908	.041	3.27	.64893	.008	1
S3	2.5000	2.5476	.048	1.90	1.2795	.006	1
S4	5.0000	5.1002	.100	2.00	2.5619	.016	1
S5	10.000	9.9071	-.093	-.929	4.9652	.033	1

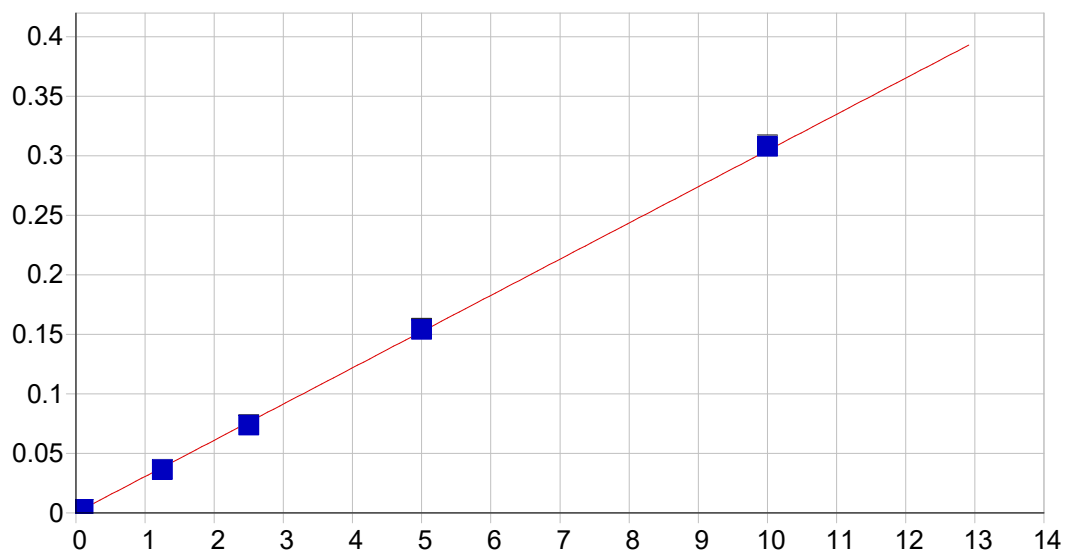


Mo 202.030 {467}

Date of Fit: 10/02/2019 17:29:56 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset):	0.000121	Re-Slope:	1.000000
A1 (Gain):	0.580147	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	0.999896	Status:	OK.
Std Error of Est:	0.000141		
Predicted MDL:	0.000372		
Predicted MQL:	0.001238		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	.00012	.000	1
S1	.01000	.00969	-.000	-3.07	.00574	.000	1
S2	1.2500	1.2189	-.031	-2.49	.70728	.001	1
S3	2.5000	2.4304	-.070	-2.78	1.4101	.003	1
S4	5.0000	4.9920	-.008	-.161	2.8962	.013	1
S5	10.000	10.109	.109	1.09	5.8648	.008	1

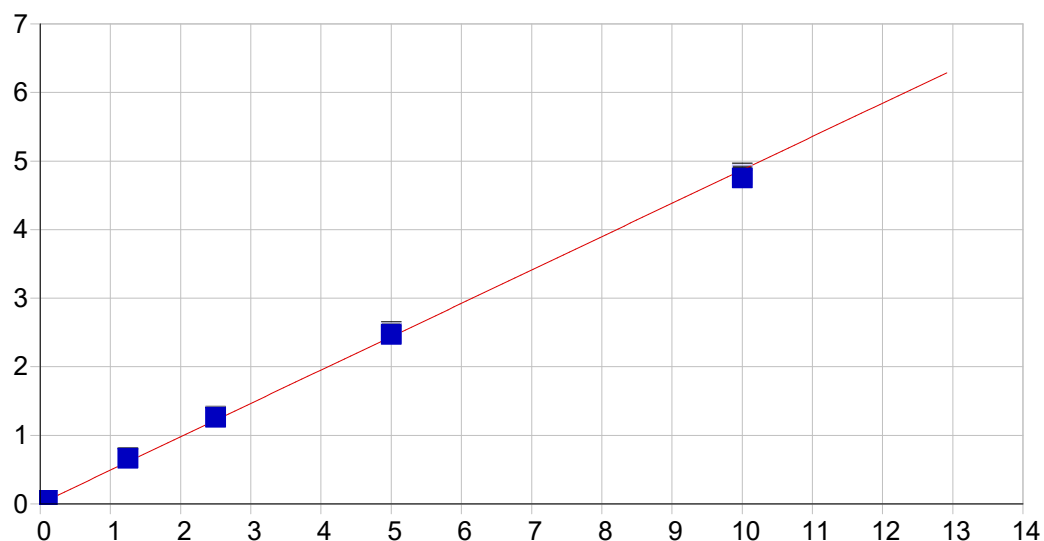


S 182.034 {485}

Date of Fit: 10/02/2019 17:29:56 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset):	0.000188	Re-Slope:	1.000000
A1 (Gain):	0.030429	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	0.999744	Status:	OK.
Std Error of Est:	0.000037		
Predicted MDL:	0.004724		
Predicted MQL:	0.015747		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00002	.000	.000	.00019	.000	1
S1	.10000	.08889	-.011	-11.1	.00289	.000	1
S2	1.2500	1.1833	-.067	-5.34	.03627	.000	1
S3	2.5000	2.4122	-.088	-3.51	.07375	.000	1
S4	5.0000	5.0545	.054	1.09	.15431	.001	1
S5	10.000	10.111	.111	1.11	.30850	.001	1

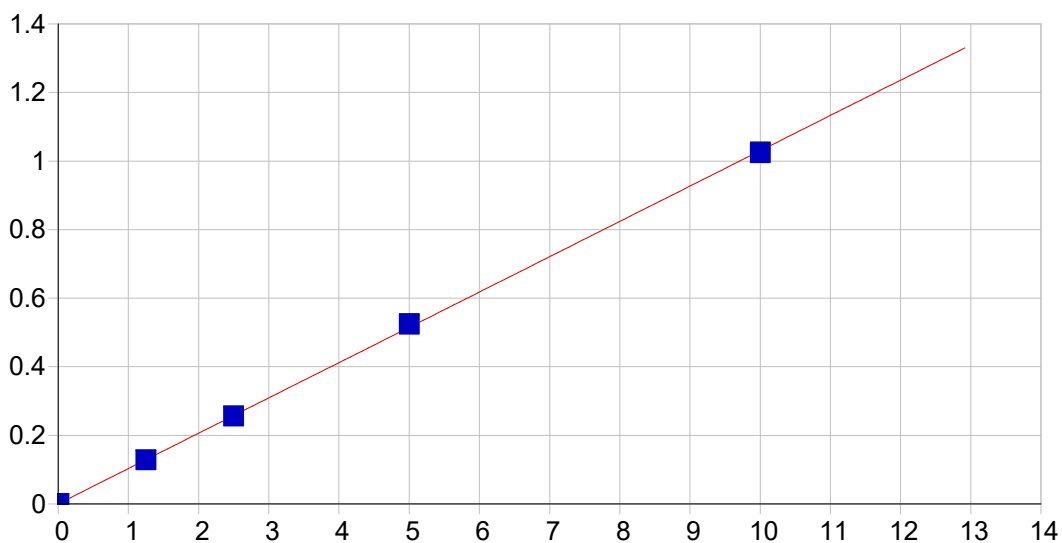


Si 251.611 {134}

Date of Fit: 10/02/2019 17:29:56 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset):	0.005679	Re-Slope:	1.000000
A1 (Gain):	0.486439	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	0.999560	Status:	OK.
Std Error of Est:	0.000774		
Predicted MDL:	0.001014		
Predicted MQL:	0.003379		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00001	-.000	.000	.00568	.000	1
S1	.10000	.09790	-.002	-2.10	.05347	.001	1
S2	1.2500	1.3474	.097	7.80	.66651	.006	1
S3	2.5000	2.5791	.079	3.16	1.2710	.009	1
S4	5.0000	5.0672	.067	1.34	2.4921	.019	1
S5	10.000	9.7584	-.242	-2.42	4.7956	.030	1

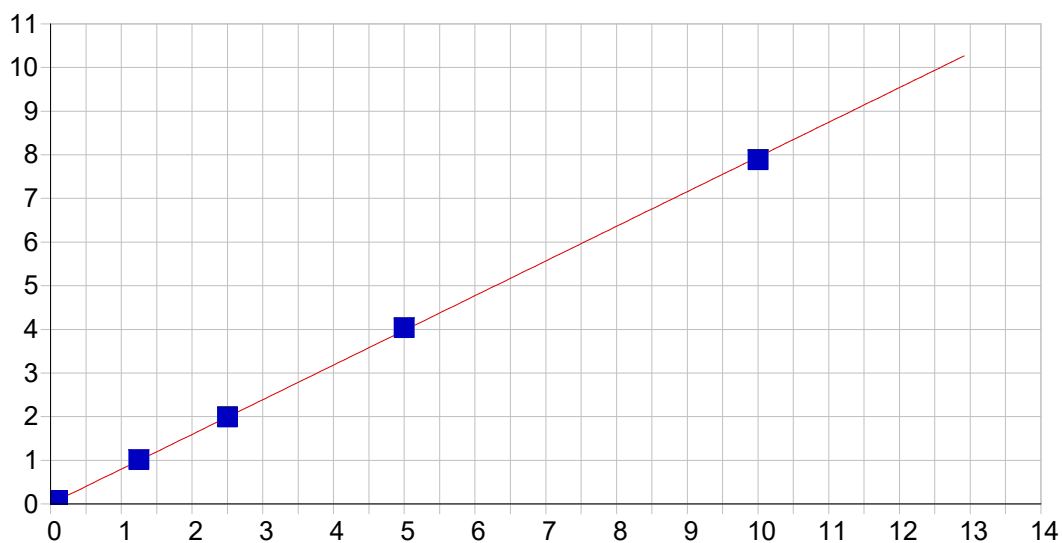


Sn 189.989 {478}

Date of Fit: 10/02/2019 17:29:56 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset):	0.000188	Re-Slope:	1.000000
A1 (Gain):	0.102972	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	0.999935	Status:	OK.
Std Error of Est:	0.000016		
Predicted MDL:	0.001358		
Predicted MQL:	0.004526		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	.00019	.000	1
S1	.00700	.00510	-.002	-27.2	.00069	.000	1
S2	1.2500	1.2418	-.008	-.653	.12780	.000	1
S3	2.5000	2.4816	-.018	-.737	.25519	.001	1
S4	5.0000	5.0841	.084	1.68	.52265	.002	1
S5	10.000	9.9443	-.056	-.557	1.0220	.002	1

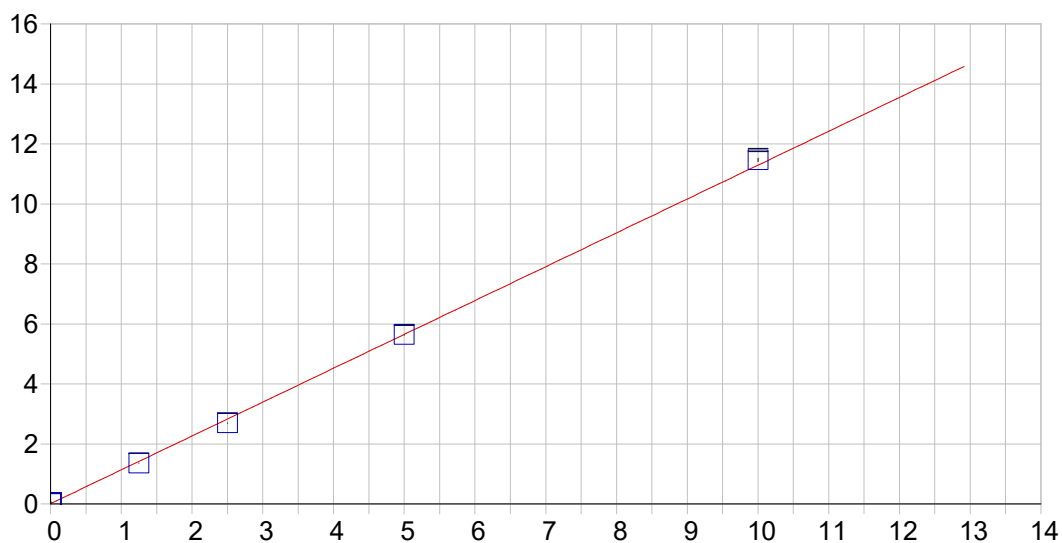


Ti 336.121 {100}

Date of Fit: 10/02/2019 17:29:56 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset):	0.002832	Re-Slope:	1.000000
A1 (Gain):	0.794799	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	0.999931	Status:	OK.
Std Error of Est:	0.000495		
Predicted MDL:	0.000879		
Predicted MQL:	0.002931		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	.00284	.001	1
S1	.10000	.09364	-.006	-6.36	.07724	.001	1
S2	1.2500	1.2738	.024	1.90	1.0149	.003	1
S3	2.5000	2.4993	-.001	-.027	1.9886	.002	1
S4	5.0000	5.0701	.070	1.40	4.0312	.008	1
S5	10.000	9.9131	-.087	-.869	7.8791	.011	1

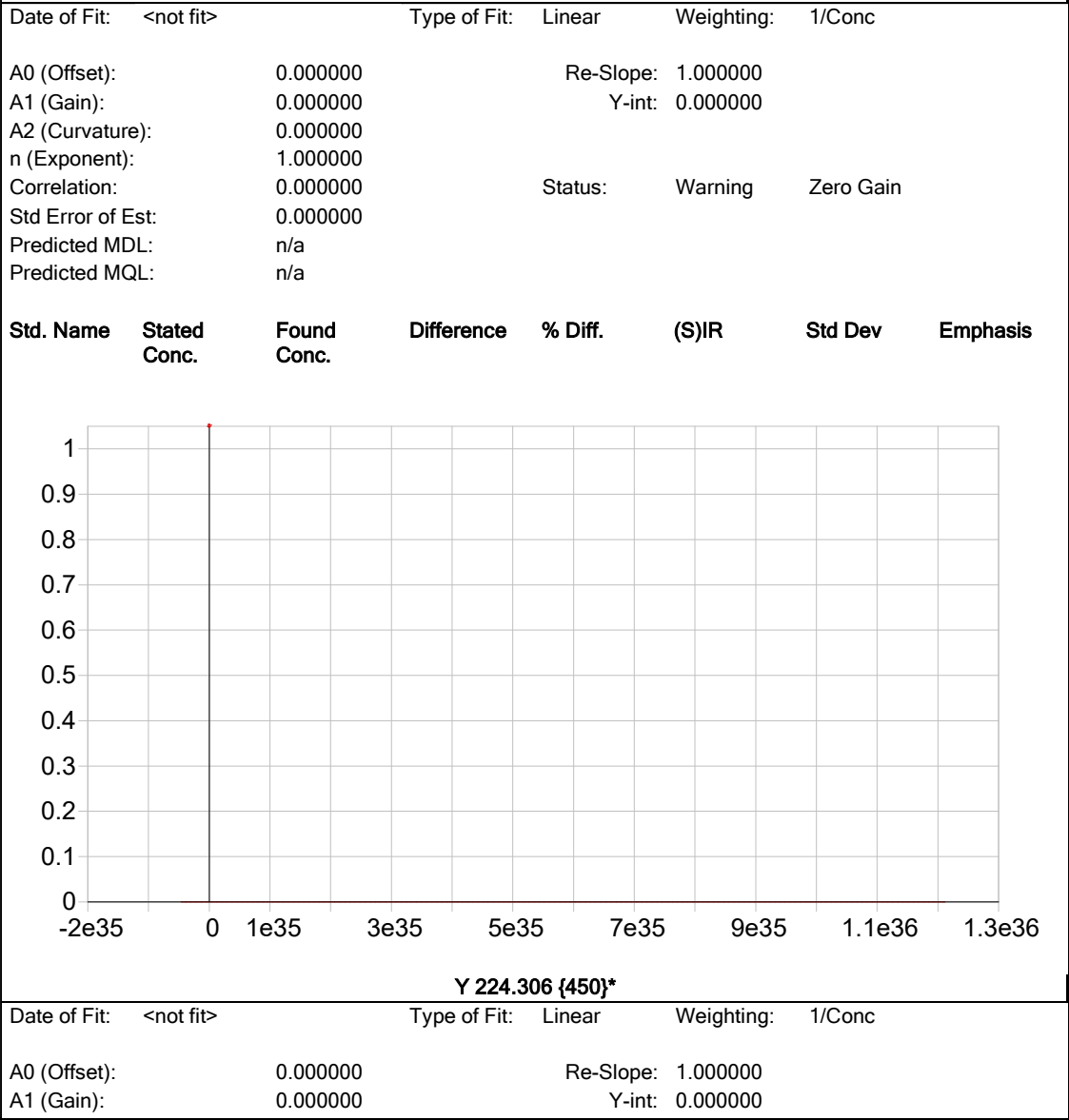
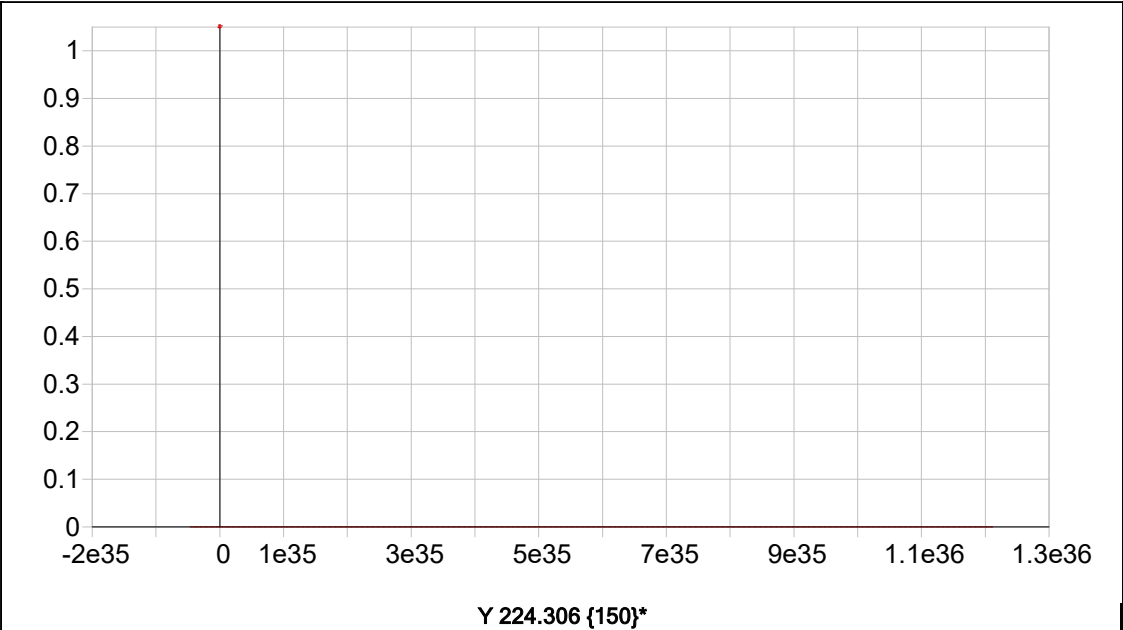


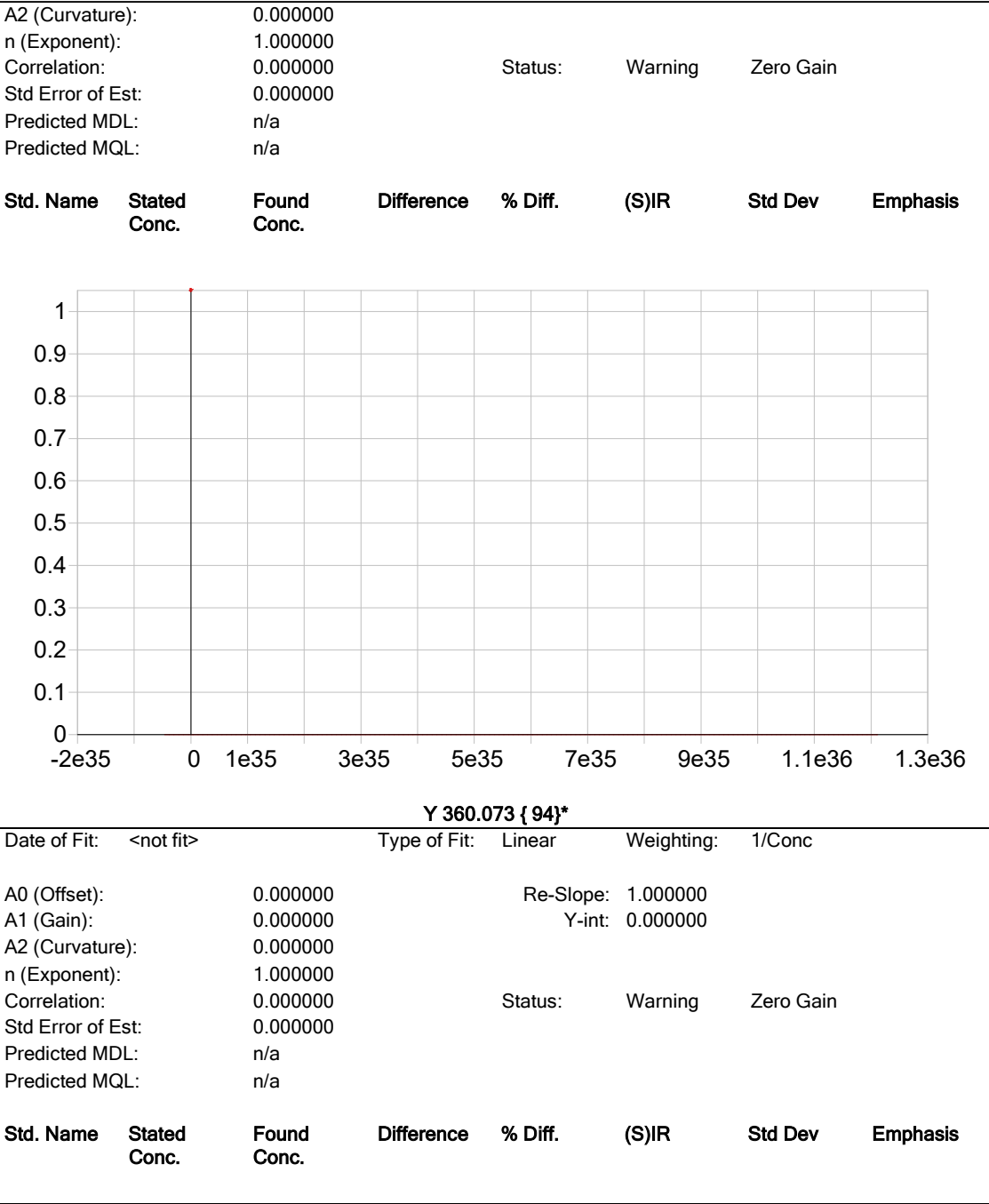
Li 670.784 { 50}

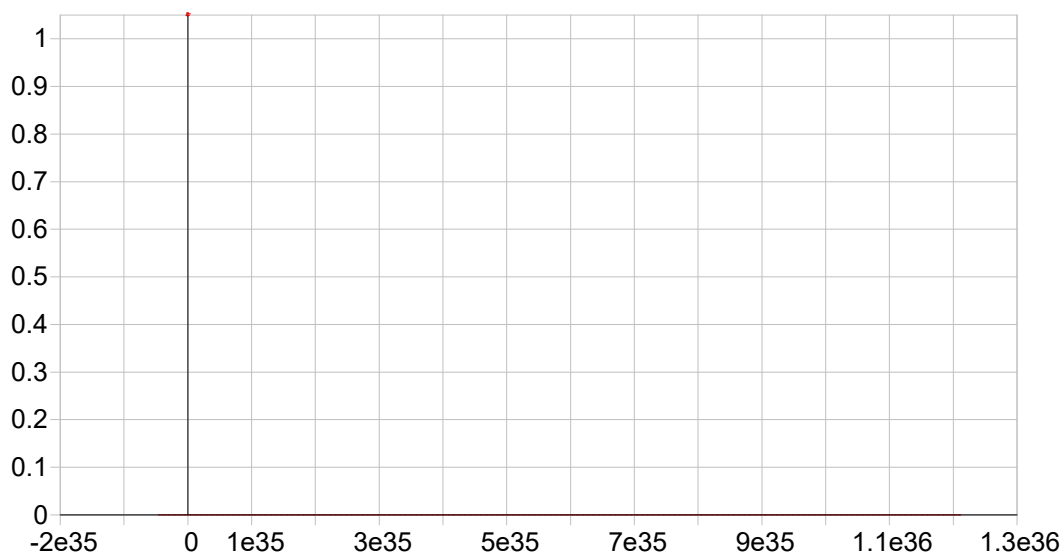
Date of Fit: 10/02/2019 17:29:56 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.007996 Re-Slope: 1.000000
 A1 (Gain): 1.128456 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.998255 Status: OK.
 Std Error of Est: 0.001371
 Predicted MDL: 0.001578
 Predicted MQL: 0.005261

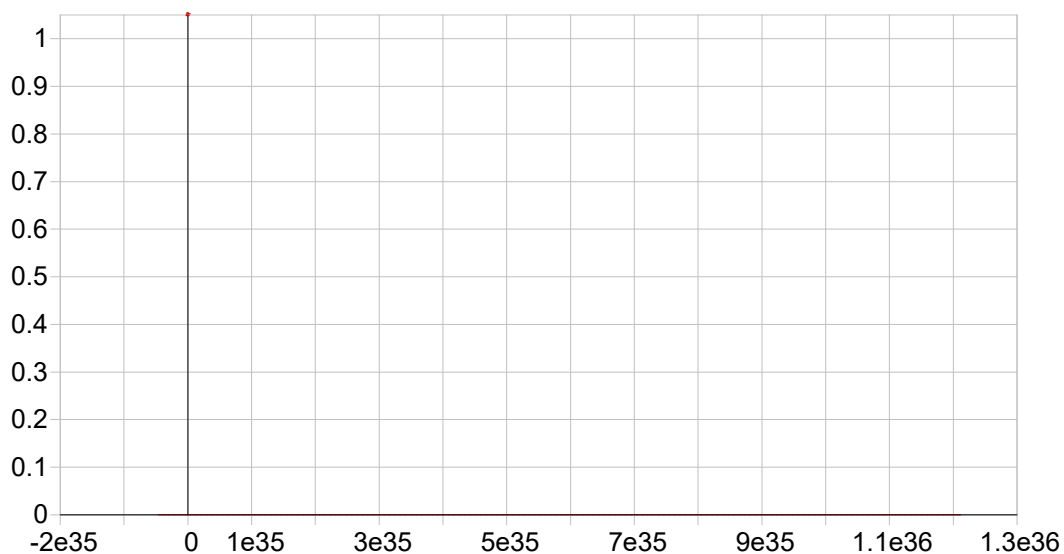
Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00003	-.000	.000	.00796	.001	1
S5	10.000	10.156	.156	1.56	11.468	.054	1
S4	5.0000	4.9889	-.011	-.223	5.6377	.019	1
S3	2.5000	2.3817	-.118	-4.73	2.6956	.005	1
S2	1.2500	1.1951	-.055	-4.40	1.3566	.006	1
S1	.01500	.04376	.029	192.	.05738	.002	1

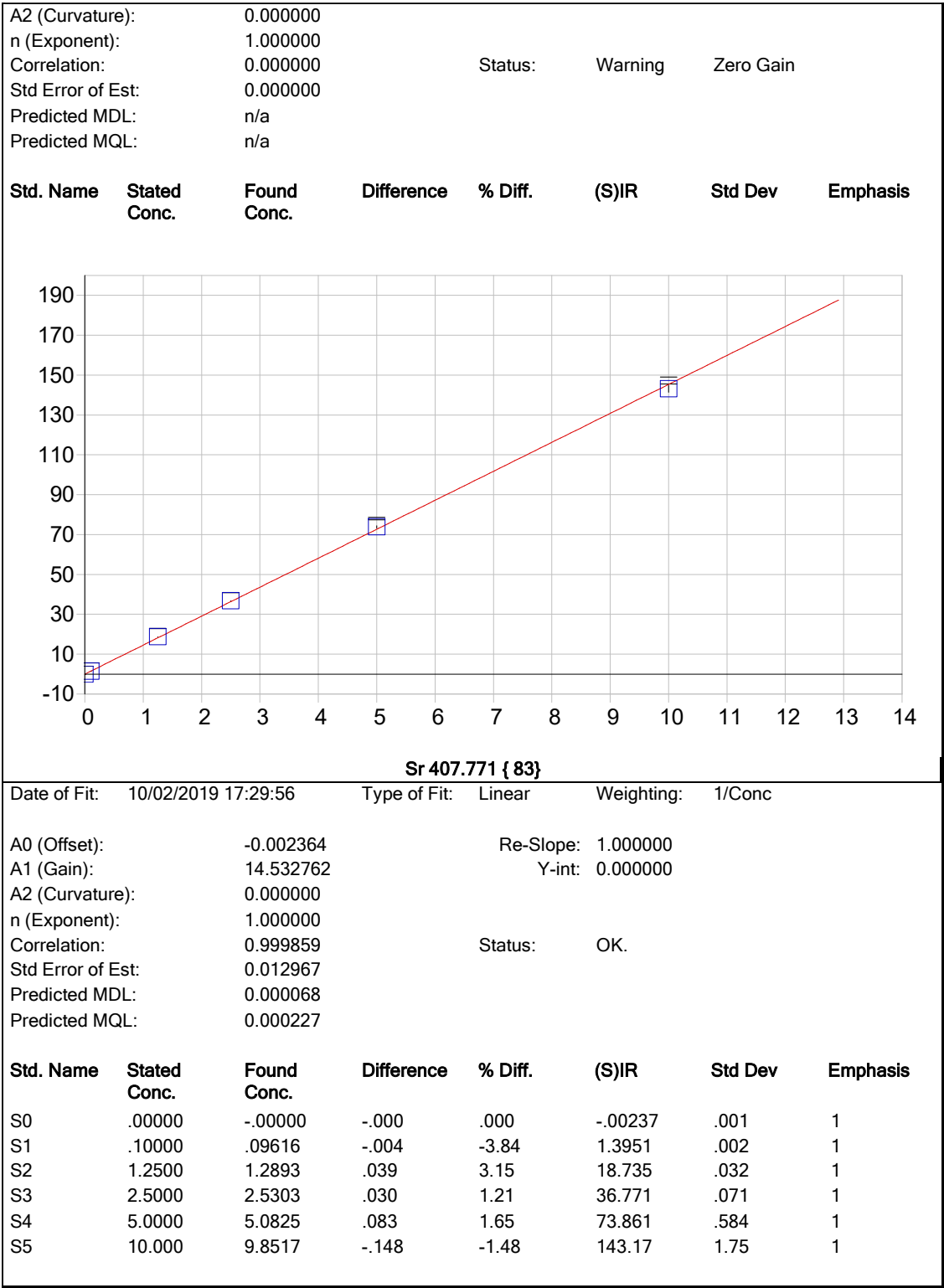






Y 371.030 { 91}*





Sample Name: S0 Acquired: 10/02/2019 12:25:17 Type: Cal
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v978) Mode: IR Corr. Factor: 1.000000
User: BIN 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	-.00015	-.00038	.00069	.00061	.00053	.00628	.00417	-.00081
Stddev	.00005	.00015	.00022	.00021	.00013	.00076	.00185	.00017
%RSD	34.990	40.890	32.723	34.914	25.338	12.135	44.447	20.637
#1	-.00009	-.00026	.00088	.00080	.00046	.00715	.00527	-.00065
#2	-.00019	-.00055	.00044	.00064	.00068	.00596	.00203	-.00098
#3	-.00017	-.00032	.00074	.00038	.00044	.00573	.00521	-.00081
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	.00027	.00103	.00001	.00043	.00293	-.00001	.00053	-.00022
Stddev	.00023	.00105	.00004	.00018	.00074	.00011	.00017	.00026
%RSD	86.839	101.60	821.54	40.759	25.365	1552.5	32.943	116.53
#1	.00021	.00136	-.00002	.00059	.00375	.00012	.00069	-.00034
#2	.00052	-.00014	.00006	.00046	.00230	-.00005	.00034	.00007
#3	.00007	.00187	-.00002	.00024	.00273	-.00009	.00056	-.00040
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	-.00148	-.00078	-.00775	.00035	.00089	.02982	-.00079	-.00004
Stddev	.00024	.00004	.00021	.00032	.00100	.00105	.00011	.00032
%RSD	16.049	5.7097	2.7616	93.205	113.12	3.5204	14.295	785.61
#1	-.00152	-.00073	-.00796	.00004	.00071	.03003	-.00088	-.00037
#2	-.00169	-.00082	-.00753	.00031	-.00002	.02869	-.00066	-.00001
#3	-.00122	-.00079	-.00776	.00069	.00197	.03076	-.00082	.00026
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	.00012	.00019	.00568	.00019	.00284	.00796	-.00237	
Stddev	.00013	.00008	.00050	.00010	.00059	.00108	.00086	
%RSD	104.44	44.306	8.8060	50.530	20.652	13.533	36.330	
#1	.00012	.00012	.00611	.00014	.00233	.00678	-.00312	
#2	-.00001	.00028	.00513	.00030	.00348	.00889	-.00257	
#3	.00025	.00017	.00579	.00012	.00270	.00823	-.00143	

Sample Name: S0 Acquired: 10/02/2019 12:25:17 Type: Cal
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v978) Mode: IR Corr. Factor: 1.000000
User: BIN 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	1360.6	2474.8	32461.	6555.5	2618.2
Stddev	2.9	5.7	48.	18.6	2.5
%RSD	.21252	.23003	.14882	.28373	.09623
#1	1360.2	2468.2	32452.	6542.9	2617.2
#2	1363.6	2477.5	32418.	6576.9	2616.4
#3	1357.9	2478.6	32513.	6546.8	2621.1

Sample Name: S1 Acquired: 10/02/2019 12:29:25 Type: Cal
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v978) Mode: IR Corr. Factor: 1.000000
User: BIN 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	.00020	.00151	.00315	.00266	.00949	.02878	.93972	.02411
Stddev	.00017	.00012	.00009	.00005	.00046	.00028	.00315	.00065
%RSD	85.017	8.2314	2.9457	1.8220	4.8824	.96915	.33543	2.6969
#1	.00038	.00166	.00305	.00264	.00947	.02881	.94184	.02341
#2	.00005	.00144	.00317	.00271	.00996	.02904	.94122	.02469
#3	.00017	.00144	.00323	.00263	.00903	.02848	.93609	.02425
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	.01575	.47515	.00210	.05325	.01138	.00465	.01798	.07756
Stddev	.00028	.00272	.00005	.00065	.00042	.00025	.00066	.00025
%RSD	1.7697	.57299	2.1855	1.2191	3.6667	5.4783	3.6913	.32126
#1	.01548	.47793	.00206	.05332	.01170	.00461	.01774	.07752
#2	.01573	.47502	.00209	.05257	.01152	.00492	.01873	.07782
#3	.01604	.47249	.00215	.05386	.01091	.00441	.01748	.07733
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	.03069	.00404	.02317	.00846	.03694	.16603	-.00028	.00584
Stddev	.00011	.00013	.00082	.00055	.00017	.00260	.00004	.00026
%RSD	.35129	3.2184	3.5266	6.4534	.47089	1.5690	14.058	4.4034
#1	.03069	.00392	.02232	.00785	.03683	.16306	-.00033	.00602
#2	.03059	.00418	.02324	.00861	.03714	.16707	-.00025	.00554
#3	.03080	.00400	.02395	.00891	.03685	.16795	-.00028	.00595
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	.00574	.00289	.05347	.00069	.07724	.05738	1.3951	
Stddev	.00014	.00005	.00077	.00018	.00084	.00207	.0024	
%RSD	2.5041	1.6417	1.4311	26.333	1.0927	3.5993	.17020	
#1	.00560	.00290	.05288	.00089	.07794	.05965	1.3939	
#2	.00575	.00284	.05434	.00067	.07748	.05685	1.3979	
#3	.00589	.00293	.05320	.00052	.07630	.05563	1.3936	

Sample Name: S1 Acquired: 10/02/2019 12:29:25 Type: Cal
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v978) Mode: IR Corr. Factor: 1.000000
User: BIN 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	1376.2	2489.8	32554.	6494.3	2654.8
Stddev	6.3	5.9	61.	24.7	6.5
%RSD	.45996	.23885	.18612	.38044	.24588
#1	1370.6	2489.7	32484.	6469.3	2655.2
#2	1375.0	2495.8	32595.	6495.0	2661.1
#3	1383.1	2483.9	32582.	6518.7	2648.1

Sample Name: S2 Acquired: 10/02/2019 12:33:31 Type: Cal
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v978) Mode: IR Corr. Factor: 1.000000
User: BIN 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	.05122	.09938	1.6891	.07844	.19840	4.2871	12.135	.65392
Stddev	.00044	.00076	.0037	.00063	.00027	.0036	.043	.00561
%RSD	.85332	.76412	.21771	.80106	.13705	.08312	.35089	.85752

#1	.05103	.09868	1.6881	.07777	.19847	4.2848	12.141	.66037
#2	.05172	.09926	1.6860	.07852	.19862	4.2852	12.175	.65114
#3	.05091	.10019	1.6932	.07901	.19810	4.2912	12.091	.65024

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	2.0409	5.9984	.79293	.70106	1.1413	1.7502	4.2257	.99629
Stddev	.0002	.0171	.00174	.00119	.0051	.0045	.0079	.00030
%RSD	.00942	.28528	.21989	.16935	.44549	.25455	.18615	.02993

#1	2.0410	6.0180	.79461	.70147	1.1360	1.7506	4.2324	.99613
#2	2.0406	5.9910	.79305	.69972	1.1417	1.7456	4.2170	.99663
#3	2.0410	5.9862	.79113	.70198	1.1461	1.7545	4.2276	.99611

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	.51307	.15233	.23677	.10379	2.3385	1.1131	.07085	.64893
Stddev	.00086	.00128	.00069	.00036	.0185	.0025	.00097	.00781
%RSD	.16783	.84328	.29092	.34215	.79069	.22462	1.3666	1.2042

#1	.51252	.15312	.23756	.10394	2.3180	1.1136	.06976	.65796
#2	.51263	.15302	.23628	.10404	2.3540	1.1104	.07162	.64457
#3	.51406	.15085	.23647	.10338	2.3435	1.1153	.07116	.64427

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	.70728	.03627	.66651	.12780	1.0149	1.3566	18.735
Stddev	.00092	.00042	.00610	.00017	.0026	.0058	.032
%RSD	.13049	1.1472	.91464	.13058	.25146	.42879	.16991

#1	.70672	.03590	.67273	.12782	1.0134	1.3633	18.765
#2	.70835	.03621	.66625	.12762	1.0135	1.3535	18.702
#3	.70678	.03672	.66055	.12795	1.0179	1.3529	18.738

Sample Name: S2 Acquired: 10/02/2019 12:33:31 Type: Cal
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v978) Mode: IR Corr. Factor: 1.000000
User: BIN 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	1317.6	2405.9	31747.	6547.1	2466.0
Stddev	3.6	4.7	112.	60.4	4.0
%RSD	.27294	.19605	.35395	.92270	.16249
#1	1315.9	2404.5	31652.	6477.6	2461.9
#2	1315.2	2402.0	31718.	6587.7	2466.1
#3	1321.7	2411.1	31871.	6575.9	2469.9

Sample Name: S3 Acquired: 10/02/2019 12:37:24 Type: Cal
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v978) Mode: IR Corr. Factor: 1.000000
User: BIN 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	.10292	.19697	3.3422	.15208	.39497	8.4803	24.019	1.2759
Stddev	.00035	.00105	.0094	.00044	.00164	.0111	.036	.0106
%RSD	.33568	.53199	.27990	.29235	.41547	.13122	.15059	.83169

#1	.10299	.19674	3.3476	.15259	.39559	8.4689	24.047	1.2881
#2	.10255	.19605	3.3314	.15176	.39311	8.4807	24.033	1.2689
#3	.10323	.19811	3.3477	.15189	.39622	8.4911	23.978	1.2708

Elem	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598	Mn2576	Mg2790
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	4.0312	11.744	1.5421	1.3917	2.2445	3.4084	8.2023	1.9632
Stddev	.0050	.008	.0028	.0038	.0008	.0075	.0128	.0048
%RSD	.12455	.06463	.18400	.27621	.03626	.21894	.15618	.24316

#1	4.0329	11.741	1.5402	1.3930	2.2439	3.4001	8.1918	1.9577
#2	4.0255	11.753	1.5454	1.3873	2.2442	3.4107	8.1984	1.9666
#3	4.0351	11.738	1.5408	1.3947	2.2454	3.4145	8.2165	1.9652

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	1.0202	.30154	.47147	.20293	4.7001	2.2136	.14543	1.2795
Stddev	.0022	.00226	.00187	.00062	.0646	.0023	.00071	.0063
%RSD	.21031	.74991	.39636	.30500	1.3737	.10563	.48669	.49545

#1	1.0216	.30017	.47329	.20279	4.6272	2.2123	.14508	1.2859
#2	1.0178	.30415	.47157	.20360	4.7501	2.2163	.14497	1.2795
#3	1.0213	.30030	.46955	.20239	4.7230	2.2123	.14625	1.2732

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	1.4101	.07375	1.2710	.25519	1.9886	2.6956	36.771
Stddev	.0031	.00027	.0087	.00061	.0022	.0051	.071
%RSD	.22011	.36505	.68623	.24054	.10949	.19066	.19290

#1	1.4095	.07362	1.2811	.25552	1.9870	2.7010	36.743
#2	1.4073	.07357	1.2666	.25448	1.9878	2.6950	36.717
#3	1.4135	.07406	1.2654	.25556	1.9911	2.6907	36.851

Sample Name: S3 Acquired: 10/02/2019 12:37:24 Type: Cal
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v978) Mode: IR Corr. Factor: 1.000000
User: BIN 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	1264.5	2312.1	31219.	6478.2	2350.4
Stddev	18.5	3.9	309.	16.5	3.9
%RSD	1.4640	.17009	.98974	.25448	.16410
#1	1281.4	2309.6	31511.	6469.3	2347.7
#2	1244.7	2316.7	30896.	6468.0	2354.8
#3	1267.3	2310.1	31250.	6497.2	2348.6

Sample Name: S4 Acquired: 10/02/2019 12:41:15 Type: Cal
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v978) Mode: IR Corr. Factor: 1.000000
User: BIN 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	.21439	.39336	6.8699	.30364	.81544	17.495	47.689	2.5473
Stddev	.00161	.00096	.0043	.00117	.00178	.039	.144	.0113
%RSD	.75273	.24313	.06210	.38507	.21882	.22427	.30152	.44435

#1	.21487	.39342	6.8741	.30443	.81648	17.505	47.524	2.5534
#2	.21259	.39237	6.8656	.30230	.81338	17.452	47.789	2.5342
#3	.21571	.39428	6.8700	.30419	.81645	17.528	47.754	2.5543

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	8.1302	23.844	3.0792	2.8385	4.5370	6.8153	16.517	4.0136
Stddev	.0111	.066	.0098	.0019	.0093	.0236	.048	.0120
%RSD	.13706	.27843	.31837	.06550	.20454	.34554	.28875	.29804

#1	8.1377	23.885	3.0880	2.8396	4.5437	6.8268	16.547	4.0165
#2	8.1174	23.768	3.0686	2.8364	4.5264	6.7882	16.462	4.0005
#3	8.1356	23.880	3.0810	2.8396	4.5409	6.8309	16.542	4.0239

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	2.0641	.61895	.97658	.41018	9.9494	4.5616	.30279	2.5619
Stddev	.0022	.00228	.00071	.00165	.0416	.0078	.00130	.0164
%RSD	.10411	.36849	.07267	.40314	.41775	.17058	.42929	.64175

#1	2.0626	.62015	.97611	.40916	9.9164	4.5546	.30250	2.5718
#2	2.0631	.61632	.97622	.40929	9.9961	4.5603	.30165	2.5429
#3	2.0666	.62039	.97739	.41209	9.9358	4.5700	.30420	2.5709

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707	Sr4077
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2.8962	.15431	2.4921	.52265	4.0312	5.6377	73.861
Stddev	.0129	.00084	.0191	.00169	.0084	.0190	.584
%RSD	.44431	.54193	.76541	.32306	.20823	.33615	.79015

#1	2.9013	.15431	2.5027	.52163	4.0332	5.6497	73.724
#2	2.8816	.15348	2.4700	.52171	4.0219	5.6159	73.358
#3	2.9058	.15515	2.5034	.52459	4.0383	5.6475	74.500

Sample Name: S4 Acquired: 10/02/2019 12:41:15 Type: Cal
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v978) Mode: IR Corr. Factor: 1.000000
User: BIN 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	1177.6	2177.2	30361.	6392.6	2203.6
Stddev	9.1	6.7	30.	12.9	2.2
%RSD	.76878	.30614	.09978	.20205	.10082
#1	1183.5	2174.6	30327.	6382.8	2202.7
#2	1167.2	2184.8	30385.	6407.3	2206.1
#3	1182.2	2172.2	30372.	6387.8	2201.9

Sample Name: S5 Acquired: 10/02/2019 12:45:20 Type: Cal
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v978) Mode: IR Corr. Factor: 1.000000
User: BIN 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	.43719	.73779	13.440	.59783	1.6737	34.816	94.958	4.9802
Stddev	.00157	.00083	.016	.00062	.0020	.077	.928	.0405
%RSD	.35812	.11185	.11823	.10421	.11979	.22148	.97749	.81310

#1	.43552	.73816	13.436	.59855	1.6716	34.729	94.831	4.9653
#2	.43744	.73837	13.458	.59747	1.6757	34.843	95.944	5.0261
#3	.43862	.73685	13.427	.59746	1.6737	34.876	94.101	4.9493

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	15.671	46.292	5.8998	5.5320	8.9048	13.145	31.833	7.9276
Stddev	.030	.160	.0121	.0105	.0222	.015	.077	.0134
%RSD	.18852	.34473	.20564	.19052	.24877	.11733	.24274	.16877

#1	15.667	46.189	5.9096	5.5274	8.8850	13.131	31.787	7.9133
#2	15.702	46.476	5.8862	5.5441	8.9006	13.161	31.922	7.9397
#3	15.644	46.211	5.9036	5.5246	8.9287	13.144	31.789	7.9299

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	4.0056	1.2349	1.9360	.79203	20.593	9.1584	.59513	4.9652
Stddev	.0047	.0090	.0037	.00080	.083	.0207	.00112	.0330
%RSD	.11677	.73060	.19233	.10069	.40104	.22547	.18849	.66385

#1	4.0028	1.2451	1.9323	.79289	20.689	9.1379	.59623	4.9728
#2	4.0110	1.2314	1.9397	.79131	20.540	9.1582	.59519	4.9938
#3	4.0030	1.2281	1.9360	.79189	20.552	9.1792	.59398	4.9291

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707	Sr4077
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	5.8648	.30850	4.7956	1.0220	7.8791	11.468	143.17
Stddev	.0077	.00076	.0295	.0022	.0112	.054	1.75
%RSD	.13222	.24725	.61575	.21614	.14267	.46839	1.2207

#1	5.8607	.30917	4.7919	1.0223	7.8672	11.451	141.66
#2	5.8738	.30867	4.8268	1.0241	7.8804	11.528	145.08
#3	5.8600	.30767	4.7680	1.0197	7.8896	11.425	142.77

Sample Name: S5 Acquired: 10/02/2019 12:45:20 Type: Cal
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v978) Mode: IR Corr. Factor: 1.000000
 User: BIN 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	1055.6	1985.5	29173.	6202.7	2054.8
Stddev	8.4	6.1	130.	49.0	5.4
%RSD	.79570	.30665	.44677	.78969	.26147
#1	1049.8	1989.2	29023.	6204.8	2057.0
#2	1051.8	1978.4	29243.	6152.8	2048.6
#3	1065.3	1988.7	29254.	6250.7	2058.7

Sample Name: S6 Acquired: 10/02/2019 12:49:25 Type: Cal
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v978) Mode: IR Corr. Factor: 1.000000
User: BIN 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	91.795	73.209	34.808	13.137	5.3422
Stddev	.924	.911	.198	.037	.0077
%RSD	1.0061	1.2445	.56909	.28269	.14496

#1	92.856	74.244	34.965	13.176	5.3511
#2	91.173	72.530	34.586	13.102	5.3372
#3	91.355	72.852	34.874	13.132	5.3382

Int. Std.	Y_3710
Units	Cts/S
Avg	6119.3
Stddev	53.6
%RSD	.87552

#1	6057.7
#2	6144.7
#3	6155.4

Sample Name: ICV Acquired: 10/02/2019 12:53:49 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v978) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: ICV Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.9749257	1.088256	1.012653	1.047606	1.027221	2.519491
Stddev	.0062347	.002163	.003441	.003847	.003417	.013069
%RSD	.6395028	.1987665	.3397592	.3672224	.3326595	.5187080

#1	.9679002	1.090584	1.016625	1.043205	1.030355	2.511458
#2	.9770770	1.086308	1.010689	1.050331	1.023578	2.512444
#3	.9797998	1.087877	1.010643	1.049281	1.027731	2.534571

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.5287382	.5096828	.5179260	10.84191	.5249805	.5112902
Stddev	.0029482	.0013760	.0013420	.06583	.0006396	.0014885
%RSD	.5575860	.2699768	.2591129	.6071804	.1218227	.2911193

#1	.5261919	.5101441	.5193809	10.80365	.5247131	.5130009
#2	.5319681	.5107688	.5167366	10.91793	.5257104	.5105787
#3	.5280544	.5081353	.5176605	10.80416	.5245181	.5102910

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.4926782	5.454765	.5205003	6.252032	.5317181	.5083345
Stddev	.0033570	.025463	.0021682	.063951	.0015546	.0008064
%RSD	.6813822	.4667964	.4165623	1.022884	.2923628	.1586375

#1	.4892015	5.434996	.5183883	6.189641	.5333661	.5076334
#2	.4959011	5.483497	.5227207	6.317437	.5302779	.5081544
#3	.4929322	5.445801	.5203919	6.249019	.5315102	.5092157

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	10.14442	.5314388	.9560893	9.748000	F .0072146	F .4631725
Stddev	.28386	.0031189	.0061895	.068012	.0002611	.0012459
%RSD	2.798176	.5868851	.6473721	.6977038	3.618993	.2689808

#1	9.83316	.5318650	.9563324	9.745761	.0073740	.4640814
#2	10.21107	.5281286	.9497818	9.817104	.0069133	.4617523
#3	10.38902	.5343226	.9621536	9.681135	.0073565	.4636837

Sample Name: ICV Acquired: 10/02/2019 12:53:49 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v978) Mode: CONC Corr. Factor: 1.000000
User: BIN 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 .4292848	F .0184970	F .4527402	F .4188701	F .4408046	F .0087424
Stddev	.0016332	.0076451	.0010315	.0013074	.0015185	.0010667
%RSD	.3804386	41.33173	.2278319	.3121309	.3444920	12.20103

#1	.4291648	.0096878	.4527572	.4173933	.4390985	.0099731
#2	.4277150	.0233987	.4537630	.4198798	.4420084	.0080847
#3	.4309747	.0224044	.4517003	.4193371	.4413067	.0081694

Elem	Sr4077
Units	ppm
Avg	F .0119322
Stddev	.0001453
%RSD	1.217514

#1	.0117960
#2	.0120851
#3	.0119156

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1380.191	2490.164	32685.64	6657.274	2642.979
Stddev	8.030	5.260	52.01	9.512	5.887
%RSD	.5818253	.2112111	.1591115	.1428819	.2227369

#1	1374.331	2492.126	32661.59	6650.122	2638.570
#2	1389.344	2494.161	32745.32	6653.629	2649.664
#3	1376.897	2484.206	32650.01	6668.069	2640.703

Sample Name: ICB Acquired: 10/02/2019 12:57:44 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v978) Mode: CONC Corr. Factor: 1.000000
User: BIN 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	-.001102	-.001381	-.000035	-.001436	-.000912	-.001687	-.000577
Stddev	.002536	.003295	.000729	.005314	.001037	.000921	.000239
%RSD	230.0788	238.5860	2077.662	369.9890	113.6782	54.60047	41.51657

#1	-.000932	-.004193	-.000462	-.000880	-.000850	-.002723	-.000352
#2	.001344	-.002195	-.000450	-.007007	.000092	-.001376	-.000828
#3	-.003720	.002244	.000807	.003578	-.001979	-.000961	-.000550

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000052	.0000213	-.001151	.0001121	.0000118	.0000221	.0051455
Stddev	.000040	.0000627	.002019	.0001298	.0001264	.0007206	.0097913
%RSD	77.71131	294.1214	175.4198	115.8701	1068.829	3266.533	190.2878

#1	-.000016	.0000350	-.003166	.0000314	.0001479	.0008403	.0110105
#2	-.000044	.0000761	.000871	.0000430	-.000010	-.000256	.0105838
#3	-.000095	-.000047	-.001157	.0002618	-.000102	-.000518	-.006158

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0000022	-.005478	-.000255	-.000163	.2801254	-.001151	-.000882
Stddev	.0001777	.023874	.000324	.000388	.0045711	.001304	.000494
%RSD	8159.678	435.7838	126.7700	237.4410	1.631806	113.3038	56.01089

#1	-.000203	-.027362	-.000304	-.000574	.2803815	.000352	-.000939
#2	.000102	-.009054	-.000552	.000197	.2845630	-.001824	-.000362
#3	.000107	.019982	.000090	-.000114	.2754316	-.001981	-.001346

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1115775	.0006493	.0109998	.0001932	.0011562	.0012960	.0004179
Stddev	.0514562	.0026238	.0007909	.0001553	.0015458	.0012535	.0009399
%RSD	46.11702	404.0778	7.190131	80.35942	133.6933	96.72583	224.9305

#1	.1707328	-.001289	.0117108	.0000235	-.000611	.0000805	.0006612
#2	.0868189	.003635	.0111407	.0003280	.002257	.0012230	.0012122
#3	.0771807	-.000399	.0101479	.0002281	.001823	.0025844	-.000620

Sample Name: ICB Acquired: 10/02/2019 12:57:44 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v978) Mode: CONC Corr. Factor: 1.000000
 User: BIN Custom ID1: ICB Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.0001377	.0044055	.0000508
Stddev	.0004698	.0017871	.0000078
%RSD	341.2056	40.56618	15.41135

#1	.0006676	.0045949	.0000505
#2	-.000228	.0060903	.0000588
#3	-.000027	.0025312	.0000432

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1374.302	2479.115	32549.77	6583.166	2623.417
Stddev	4.720	4.244	140.93	59.281	2.187
%RSD	.3434381	.1711812	.4329530	.9004961	.0833547

#1	1378.561	2476.686	32637.48	6642.578	2625.751
#2	1369.227	2476.644	32387.22	6524.016	2623.085
#3	1375.117	2484.016	32624.62	6582.902	2621.416

Sample Name: ICSA Acquired: 10/02/2019 13:01:52 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v978) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: ICSA Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0022808	-.000980	-.002704	.0024432	.0017582	230.1801
Stddev	.0022935	.003685	.000968	.0059760	.0020300	.4426
%RSD	100.5594	375.9858	35.78757	244.5932	115.4607	.1922710

#1	-.000131	.002965	-.002830	.0092595	.0017549	229.7520
#2	.002540	-.004333	-.003602	-.000035	-.000270	230.6359
#3	.004434	-.001572	-.001679	-.001895	.003790	230.1525

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0059425	.0013644	.0022244	248.5571	.0496101	.0008109
Stddev	.0004015	.0000629	.0000119	.9509	.0007501	.0000376
%RSD	6.757161	4.611059	.5364390	.3825693	1.512048	4.636862

#1	.0061754	.0013947	.0022321	247.7822	.0498822	.0007691
#2	.0061732	.0014063	.0022106	249.6183	.0487619	.0008420
#3	.0054788	.0012920	.0022304	248.2709	.0501863	.0008217

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0022785	97.26663	.0145184	249.2976	.0017740	-.001620
Stddev	.0014860	.09720	.0003008	.4826	.0001153	.000465
%RSD	65.22051	.0999326	2.071686	.1935814	6.496685	28.71797

#1	.0033357	97.15646	.0148440	248.7678	.0018021	-.001977
#2	.0005794	97.34027	.0144602	249.7122	.0018726	-.001789
#3	.0029203	97.30316	.0142510	249.4126	.0016473	-.001094

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.091678	.0012598	.0019522	-.046184	F .0111139	.0101207
Stddev	.448065	.0022788	.0008236	.037151	.0021884	.0007855
%RSD	488.7383	180.8828	42.19100	80.44214	19.69042	7.761496

#1	.022270	.0031977	.0010045	-.010766	.0129201	.0099933
#2	.288411	.0018325	.0023568	-.084854	.0117412	.0094067
#3	-.585715	-.001251	.0024952	-.042930	.0086803	.0109621

Sample Name: ICSA Acquired: 10/02/2019 13:01:52 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v978) Mode: CONC Corr. Factor: 1.000000
 User: BIN Custom ID1: ICSA Custom ID2: Custom ID3:
 Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0007020	F .0007312	F -.002377	-.002853	F -.001367	W .0058004
Stddev	.0002820	.0047475	.000718	.001052	.000612	.0004136
%RSD	40.16707	649.2727	30.19514	36.86130	44.75923	7.130299

#1	.0009579	.0020468	-.001660	-.004067	-.001845	.0062420
#2	.0003997	-.004535	-.003096	-.002234	-.000677	.0057369
#3	.0007483	.004682	-.002376	-.002257	-.001577	.0054221

Elem	Sr4077
Units	ppm
Avg	F .0968906
Stddev	.0003114
%RSD	.3213684

#1	.0965501
#2	.0969609
#3	.0971608

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1291.282	2327.155	30789.39	6400.182	2305.618
Stddev	8.473	2.302	52.65	20.956	3.424
%RSD	.6561945	.0989314	.1710000	.3274299	.1485174

#1	1300.008	2325.994	30833.02	6418.741	2305.067
#2	1283.087	2329.807	30730.91	6377.455	2309.284
#3	1290.749	2325.665	30804.24	6404.350	2302.502

Sample Name: CCV080 Acquired: 10/02/2019 13:09:52 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v978) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: CCV080 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.788492	4.855461	24.34888	4.701652	4.802118	389.1299	9.953326
Stddev	.010684	.006533	.06387	.010560	.013970	2.3180	.076917
%RSD	.2231178	.1345578	.2623024	.2246074	.2909223	.5956817	.7727786

#1	4.778957	4.850981	24.27833	4.713249	4.794746	386.4616	9.935813
#2	4.786479	4.852444	24.36552	4.699118	4.793378	390.2827	10.03749
#3	4.800039	4.862958	24.40277	4.692590	4.818231	390.6455	9.88668

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.4975440	2.448099	398.4502	14.86611	2.475328	14.89380	397.3089
Stddev	.0036562	.006239	.9765	.02018	.006692	.01945	.9540
%RSD	.7348546	.2548420	.2450766	.1357443	.2703302	.1306163	.2401134

#1	.4933735	2.441317	397.4497	14.84382	2.467830	14.87167	396.2666
#2	.5001974	2.449387	399.4008	14.88315	2.477460	14.90822	398.1389
#3	.4990612	2.453594	398.5002	14.87134	2.480694	14.90151	397.5211

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	14.72205	393.0976	2.478801	1.246259	391.7826	2.460888	14.41054
Stddev	.05164	1.0767	.006369	.006128	.4271	.003186	.15667
%RSD	.3507495	.2738909	.2569552	.4917457	.1090261	.1294571	1.087170

#1	14.66469	391.8688	2.471455	1.245272	391.5002	2.463245	14.57420
#2	14.76484	393.8756	2.482782	1.240683	392.2740	2.457264	14.26196
#3	14.73661	393.5485	2.482167	1.252820	391.5736	2.462156	14.39546

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	151.7164	5.034471	4.941287	4.785688	5.013961	4.860658	4.934153
Stddev	.2183	.003749	.032869	.009042	.014413	.039855	.011976
%RSD	.1438650	.0744702	.6651853	.1889367	.2874523	.8199445	.2427161

#1	151.6344	5.038607	4.903832	4.780245	5.008538	4.815335	4.921090
#2	151.9637	5.031296	4.954708	4.780694	5.030298	4.890229	4.936755
#3	151.5509	5.033511	4.965322	4.796126	5.003046	4.876411	4.944614

Sample Name: CCV080 Acquired: 10/02/2019 13:09:52 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v978) Mode: CONC Corr. Factor: 1.000000
 User: BIN Custom ID1: CCV080 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	4.943349	5.015602	4.984656
Stddev	.003197	.015757	.085550
%RSD	.0646797	.3141565	1.716265

#1	4.939688	5.002624	4.887798
#2	4.944762	5.033134	5.016275
#3	4.945596	5.011046	5.049896

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1142.060	2103.072	29326.03	6219.488	2084.020
Stddev	8.389	5.910	57.63	35.610	6.788
%RSD	.7345857	.2810219	.1965064	.5725476	.3257107

#1	1133.160	2107.302	29261.74	6259.152	2091.436
#2	1149.822	2105.594	29373.03	6190.268	2082.506
#3	1143.200	2096.319	29343.33	6209.045	2078.116

Sample Name: ICSAB Acquired: 10/02/2019 13:05:57 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v978) Mode: CONC Corr. Factor: 1.000000
 User: BIN Custom ID1: ICSAB Custom ID2: Custom ID3:
 Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0882112	.1058122	.0474565	.0492420	.5697988	227.4622
Stddev	.0065032	.0027181	.0055507	.0027865	.0023856	.1555
%RSD	7.372286	2.568836	11.69637	5.658857	.4186704	.0683565

#1	.0815475	.1074906	.0534897	.0514129	.5688441	227.3848
#2	.0945410	.1072698	.0425663	.0502132	.5680384	227.3606
#3	.0885451	.1026761	.0463137	.0460998	.5725139	227.6412

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.5070567	.4792676	.9745752	245.2904	.5309256	.4838708
Stddev	.0016939	.0031809	.0003547	.4043	.0013059	.0004329
%RSD	.3340576	.6637010	.0363946	.1648231	.2459704	.0894695

#1	.5089832	.4774152	.9749294	245.7290	.5299836	.4840081
#2	.5058007	.4774470	.9745762	244.9327	.5303768	.4833859
#3	.5063862	.4829406	.9742200	245.2094	.5324163	.4842184

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.4498836	95.98255	.4936664	246.0297	.9793421	.1946866
Stddev	.0013600	.15341	.0014145	.4779	.0021257	.0008703
%RSD	.3022985	.1598319	.2865290	.1942313	.2170496	.4470009

#1	.4483875	96.15969	.4948273	246.3670	.9813868	.1954883
#2	.4510450	95.89390	.4920910	245.4829	.9794956	.1948106
#3	.4502182	95.89406	.4940810	246.2393	.9771438	.1937611

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.318615	.4907052	.8990646	-.151061	F .5993269	F .8105433
Stddev	.117452	.0020588	.0124293	.050590	.0016583	.0067402
%RSD	36.86338	.4195572	1.382475	33.48993	.2766891	.8315722

#1	-.300016	.4928876	.8941765	-.157313	.5989049	.8056274
#2	-.211573	.4887976	.9131949	-.097635	.5979204	.8077758
#3	-.444258	.4904304	.8898224	-.198235	.6011554	.8182268

Sample Name: ICSAB Acquired: 10/02/2019 13:05:57 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v978) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: ICSAB Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F .7579383	F .5739747	F .7689276	F .7865170	F .7880217	F .5635894
Stddev	.0004812	.0052077	.0013616	.0016786	.0027965	.0024213
%RSD	.0634896	.9073103	.1770809	.2134173	.3548772	.4296156
#1	.7576764	.5799753	.7686946	.7869845	.7854563	.5663568
#2	.7576449	.5713136	.7676975	.7879123	.7876060	.5618610
#3	.7584937	.5706351	.7703907	.7846543	.7910027	.5625505

Elem	Sr4077
Units	ppm
Avg	F .8671021
Stddev	.0029863
%RSD	.3443975
#1	.8637842
#2	.8695744
#3	.8679477

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1289.151	2334.267	30780.09	6444.954	2315.271
Stddev	5.615	1.422	74.51	26.958	3.493
%RSD	.4355527	.0609048	.2420805	.4182835	.1508798
#1	1288.658	2333.126	30697.74	6448.149	2311.238
#2	1283.798	2335.859	30799.66	6470.172	2317.342
#3	1294.996	2333.815	30842.86	6416.540	2317.234

Sample Name: CCB080 Acquired: 10/02/2019 13:14:05 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v978) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: CCB080 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.001625	-.001139	-.000732	.0001744	-.001089	.0127976	.0000828
Stddev	.001528	.003146	.000616	.0005480	.001202	.0033245	.0000999
%RSD	93.98467	276.2744	84.18368	314.1490	110.3114	25.97786	120.6206

#1	-.000265	-.003564	-.000664	-.000107	.000269	.0143014	.0001639
#2	-.003278	-.002267	-.001380	-.000176	-.001525	.0151046	-.000029
#3	-.001333	.002416	-.000153	.000806	-.002013	.0089869	.000113

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0000903	.0000577	.0185445	.0002120	-.000046	.0016205	.0188929
Stddev	.0000255	.0000456	.0085355	.0002134	.000112	.0012789	.0060556
%RSD	28.28546	78.95321	46.02702	100.6972	240.7608	78.91885	32.05201

#1	.0001186	.0001073	.0267074	-.000030	.000081	.0006130	.0254025
#2	.0000832	.0000480	.0192463	.000373	-.000093	.0011893	.0178494
#3	.0000690	.0000178	.0096798	.000293	-.000127	.0030594	.0134270

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0006845	.0130250	.0001987	-.000337	-.011209	.0012354	-.000157
Stddev	.0003951	.0093063	.0000934	.000224	.194816	.0040981	.001176
%RSD	57.72634	71.44973	47.01069	66.56843	1738.044	331.7098	749.5628

#1	.0004718	.0223626	.0002656	-.000186	.122381	.0059017	.001188
#2	.0011405	.0037503	.0002386	-.000230	-.234747	-.000417	-.000667
#3	.0004413	.0129621	.0000920	-.000595	.078740	-.001779	-.000991

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1393361	.0022851	.0188795	.0006877	.0006542	.0016351	.0010774
Stddev	.0443272	.0005305	.0015957	.0001855	.0047533	.0005916	.0006850
%RSD	31.81317	23.21359	8.452098	26.97589	726.6308	36.17972	63.58185

#1	.1693996	.0024680	.0205402	.0007157	-.001431	.0009924	.0017866
#2	.1601797	.0016874	.0187405	.0008577	.006094	.0017558	.0004194
#3	.0884290	.0026999	.0173579	.0004898	-.002701	.0021569	.0010262

Sample Name: CCB080 Acquired: 10/02/2019 13:14:05 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v978) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: CCB080 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	-.000061	.0068091	.0002006
Stddev	.000551	.0015790	.0001221
%RSD	897.5050	23.18870	60.88204

#1	.000574	.0085546	.0003406
#2	-.000348	.0054801	.0001153
#3	-.000410	.0063928	.0001461

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1362.719	2466.215	32178.14	6502.573	2617.356
Stddev	9.371	2.647	102.73	19.538	2.814
%RSD	.6876684	.1073159	.3192609	.3004686	.1075248

#1	1353.938	2467.598	32086.64	6485.045	2615.190
#2	1372.585	2467.884	32289.27	6523.638	2616.342
#3	1361.634	2463.164	32158.52	6499.034	2620.537

Sample Name: PB123563BL Acquired: 10/02/2019 13:23:29 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v978) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: PBW563 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000926	-.001260	.0006836	-.004078	-.002719	-.004145	-.000522
Stddev	.002965	.001849	.0013746	.002782	.001734	.007035	.000366
%RSD	320.0442	146.7004	201.0842	68.20930	63.75138	169.7209	70.01010

#1	-.001897	-.000793	-.000136	-.006352	-.002915	-.006040	-.000458
#2	.002402	.000310	.002271	-.000977	-.000896	-.010039	-.000193
#3	-.003284	-.003298	-.000084	-.004905	-.004347	.003643	-.000916

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000044	-.000006	-.006552	-.000180	.0001473	.0003515	.0022839
Stddev	.000064	.000129	.002549	.000391	.0001609	.0021362	.0025891
%RSD	147.6211	2064.015	38.89785	216.6852	109.2319	607.8277	113.3619

#1	.000022	-.000139	-.009456	.000127	.0001936	-.001917	.0047581
#2	-.000107	.000120	-.004686	-.000620	.0002800	.000646	.0025002
#3	-.000047	.000000	-.005515	-.000048	-.000032	.002325	-.000407

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0000342	.0126470	-.000151	-.000035	.1482336	.0013873	-.001270
Stddev	.0001716	.0133883	.000554	.000129	.3171132	.0018309	.001525
%RSD	501.4417	105.8618	366.6752	373.7266	213.9281	131.9709	120.1458

#1	-.000112	-.001683	-.000513	-.000004	.4890228	.0019262	-.002915
#2	.000223	.024836	-.000427	.000077	.0938466	.0028883	.000098
#3	-.000008	.014788	.000487	-.000176	-.138169	-.000652	-.000992

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0670706	-.000617	.0063089	.0002079	-.001018	.0005182	-.000003
Stddev	.0439886	.002917	.0006516	.0004175	.004376	.0007448	.000993
%RSD	65.58549	472.5960	10.32817	200.7629	429.7850	143.7350	36170.32

#1	.0210294	-.001670	.0063191	.0006749	-.001836	.0006100	-.000884
#2	.0715128	.002680	.0069553	.0000779	.003709	-.000268	.001074
#3	.1086694	-.002861	.0056522	-.000129	-.004927	.001213	-.000199

Sample Name: PB123563BL Acquired: 10/02/2019 13:23:29 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v978) Mode: CONC Corr. Factor: 1.000000
 User: BIN Custom ID1: PBW563 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	-.000735	.0019514	.0000492
Stddev	.000586	.0008577	.0000273
%RSD	79.70611	43.95282	55.50524

#1	-.001306	.0028981	.0000806
#2	-.000764	.0017300	.0000317
#3	-.000135	.0012262	.0000352

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1364.841	2449.384	32124.19	6519.422	2593.168
Stddev	8.275	6.854	99.91	21.943	4.698
%RSD	.6063214	.2798250	.3110021	.3365726	.1811786

#1	1356.394	2455.514	32018.39	6497.343	2598.453
#2	1372.933	2441.984	32137.26	6519.697	2591.586
#3	1365.196	2450.655	32216.92	6541.225	2589.465

Sample Name: PB123563BS Acquired: 10/02/2019 13:27:39 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v978) Mode: CONC Corr. Factor: 1.000000
 User: BIN Custom ID1: LCS563 Custom ID2: Custom ID3:
 Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0216652	.0548250	.0196623	.0815813	.1249671	.4029088
Stddev	.0016109	.0017339	.0011228	.0007035	.0011916	.0022231
%RSD	7.435529	3.162527	5.710141	.8623486	.9535513	.5517674

#1	.0214561	.0562884	.0185435	.0812401	.1263387	.4025374
#2	.0233704	.0552766	.0196545	.0811135	.1243752	.4008948
#3	.0201690	.0529101	.0207890	.0823904	.1241872	.4052942

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.4218045	.0112759	.0107677	10.96286	.0225296	.1009770
Stddev	.0008356	.0001240	.0000756	.05519	.0006251	.0001198
%RSD	.1980889	1.099264	.7023161	.5034534	2.774373	.1186298

#1	.4223911	.0111333	.0107654	10.98956	.0220701	.1008613
#2	.4221746	.0113358	.0108445	10.99963	.0222773	.1011005
#3	.4208479	.0113585	.0106933	10.89940	.0232414	.1009691

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0454698	.2260063	.0340708	10.51864	.0859279	.0215526
Stddev	.0009376	.0057601	.0004813	.01879	.0004816	.0005858
%RSD	2.062014	2.548641	1.412625	.1785906	.5604757	2.718121

#1	.0448085	.2193552	.0346228	10.51966	.0853999	.0209244
#2	.0450581	.2293443	.0337389	10.53690	.0863430	.0220840
#3	.0465428	.2293195	.0338507	10.49937	.0860410	.0216494

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	10.45079	.1068271	.1173201	9.223405	.0196316	F .0777808
Stddev	.28344	.0027894	.0025113	.082893	.0028646	.0017411
%RSD	2.712145	2.611104	2.140523	.8987212	14.59181	2.238425

#1	10.73692	.1036382	.1186468	9.242821	.0227283	.0785661
#2	10.17011	.1080296	.1188897	9.132528	.0170765	.0757854
#3	10.44535	.1088135	.1144237	9.294866	.0190899	.0789908

Sample Name: PB123563BS Acquired: 10/02/2019 13:27:39 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v978) Mode: CONC Corr. Factor: 1.000000
 User: BIN Custom ID1: LCS563 Custom ID2: Custom ID3:
 Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0196114	.1840644	.2023635	F .0273901	.1931668	F .0722779
Stddev	.0003256	.0007372	.0015921	.0012138	.0009219	.0006207
%RSD	1.660373	.4005186	.7867674	4.431495	.4772490	.8587508

#1	.0199864	.1847510	.2026521	.0260372	.1921134	.0721512
#2	.0194462	.1841568	.2006468	.0277496	.1938263	.0729522
#3	.0194014	.1832853	.2037916	.0283836	.1935607	.0717304

Elem	Sr4077
Units	ppm
Avg	.2049820
Stddev	.0003169
%RSD	.1545810

#1	.2046549
#2	.2052875
#3	.2050037

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1425.454	2564.521	33383.95	6704.989	2730.749
Stddev	3.840	4.883	63.84	21.744	5.089
%RSD	.2693790	.1904161	.1912233	.3243018	.1863409

#1	1429.799	2569.043	33431.75	6728.072	2731.622
#2	1422.516	2559.343	33408.64	6702.004	2725.281
#3	1424.048	2565.178	33311.45	6684.891	2735.345

Sample Name: PB123563TB Acquired: 10/02/2019 13:31:47 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v978) Mode: CONC Corr. Factor: 1.000000
 User: BIN Custom ID1: LEB563 Custom ID2: Custom ID3:
 Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000179	-.002495	-.000654	.0050606	-.004624	.0001202
Stddev	.002374	.001239	.001324	.0037607	.000590	.0042168
%RSD	1324.584	49.66624	202.5956	74.31448	12.76723	3507.529

#1	.001963	-.003567	-.000114	.0010225	-.004883	.0048083
#2	-.002732	-.002782	.000316	.0084630	-.003948	-.003363
#3	.000231	-.001138	-.002162	.0056962	-.005041	-.001085

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000105	.0000662	-.000120	-.003311	.0004034	.0000257
Stddev	.000394	.0000520	.000106	.002939	.0001763	.0003101
%RSD	377.2835	78.47692	88.20367	88.74757	43.70230	1204.299

#1	.000216	.0000292	-.000163	-.006123	.0003082	.0002399
#2	-.000545	.0001256	-.000198	-.003551	.0006068	.0001672
#3	.000015	.0000438	.000000	-.000260	.0002951	-.000330

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0004141	.0053764	.0000504	.0058362	.0130836	.0058882
Stddev	.0022913	.0018884	.0000733	.0292509	.0005133	.0004292
%RSD	553.3898	35.12356	145.4636	501.2013	3.923119	7.289251

#1	.0029708	.0045474	.0001106	-.023504	.0136715	.0060314
#2	-.000275	.0075375	-.000031	.006015	.0128553	.0054057
#3	-.001454	.0040443	.000072	.034997	.0127242	.0062274

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F 1194.191	-.000702	.0028456	-.478614	.0019866	.0068056
Stddev	.496	.001333	.0017036	.026756	.0020200	.0004636
%RSD	.0415020	189.8666	59.86871	5.590352	101.6846	6.811405

#1	1193.680	-.001148	.0047547	-.498736	.0042436	.0066388
#2	1194.225	.000797	.0023021	-.448249	.0013674	.0064486
#3	1194.669	-.001755	.0014801	-.488856	.0003485	.0073295

Sample Name: PB123563TB Acquired: 10/02/2019 13:31:47 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v978) Mode: CONC Corr. Factor: 1.000000
 User: BIN Custom ID1: LEB563 Custom ID2: Custom ID3:
 Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000028	.0238251	-.002624	.0017675	-.000004	-.003149
Stddev	.000189	.0025454	.000716	.0011128	.000481	.000292
%RSD	667.6157	10.68357	27.27350	62.95851	12577.68	9.269538

#1	.000176	.0233042	-.002761	.0024945	-.000279	-.003277
#2	-.000066	.0265907	-.003262	.0004864	.000552	-.002815
#3	-.000196	.0215805	-.001850	.0023216	-.000284	-.003355

Elem	Sr4077
Units	ppm
Avg	.0000589
Stddev	.0000631
%RSD	107.0599

#1	-.000009
#2	.000116
#3	.000069

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1329.335	2378.219	30969.30	6672.713	2328.473
Stddev	7.749	3.293	117.03	40.294	4.569
%RSD	.5829173	.1384588	.3778972	.6038673	.1962218

#1	1320.773	2379.941	30856.56	6683.486	2332.945
#2	1331.366	2380.293	30961.15	6706.526	2328.662
#3	1335.866	2374.422	31090.19	6628.127	2323.813

Sample Name: PB123564BL Acquired: 10/02/2019 13:35:57 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v978) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: PBW564 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0017017	-.000287	-.000256	-.000909	-.002269	-.001642
Stddev	.0022380	.002069	.000553	.005243	.001273	.003700
%RSD	131.5164	721.0649	216.1392	576.5455	56.11041	225.2886

#1	.0028447	.000806	.000197	.004279	-.002985	.001941
#2	.0031374	-.002674	-.000871	-.000801	-.000799	-.005449
#3	-.000877	.001007	-.000093	-.006206	-.003023	-.001418

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000410	.0000110	.0000322	-.007169	-.000386	.0002020
Stddev	.000428	.0000621	.0000505	.005309	.000561	.0001244
%RSD	104.2625	565.0129	156.6789	74.05168	145.3567	61.61845

#1	-.000697	-.000034	.0000143	-.001412	-.000074	.0000627
#2	.000081	.000082	.0000892	-.008223	-.001034	.0003023
#3	-.000615	-.000015	-.000007	-.011871	-.000050	.0002409

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0017442	.0057541	-.000077	-.002037	-.000025	-.000186
Stddev	.0024293	.0074520	.000205	.009870	.000043	.000359
%RSD	139.2824	129.5075	267.3841	484.4482	171.4672	192.6897

#1	-.000774	-.001725	-.000210	.008794	-.000054	-.000588
#2	.001934	.013179	-.000180	-.010525	.000025	-.000074
#3	.004073	.005809	.000160	-.004381	-.000046	.000103

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0309085	.0006092	-.001433	.3453882	.0007966	.0032828
Stddev	.2025232	.0040898	.001675	.0910982	.0023637	.0006285
%RSD	655.2351	671.3816	116.8980	26.37559	296.7104	19.14695

#1	.1352214	.0018706	.000486	.4505613	.0027085	.0026258
#2	.1600108	-.003963	-.002180	.2944877	-.001846	.0033443
#3	-.202507	.003920	-.002604	.2911156	.001528	.0038783

Sample Name: PB123564BL Acquired: 10/02/2019 13:35:57 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v978) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: PBW564 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0004660	-.002218	.0008939	.0003321	.0002533	F .0204819
Stddev	.0001213	.003984	.0012420	.0007642	.0006753	.0040387
%RSD	26.02846	179.6102	138.9395	230.1531	266.5810	19.71832

#1	.0004632	-.002097	-.000316	-.000085	-.000219	.0251205
#2	.0003461	.001704	.000832	.001214	-.000047	.0177458
#3	.0005887	-.006262	.002166	-.000132	.001027	.0185795

Elem	Sr4077
Units	ppm
Avg	.0000757
Stddev	.0000286
%RSD	37.78639

#1	.0001044
#2	.0000755
#3	.0000472

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1355.394	2435.785	32152.37	6521.182	2589.857
Stddev	11.140	2.136	255.30	33.328	.984
%RSD	.8218733	.0876980	.7940185	.5110805	.0379939

#1	1348.401	2435.834	31995.84	6489.185	2589.679
#2	1349.541	2437.896	32014.29	6518.663	2590.917
#3	1368.240	2433.625	32446.96	6555.699	2588.974

Sample Name: PB123564TB Acquired: 10/02/2019 13:44:16 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v978) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: LEB564 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0001783	-.002314	.0003175	.0043049	-.002318	.0044678
Stddev	.0008356	.001849	.0012855	.0003507	.001670	.0076945
%RSD	468.6040	79.90646	404.8430	8.145497	72.07107	172.2201

#1	.0010212	-.000181	.0011583	.0044029	-.000421	.0076116
#2	.0001636	-.003467	-.001162	.0045962	-.003568	-.004301
#3	-.000650	-.003295	.000957	.0039157	-.002965	.010093

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000325	.0000112	-.000067	.0013879	.0004290	.0003448
Stddev	.000398	.0000341	.000053	.0085015	.0001496	.0001297
%RSD	122.2395	304.4089	78.81974	612.5274	34.85706	37.60419

#1	-.000140	.0000025	-.000117	-.008383	.0002592	.0003174
#2	-.000782	-.000018	-.000012	.007095	.0005408	.0002311
#3	-.000054	.000049	-.000072	.005451	.0004871	.0004861

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0016148	.0004116	-.000134	.0186551	.0129611	.0059534
Stddev	.0021742	.0024857	.000187	.0312438	.0003825	.0002203
%RSD	134.6401	603.8850	140.1210	167.4808	2.951406	3.700177

#1	.0040610	-.000014	-.000046	.0070703	.0127024	.0059026
#2	-.000097	.003083	-.000006	.0540368	.0127803	.0061947
#3	.000881	-.001834	-.000348	-.005142	.0134005	.0057630

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F 1201.961	.0000336	.0034403	-.445044	.0039516	.0058119
Stddev	5.097	.0017427	.0006826	.033729	.0016078	.0005561
%RSD	.4240181	5186.117	19.84180	7.578838	40.68761	9.567672

#1	1198.973	-.000194	.0041770	-.475169	.0042356	.0058949
#2	1199.065	-.001584	.0033144	-.451359	.0022207	.0063219
#3	1207.846	.001879	.0028293	-.408604	.0053984	.0052191

Sample Name: PB123564TB Acquired: 10/02/2019 13:44:16 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v978) Mode: CONC Corr. Factor: 1.000000
 User: BIN Custom ID1: LEB564 Custom ID2: Custom ID3:
 Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000018	.0261251	-.001497	.0027961	.0005128	-.002312
Stddev	.000293	.0003117	.001364	.0016743	.0001450	.001216
%RSD	1629.542	1.193235	91.09257	59.87902	28.28348	52.58358
#1	-.000089	.0261127	-.000350	.0026315	.0006693	-.003211
#2	-.000268	.0258198	-.001137	.0012102	.0004860	-.002796
#3	.000304	.0264429	-.003005	.0045465	.0003830	-.000929

Elem	Sr4077
Units	ppm
Avg	.0000298
Stddev	.0000350
%RSD	117.6589
#1	-.000011
#2	.000048
#3	.000052

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1318.121	2369.957	30862.18	6662.597	2321.369
Stddev	11.421	6.162	127.72	45.976	2.477
%RSD	.8664824	.2600003	.4138316	.6900549	.1066891
#1	1314.843	2376.823	30899.03	6687.073	2324.227
#2	1330.823	2368.142	30967.41	6691.155	2320.007
#3	1308.697	2364.907	30720.08	6609.561	2319.872

Sample Name: PB123564BS Acquired: 10/02/2019 13:40:07 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v978) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: LCS564 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0199315	.0541081	.0194812	.0817915	.1253875	.4114132
Stddev	.0022815	.0015314	.0006477	.0011240	.0011236	.0020410
%RSD	11.44643	2.830309	3.324585	1.374190	.8961434	.4960864

#1	.0213545	.0523398	.0187987	.0824200	.1258666	.4096956
#2	.0211400	.0549886	.0200872	.0804938	.1261922	.4136694
#3	.0173000	.0549960	.0195576	.0824606	.1241037	.4108745

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.4208356	.0111498	.0109367	10.91997	.0227074	.1023244
Stddev	.0013384	.0000707	.0000726	.05430	.0003020	.0002392
%RSD	.3180295	.6342791	.6638208	.4972771	1.330076	.2337152

#1	.4223257	.0112056	.0108969	10.98219	.0227135	.1025775
#2	.4197355	.0110703	.0108927	10.88214	.0224024	.1021022
#3	.4204456	.0111736	.0110205	10.89559	.0230063	.1022936

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0481030	.2203152	.0340847	10.45209	.0867241	.0215303
Stddev	.0010006	.0064558	.0003565	.02619	.0002123	.0001422
%RSD	2.080087	2.930264	1.045871	.2505742	.2448216	.6606767

#1	.0492583	.2212583	.0342181	10.46712	.0869515	.0213661
#2	.0475339	.2134398	.0336808	10.46730	.0865310	.0216089
#3	.0475167	.2262476	.0343553	10.42185	.0866898	.0216160

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	10.48326	.1083744	.1182377	9.294225	.0219617	F .0763086
Stddev	.14496	.0016546	.0010519	.075688	.0007873	.0002002
%RSD	1.382792	1.526718	.8896635	.8143535	3.584892	.2624059

#1	10.49379	.1099643	.1170468	9.363498	.0228187	.0764776
#2	10.62266	.1066619	.1186260	9.213441	.0217960	.0763606
#3	10.33331	.1084971	.1190403	9.305736	.0212705	.0760874

Sample Name: PB123564BS Acquired: 10/02/2019 13:40:07 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v978) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: LCS564 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0196981	.1874733	.2035062	F .0274605	.1947509	F .0725463
Stddev	.0002833	.0019583	.0016594	.0016919	.0015097	.0012580
%RSD	1.438131	1.044580	.8154255	6.161181	.7751933	1.734061

#1	.0199645	.1896376	.2035629	.0276556	.1933705	.0737403
#2	.0197292	.1869585	.2018191	.0256795	.1963631	.0726658
#3	.0194005	.1858239	.2051365	.0290463	.1945191	.0712328

Elem	Sr4077
Units	ppm
Avg	.2064431
Stddev	.0003844
%RSD	.1861895

#1	.2064176
#2	.2060722
#3	.2068397

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1435.096	2556.826	33661.13	6824.159	2726.049
Stddev	3.669	5.164	125.97	23.979	9.223
%RSD	.2556756	.2019766	.3742431	.3513790	.3383232

#1	1432.908	2562.533	33783.37	6799.860	2733.104
#2	1433.048	2555.469	33531.73	6847.804	2729.431
#3	1439.332	2552.476	33668.28	6824.814	2715.613

Sample Name: K5068-01 Acquired: 10/02/2019 13:52:27 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v978) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: MDBAF7 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0318000	-.004507	.0065897	.0115461	.0154882	.8198756
Stddev	.0041513	.001366	.0008664	.0061837	.0032035	.0031441
%RSD	13.05447	30.30519	13.14697	53.55707	20.68318	.3834853

#1	.0331601	-.003016	.0074920	.0150185	.0142535	.8197051
#2	.0271392	-.004809	.0057644	.0152131	.0191253	.8231015
#3	.0351006	-.005697	.0065128	.0044066	.0130859	.8168203

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.335074	.0025169	.0036927	209.1937	.0063220	.0306308
Stddev	.012945	.0000909	.0000520	2.1814	.0000656	.0003873
%RSD	.9695837	3.612590	1.408292	1.042769	1.038377	1.264344

#1	1.350016	.0025283	.0037400	211.6403	.0062619	.0305623
#2	1.327945	.0026015	.0037010	207.4514	.0063921	.0302822
#3	1.327262	.0024208	.0036370	208.4896	.0063118	.0310477

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0346989	.0690691	1.218414	12.36132	.0937188	.0002554
Stddev	.0017477	.0052150	.013191	.08938	.0005552	.0003767
%RSD	5.036735	7.550427	1.082615	.7230320	.5923916	147.4963

#1	.0357513	.0679952	1.233469	12.46393	.0938339	.0002728
#2	.0356640	.0747374	1.208883	12.30045	.0931151	.0006230
#3	.0326815	.0644746	1.212892	12.31957	.0942074	-.000130

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F 1480.641	.0104399	1.557696	9.329095	.0886112	.6722370
Stddev	10.038	.0005849	.022313	.056327	.0022820	.0087027
%RSD	.6779174	5.602797	1.432419	.6037798	2.575241	1.294586

#1	1491.680	.0098508	1.564933	9.378520	.0869950	.6752575
#2	1472.063	.0110206	1.575492	9.340998	.0912215	.6624265
#3	1478.181	.0104485	1.532663	9.267768	.0876169	.6790270

Sample Name: K5068-01 Acquired: 10/02/2019 13:52:27 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v978) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: MDBAF7 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0075474	17.39514	1.571526	-.002897	-.004055	.2468467
Stddev	.0003905	.05827	.005808	.001723	.000385	.0045555
%RSD	5.173675	.3349731	.3695466	59.47461	9.501778	1.845484
#1	.0077212	17.45371	1.577254	-.004366	-.004219	.2520187
#2	.0071002	17.39452	1.565642	-.001001	-.004331	.2450915
#3	.0078208	17.33718	1.571680	-.003323	-.003615	.2434298

Elem	Sr4077
Units	ppm
Avg	1.872988
Stddev	.004104
%RSD	.2191280
#1	1.874506
#2	1.868341
#3	1.876117

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1321.363	2380.393	31234.38	6788.176	2211.396
Stddev	8.998	4.604	42.25	50.748	3.248
%RSD	.6809987	.1934054	.1352579	.7475923	.1468536
#1	1317.673	2381.773	31193.03	6745.855	2208.222
#2	1314.796	2384.148	31277.47	6844.437	2214.713
#3	1331.620	2375.257	31232.65	6774.235	2211.255

Sample Name: K5059-14DLX5 Acquired: 10/02/2019 13:48:24 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v978) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: MDBAF2 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.006503	.0042300	.0177311	-.007144	.0009053	26.91378	.1619356
Stddev	.003211	.0021003	.0010642	.001866	.0001313	.06378	.0007297
%RSD	49.37673	49.65183	6.001824	26.12476	14.49904	.2369645	.4506134

#1	-.009165	.0021919	.0171315	-.006402	.0007633	26.86205	.1623648
#2	-.007408	.0063874	.0171019	-.009267	.0010222	26.98504	.1623490
#3	-.002937	.0041109	.0189598	-.005762	.0009305	26.89425	.1610931

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0083370	.0023436	.2235030	.0200905	.0497589	.0322011	177.5538
Stddev	.0000953	.0000362	.0035794	.0003709	.0003250	.0010229	.4296
%RSD	1.142750	1.543844	1.601504	1.846384	.6532183	3.176685	.2419703

#1	.0082282	.0023793	.2275592	.0199303	.0495132	.0316408	177.1620
#2	.0083776	.0023069	.2207874	.0198266	.0496360	.0315807	178.0133
#3	.0084053	.0023446	.2221624	.0205146	.0501274	.0333817	177.4861

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.2609448	2.399067	.0506440	-.002723	.9553124	.0436508	.1313616
Stddev	.0006339	.033433	.0003960	.000117	.1661360	.0021936	.0030129
%RSD	.2429452	1.393597	.7818279	4.306357	17.39075	5.025395	2.293630

#1	.2613935	2.363370	.0509476	-.002838	1.128929	.0460285	.1282017
#2	.2612213	2.404183	.0501961	-.002727	.939173	.0432183	.1316809
#3	.2602195	2.429647	.0507883	-.002603	.797835	.0417056	.1342021

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.619956	2.205880	.0165743	-.000253	.5822580	.4671174	.0050282
Stddev	.037234	.011662	.0025065	.000067	.0054304	.0030063	.0006359
%RSD	2.298468	.5286869	15.12278	26.42224	.9326455	.6435798	12.64688

#1	1.597375	2.202908	.0145099	-.000316	.5882156	.4664232	.0056476
#2	1.599562	2.218740	.0158497	-.000183	.5809733	.4704101	.0043770
#3	1.662932	2.195991	.0193632	-.000260	.5775852	.4645190	.0050599

Sample Name: K5059-14DLX5 Acquired: 10/02/2019 13:48:24 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v978) Mode: CONC Corr. Factor: 1.000000
 User: BIN Custom ID1: MDBAF2 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.0380762	.0344976	.0140203
Stddev	.0012124	.0015095	.0000661
%RSD	3.184061	4.375817	.4718160

#1	.0366980	.0348949	.0140269
#2	.0389780	.0328291	.0140829
#3	.0385527	.0357687	.0139511

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1429.751	2594.443	34042.62	6949.530	2566.284
Stddev	3.293	3.892	141.72	29.627	2.903
%RSD	.2303457	.1500224	.4163129	.4263214	.1131354

#1	1429.007	2593.743	33943.85	6968.477	2569.287
#2	1433.353	2598.637	34205.00	6915.388	2563.492
#3	1426.894	2590.948	33979.00	6964.726	2566.073

Sample Name: K5068-02 Acquired: 10/02/2019 13:56:27 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v978) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: MDBAF8 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0187734	-.006273	.0090270	.0132698	.0100509	-.373911
Stddev	.0050358	.001867	.0017181	.0023051	.0017474	.033503
%RSD	26.82426	29.76593	19.03261	17.37133	17.38531	8.960174

#1	.0191399	-.005693	.0071665	.0120819	.0088476	-.372439
#2	.0135643	-.004764	.0093609	.0159266	.0092498	-.341168
#3	.0236159	-.008361	.0105537	.0118009	.0120551	-.408126

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	3.391632	-.000023	.0003483	F 832.9157	.0023946	.0203830
Stddev	.008004	.000077	.0000879	4.5725	.0004157	.0002582
%RSD	.2359863	332.7082	25.24393	.5489789	17.35904	1.266493

#1	3.400425	-.000033	.0003286	838.1292	.0022730	.0204051
#2	3.389699	-.000094	.0004443	831.0314	.0020533	.0206294
#3	3.384771	.000058	.0002718	829.5864	.0028575	.0201145

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0043278	-.324322	1.531426	24.82176	.0345137	-.000192
Stddev	.0010586	.003889	.006364	.09949	.0003105	.000421
%RSD	24.45963	1.199030	.4155539	.4008262	.8996455	219.5761

#1	.0043029	-.324402	1.538369	24.93514	.0346634	-.000052
#2	.0032819	-.320394	1.525870	24.78114	.0347210	.000142
#3	.0053986	-.328170	1.530039	24.74901	.0341567	-.000666

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F 1505.665	.0121730	.7117749	4.279105	.0780440	.3153534
Stddev	3.409	.0018930	.0050922	.061964	.0012483	.0028773
%RSD	.2263988	15.55066	.7154187	1.448051	1.599538	.9124134

#1	1509.586	.0110948	.7152895	4.350641	.0784998	.3184492
#2	1503.404	.0143587	.7141001	4.242154	.0790004	.3127610
#3	1504.005	.0110654	.7059352	4.244519	.0766318	.3148502

Sample Name: K5068-02 Acquired: 10/02/2019 13:56:27 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v978) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: MDBAF8 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0927927	7.283891	2.515558	-.005410	-.019631	.1129106
Stddev	.0005045	.013936	.030655	.000987	.000348	.0011567
%RSD	.5436647	.1913263	1.218606	18.24071	1.770568	1.024461
#1	.0933581	7.272280	2.545164	-.005680	-.019280	.1142351
#2	.0926313	7.299345	2.483952	-.006234	-.019975	.1123978
#3	.0923887	7.280047	2.517559	-.004316	-.019637	.1120990

Elem	Sr4077
Units	ppm
Avg	2.969137
Stddev	.006929
%RSD	.2333668
#1	2.963485
#2	2.976868
#3	2.967060

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1236.811	2219.566	29555.40	6547.985	2112.345
Stddev	4.697	1.553	63.36	29.431	1.608
%RSD	.3797560	.0699556	.2143784	.4494742	.0761199
#1	1239.664	2221.055	29583.60	6515.902	2114.191
#2	1231.390	2217.956	29482.83	6573.734	2111.590
#3	1239.379	2219.688	29599.76	6554.318	2111.253

Sample Name: K5068-03 Acquired: 10/02/2019 14:00:47 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v978) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: MDBAF9 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0293605	-.005420	.0066175	.0094267	.0092238	-.203632
Stddev	.0008209	.001610	.0016413	.0021227	.0001350	.008021
%RSD	2.795785	29.70908	24.80186	22.51783	1.463485	3.938765

#1	.0288910	-.006182	.0074228	.0071578	.0091874	-.212191
#2	.0303083	-.003570	.0047291	.0097581	.0091107	-.196289
#3	.0288822	-.006509	.0077006	.0113641	.0093732	-.202416

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	3.719957	.0002988	.0000729	601.8089	.0018377	.0256319
Stddev	.008061	.0001174	.0000455	6.9287	.0002279	.0001655
%RSD	.2167093	39.29198	62.36354	1.151305	12.39888	.6457442

#1	3.727184	.0001760	.0000592	603.1744	.0019663	.0258202
#2	3.711262	.0004099	.0000359	594.2991	.0015746	.0255659
#3	3.721425	.0003105	.0001237	607.9531	.0019722	.0255095

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0030087	-.091615	2.681647	16.28958	.0384781	-.000164
Stddev	.0014907	.010824	.013425	.10323	.0003115	.000363
%RSD	49.54792	11.81466	.5006225	.6337469	.8095747	221.5832

#1	.0013517	-.086436	2.689370	16.29550	.0381189	-.000582
#2	.0042409	-.084354	2.666145	16.18351	.0386411	.000070
#3	.0034335	-.104056	2.689425	16.38972	.0386743	.000021

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F 1498.611	.0115926	1.748824	6.112396	.0602356	.3104688
Stddev	4.944	.0017354	.019934	.056198	.0046164	.0042781
%RSD	.3298777	14.96982	1.139880	.9194132	7.663928	1.377962

#1	1501.006	.0102549	1.732290	6.082923	.0650379	.3154067
#2	1492.927	.0135535	1.770960	6.077066	.0598381	.3078784
#3	1501.902	.0109693	1.743223	6.177200	.0558308	.3081211

Sample Name: K5068-03 Acquired: 10/02/2019 14:00:47 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v978) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: MDBAF9 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0305574	7.144122	2.605052	-.003543	-.014023	.1624531
Stddev	.0001024	.029213	.023805	.001270	.000574	.0003809
%RSD	.3351094	.4089071	.9138113	35.84131	4.095752	.2344649

#1	.0304424	7.110649	2.616188	-.002857	-.014099	.1622812
#2	.0306386	7.157239	2.577720	-.005009	-.014555	.1621884
#3	.0305914	7.164476	2.621248	-.002764	-.013414	.1628896

Elem	Sr4077
Units	ppm
Avg	1.986480
Stddev	.002159
%RSD	.1086802

#1	1.984384
#2	1.986360
#3	1.988697

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1271.241	2287.539	30458.05	6705.113	2134.478
Stddev	2.280	3.118	151.09	56.250	.989
%RSD	.1793788	.1363226	.4960435	.8389110	.0463542

#1	1271.804	2290.919	30557.53	6679.439	2135.106
#2	1268.732	2284.774	30284.20	6769.619	2134.992
#3	1273.187	2286.923	30532.44	6666.281	2133.338

Sample Name: K5068-04 Acquired: 10/02/2019 14:04:56 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v978) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: MDBAF9D Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0336120	.0010007	.0041613	.0103555	.0083539	-.200303
Stddev	.0031836	.0024808	.0026654	.0022544	.0007298	.007077
%RSD	9.471703	247.8973	64.05356	21.77035	8.736462	3.533203

#1	.0323953	.0021769	.0044928	.0090494	.0091515	-.208364
#2	.0372245	-.001849	.0013456	.0129587	.0081910	-.197438
#3	.0312161	.002675	.0066454	.0090584	.0077193	-.195108

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	3.740798	.0003093	.0000520	608.9165	.0024633	.0256595
Stddev	.015674	.0000640	.0000930	5.5404	.0004639	.0001179
%RSD	.4189970	20.68247	178.7243	.9098809	18.83228	.4594679

#1	3.743778	.0002770	.0001593	606.2427	.0025646	.0255341
#2	3.754768	.0002679	.0000019	615.2867	.0019571	.0256765
#3	3.723848	.0003830	-.000005	605.2200	.0028682	.0257680

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0026727	-.098230	2.697703	16.35665	.0388100	.0004107
Stddev	.0005637	.008400	.009103	.05924	.0004713	.0001403
%RSD	21.08988	8.551105	.3374412	.3621474	1.214420	34.17384

#1	.0024549	-.088555	2.699342	16.35302	.0383538	.0003236
#2	.0022504	-.102476	2.705875	16.41761	.0387811	.0005726
#3	.0033128	-.103660	2.687892	16.29931	.0392951	.0003358

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F 1504.423	.0108145	1.728954	6.209306	.0596817	.3138037
Stddev	3.930	.0024496	.007157	.059697	.0045869	.0010136
%RSD	.2611964	22.65112	.4139628	.9614066	7.685526	.3230036

#1	1506.058	.0080172	1.727186	6.243566	.0601106	.3147141
#2	1507.271	.0125760	1.736829	6.243976	.0548955	.3127115
#3	1499.940	.0118504	1.722846	6.140374	.0640391	.3139856

Sample Name: K5068-04 Acquired: 10/02/2019 14:04:56 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v978) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: MDBAF9D Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0302958	7.126440	2.631634	-.003089	-.013857	.1617708
Stddev	.0003948	.037154	.009258	.000387	.000312	.0015903
%RSD	1.303103	.5213498	.3518142	12.51405	2.249580	.9830729

#1	.0298520	7.120667	2.633798	-.003493	-.013497	.1623072
#2	.0304274	7.092510	2.621485	-.003049	-.014046	.1630235
#3	.0306079	7.166142	2.639618	-.002723	-.014027	.1599816

Elem	Sr4077
Units	ppm
Avg	1.992986
Stddev	.004592
%RSD	.2304038

#1	1.998068
#2	1.991755
#3	1.989135

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1272.171	2289.491	30277.11	6632.293	2137.561
Stddev	2.344	6.421	10.80	22.486	5.277
%RSD	.1842857	.2804355	.0356585	.3390354	.2468499

#1	1272.812	2294.317	30265.97	6648.340	2138.683
#2	1269.573	2291.953	30277.83	6606.592	2142.185
#3	1274.129	2282.204	30287.52	6641.946	2131.813

Sample Name: K5068-06 Acquired: 10/02/2019 14:17:19 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v978) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: MDBAG0 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0063473	-.004210	.0147597	.0061883	-.000925	-.064967
Stddev	.0063665	.001392	.0003696	.0027072	.001293	.008380
%RSD	100.3022	33.05282	2.503909	43.74685	139.8344	12.89943

#1	.0064523	-.002690	.0144766	.0063847	-.002225	-.074641
#2	.0126607	-.004519	.0146246	.0033882	.000362	-.059944
#3	-.000071	-.005422	.0151778	.0087918	-.000912	-.060315

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.661734	.0005161	.0005185	385.9179	.0008042	.0257760
Stddev	.020401	.0001085	.0000754	3.0617	.0003903	.0005026
%RSD	.7664565	21.01639	14.53885	.7933566	48.53002	1.949663

#1	2.644665	.0004284	.0005443	383.8070	.0009790	.0256690
#2	2.656209	.0004826	.0004335	384.5174	.0010764	.0253356
#3	2.684329	.0006374	.0005775	389.4294	.0003570	.0263234

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0032330	16.34846	3.514648	19.74553	.0379133	-.000144
Stddev	.0005479	.10802	.028153	.20935	.0004175	.000221
%RSD	16.94530	.6607487	.8010155	1.060222	1.101184	153.6481

#1	.0030712	16.28291	3.499403	19.64100	.0375729	.000064
#2	.0027843	16.28933	3.497406	19.60903	.0383791	-.000375
#3	.0038436	16.47314	3.547136	19.98655	.0377878	-.000120

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F 1406.615	.0010638	.8165993	3.684529	.0111763	.3298649
Stddev	7.445	.0021216	.0052357	.028728	.0053997	.0051656
%RSD	.5292821	199.4422	.6411546	.7796907	48.31390	1.565980

#1	1400.090	-.001332	.8108883	3.655770	.0139241	.3266801
#2	1405.030	.001820	.8211725	3.684591	.0049553	.3270898
#3	1414.725	.002703	.8177372	3.713226	.0146494	.3358250

Sample Name: K5068-06 Acquired: 10/02/2019 14:17:19 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v978) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: MDBAG0 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000212	2.966399	2.053611	-.003909	-.008822	.0067136
Stddev	.000398	.009716	.025032	.001647	.000821	.0004397
%RSD	187.5821	.3275469	1.218910	42.13565	9.308297	6.549992

#1	.000222	2.974682	2.029495	-.005273	-.008220	.0063718
#2	-.000560	2.955704	2.051869	-.002079	-.008488	.0072097
#3	-.000298	2.968812	2.079468	-.004375	-.009757	.0065593

Elem	Sr4077
Units	ppm
Avg	1.111230
Stddev	.004877
%RSD	.4388963

#1	1.106861
#2	1.110338
#3	1.116492

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1318.798	2372.751	31429.47	6910.346	2150.231
Stddev	4.028	7.602	108.63	70.668	3.919
%RSD	.3053921	.3203805	.3456237	1.022646	.1822752

#1	1322.643	2372.378	31333.20	6946.235	2150.916
#2	1319.141	2380.532	31547.24	6955.869	2153.762
#3	1314.610	2365.342	31407.95	6828.935	2146.014

Sample Name: K5068-03LX5 Acquired: 10/02/2019 14:13:13 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v978) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: MDBAF9L Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0056294	-.001821	.0015882	-.000196	.0023564	-.028247	.7643193
Stddev	.0010961	.001527	.0002457	.002369	.0027594	.003408	.0040516
%RSD	19.47130	83.85793	15.47006	1207.879	117.1008	12.06596	.5300975

#1	.0049407	-.001684	.0014491	.001030	-.000743	-.032182	.7675881
#2	.0050540	-.000367	.0018719	-.002927	.003267	-.026262	.7655835
#3	.0068933	-.003412	.0014436	.001309	.004545	-.026297	.7597863

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0000926	-.000000	125.5863	.0002883	.0038615	.0016831	-.016044
Stddev	.0000916	.000060	.3506	.0003338	.0001790	.0021290	.013898
%RSD	98.95503	20208.06	.2791869	115.7709	4.635099	126.4927	86.62569

#1	-.000007	.000054	125.7840	.0005335	.0040586	.0028327	-.011256
#2	.000112	.000010	125.7934	.0004233	.0038169	-.000774	-.031702
#3	.000173	-.000065	125.1815	-.000092	.0037091	.002990	-.005172

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.5667838	3.420226	.0070306	.0001804	303.6233	.0020639	.3359724
Stddev	.0013989	.012557	.0001144	.0002259	1.2214	.0007608	.0006965
%RSD	.2468123	.3671432	1.626618	125.1830	.4022684	36.86221	.2073180

#1	.5657660	3.421625	.0071270	-.000002	304.2263	.0028896	.3352640
#2	.5683789	3.432026	.0069042	.000433	304.4258	.0019108	.3366564
#3	.5662064	3.407029	.0070606	.000110	302.2176	.0013913	.3359969

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.646797	.0093989	.0690656	.0058007	1.373708	.5515841	-.003878
Stddev	.078955	.0033514	.0009714	.0004557	.006548	.0008111	.001126
%RSD	2.983057	35.65680	1.406551	7.855744	.4766989	.1470589	29.04409

#1	2.733889	.0122402	.0694935	.0061112	1.370779	.5507705	-.003503
#2	2.626600	.0102536	.0679536	.0060134	1.369135	.5523928	-.002987
#3	2.579902	.0057030	.0697495	.0052776	1.381210	.5515891	-.005144

Sample Name: K5068-03LX5 Acquired: 10/02/2019 14:13:13 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v978) Mode: CONC Corr. Factor: 1.000000
 User: BIN Custom ID1: MDBAF9L Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	-.002377	.0607236	.4027150
Stddev	.001038	.0010911	.0010713
%RSD	43.66087	1.796790	.2660243

#1	-.001406	.0615134	.4015045
#2	-.002255	.0594786	.4035409
#3	-.003471	.0611788	.4030997

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1295.144	2324.420	30849.48	6445.869	2358.080
Stddev	3.592	3.694	50.05	14.770	2.649
%RSD	.2773596	.1589139	.1622330	.2291427	.1123365

#1	1299.232	2324.293	30809.80	6432.725	2355.466
#2	1292.491	2328.176	30832.93	6443.028	2360.763
#3	1293.709	2320.792	30905.70	6461.853	2358.011

Sample Name: K5069-01 Acquired: 10/02/2019 14:29:26 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v978) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: MDBAF3 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000476	-.007329	.0048984	.0140746	.0010006	-.396600
Stddev	.004558	.001947	.0021942	.0021178	.0005413	.013660
%RSD	958.1603	26.56469	44.79381	15.04666	54.09773	3.444190

#1	.002368	-.005576	.0047200	.0123009	.0009689	-.383038
#2	.001938	-.006987	.0071763	.0135037	.0004758	-.410355
#3	-.005733	-.009424	.0027988	.0164193	.0015570	-.396408

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.684942	.0001798	-.000172	F 923.8869	.0025710	-.001687
Stddev	.010463	.0000669	.000121	9.6699	.0005739	.000621
%RSD	.6209562	37.18988	70.28970	1.046658	22.32098	36.80958

#1	1.676774	.0001861	-.000064	918.6339	.0022538	-.000970
#2	1.696735	.0002433	-.000303	935.0465	.0032334	-.002065
#3	1.681316	.0001100	-.000149	917.9805	.0022257	-.002025

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0056377	-.380232	.2022955	47.71885	.0070756	-.000336
Stddev	.0020690	.001787	.0016583	.32376	.0003160	.000366
%RSD	36.69920	.4699584	.8197209	.6784752	4.465597	108.9990

#1	.0032720	-.379534	.2015919	47.54838	.0073010	-.000115
#2	.0071092	-.382263	.2041896	48.09223	.0072114	-.000134
#3	.0065319	-.378899	.2011051	47.51595	.0067145	-.000758

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F 1533.159	.0002222	.3532177	2.515360	.0106634	.1691225
Stddev	6.311	.0001776	.0101231	.064679	.0044335	.0008416
%RSD	.4116072	79.94521	2.865966	2.571354	41.57703	.4976486

#1	1529.247	.0000760	.3421822	2.459020	.0152241	.1697818
#2	1540.439	.0001707	.3553978	2.501073	.0103969	.1681745
#3	1529.791	.0004199	.3620731	2.585988	.0063691	.1694112

Sample Name: K5069-01 Acquired: 10/02/2019 14:29:26 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v978) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: MDBAF3 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0000191	5.992327	2.882803	-.003206	-.021115	.0151322
Stddev	.0003898	.014693	.020371	.000796	.001025	.0009871
%RSD	2044.360	.2451948	.7066305	24.83541	4.856311	6.523162

#1	.0001010	6.001001	2.876821	-.003377	-.021626	.0158554
#2	-.000405	5.975363	2.905495	-.002338	-.019934	.0140076
#3	.000361	6.000618	2.866094	-.003903	-.021784	.0155335

Elem	Sr4077
Units	ppm
Avg	6.559801
Stddev	.055254
%RSD	.8423125

#1	6.498857
#2	6.606624
#3	6.573923

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1211.739	2175.229	29097.40	6395.769	2083.128
Stddev	8.525	.963	173.38	41.502	.577
%RSD	.7035613	.0442832	.5958582	.6488907	.0276842

#1	1221.493	2175.039	29195.34	6419.767	2082.474
#2	1208.019	2176.273	28897.22	6347.847	2083.565
#3	1205.706	2174.374	29199.66	6419.692	2083.345

Sample Name: K5068-05 Acquired: 10/02/2019 14:09:07 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v978) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: MDBAF9S Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0786194	.0515122	.0303293	.0764868	.1223883	1.917580
Stddev	.0035001	.0023227	.0011039	.0044650	.0009975	.010594
%RSD	4.451925	4.509080	3.639757	5.837550	.8150165	.5524842

#1	.0817010	.0516739	.0297539	.0815544	.1232443	1.910895
#2	.0748140	.0537498	.0316021	.0731312	.1212929	1.929795
#3	.0793432	.0491128	.0296320	.0747749	.1226277	1.912049

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	6.021478	.0527852	.0601921	594.8137	.2246168	.6178239
Stddev	.033063	.0002974	.0001277	.9054	.0005152	.0026279
%RSD	.5490778	.5635084	.2121189	.1522176	.2293761	.4253517

#1	6.020794	.0530060	.0600462	593.7685	.2247547	.6151900
#2	6.054877	.0529025	.0602467	595.3566	.2250490	.6204458
#3	5.988763	.0524469	.0602834	595.3160	.2240466	.6178360

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.2395305	1.017844	3.181780	15.99069	.6378647	.0587086
Stddev	.0026443	.011449	.016635	.10572	.0001069	.0006191
%RSD	1.103955	1.124867	.5228120	.6611507	.0167631	1.054463

#1	.2414855	1.006964	3.175220	15.92603	.6379164	.0593307
#2	.2405842	1.029789	3.200695	16.11270	.6377418	.0580926
#3	.2365218	1.016780	3.169426	15.93335	.6379359	.0587026

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F 1478.493	.5889989	2.248292	6.217258	.0610122	.3101048
Stddev	4.952	.0031021	.011737	.013580	.0030166	.0025735
%RSD	.3349035	.5266706	.5220518	.2184253	4.944324	.8298763

#1	1478.525	.5876978	2.239046	6.231368	.0593407	.3120647
#2	1483.429	.5925397	2.261497	6.204278	.0644945	.3110593
#3	1473.526	.5867593	2.244334	6.216130	.0592012	.3071905

Sample Name: K5068-05 Acquired: 10/02/2019 14:09:07 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v978) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: MDBAF9S Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0300303	7.035911	2.631008	-.003840	-.013781	.1579946
Stddev	.0006731	.027752	.012198	.001641	.000145	.0019631
%RSD	2.241455	.3944339	.4636178	42.73177	1.053188	1.242481

#1	.0307119	7.003896	2.644442	-.004618	-.013642	.1578951
#2	.0300130	7.050695	2.627955	-.001955	-.013932	.1600056
#3	.0293660	7.053141	2.620626	-.004946	-.013771	.1560832

Elem	Sr4077
Units	ppm
Avg	1.963046
Stddev	.003181
%RSD	.1620495

#1	1.962073
#2	1.966601
#3	1.960466

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1271.379	2281.675	30327.51	6662.749	2128.385
Stddev	7.935	3.496	111.42	26.740	3.484
%RSD	.6241361	.1532335	.3673985	.4013417	.1636856

#1	1280.502	2278.500	30436.46	6684.360	2131.679
#2	1266.081	2281.102	30332.31	6632.844	2124.738
#3	1267.555	2285.422	30213.76	6671.043	2128.739

Sample Name: K5068-08 Acquired: 10/02/2019 14:25:24 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v978) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: MDBAG4 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.001574	-.003763	F 62.35122	.0045000	.2246449	.2210402
Stddev	.002934	.000553	.08668	.0010570	.0028245	.0033479
%RSD	186.4742	14.69758	.1390119	23.48826	1.257339	1.514602

#1	.001791	-.003157	62.34634	.0033527	.2233038	.2174414
#2	-.003604	-.004241	62.26709	.0054341	.2227407	.2216169
#3	-.002908	-.003891	62.44024	.0047131	.2278901	.2240622

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.224884	.0001703	.0667502	104.9945	.0055467	.0161550
Stddev	.004549	.0000266	.0002027	.4027	.0002989	.0003597
%RSD	.3713987	15.61644	.3036132	.3835400	5.389721	2.226682

#1	1.226987	.0001753	.0665804	105.0809	.0058059	.0158449
#2	1.228002	.0001941	.0666955	105.3470	.0056146	.0165493
#3	1.219664	.0001416	.0669745	104.5556	.0052197	.0160707

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.9413904	-.047338	1.566208	7.627058	.1229728	.0000399
Stddev	.0010970	.008635	.007413	.051009	.0009058	.0005444
%RSD	.1165274	18.24128	.4733317	.6687841	.7365566	1364.761

#1	.9412431	-.045754	1.565442	7.615738	.1226864	-.000334
#2	.9425535	-.056655	1.573975	7.682776	.1239871	-.000211
#3	.9403745	-.039604	1.559208	7.582660	.1222448	.000665

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F 1509.118	-.000630	25.37913	7.513629	.0535948	.3132393
Stddev	2.529	.000117	.11176	.021797	.0038064	.0013716
%RSD	.1675947	18.53909	.4403453	.2901029	7.102191	.4378729

#1	1510.189	-.000576	25.27219	7.488601	.0497271	.3145581
#2	1510.935	-.000765	25.49515	7.528448	.0537206	.3118204
#3	1506.229	-.000551	25.37005	7.523839	.0573368	.3133394

Sample Name: K5068-08 Acquired: 10/02/2019 14:25:24 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v978) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: MDBAG4 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000220	2.853244	6.393662	-.001306	-.002845	.0153957
Stddev	.000323	.009313	.030222	.001108	.000785	.0012468
%RSD	146.7895	.3264147	.4726911	84.85860	27.58444	8.098127

#1	-.000063	2.852252	6.425015	-.002224	-.002027	.0152637
#2	-.000005	2.863013	6.364714	-.001619	-.002917	.0142201
#3	-.000591	2.844466	6.391258	-.000075	-.003592	.0167032

Elem	Sr4077
Units	ppm
Avg	.4196543
Stddev	.0003256
%RSD	.0775955

#1	.4193098
#2	.4199571
#3	.4196960

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1279.254	2298.482	30089.91	6657.869	2230.156
Stddev	2.792	4.622	152.33	20.719	2.225
%RSD	.2182256	.2010889	.5062345	.3112001	.0997552

#1	1278.786	2303.668	30144.83	6639.099	2230.053
#2	1276.725	2296.983	29917.75	6654.406	2232.431
#3	1282.250	2294.796	30207.17	6680.101	2227.985

Sample Name: CCV081 Acquired: 10/02/2019 14:42:10 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v978) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: CCV081 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.914953	4.840307	24.43219	4.880356	4.925040	390.5111	10.29405
Stddev	.016850	.013862	.01150	.005807	.003688	1.5447	.03985
%RSD	.3428316	.2863793	.0470809	.1189867	.0748844	.3955606	.3871082

#1	4.933054	4.845634	24.41901	4.886963	4.928605	391.8204	10.31887
#2	4.899723	4.824571	24.44025	4.876060	4.921240	390.9055	10.31520
#3	4.912082	4.850714	24.43729	4.878046	4.925274	388.8074	10.24809

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.4905841	2.450000	398.9391	14.95056	2.489233	15.06437	396.8783
Stddev	.0030382	.002528	.6037	.01770	.001563	.01160	.5202
%RSD	.6192983	.1031923	.1513236	.1183695	.0627708	.0770089	.1310835

#1	.4897723	2.447091	399.1379	14.93157	2.488409	15.07524	396.7119
#2	.4939457	2.451669	399.4183	14.95354	2.488255	15.06573	397.4614
#3	.4880342	2.451240	398.2611	14.96659	2.491035	15.05216	396.4616

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	14.69307	390.7230	2.504300	1.269434	397.9836	2.471845	14.39245
Stddev	.01794	.3781	.004428	.001377	.8017	.011324	.15941
%RSD	.1221296	.0967782	.1768200	.1084781	.2014469	.4581143	1.107621

#1	14.68757	390.3049	2.505284	1.268562	397.9938	2.484790	14.39006
#2	14.71312	391.0410	2.499463	1.271022	398.7801	2.463773	14.23424
#3	14.67852	390.8232	2.508154	1.268719	397.1768	2.466972	14.55304

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	155.4743	5.108495	4.918080	4.861912	5.053634	4.829343	4.943121
Stddev	.1822	.005899	.024107	.004940	.011529	.023366	.010699
%RSD	.1171929	.1154791	.4901673	.1015988	.2281412	.4838429	.2164465

#1	155.4587	5.107156	4.923151	4.865912	5.061684	4.828480	4.934498
#2	155.6638	5.103381	4.939249	4.863434	5.058792	4.853128	4.939770
#3	155.3004	5.114949	4.891842	4.856391	5.040426	4.806419	4.955094

Sample Name: CCV081 Acquired: 10/02/2019 14:42:10 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v978) Mode: CONC Corr. Factor: 1.000000
 User: BIN Custom ID1: CCV081 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	4.985476	5.119090	4.956450
Stddev	.005031	.017082	.044868
%RSD	.1009071	.3336888	.9052533

#1	4.987950	5.115158	4.917859
#2	4.988790	5.137794	5.005683
#3	4.979687	5.104316	4.945810

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1086.484	2021.514	28144.38	6126.904	2021.291
Stddev	6.705	4.080	10.21	32.416	1.972
%RSD	.6170992	.2018431	.0362730	.5290805	.0975729

#1	1085.988	2016.803	28143.58	6122.217	2019.789
#2	1093.423	2023.800	28154.97	6097.087	2023.524
#3	1080.041	2023.938	28134.60	6161.409	2020.558

Sample Name: K5068-07 Acquired: 10/02/2019 14:21:22 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v978) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: MDBAG2 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0062878	-.005590	.0031789	.0076535	-.001319	.0058575
Stddev	.0025640	.001367	.0025294	.0065509	.001746	.0108331
%RSD	40.77742	24.45570	79.56820	85.59417	132.4022	184.9435

#1	.0065601	-.006992	.0050673	.0050149	-.002393	.0150582
#2	.0035985	-.005516	.0003051	.0151122	.000696	-.006082
#3	.0087047	-.004261	.0041642	.0028333	-.002260	.008597

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1586998	.0058778	.0001900	475.1334	.0084185	.0034289
Stddev	.0014642	.0000723	.0000576	.9252	.0006631	.0001850
%RSD	.9225927	1.230697	30.31267	.1947310	7.876522	5.394371

#1	.1570126	.0057948	.0001241	475.6301	.0078308	.0034106
#2	.1594495	.0059115	.0002148	474.0659	.0091374	.0036224
#3	.1596373	.0059272	.0002310	475.7041	.0082873	.0032538

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0032256	24.52142	3.030417	47.02168	.1098758	-.000515
Stddev	.0019590	.05198	.007300	.06260	.0006240	.000279
%RSD	60.73254	.2119960	.2408957	.1331327	.5679317	54.13908

#1	.0010027	24.49885	3.031835	46.99912	.1097558	-.000422
#2	.0047000	24.48453	3.022512	46.97348	.1093206	-.000295
#3	.0039740	24.58087	3.036904	47.09243	.1105512	-.000829

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F 1223.458	.0032951	.5575811	1.333701	.3328344	.3640122
Stddev	.640	.0018481	.0063169	.029524	.0026310	.0018791
%RSD	.0522818	56.08592	1.132904	2.213672	.7904830	.5162087

#1	1224.188	.0046508	.5505033	1.312186	.3309324	.3618955
#2	1222.995	.0040444	.5595934	1.367360	.3317339	.3646578
#3	1223.191	.0011900	.5626467	1.321556	.3358370	.3654834

Sample Name: K5068-07 Acquired: 10/02/2019 14:21:22 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v978) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: MDBAG2 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0021952	139.4657	4.993725	-.003679	-.009892	.0068749
Stddev	.0004594	.4642	.018840	.001394	.000856	.0015856
%RSD	20.92806	.3328698	.3772719	37.90277	8.650535	23.06425

#1	.0017551	139.1526	4.972442	-.004126	-.010487	.0052047
#2	.0026718	139.2455	5.000465	-.002116	-.010279	.0070602
#3	.0021587	139.9991	5.008268	-.004795	-.008912	.0083597

Elem	Sr4077
Units	ppm
Avg	.2355213
Stddev	.0000916
%RSD	.0389083

#1	.2355185
#2	.2354311
#3	.2356143

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1255.334	2249.131	29830.11	6430.864	2195.085
Stddev	3.746	3.755	34.01	7.243	.831
%RSD	.2984037	.1669708	.1139975	.1126222	.0378681

#1	1252.776	2253.435	29792.13	6433.606	2195.072
#2	1253.592	2246.523	29840.48	6436.336	2194.260
#3	1259.633	2247.435	29857.72	6422.651	2195.922

Sample Name: K5069-02 Acquired: 10/02/2019 14:33:48 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v978) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: MDBAF4 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0049775	-.009895	.0082907	.0102187	.0014003	.4075328
Stddev	.0028186	.003574	.0009551	.0009930	.0020763	.0055995
%RSD	56.62622	36.11601	11.52077	9.717728	148.2729	1.374010

#1	.0052802	-.011713	.0072384	.0106381	.0023481	.4037439
#2	.0020198	-.005778	.0085307	.0090848	.0028337	.4139647
#3	.0076326	-.012195	.0091029	.0109332	-.000981	.4048899

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.697492	.0001573	.0000364	F 844.5621	.0027632	-.001229
Stddev	.008387	.0000498	.0000928	2.1557	.0002259	.000320
%RSD	.4940686	31.68352	255.2235	.2552486	8.174499	26.03390

#1	1.697536	.0001353	-.000068	843.0113	.0025156	-.001102
#2	1.705856	.0002143	.000066	847.0237	.0028159	-.001593
#3	1.689083	.0001223	.000111	843.6512	.0029580	-.000991

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0644086	-.007165	.1766094	65.73636	.0048099	-.000146
Stddev	.0029837	.001787	.0005680	.45910	.0007472	.000307
%RSD	4.632498	24.93864	.3216310	.6983932	15.53578	211.0135

#1	.0652887	-.005802	.1769619	65.60139	.0055865	.000091
#2	.0668533	-.006505	.1769122	66.24781	.0040959	-.000035
#3	.0610838	-.009188	.1759541	65.35987	.0047472	-.000493

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F 1412.522	.0035487	.3876968	3.216221	.0458417	.1895466
Stddev	6.122	.0017251	.0034855	.079608	.0062586	.0030438
%RSD	.4334343	48.61307	.8990194	2.475196	13.65259	1.605832

#1	1411.492	.0054035	.3870560	3.125073	.0453539	.1876770
#2	1419.094	.0019921	.3845762	3.251477	.0523300	.1930589
#3	1406.981	.0032506	.3914582	3.272113	.0398414	.1879041

Sample Name: K5069-02 Acquired: 10/02/2019 14:33:48 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v978) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: MDBAF4 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0005323	9.533340	5.029438	-.002322	.0237801	.0131466
Stddev	.0002589	.048014	.061020	.001684	.0023307	.0013758
%RSD	48.63241	.5036471	1.213259	72.54890	9.801116	10.46477

#1	.0007829	9.488653	4.976354	-.001798	.0224196	.0131234
#2	.0002659	9.527265	5.096105	-.004206	.0264714	.0145339
#3	.0005482	9.584103	5.015854	-.000962	.0224494	.0117826

Elem	Sr4077
Units	ppm
Avg	7.012819
Stddev	.053487
%RSD	.7627020

#1	6.993942
#2	7.073185
#3	6.971331

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1220.698	2194.407	29258.39	6403.354	2095.637
Stddev	4.751	1.083	63.36	44.910	3.208
%RSD	.3892053	.0493439	.2165439	.7013459	.1531036

#1	1215.915	2193.465	29191.52	6446.173	2099.327
#2	1225.416	2195.590	29317.52	6356.611	2093.506
#3	1220.762	2194.166	29266.13	6407.278	2094.077

Sample Name: CCB081 Acquired: 10/02/2019 14:46:22 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v978) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: CCB081 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.001818	-.002177	.0007734	-.000261	-.001875	.0179135
Stddev	.000505	.001024	.0010935	.003626	.000979	.0074416
%RSD	27.77145	47.01423	141.3859	1391.028	52.20178	41.54175

#1	-.001405	-.002268	.0005642	-.000806	-.001002	.0256100
#2	-.002380	-.001111	-.000200	-.003584	-.002933	.0173742
#3	-.001668	-.003152	.001956	.003607	-.001691	.0107562

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000308	-.000030	-.000034	.0036299	.0001967	.0002886
Stddev	.000368	.000037	.000057	.0084046	.0007914	.0003019
%RSD	119.4578	125.4263	170.3456	231.5368	402.3938	104.6287

#1	.000116	-.000007	.000032	-.005724	.0011014	.0000453
#2	-.000495	-.000072	-.000064	.006069	-.000144	.0001939
#3	-.000545	-.000009	-.000069	.010545	-.000367	.0006265

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0003977	.0198640	.0007630	.0109848	-.000225	-.000082
Stddev	.0029653	.0050611	.0001263	.0145161	.000201	.000160
%RSD	745.6391	25.47872	16.55759	132.1474	88.98674	194.5769

#1	.0028871	.0228582	.0007149	.0272201	-.000010	.000089
#2	.0011890	.0227133	.0006677	-.000742	-.000259	-.000108
#3	-.002883	.0140206	.0009063	.006476	-.000407	-.000227

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.6694860	-.001511	-.000783	.7771227	.0020799	.0140505
Stddev	.0907080	.000756	.000911	.0206892	.0011245	.0008574
%RSD	13.54891	50.07014	116.2937	2.662278	54.06707	6.102481

#1	.6258908	-.001955	-.000388	.7566947	.0033427	.0148124
#2	.7737611	-.000637	-.000137	.7766100	.0011867	.0142170
#3	.6088060	-.001939	-.001826	.7980635	.0017102	.0131220

Sample Name: CCB081 Acquired: 10/02/2019 14:46:22 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v978) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: CCB081 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0005321	.0040925	.0011720	.0011089	.0008638	F .0165616
Stddev	.0003619	.0065055	.0003858	.0003263	.0002824	.0012798
%RSD	68.00941	158.9614	32.91345	29.43012	32.69651	7.727636

#1	.0004010	.0068935	.0009438	.0010298	.0011858	.0180096
#2	.0009413	.0087283	.0009549	.0008293	.0007473	.0155819
#3	.0002540	-.003344	.0016174	.0014674	.0006582	.0160932

Elem	Sr4077
Units	ppm
Avg	.0002143
Stddev	.0000809
%RSD	37.76527

#1	.0002382
#2	.0002806
#3	.0001241

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1324.396	2394.915	31466.62	6394.055	2543.541
Stddev	2.952	3.427	111.39	10.504	4.056
%RSD	.2228926	.1431081	.3540063	.1642824	.1594681

#1	1321.020	2391.520	31356.62	6401.206	2538.964
#2	1325.673	2394.851	31463.90	6381.995	2544.970
#3	1326.494	2398.374	31579.36	6398.964	2546.690

Sample Name: PB123572BL Acquired: 10/02/2019 15:06:41 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v978) Mode: CONC Corr. Factor: 1.000000
 User: BIN Custom ID1: PBS572 Custom ID2: Custom ID3:
 Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.003976	-.002671	-.001164	-.000449	-.001857	-.005219	-.000795
Stddev	.001894	.000949	.001279	.002698	.000612	.001129	.000389
%RSD	47.63932	35.51851	109.8255	600.9467	32.98051	21.64264	48.95432

#1	-.006043	-.002988	.000206	-.003446	-.002149	-.004733	-.000464
#2	-.003561	-.003421	-.001374	.000312	-.002269	-.006510	-.001224
#3	-.002323	-.001604	-.002326	.001786	-.001153	-.004413	-.000697

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000007	.0000125	-.006467	-.000472	-.000057	.0005617	-.000356
Stddev	.000058	.0000356	.006207	.000149	.000204	.0002837	.004277
%RSD	793.2344	284.9238	95.98504	31.55354	354.4242	50.51240	1200.449

#1	-.000031	-.000019	-.010036	-.000560	.000170	.0008048	-.003575
#2	-.000050	.000051	.000701	-.000557	-.000117	.0006304	-.001991
#3	.000059	.000005	-.010066	-.000300	-.000225	.0002499	.004497

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0001612	-.001798	-.000302	-.000123	.4597564	-.001143	-.000487
Stddev	.0002419	.012763	.000129	.000256	.2115536	.001879	.000895
%RSD	150.1138	709.7514	42.73382	208.8865	46.01427	164.4679	183.6331

#1	.0003462	-.008247	-.000415	-.000408	.2732691	-.001393	.000387
#2	.0002498	-.010051	-.000331	.000088	.6896448	.000849	-.001402
#3	-.000113	.012902	-.000161	-.000048	.4163555	-.002884	-.000448

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.6351915	-.000271	.0022890	.0000852	.0012372	.0010255	-.000362
Stddev	.0567063	.000426	.0005165	.0004654	.0009972	.0003539	.001704
%RSD	8.927437	157.2089	22.56488	546.2482	80.59555	34.50552	470.2755

#1	.5912738	-.000604	.0022447	-.000423	.0006670	.0011386	.000659
#2	.6992102	-.000416	.0017961	.000189	.0006561	.0006289	.000584
#3	.6150905	.000209	.0028263	.000490	.0023886	.0013091	-.002329

Sample Name: PB123572BL Acquired: 10/02/2019 15:06:41 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v978) Mode: CONC Corr. Factor: 1.000000
 User: BIN Custom ID1: PBS572 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	-.000371	.0122160	.0000190
Stddev	.000455	.0006730	.0000229
%RSD	122.7044	5.508897	120.5051

#1	-.000592	.0129757	.0000440
#2	-.000672	.0119778	.0000136
#3	.000152	.0116945	-.000001

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1334.302	2403.309	31467.05	6365.393	2549.908
Stddev	6.641	1.125	213.17	44.720	3.141
%RSD	.4976935	.0468162	.6774344	.7025485	.1231914

#1	1341.959	2402.096	31597.44	6351.402	2548.296
#2	1330.833	2404.318	31582.67	6415.436	2547.899
#3	1330.115	2403.513	31221.06	6329.341	2553.528

Sample Name: K5069-06 Acquired: 10/02/2019 14:58:35 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v978) Mode: CONC Corr. Factor: 1.000000
 User: BIN Custom ID1: MDBAK8S Custom ID2: Custom ID3:
 Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0450612	.0553768	.2735027	.0703081	.1363028	2.773576
Stddev	.0033069	.0014961	.0003060	.0047957	.0014597	.018297
%RSD	7.338786	2.701627	.1118935	6.820994	1.070889	.6596896

#1	.0462130	.0555199	.2735952	.0651078	.1375435	2.778222
#2	.0413324	.0538143	.2737517	.0745564	.1346944	2.753403
#3	.0476383	.0567961	.2731610	.0712602	.1366704	2.789101

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.994160	.0545299	.0806175	87.06991	.2296496	.5843345
Stddev	.012247	.0004955	.0002636	.58720	.0008566	.0005646
%RSD	.4090367	.9087482	.3269605	.6744027	.3729912	.0966292

#1	2.998615	.0550171	.0803928	87.49390	.2286867	.5836834
#2	2.980309	.0540264	.0805522	86.39968	.2303270	.5846891
#3	3.003557	.0545463	.0809077	87.31616	.2299350	.5846310

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.3106526	1.464880	.8050312	9.341536	.6056241	.0583058
Stddev	.0025692	.005517	.0037189	.069331	.0009022	.0002787
%RSD	.8270346	.3766495	.4619575	.7421786	.1489693	.4779120

#1	.3116596	1.459154	.8082883	9.408406	.6065142	.0584122
#2	.3077324	1.465325	.8009791	9.269981	.6047103	.0585157
#3	.3125657	1.470162	.8058261	9.346221	.6056479	.0579897

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F 1466.610	.5947615	1.596571	6.257542	.2650029	.1545376
Stddev	6.077	.0023165	.014403	.065691	.0034510	.0018192
%RSD	.4143773	.3894786	.9021250	1.049796	1.302265	1.177175

#1	1469.271	.5939427	1.580051	6.216833	.2682337	.1547654
#2	1459.656	.5973762	1.603173	6.333326	.2654076	.1526152
#3	1470.903	.5929657	1.606490	6.222466	.2613673	.1562321

Sample Name: K5069-06 Acquired: 10/02/2019 14:58:35 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v978) Mode: CONC Corr. Factor: 1.000000
 User: BIN Custom ID1: MDBAK8S Custom ID2: Custom ID3:
 Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000222	1.225607	3.061159	-.001338	.0109298	.0008381
Stddev	.000409	.005540	.028619	.001703	.0008899	.0010104
%RSD	184.0545	.4520398	.9348983	127.2794	8.142155	120.5519

#1	.000171	1.229411	3.082374	-.003117	.0099436	-.000321
#2	-.000644	1.228160	3.028609	.000278	.0111728	.001531
#3	-.000193	1.219251	3.072492	-.001176	.0116729	.001305

Elem	Sr4077
Units	ppm
Avg	.3306697
Stddev	.0001336
%RSD	.0404132

#1	.3308042
#2	.3305370
#3	.3306678

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1279.545	2310.690	29946.20	6457.458	2224.992
Stddev	5.608	2.318	107.98	65.671	.849
%RSD	.4382509	.1003235	.3605875	1.016974	.0381583

#1	1281.258	2311.552	29955.10	6397.305	2225.834
#2	1284.097	2308.064	29834.05	6527.520	2224.137
#3	1273.281	2312.454	30049.46	6447.549	2225.004

Sample Name: K5069-04LX5 Acquired: 10/02/2019 15:02:33 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v978) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: MDBAK8L Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.001966	-.001615	.0487874	.0006355	.0045956	.1363193	.1221887
Stddev	.003713	.002323	.0012174	.0013777	.0010387	.0059774	.0006813
%RSD	188.8854	143.8552	2.495372	216.7933	22.60104	4.384885	.5575937

#1	-.003672	.000577	.0483531	.0019618	.0034153	.1297858	.1216592
#2	.002294	-.001372	.0501624	.0007332	.0053701	.1376585	.1219494
#3	-.004518	-.004049	.0478466	-.000788	.0050014	.1415135	.1229573

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000002	.0041641	17.36247	.0000809	-.000358	.0153792	.0615742
Stddev	.000048	.0000752	.16158	.0002466	.000112	.0013533	.0042013
%RSD	2606.652	1.804873	.9306389	304.9103	31.30232	8.799819	6.823101

#1	.000042	.0041382	17.25697	.0000112	-.000410	.0139380	.0599211
#2	.000005	.0041053	17.28195	-.000123	-.000435	.0155765	.0584510
#3	-.000053	.0042488	17.54849	.000355	-.000229	.0166230	.0663506

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0483122	1.855681	.0021315	.0000022	289.6296	.0000765	.2098143
Stddev	.0005120	.035570	.0005764	.0001648	1.5388	.0015348	.0021189
%RSD	1.059699	1.916824	27.04361	7672.954	.5312836	2006.294	1.009872

#1	.0477400	1.892463	.0026234	.0001590	288.7996	-.001310	.2122300
#2	.0484697	1.821462	.0022738	.0000171	288.6841	-.000187	.2082706
#3	.0487269	1.853118	.0014972	-.000170	291.4051	.001726	.2089422

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.391871	.0480963	.0345449	.0000298	.2298585	.6177516	-.001173
Stddev	.085477	.0011817	.0012607	.0003963	.0029306	.0014260	.001390
%RSD	3.573640	2.456889	3.649509	1328.074	1.274953	.2308411	118.5065

#1	2.488747	.0467997	.0338374	.0003971	.2267358	.6193965	-.002326
#2	2.359790	.0483764	.0360005	-.000390	.2325489	.6168640	-.001562
#3	2.327075	.0491128	.0337968	.000083	.2302910	.6169942	.000370

Sample Name: K5069-04LX5 Acquired: 10/02/2019 15:02:33 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v978) Mode: CONC Corr. Factor: 1.000000
 User: BIN Custom ID1: MDBAK8L Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.0022983	.0226201	.0664262
Stddev	.0003338	.0006607	.0000480
%RSD	14.52562	2.920813	.0722446

#1	.0026482	.0221793	.0664803
#2	.0022636	.0223011	.0663887
#3	.0019832	.0233797	.0664096

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1307.657	2355.076	30793.88	6437.291	2413.330
Stddev	1.632	6.744	76.69	30.653	4.548
%RSD	.1248082	.2863722	.2490524	.4761845	.1884739

#1	1306.320	2347.294	30726.32	6452.963	2408.419
#2	1307.175	2358.712	30778.09	6456.940	2414.174
#3	1309.475	2359.221	30877.24	6401.970	2417.398

Sample Name: K5065-04 Acquired: 10/02/2019 15:41:59 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v978) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: MDBAL3 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0011290	.0005893	.0037385	-.000424	-.000165	.0419177	.0528656
Stddev	.0005627	.0008980	.0013813	.003218	.002678	.0108427	.0001617
%RSD	49.84125	152.3757	36.94765	758.3888	1626.675	25.86671	.3058676

#1	.0012934	.0008357	.0051468	.002660	-.002999	.0354977	.0527030
#2	.0015912	.0013384	.0036827	-.000172	.000181	.0358190	.0528675
#3	.0005024	-.000406	.0023860	-.003761	.002323	.0544365	.0530264

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0000252	-.000045	68.82511	.0005145	-.001157	.0020214	.0417845
Stddev	.0000858	.000025	.14290	.0004283	.000062	.0008787	.0035529
%RSD	339.7502	55.52717	.2076260	83.24021	5.399571	43.47112	8.503017

#1	.0000403	-.000028	68.69001	.0000217	-.001186	.0029752	.0399200
#2	.0001025	-.000033	68.81061	.0007253	-.001085	.0012447	.0395520
#3	-.000067	-.000073	68.97471	.0007966	-.001199	.0018443	.0458816

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0162962	22.65009	.0000832	-.000225	8.542138	-.000013	.0046988
Stddev	.0005017	.09653	.0001264	.000266	.202331	.002309	.0010660
%RSD	3.078602	.4262005	151.9692	118.0366	2.368628	18269.47	22.68577

#1	.0158995	22.56152	.0002106	-.000052	8.572791	-.000499	.0054259
#2	.0168602	22.63576	-.000042	-.000532	8.326229	-.002040	.0034752
#3	.0161289	22.75299	.000081	-.000093	8.727394	.002500	.0051954

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.773839	.0218826	.0142494	-.000015	5.723127	4.939217	-.003743
Stddev	.043540	.0018472	.0008640	.000070	.016523	.016642	.001429
%RSD	2.454548	8.441293	6.063051	485.2300	.2887056	.3369334	38.18110

#1	1.812494	.0232654	.0137929	.000008	5.739946	4.920002	-.004762
#2	1.726672	.0197848	.0137094	-.000093	5.722516	4.948927	-.004357
#3	1.782351	.0225974	.0152458	.000042	5.706917	4.948723	-.002109

Sample Name: K5065-04 Acquired: 10/02/2019 15:41:59 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v978) Mode: CONC Corr. Factor: 1.000000
 User: BIN Custom ID1: MDBAL3 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.0004707	.0003708	.2199979
Stddev	.0007005	.0014115	.0003636
%RSD	148.8118	380.6567	.1652702

#1	.0002907	.0009116	.2203831
#2	.0012437	-.001231	.2196606
#3	-.000122	.001432	.2199500

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1367.935	2468.168	32315.64	6573.019	2615.680
Stddev	2.394	4.146	76.84	9.103	2.621
%RSD	.1750352	.1679987	.2377860	.1384909	.1002178

#1	1365.212	2463.493	32240.11	6572.780	2613.584
#2	1369.710	2471.400	32393.73	6582.239	2618.619
#3	1368.882	2469.612	32313.08	6564.038	2614.837

Sample Name: K5059-14DL3X4 Acquired: 10/02/2019 15:54:09 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v978) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: MDBAF2 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.009187	.0071266	.0202457	-.013504	.0000797	32.82780	.2033524
Stddev	.000526	.0010101	.0024995	.001751	.0016050	.09154	.0008441
%RSD	5.730843	14.17325	12.34567	12.96567	2013.009	.2788630	.4150837

#1	-.009575	.0078668	.0173596	-.011886	.0013675	32.74616	.2023931
#2	-.009398	.0059759	.0216732	-.015363	-.001718	32.81045	.2036829
#3	-.008587	.0075370	.0217042	-.013264	.000590	32.92677	.2039812

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0100447	.0027660	.0677476	.0251435	.0611096	.0372236	212.4905
Stddev	.0000256	.0000596	.0278965	.0003414	.0003306	.0011461	.7452
%RSD	.2548470	2.153517	41.17711	1.358000	.5409414	3.079070	.3507009

#1	.0100349	.0027678	.0529703	.0250549	.0607719	.0366640	211.8591
#2	.0100738	.0028247	.0999242	.0248551	.0611244	.0385420	212.2999
#3	.0100255	.0027056	.0503484	.0255205	.0614325	.0364647	213.3125

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.3101111	2.863697	.0619352	-.004032	1.045220	.0545002	.1526000
Stddev	.0024753	.003135	.0005580	.000172	.061097	.0010815	.0035846
%RSD	.7981808	.1094567	.9009698	4.257829	5.845392	1.984355	2.348987

#1	.3074808	2.860144	.0625530	-.004119	1.111088	.0557085	.1484978
#2	.3104578	2.864877	.0617848	-.003834	1.034173	.0536230	.1541737
#3	.3123947	2.866071	.0614678	-.004143	.990401	.0541689	.1551285

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.641675	2.734004	.0146444	-.000111	.7111318	1.488322	.0035388
Stddev	.016328	.016346	.0060181	.000212	.0019092	.006260	.0015249
%RSD	.9946165	.5978763	41.09470	190.9167	.2684681	.4205850	43.09138

#1	1.660516	2.735511	.0087589	.000121	.7101822	1.495187	.0020684
#2	1.631638	2.716957	.0143876	-.000294	.7133296	1.486848	.0034350
#3	1.632872	2.749545	.0207868	-.000161	.7098837	1.482931	.0051129

Sample Name: K5059-14DL3X4 Acquired: 10/02/2019 15:54:09 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v978) Mode: CONC Corr. Factor: 1.000000
 User: BIN Custom ID1: MDBAF2 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.0464546	.0218542	.0172989
Stddev	.0000663	.0003038	.0000567
%RSD	.1428000	1.390266	.3278343

#1	.0464853	.0221694	.0173534
#2	.0465000	.0215632	.0173030
#3	.0463785	.0218299	.0172402

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1435.685	2582.440	34034.31	6951.513	2524.072
Stddev	9.385	10.482	156.23	2.449	6.255
%RSD	.6536814	.4058837	.4590498	.0352334	.2477979

#1	1443.713	2579.544	34213.24	6953.884	2519.241
#2	1437.976	2594.065	33964.77	6948.992	2531.137
#3	1425.367	2573.710	33924.91	6951.664	2521.838

Sample Name: K5065-05LX5 Acquired: 10/02/2019 16:02:11 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v978) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: MDBAL5L Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0008996	-.001547	.0010336	-.001564	-.001752	.0035278	.0167149
Stddev	.0023840	.000707	.0009262	.002764	.001058	.0055954	.0002514
%RSD	265.0237	45.71817	89.60976	176.7566	60.39280	158.6058	1.504041

#1	-.000664	-.000899	.0005653	-.003293	-.000651	.0000930	.0169514
#2	.003643	-.002301	.0021005	-.003022	-.001844	.0099844	.0164509
#3	-.000281	-.001441	.0004351	.001624	-.002761	.0005061	.0167423

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000048	.0000218	21.33302	.0002601	-.000738	.0010808	.0124956
Stddev	.000031	.0001014	.13719	.0001004	.000070	.0004625	.0019642
%RSD	63.31657	464.9731	.6430858	38.58363	9.420166	42.78828	15.71930

#1	-.000042	.0001380	21.31345	.0001507	-.000794	.0011071	.0109882
#2	-.000082	-.000024	21.47894	.0003479	-.000660	.0015296	.0147169
#3	-.000022	-.000049	21.20667	.0002818	-.000760	.0006058	.0117817

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0082809	5.383415	-.000167	-.000078	6.349368	.0002542	.0009134
Stddev	.0002771	.012855	.000181	.000132	.143462	.0004360	.0003481
%RSD	3.346038	.2387899	108.4142	169.3692	2.259472	171.4908	38.11271

#1	.0085922	5.398144	-.000256	.000053	6.279049	.0004441	.0005291
#2	.0081896	5.377642	-.000285	-.000075	6.254632	.0005631	.0012076
#3	.0080611	5.374458	.000041	-.000212	6.514423	-.000244	.0010034

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.4899467	.0036497	.0315164	.0001895	9.955534	1.216126	-.001987
Stddev	.0211631	.0011086	.0006264	.0004446	.024132	.008697	.001494
%RSD	4.319469	30.37597	1.987426	234.6731	.2423945	.7151305	75.17637

#1	.4710471	.0044392	.0314554	.0007029	9.975509	1.214609	-.002937
#2	.5128122	.0023823	.0321711	-.000064	9.928721	1.208287	-.000265
#3	.4859810	.0041276	.0309228	-.000071	9.962371	1.225481	-.002760

Sample Name: K5065-05LX5 Acquired: 10/02/2019 16:02:11 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v978) Mode: CONC Corr. Factor: 1.000000
 User: BIN Custom ID1: MDBAL5L Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	-.000567	.0057381	.3405117
Stddev	.000395	.0011571	.0004978
%RSD	69.64951	20.16554	.1461951

#1	-.000710	.0044692	.3405866
#2	-.000121	.0060103	.3409678
#3	-.000871	.0067349	.3399807

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1344.781	2416.455	31819.15	6482.508	2580.006
Stddev	6.172	5.325	119.39	8.550	7.486
%RSD	.4589897	.2203736	.3752278	.1318898	.2901674

#1	1338.278	2412.372	31832.87	6490.066	2572.522
#2	1345.506	2414.515	31693.49	6473.229	2580.000
#3	1350.559	2422.478	31931.09	6484.228	2587.495

Sample Name: K5065-11 Acquired: 10/02/2019 16:10:22 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v978) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: MDBAL9 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0080020	-.000241	.0040003	-.005043	-.002571	.0439798
Stddev	.0060041	.000866	.0015861	.000780	.003498	.0055467
%RSD	75.03249	358.4096	39.64865	15.46144	136.0745	12.61205

#1	.0026268	.000212	.0045831	-.004276	-.001655	.0393418
#2	.0068976	.000304	.0052125	-.005835	.000379	.0501241
#3	.0144817	-.001239	.0022053	-.005019	-.006436	.0424733

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0309495	.0000099	-.000093	37.49532	.0071366	.0038355
Stddev	.0006306	.0000345	.000064	.24304	.0004716	.0003395
%RSD	2.037417	347.2888	68.65053	.6481774	6.607731	8.850451

#1	.0305063	-.000028	-.000037	37.65140	.0074666	.0034435
#2	.0306709	.000019	-.000162	37.21530	.0073466	.0040298
#3	.0316714	.000039	-.000079	37.61926	.0065965	.0040332

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0065673	.4812110	.0244396	18.85793	.0311443	.0002381
Stddev	.0039384	.0046176	.0005111	.12737	.0002449	.0002589
%RSD	59.96989	.9595765	2.091109	.6754382	.7863245	108.7432

#1	.0087185	.4865357	.0249094	18.94817	.0313598	.0004871
#2	.0020218	.4783081	.0238954	18.71222	.0311949	-.000030
#3	.0089616	.4787892	.0245139	18.91338	.0308780	.000257

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	461.2212	.0041486	.0485931	111.1405	F 10.92715	8.220424
Stddev	.7448	.0004153	.0008052	.0327	.00669	.044751
%RSD	.1614918	10.01186	1.656920	.0294539	.0612664	.5443940

#1	460.9960	.0039561	.0476656	111.1673	10.93399	8.271802
#2	460.6149	.0038644	.0491117	111.1040	10.92061	8.199518
#3	462.0526	.0046253	.0490021	111.1503	10.92686	8.189951

Sample Name: K5065-11 Acquired: 10/02/2019 16:10:22 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v978) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: MDBAL9 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0074847	22.75561	4.917130	.0013638	.0016805	.0274090
Stddev	.0001569	.04633	.029722	.0003457	.0006626	.0006617
%RSD	2.096390	.2035878	.6044589	25.35102	39.42871	2.414226

#1	.0076493	22.80911	4.950420	.0017608	.0024301	.0270245
#2	.0074679	22.72842	4.907714	.0012015	.0011728	.0281731
#3	.0073369	22.72931	4.893257	.0011290	.0014386	.0270295

Elem	Sr4077
Units	ppm
Avg	.2049212
Stddev	.0001643
%RSD	.0801602

#1	.2048192
#2	.2048338
#3	.2051107

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1334.596	2404.475	31275.69	6529.159	2398.272
Stddev	4.016	4.056	143.92	37.532	5.209
%RSD	.3009096	.1686847	.4601556	.5748328	.2171839

#1	1338.407	2406.992	31441.86	6486.568	2399.141
#2	1334.978	2406.636	31191.07	6543.519	2402.992
#3	1330.403	2399.796	31194.13	6557.391	2392.684

Sample Name: PB123580BS Acquired: 10/02/2019 15:19:07 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v978) Mode: CONC Corr. Factor: 1.000000
 User: BIN Custom ID1: LCS580 Custom ID2: Custom ID3:
 Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0185077	.0509187	.0189198	.0745240	.1218132	.4005037
Stddev	.0041462	.0014917	.0003171	.0025035	.0021834	.0042813
%RSD	22.40244	2.929542	1.675980	3.359379	1.792439	1.068979

#1	.0190162	.0492469	.0192410	.0774030	.1235609	.3972948
#2	.0141308	.0521136	.0189115	.0733110	.1193656	.3988513
#3	.0223763	.0513956	.0186069	.0728580	.1225130	.4053650

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.4126104	.0109199	.0104546	10.69325	.0218900	.0981289
Stddev	.0017908	.0000851	.0000595	.04938	.0001952	.0003698
%RSD	.4340251	.7794970	.5690913	.4617985	.8917309	.3768235

#1	.4138298	.0108988	.0104642	10.71049	.0217038	.0977126
#2	.4105544	.0108473	.0105088	10.63756	.0218730	.0982548
#3	.4134471	.0110136	.0103909	10.73170	.0220931	.0984193

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0447825	.2072113	.0329214	10.13604	.0831845	.0207597
Stddev	.0008752	.0037041	.0001889	.05016	.0004484	.0001080
%RSD	1.954317	1.787592	.5737411	.4948285	.5390101	.5200702

#1	.0456169	.2090523	.0330447	10.16803	.0835290	.0206534
#2	.0448592	.2029474	.0327040	10.07823	.0826776	.0207565
#3	.0438716	.2096342	.0330157	10.16185	.0833470	.0208693

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	10.31333	.1038139	.1071546	9.128711	.0194288	F .0741500
Stddev	.10625	.0014719	.0012029	.068935	.0014956	.0002627
%RSD	1.030255	1.417862	1.122591	.7551496	7.697922	.3542117

#1	10.29387	.1037786	.1084891	9.098050	.0210264	.0744281
#2	10.42796	.1023598	.1061538	9.207658	.0180621	.0741158
#3	10.21815	.1053031	.1068208	9.080426	.0191977	.0739062

Sample Name: PB123580BS Acquired: 10/02/2019 15:19:07 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v978) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: LCS580 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0189360	.1801199	.1986934	F .0265268	.1871778	F .0736585
Stddev	.0001519	.0032993	.0014819	.0003904	.0008985	.0005034
%RSD	.8019592	1.831728	.7458035	1.471649	.4800148	.6834753
#1	.0187695	.1820227	.1980354	.0263591	.1876208	.0739263
#2	.0189714	.1820267	.1976544	.0262483	.1861438	.0730778
#3	.0190670	.1763102	.2003903	.0269730	.1877687	.0739714

Elem	Sr4077
Units	ppm
Avg	.1988922
Stddev	.0001445
%RSD	.0726386
#1	.1990434
#2	.1987556
#3	.1988776

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1413.589	2536.530	33059.09	6620.568	2701.085
Stddev	5.173	4.447	21.20	32.493	7.078
%RSD	.3659796	.1753290	.0641312	.4907900	.2620508
#1	1415.517	2541.665	33079.44	6610.516	2708.967
#2	1417.523	2534.018	33037.13	6656.899	2699.016
#3	1407.729	2533.907	33060.72	6594.288	2695.271

Sample Name: K5065-05 Acquired: 10/02/2019 15:46:01 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v978) Mode: CONC Corr. Factor: 1.000000
 User: BIN Custom ID1: MDBAL5 Custom ID2: Custom ID3:
 Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0036541	-.001932	.0046864	.0004431	-.001464	.0374708	.0865085
Stddev	.0037731	.002765	.0001734	.0004614	.001301	.0051209	.0004526
%RSD	103.2572	143.1064	3.698934	104.1389	88.88305	13.66640	.5231733

#1	.0034898	.000586	.0048786	.0008443	-.002924	.0410531	.0869175
#2	.0075067	-.004891	.0045419	-.000061	-.000424	.0397538	.0860223
#3	-.000034	-.001491	.0046388	.000546	-.001045	.0316054	.0865857

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000016	-.000044	106.9922	.0004851	-.001315	.0018953	.0569313
Stddev	.000036	.000067	.2895	.0003678	.000173	.0019454	.0020299
%RSD	221.6008	151.6958	.2706016	75.81990	13.13027	102.6446	3.565445

#1	.000018	-.000022	107.2175	.0004335	-.001125	.0032168	.0545880
#2	-.000054	-.000119	106.6657	.0001458	-.001361	-.000339	.0580563
#3	-.000013	.000009	107.0935	.0008759	-.001461	.002808	.0581496

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0401975	27.19512	.0003291	-.000199	30.55319	.0010467	.0074482
Stddev	.0001593	.03455	.0001021	.000403	.38539	.0016723	.0004870
%RSD	.3963591	.1270522	31.01816	202.8671	1.261370	159.7643	6.538355

#1	.0403794	27.23423	.0004424	-.000498	30.42408	.0027881	.0068936
#2	.0400827	27.18244	.0002443	.000260	30.24894	-.000547	.0076450
#3	.0401304	27.16870	.0003005	-.000359	30.98656	.000899	.0078060

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.828441	.0136487	.1611368	.0017740	51.22706	6.104660	-.005705
Stddev	.034107	.0026835	.0010221	.0003848	.09694	.027538	.000991
%RSD	1.865353	19.66105	.6343323	21.69121	.1892323	.4510975	17.36312

#1	1.823603	.0122319	.1600777	.0017657	51.27242	6.082442	-.006150
#2	1.864708	.0119705	.1612150	.0021629	51.29299	6.096069	-.006395
#3	1.797011	.0167436	.1621175	.0013935	51.11575	6.135470	-.004570

Sample Name: K5065-05 Acquired: 10/02/2019 15:46:01 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v978) Mode: CONC Corr. Factor: 1.000000
 User: BIN Custom ID1: MDBAL5 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	-.000098	.0153448	1.705028
Stddev	.000552	.0015026	.004832
%RSD	566.2915	9.792038	.2833863

#1	.000179	.0158380	1.700361
#2	-.000734	.0136576	1.710009
#3	.000262	.0165387	1.704715

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1360.388	2451.074	32033.56	6542.840	2587.304
Stddev	10.115	2.040	201.79	32.078	1.066
%RSD	.7435517	.0832100	.6299226	.4902812	.0412112

#1	1348.901	2448.719	31895.05	6533.971	2586.505
#2	1367.965	2452.246	32265.08	6578.420	2588.515
#3	1364.296	2452.257	31940.54	6516.129	2586.893

Sample Name: K5069-03 Acquired: 10/02/2019 14:38:09 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v978) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: MDBAF5 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0026609	-.006587	.0153760	.0046303	.0013914	-.043742
Stddev	.0018846	.003148	.0027417	.0029551	.0034214	.009537
%RSD	70.82858	47.78452	17.83073	63.82138	245.8951	21.80292

#1	.0045598	-.007575	.0161443	.0056546	.0045540	-.054424
#2	.0026320	-.009123	.0176515	.0069371	-.002240	-.040721
#3	.0007908	-.003064	.0123322	.0012993	.001861	-.036082

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.498761	.0001050	.0158828	585.7542	.0020305	-.001241
Stddev	.006761	.0000022	.0000748	2.7435	.0001992	.000274
%RSD	.4511307	2.058365	.4706276	.4683677	9.810786	22.05905

#1	1.501630	.0001053	.0159663	587.3129	.0019203	-.001094
#2	1.503615	.0001070	.0158222	587.3634	.0019107	-.001557
#3	1.491038	.0001027	.0158597	582.5865	.0022604	-.001072

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0953697	-.126673	.3840636	51.86266	.0118688	-.000218
Stddev	.0000637	.006725	.0028806	.25216	.0001276	.000209
%RSD	.0667907	5.309234	.7500194	.4862098	1.074771	95.59181

#1	.0952962	-.124297	.3864704	51.84861	.0117424	-.000326
#2	.0954025	-.121459	.3848484	52.12155	.0118664	.000022
#3	.0954102	-.134264	.3808720	51.61781	.0119975	-.000351

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F 1471.542	-.000281	.7677676	2.180003	.0543549	.2848270
Stddev	5.300	.001560	.0072626	.086236	.0035326	.0029821
%RSD	.3601490	556.2381	.9459306	3.955770	6.499142	1.046976

#1	1475.540	.000131	.7704352	2.102316	.0519369	.2851779
#2	1473.556	.001033	.7595485	2.272792	.0584090	.2876180
#3	1465.531	-.002005	.7733191	2.164900	.0527190	.2816849

Sample Name: K5069-03 Acquired: 10/02/2019 14:38:09 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v978) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: MDBAF5 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000215	11.01501	2.626573	-.005376	-.005934	.0080687
Stddev	.000117	.03477	.018734	.000599	.000983	.0003562
%RSD	54.59899	.3156264	.7132546	11.14126	16.56411	4.415121

#1	-.000138	11.05441	2.616937	-.005774	-.005422	.0082219
#2	-.000350	10.98864	2.648163	-.004687	-.005313	.0076614
#3	-.000156	11.00199	2.614617	-.005667	-.007067	.0083226

Elem	Sr4077
Units	ppm
Avg	.7844138
Stddev	.0027813
%RSD	.3545718

#1	.7833272
#2	.7875744
#3	.7823399

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1249.788	2248.371	29696.18	6478.209	2124.352
Stddev	11.104	3.391	193.77	51.469	1.115
%RSD	.8884841	.1508413	.6524960	.7944906	.0524999

#1	1239.100	2244.459	29501.44	6429.659	2124.097
#2	1261.266	2250.492	29698.13	6472.800	2123.386
#3	1248.999	2250.161	29888.96	6532.170	2125.573

Sample Name: CCV082 Acquired: 10/02/2019 16:18:30 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v978) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: CCV082 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.880487	4.821224	24.53588	4.808179	4.927830	394.8625	10.32971
Stddev	.013957	.016615	.05280	.014394	.014206	1.9495	.08877
%RSD	.2859726	.3446118	.2151994	.2993691	.2882784	.4937262	.8593846

#1	4.883159	4.828455	24.48340	4.816843	4.932687	395.9380	10.40525
#2	4.865387	4.802219	24.53523	4.791563	4.911833	392.6121	10.23193
#3	4.892914	4.832997	24.58900	4.816132	4.938971	396.0373	10.35195

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.4969799	2.459029	400.3250	14.91470	2.491219	15.01390	394.0997
Stddev	.0063282	.003015	.4976	.03262	.004329	.01861	.4131
%RSD	1.273321	.1226216	.1243090	.2187308	.1737723	.1239628	.1048312

#1	.5040736	2.458398	400.8969	14.91216	2.488821	15.01444	393.6272
#2	.4919147	2.456379	400.0870	14.88342	2.488620	14.99502	394.2785
#3	.4949516	2.462310	399.9911	14.94852	2.496217	15.03223	394.3933

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	14.59934	389.7143	2.506116	1.262557	399.0517	2.469998	13.97036
Stddev	.00792	.2397	.001464	.004256	.3869	.006623	.19099
%RSD	.0542480	.0615023	.0584112	.3371257	.0969666	.2681450	1.367082

#1	14.60670	389.5971	2.507034	1.259143	399.2109	2.462548	13.75681
#2	14.59096	389.5558	2.504428	1.261204	398.6105	2.475219	14.12480
#3	14.60035	389.9901	2.506887	1.267326	399.3336	2.472228	14.02949

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	154.7054	5.146518	4.971671	4.846625	5.102881	4.902106	4.951042
Stddev	.1168	.015432	.049873	.009694	.011991	.065200	.006216
%RSD	.0754947	.2998512	1.003143	.2000174	.2349902	1.330031	.1255523

#1	154.6328	5.160205	5.025215	4.851148	5.116700	4.971570	4.956708
#2	154.6432	5.129793	4.926538	4.835496	5.096733	4.842234	4.944393
#3	154.8401	5.149557	4.963261	4.853232	5.095211	4.892514	4.952027

Sample Name: CCV082 Acquired: 10/02/2019 16:18:30 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v978) Mode: CONC Corr. Factor: 1.000000
 User: BIN Custom ID1: CCV082 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	4.984588	5.130418	5.014742
Stddev	.009333	.008466	.044810
%RSD	.1872343	.1650198	.8935719

#1	4.976244	5.139487	5.039644
#2	4.994667	5.129043	4.963011
#3	4.982854	5.122723	5.041570

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1106.076	2039.805	28556.09	6128.081	2034.122
Stddev	4.445	6.986	141.30	49.935	4.762
%RSD	.4019121	.3424764	.4948185	.8148475	.2341124

#1	1111.055	2033.003	28713.93	6074.975	2029.533
#2	1102.506	2046.961	28512.98	6174.083	2039.040
#3	1104.666	2039.452	28441.37	6135.184	2033.793

Sample Name: K5069-05 Acquired: 10/02/2019 14:54:32 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v978) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: MDBAK8D Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.002576	-.003277	.2560348	.0072930	.0245506	.6986159
Stddev	.003245	.001704	.0013317	.0046914	.0006442	.0115942
%RSD	125.9468	52.01647	.5201293	64.32746	2.624186	1.659591

#1	.000660	-.004787	.2552303	.0020759	.0246771	.7060844
#2	-.005829	-.003613	.2575720	.0111648	.0251221	.6852592
#3	-.002560	-.001429	.2553022	.0086384	.0238524	.7045040

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.6263149	.0001310	.0216240	89.08320	.0019028	.0000532
Stddev	.0050334	.0000846	.0000595	.67782	.0003762	.0002682
%RSD	.8036549	64.56426	.2751457	.7608883	19.77180	503.9583

#1	.6294220	.0001361	.0216927	89.26564	.0015013	.0001069
#2	.6205076	.0000439	.0215926	88.33283	.0022471	.0002905
#3	.6290152	.0002128	.0215869	89.65114	.0019599	-.000238

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0736779	.3056992	.2454110	9.525167	.0121208	.0001749
Stddev	.0015050	.0096928	.0022526	.080023	.0004645	.0002531
%RSD	2.042650	3.170687	.9178985	.8401219	3.832464	144.6690

#1	.0719507	.3120989	.2452368	9.480915	.0122732	.0000293
#2	.0747078	.2945475	.2432506	9.477042	.0115992	.0000283
#3	.0743751	.3104512	.2477457	9.617542	.0124900	.0004671

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F 1497.043	.0007419	1.100329	6.321342	.2633354	.1588683
Stddev	6.604	.0013373	.009503	.018158	.0012559	.0011510
%RSD	.4411182	180.2554	.8636636	.2872496	.4769121	.7244690

#1	1495.079	.0022825	1.102068	6.301426	.2636519	.1587833
#2	1491.644	.0000627	1.090076	6.336977	.2644028	.1577622
#3	1504.406	-.000119	1.108842	6.325624	.2619516	.1600594

Sample Name: K5069-05 Acquired: 10/02/2019 14:54:32 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v978) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: MDBAK8D Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0002261	1.241386	3.123438	-.002147	.0108912	.0013649
Stddev	.0003035	.005153	.027242	.001336	.0006310	.0005639
%RSD	134.2307	.4151400	.8721690	62.21618	5.794037	41.31701

#1	.0004571	1.241619	3.111495	-.002660	.0104362	.0018477
#2	.0003388	1.246418	3.104207	-.000631	.0116116	.0015020
#3	-.000118	1.236119	3.154611	-.003151	.0106258	.0007451

Elem	Sr4077
Units	ppm
Avg	.3365662
Stddev	.0006486
%RSD	.1927015

#1	.3363006
#2	.3360926
#3	.3373054

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1281.549	2309.594	30008.82	6435.404	2229.679
Stddev	2.430	4.519	39.99	30.132	1.142
%RSD	.1896435	.1956447	.1332581	.4682190	.0512371

#1	1283.653	2310.091	30021.89	6438.695	2229.192
#2	1282.105	2313.843	29963.93	6463.756	2230.984
#3	1278.889	2304.847	30040.63	6403.762	2228.860

Sample Name: K5065-15 Acquired: 10/02/2019 16:34:56 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v978) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: MDBAL4 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0008301	-.001308	.0027572	.0040602	-.001515	.0323753	.0518125
Stddev	.0010632	.001831	.0013374	.0025085	.001119	.0039917	.0003760
%RSD	128.0841	140.0002	48.50723	61.78226	73.84369	12.32955	.7257486

#1	.0000329	-.002402	.0031396	.0013964	-.002617	.0361577	.0522367
#2	.0004200	.000806	.0038618	.0063774	-.001546	.0327654	.0516810
#3	.0020372	-.002328	.0012702	.0044068	-.000381	.0282028	.0515200

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0000298	-.000017	71.48262	.0001858	-.000952	.0004050	.0203735
Stddev	.0000972	.000040	.54300	.0005931	.000211	.0020532	.0070313
%RSD	326.0772	238.8684	.7596205	319.2400	22.17423	506.9523	34.51180

#1	-.000053	-.000013	71.31668	-.000487	-.001027	.0025313	.0144673
#2	.000137	-.000059	72.08923	.000409	-.000713	.0002500	.0185020
#3	.000005	.000022	71.04196	.000635	-.001115	-.001566	.0281511

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0129580	24.50224	-.000216	-.000394	8.475036	.0007915	.0052032
Stddev	.0003510	.13774	.000387	.000052	.194555	.0007206	.0004354
%RSD	2.708738	.5621707	179.0586	13.20057	2.295620	91.04339	8.367725

#1	.0125537	24.47418	-.000500	-.000342	8.491491	.0014881	.0047083
#2	.0131845	24.65185	-.000373	-.000446	8.272777	.0008371	.0055273
#3	.0131358	24.38068	.000225	-.000394	8.660841	.0000492	.0053739

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.960058	.0221170	.0197172	.0002497	6.209841	4.824414	-.004374
Stddev	.006884	.0004953	.0008713	.0002111	.021340	.037359	.001197
%RSD	.3512096	2.239303	4.418932	84.55669	.3436540	.7743785	27.35926

#1	1.966785	.0215913	.0189707	.0000089	6.233550	4.805255	-.003649
#2	1.953027	.0225748	.0195064	.0003371	6.192170	4.867466	-.003718
#3	1.960362	.0221850	.0206746	.0004030	6.203803	4.800521	-.005755

Sample Name: K5065-15 Acquired: 10/02/2019 16:34:56 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v978) Mode: CONC Corr. Factor: 1.000000
 User: BIN Custom ID1: MDBAL4 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.0004369	.0002817	.2171378
Stddev	.0019188	.0021828	.0012174
%RSD	439.2086	774.9559	.5606642

#1	-.001770	.0009418	.2168021
#2	.001374	-.002155	.2184878
#3	.001707	.002058	.2161234

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1380.784	2480.102	32519.92	6584.061	2623.696
Stddev	1.740	4.753	97.49	42.726	2.180
%RSD	.1259882	.1916388	.2997776	.6489324	.0830814

#1	1379.805	2484.357	32476.92	6606.850	2622.934
#2	1379.754	2480.977	32631.51	6534.772	2626.154
#3	1382.792	2474.973	32451.32	6610.561	2621.998

Sample Name: K5065-06 Acquired: 10/02/2019 15:50:05 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v978) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: MDBAL5D Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0014347	-.001788	.0051264	-.000318	-.001534	.0383935	.0868922
Stddev	.0015721	.002296	.0006857	.004164	.001862	.0139518	.0002768
%RSD	109.5804	128.3765	13.37635	1308.367	121.3911	36.33883	.3185902

#1	.0003532	-.003124	.0046783	-.004165	-.003665	.0258089	.0871518
#2	.0007127	-.003103	.0059158	-.000894	-.000715	.0533963	.0869237
#3	.0032381	.000863	.0047850	.004104	-.000221	.0359753	.0866009

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0000597	-.000021	107.2813	.0006859	-.001132	.0026785	.0473137
Stddev	.0000382	.000027	.3146	.0005964	.000166	.0022452	.0055173
%RSD	63.99055	128.1497	.2932175	86.95318	14.64311	83.82440	11.66114

#1	.0000310	-.000030	107.6271	.0001587	-.001295	.0050350	.0446825
#2	.0000451	.000009	107.0120	.0013332	-.001138	.0024362	.0436045
#3	.0001030	-.000042	107.2049	.0005657	-.000964	.0005642	.0536540

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0409338	27.21789	.0003045	.0001741	30.69545	-.000253	.0079870
Stddev	.0002454	.11524	.0001046	.0000322	.05721	.001049	.0021203
%RSD	.5994970	.4234123	34.35271	18.51254	.1863762	414.8750	26.54706

#1	.0407656	27.35094	.0003101	.0001406	30.73753	-.001273	.0065615
#2	.0412154	27.15341	.0004061	.0002049	30.71851	.000823	.0069759
#3	.0408205	27.14932	.0001972	.0001768	30.63031	-.000308	.0104236

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.885276	.0132354	.1620783	.0013310	51.67241	6.162578	-.004530
Stddev	.047506	.0014362	.0014413	.0003972	.08962	.065001	.000741
%RSD	2.519823	10.85128	.8892431	29.83787	.1734481	1.054771	16.35014

#1	1.866806	.0127329	.1630873	.0014443	51.63970	6.227616	-.003903
#2	1.939243	.0121179	.1627199	.0008896	51.60374	6.162504	-.004341
#3	1.849780	.0148553	.1604276	.0016593	51.77380	6.097614	-.005347

Sample Name: K5065-06 Acquired: 10/02/2019 15:50:05 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v978) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: MDBAL5D Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	-.001068	.0134337	1.711391
Stddev	.000281	.0003891	.003755
%RSD	26.29512	2.896478	.2194238

#1	-.001390	.0137985	1.711930
#2	-.000874	.0134784	1.714848
#3	-.000939	.0130242	1.707396

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1356.260	2454.138	32214.42	6541.736	2584.675
Stddev	6.059	3.925	155.74	22.715	2.640
%RSD	.4467792	.1599367	.4834633	.3472344	.1021452

#1	1363.220	2454.870	32281.42	6521.009	2582.165
#2	1352.160	2457.645	32325.45	6538.179	2587.429
#3	1353.401	2449.898	32036.38	6566.020	2584.431

Sample Name: K5066-01 Acquired: 10/02/2019 16:43:01 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v978) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: MDBAF7 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.6311039	.0103670	.5372772	.0397054	.0062638	82.50622
Stddev	.0033805	.0045633	.0023711	.0017798	.0007553	.11152
%RSD	.5356459	44.01750	.4413185	4.482475	12.05748	.1351649

#1	.6300291	.0064318	.5347447	.0379907	.0071005	82.44519
#2	.6283915	.0153693	.5376424	.0415438	.0056326	82.63493
#3	.6348911	.0092999	.5394445	.0395817	.0060583	82.43852

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	6.260650	.0258317	.0094986	58.01860	.1305965	.0982151
Stddev	.017950	.0003714	.0000221	.21602	.0009158	.0001885
%RSD	.2867140	1.437863	.2329921	.3723245	.7012330	.1918896

#1	6.257598	.0262556	.0095148	58.00933	.1309821	.0983636
#2	6.279930	.0255631	.0095077	58.23911	.1295510	.0980031
#3	6.244421	.0256765	.0094734	57.80737	.1312565	.0982787

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.3279096	149.5104	1.124836	11.94023	.1986744	-.001564
Stddev	.0014840	.3506	.002246	.01952	.0008327	.000233
%RSD	.4525558	.2345278	.1996797	.1635180	.4191303	14.87343

#1	.3293660	149.2415	1.124806	11.95237	.1986405	-.001749
#2	.3279635	149.9070	1.127098	11.95060	.1995235	-.001303
#3	.3263995	149.3827	1.122606	11.91770	.1978591	-.001639

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.299410	.6171263	2.024720	18.53672	F 11.54258	.2376826
Stddev	.110179	.0011739	.015449	.09026	.05191	.0018807
%RSD	2.079087	.1902247	.7630404	.4869105	.4497679	.7912720

#1	5.179157	.6183335	2.006883	18.50973	11.56023	.2377399
#2	5.323567	.6170564	2.033904	18.63739	11.48414	.2395340
#3	5.395506	.6159888	2.033372	18.46303	11.58338	.2357739

Sample Name: K5066-01 Acquired: 10/02/2019 16:43:01 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v978) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: MDBAF7 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0675988	28.91739	4.338894	.0130676	2.527506	.2205640
Stddev	.0004713	.10092	.102806	.0005629	.005605	.0005556
%RSD	.6972519	.3490100	2.369399	4.307340	.2217781	.2519164
#1	.0676699	28.92652	4.396279	.0137135	2.528593	.2205101
#2	.0670959	28.81222	4.220205	.0128074	2.532489	.2211446
#3	.0680305	29.01344	4.400196	.0126820	2.521437	.2200373

Elem	Sr4077
Units	ppm
Avg	1.576852
Stddev	.000728
%RSD	.0461430
#1	1.576238
#2	1.576662
#3	1.577655

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1809.335	3281.095	43309.37	8937.820	2488.373
Stddev	7.066	7.474	215.77	61.908	5.835
%RSD	.3905570	.2278023	.4982011	.6926528	.2344873
#1	1816.999	3274.063	43488.33	8866.967	2482.400
#2	1803.077	3288.945	43069.77	8965.036	2494.059
#3	1807.930	3280.276	43370.01	8981.459	2488.660

Sample Name: K5066-03 Acquired: 10/02/2019 16:59:16 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v978) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: MDBAF9 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.7336059	.0088259	.2591902	.0362774	.0059246	102.1232
Stddev	.0047082	.0029039	.0003660	.0025380	.0015834	.1228
%RSD	.6417905	32.90218	.1412079	6.995970	26.72659	.1202566

#1	.7351881	.0068514	.2587818	.0333504	.0059279	102.0714
#2	.7373192	.0074661	.2593003	.0378680	.0075063	102.2635
#3	.7283104	.0121602	.2594885	.0376136	.0043395	102.0348

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	9.725546	.0291202	.0100532	64.74634	.1667546	.1280362
Stddev	.064068	.0000876	.0001469	.23074	.0008946	.0003840
%RSD	.6587607	.3006677	1.461174	.3563787	.5364524	.2998800

#1	9.716504	.0292116	.0099325	64.75136	.1669781	.1282218
#2	9.793655	.0291121	.0100103	64.97452	.1657695	.1282922
#3	9.666479	.0290370	.0102167	64.51312	.1675163	.1275947

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.3927648	142.6942	1.027511	11.92464	.2296228	-.001263
Stddev	.0013978	.4277	.003183	.04864	.0007977	.000380
%RSD	.3558962	.2997321	.3097626	.4079228	.3473871	30.08066

#1	.3916633	142.5574	1.028469	11.91680	.2295665	-.001597
#2	.3943373	143.1735	1.030104	11.97673	.2304471	-.000850
#3	.3922937	142.3516	1.023959	11.88039	.2288548	-.001342

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	3.333524	.6877528	1.443929	20.73068	F 17.85728	.2125374
Stddev	.087938	.0034501	.017369	.01922	.05988	.0009921
%RSD	2.637981	.5016416	1.202873	.0927308	.3353135	.4667723

#1	3.434718	.6875022	1.425949	20.72187	17.92637	.2122457
#2	3.290190	.6913213	1.460614	20.71745	17.82051	.2136427
#3	3.275663	.6844349	1.445224	20.75274	17.82495	.2117239

Sample Name: K5066-03 Acquired: 10/02/2019 16:59:16 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v978) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: MDBAF9 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0540865	17.07506	5.097855	.0155001	2.951300	.2216053
Stddev	.0004155	.05569	.049563	.0006884	.011083	.0016071
%RSD	.7682220	.3261739	.9722277	4.440983	.3755256	.7252106

#1	.0536324	17.13601	5.154479	.0160548	2.950507	.2207861
#2	.0544478	17.02683	5.076734	.0157158	2.962758	.2234570
#3	.0541793	17.06233	5.062351	.0147297	2.940635	.2205729

Elem	Sr4077
Units	ppm
Avg	2.083866
Stddev	.013584
%RSD	.6518462

#1	2.094196
#2	2.068480
#3	2.088924

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1900.936	3424.048	45328.43	9329.063	2486.710
Stddev	11.632	1.678	13.92	60.678	9.496
%RSD	.6119087	.0489958	.0307162	.6504216	.3818811

#1	1906.990	3422.249	45332.15	9300.105	2477.312
#2	1887.526	3424.326	45340.11	9288.289	2486.515
#3	1908.293	3425.570	45313.02	9398.795	2496.302

Sample Name: K5065-03 Acquired: 10/02/2019 15:37:52 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v978) Mode: CONC Corr. Factor: 1.000000
 User: BIN Custom ID1: MDBAD7 Custom ID2: Custom ID3:
 Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0007987	-.001388	-.001079	-.001626	-.001673	.0112770	.0000462
Stddev	.0009188	.002272	.001541	.001328	.002069	.0045017	.0002165
%RSD	115.0416	163.6941	142.7880	81.66859	123.6653	39.91886	468.9986

#1	.0006636	.001129	-.000214	-.000368	-.003286	.0060846	.0002732
#2	-.000045	-.002004	-.002858	-.001495	.000660	.0136634	-.000158
#3	.001778	-.003288	-.000165	-.003014	-.002392	.0140831	.000023

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000055	-.000026	.0026567	-.000375	.0001169	.0002822	.0521419
Stddev	.000094	.000047	.0023552	.000258	.0001417	.0007522	.0067678
%RSD	171.9117	185.2457	88.65017	68.99921	121.1895	266.5225	12.97948

#1	-.000004	-.000018	-.000049	-.000638	.0001106	.0011391	.0591910
#2	.000003	-.000076	.003774	-.000122	-.000022	-.000269	.0456958
#3	-.000163	.000017	.004245	-.000363	.000262	-.000024	.0515390

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0000298	-.002411	-.000190	-.000168	.1611698	-.000695	.0000609
Stddev	.0003777	.009071	.000241	.000197	.2840485	.001524	.0011384
%RSD	1266.585	376.2814	127.0179	117.4830	176.2417	219.1864	1870.830

#1	.0001480	.007875	.000026	-.000259	.4808519	-.002212	.0001924
#2	-.000393	-.005837	-.000145	-.000302	.0648589	.000836	-.001138
#3	.000334	-.009270	-.000450	.000058	-.062201	-.000709	.001128

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.644287	.0017005	-.000256	.0001944	-.001910	-.002497	-.001206
Stddev	.020311	.0026037	.000368	.0004575	.001247	.000153	.000319
%RSD	3.152541	153.1165	143.6869	235.3733	65.27454	6.142304	26.48286

#1	-.665100	-.000608	-.000089	.0003049	-.000862	-.002601	-.001420
#2	-.624517	.001187	-.000678	.0005864	-.001580	-.002569	-.000839
#3	-.643245	.004523	-.000001	-.000308	-.003289	-.002321	-.001358

Sample Name: K5065-03 Acquired: 10/02/2019 15:37:52 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v978) Mode: CONC Corr. Factor: 1.000000
 User: BIN Custom ID1: MDBAD7 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.0000659	-.003216	.0001180
Stddev	.0008129	.000896	.0000097
%RSD	1232.804	27.87794	8.236929

#1	.0006139	-.002340	.0001079
#2	-.000868	-.003176	.0001273
#3	.000452	-.004131	.0001190

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1407.921	2529.437	32895.35	6593.006	2677.094
Stddev	6.237	2.264	227.96	49.923	3.653
%RSD	.4429717	.0895148	.6929842	.7572047	.1364699

#1	1406.226	2529.745	32916.97	6645.582	2680.365
#2	1414.830	2527.034	33111.73	6546.247	2673.152
#3	1402.707	2531.530	32657.36	6587.188	2677.766

Sample Name: K5065-20 Acquired: 10/02/2019 16:55:10 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v978) Mode: CONC Corr. Factor: 1.000000
 User: BIN Custom ID1: MDBAD3 Custom ID2: Custom ID3:
 Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0394243	.0175016	.0104057	.0880202	.1350289	.6299448	.4684207
Stddev	.0021381	.0009026	.0013346	.0008172	.0008424	.0093135	.0025506
%RSD	5.423309	5.157266	12.82571	.9284100	.6238425	1.478460	.5445101

#1	.0371364	.0164747	.0093178	.0883811	.1342131	.6221522	.4708805
#2	.0413718	.0178605	.0118949	.0885947	.1349779	.6274226	.4657881
#3	.0397647	.0181695	.0100043	.0870846	.1358955	.6402597	.4685935

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0244294	.0235074	-.003779	.0255089	.1950305	-.018144	.3376354
Stddev	.0002136	.0000859	.004746	.0004460	.0009111	.000634	.0044599
%RSD	.8743555	.3653803	125.5921	1.748398	.4671663	3.493395	1.320932

#1	.0243282	.0234130	-.002773	.0255030	.1944843	-.017923	.3427851
#2	.0242853	.0235809	-.008947	.0250658	.1960823	-.018859	.3351002
#3	.0246748	.0235285	.000384	.0259578	.1945249	-.017651	.3350210

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0983775	8.090830	-.000212	.0147645	.0966820	-.000257	.1020809
Stddev	.0005719	.033506	.000386	.0001391	.2291881	.001505	.0017128
%RSD	.5812851	.4141267	181.4952	.9422205	237.0536	586.6358	1.677906

#1	.0985615	8.129434	-.000317	.0147694	-.109830	.000261	.1038548
#2	.0977363	8.073756	.000215	.0146230	.343262	-.001952	.1019515
#3	.0988348	8.069300	-.000535	.0149011	.056614	.000921	.1004365

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	6.497589	.0000405	.0033150	.0000860	.0356642	.0099464	-.000725
Stddev	.012484	.0025847	.0010712	.0001271	.0018204	.0016540	.001195
%RSD	.1921278	6379.134	32.31489	147.7445	5.104429	16.62912	164.8317

#1	6.499536	-.002810	.0023976	-.000057	.0366619	.0083217	.000028
#2	6.484246	.000700	.0030551	.000128	.0367676	.0098892	-.002102
#3	6.508985	.002232	.0044923	.000187	.0335630	.0116283	-.000100

Sample Name: K5065-20 Acquired: 10/02/2019 16:55:10 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v978) Mode: CONC Corr. Factor: 1.000000
 User: BIN Custom ID1: MDBAD3 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.0001131	.0016312	.0001138
Stddev	.0009038	.0020012	.0000270
%RSD	799.3972	122.6868	23.69830

#1	-.000513	-.000490	.0001113
#2	.001149	.003485	.0001419
#3	-.000297	.001899	.0000882

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1356.006	2455.075	32262.06	6551.890	2598.008
Stddev	7.400	4.068	138.61	8.973	3.680
%RSD	.5456854	.1657094	.4296394	.1369567	.1416578

#1	1347.976	2459.164	32132.10	6562.107	2600.629
#2	1362.549	2451.028	32246.14	6545.288	2593.801
#3	1357.492	2455.033	32407.94	6548.275	2599.595

Sample Name: K5065-12 Acquired: 10/02/2019 16:14:25 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v978) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: MDBAM0 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0059361	-.002430	.0264843	.0005381	.0054859	.3603969	.2285037
Stddev	.0032622	.001843	.0007720	.0045800	.0006253	.0024368	.0000759
%RSD	54.95489	75.84521	2.914824	851.1827	11.39786	.6761506	.0332252

#1	.0054511	-.001833	.0267690	-.002981	.0062017	.3630152	.2285727
#2	.0029436	-.004497	.0256104	-.001122	.0050458	.3581953	.2285159
#3	.0094136	-.000959	.0270734	.005717	.0052103	.3599803	.2284224

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0000509	.0003183	95.70713	.0030183	-.000530	.0079281	1.737920
Stddev	.0000655	.0000361	.11264	.0000575	.000386	.0011599	.013590
%RSD	128.5495	11.32666	.1176890	1.904424	72.75223	14.63012	.7819913

#1	.0000283	.0003197	95.83498	.0029522	-.000773	.0075516	1.728712
#2	.0001248	.0003536	95.66392	.0030467	-.000732	.0070032	1.731518
#3	-.000000	.0002815	95.62250	.0030562	-.000085	.0092294	1.753529

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1325373	9.207849	.0044139	-.000243	22.49230	.0017079	.1256827
Stddev	.0012764	.002507	.0002695	.000289	.31349	.0013722	.0012283
%RSD	.9630805	.0272216	6.105665	119.2197	1.393746	80.34607	.9772615

#1	.1331605	9.208931	.0046561	-.000211	22.16213	.0010412	.1268290
#2	.1333825	9.204983	.0041236	-.000547	22.78589	.0007964	.1243863
#3	.1310690	9.209633	.0044622	.000030	22.52889	.0032861	.1258327

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	21.84180	.0361266	1.406185	.0014663	69.20321	10.38826	-.003286
Stddev	.03583	.0008331	.006317	.0001009	.17780	.06539	.000804
%RSD	.1640393	2.306122	.4492632	6.877756	.2569195	.6295034	24.46060

#1	21.82136	.0370204	1.400506	.0015650	69.14076	10.31565	-.003187
#2	21.88316	.0353716	1.412990	.0014704	69.06506	10.44252	-.004136
#3	21.82086	.0359877	1.405059	.0013635	69.40381	10.40660	-.002537

Sample Name: K5065-12 Acquired: 10/02/2019 16:14:25 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v978) Mode: CONC Corr. Factor: 1.000000
 User: BIN Custom ID1: MDBAM0 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.0108039	.0259459	.3370140
Stddev	.0002466	.0015597	.0005963
%RSD	2.282340	6.011540	.1769472

#1	.0106199	.0276597	.3363706
#2	.0110841	.0255687	.3375482
#3	.0107077	.0246093	.3371231

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1371.403	2462.506	32350.76	6638.790	2611.140
Stddev	12.064	3.108	182.75	18.195	1.947
%RSD	.8796629	.1262052	.5649106	.2740661	.0745467

#1	1357.649	2464.371	32139.74	6623.618	2610.953
#2	1380.193	2464.229	32456.21	6633.791	2613.173
#3	1376.366	2458.919	32456.35	6658.962	2609.294

Sample Name: K5065-02 Acquired: 10/02/2019 16:51:04 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v978) Mode: CONC Corr. Factor: 1.000000
 User: BIN Custom ID1: MDBAD2 Custom ID2: Custom ID3:
 Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0151636	.0440829	.0833019	.0399073	.1689483	2.228943	.0000547
Stddev	.0006599	.0018889	.0001313	.0023712	.0020431	.027112	.0003986
%RSD	4.351826	4.284961	.1576240	5.941675	1.209296	1.216368	728.3401

#1	.0150544	.0422937	.0831506	.0425651	.1712486	2.217428	.0003791
#2	.0158713	.0438970	.0833863	.0391480	.1673448	2.259912	.0001752
#3	.0145651	.0460579	.0833688	.0380088	.1682513	2.209489	-.000390

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0482524	.0099614	12.11751	.1180169	.1308079	.0885454	.2462846
Stddev	.0002645	.0000652	.09119	.0003238	.0003257	.0018376	.0069920
%RSD	.5481356	.6547250	.7525633	.2744126	.2489836	2.075302	2.838970

#1	.0482531	.0099688	12.08602	.1178250	.1307428	.0891880	.2518287
#2	.0485165	.0100226	12.22027	.1183908	.1305196	.0899754	.2485954
#3	.0479876	.0098928	12.04624	.1178349	.1311612	.0864728	.2384298

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0005605	9.597800	.1764467	.0435239	-.052260	.0832944	-.000370
Stddev	.0005175	.051661	.0005777	.0004141	.310182	.0034375	.000163
%RSD	92.33403	.5382551	.3274326	.9514783	593.5360	4.126912	44.02715

#1	.0010842	9.608651	.1769879	.0439575	-.403493	.0801410	-.000351
#2	.0005480	9.643173	.1765140	.0431325	.184100	.0869588	-.000541
#3	.0000493	9.541575	.1758383	.0434815	.062612	.0827835	-.000217

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.026243	.0019016	.0050266	.0002268	.0418875	.0283225	-.002933
Stddev	.042612	.0023310	.0014662	.0001160	.0047202	.0117740	.001749
%RSD	162.3740	122.5800	29.16895	51.12905	11.26870	41.57129	59.60961

#1	-.070546	.0043988	.0062027	.0000957	.0464572	.0228417	-.002762
#2	-.022631	.0015230	.0033839	.0002690	.0421752	.0418378	-.001277
#3	.014448	-.000217	.0054933	.0003158	.0370300	.0202880	-.004761

Sample Name: K5065-02 Acquired: 10/02/2019 16:51:04 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v978) Mode: CONC Corr. Factor: 1.000000
 User: BIN Custom ID1: MDBAD2 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.0005395	.0017633	.0018165
Stddev	.0003083	.0008071	.0001016
%RSD	57.15391	45.77243	5.591998

#1	.0008138	.0022849	.0018090
#2	.0005989	.0021715	.0019217
#3	.0002058	.0008337	.0017189

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1358.224	2439.295	32073.32	6514.980	2575.507
Stddev	5.901	5.161	203.55	62.408	7.110
%RSD	.4344953	.2115741	.6346414	.9579085	.2760608

#1	1355.851	2435.233	31941.09	6514.379	2572.001
#2	1353.878	2445.102	31971.16	6452.876	2583.689
#3	1364.942	2437.550	32307.72	6577.686	2570.831

Sample Name: K5068-08DLX2 Acquired: 10/02/2019 17:44:34 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v978) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: MDBAG4 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.005532	-.003908	30.82155	.0029074	.1103752	.1176986	.6126659
Stddev	.003216	.000811	.03663	.0028431	.0021285	.0045501	.0041460
%RSD	58.13295	20.75963	.1188382	97.79132	1.928406	3.865923	.6767091

#1	-.003392	-.003690	30.78042	.0022413	.1101340	.1222226	.6088777
#2	-.003974	-.004805	30.83358	.0004564	.1083776	.1131228	.6170950
#3	-.009230	-.003227	30.85066	.0060244	.1126140	.1177504	.6120249

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000000	.0328869	52.82597	.0027561	.0071981	.4630026	-.004393
Stddev	.000114	.0000408	.36689	.0003813	.0002053	.0010935	.005555
%RSD	118262.8	.1240575	.6945204	13.83343	2.851691	.2361663	126.4462

#1	.000065	.0328979	52.47091	.0027321	.0069888	.4628476	.000112
#2	.000067	.0328417	53.20364	.0023874	.0073991	.4641653	-.010600
#3	-.000132	.0329210	52.80337	.0031488	.0072064	.4619950	-.002692

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.7743979	3.784339	.0606403	-.000110	751.9754	.0008923	11.89463
Stddev	.0068765	.053115	.0004060	.000272	2.9559	.0019611	.04015
%RSD	.8879826	1.403538	.6694582	246.5938	.3930832	219.7894	.3375158

#1	.7672716	3.731866	.0605426	-.000199	749.2731	-.001372	11.87844
#2	.7809940	3.838073	.0610862	-.000326	755.1323	.002039	11.94034
#3	.7749280	3.783078	.0602921	.000195	751.5209	.002010	11.86511

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	3.461090	.0272788	.1651600	-.000234	1.423362	3.288611	-.002033
Stddev	.012776	.0027407	.0007099	.000386	.004357	.020265	.001090
%RSD	.3691369	10.04703	.4298560	165.0260	.3061175	.6162182	53.61220

#1	3.460673	.0262223	.1643818	-.000136	1.428283	3.266502	-.001585
#2	3.474070	.0252237	.1653260	.000094	1.419996	3.306304	-.003276
#3	3.448528	.0303906	.1657723	-.000660	1.421807	3.293026	-.001239

Sample Name: K5068-08DLX2 Acquired: 10/02/2019 17:44:34 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v978) Mode: CONC Corr. Factor: 1.000000
 User: BIN Custom ID1: MDBAG4 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	-.001147	.0164313	.2094472
Stddev	.000594	.0012649	.0005521
%RSD	51.80382	7.698140	.2636067

#1	-.001674	.0152457	.2094217
#2	-.000503	.0162854	.2100116
#3	-.001265	.0177628	.2089082

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1304.322	2347.881	30610.15	6494.305	2321.808
Stddev	6.921	2.288	94.71	44.288	2.352
%RSD	.5306042	.0974646	.3094103	.6819453	.1013045

#1	1306.888	2349.766	30639.64	6536.424	2324.514
#2	1296.484	2348.543	30504.20	6448.128	2320.658
#3	1309.593	2345.335	30686.61	6498.363	2320.252

Sample Name: K5066-08DL3X10 Acquired: 10/02/2019 17:52:42 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v978) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: MDBAG4 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	k -.011865	k -.048301	k 9.843899	k -.099026	k .1767647	k 6.839379
Stddev	.004262	.000644	.017029	.001228	.0034106	.029998
%RSD	35.91732	1.332487	.1729871	1.239845	1.929446	.4386029

#1	k -.016444	k -.047561	k 9.825910	k -.100168	k .1743370	k 6.816076
#2	k -.011135	k -.048609	k 9.846019	k -.097727	k .1752931	k 6.828835
#3	k -.008015	k -.048733	k 9.859769	k -.099184	k .1806641	k 6.873225

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1234576	.0073495	k .0399524	^ *****	k .5915679	.0535127
Stddev	.0007784	.0001970	.0001038	-----	.0007141	.0001134
%RSD	.6304771	2.680020	.2596936	-----	.1207216	.2118362

#1	.1225758	.0075754	k .0399884	^ -----	k .5907997	.0534047
#2	.1240490	.0072600	k .0398354	^ -----	k .5916924	.0536307
#3	.1237481	.0072132	k .0400333	^ -----	k .5922116	.0535027

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	k .7603196	k 540.8409	2.961872	3.441659	.3762075	k .0134703
Stddev	.0059604	2.5013	.012905	.035420	.0000803	.0006507
%RSD	.7839365	.4624911	.4356994	1.029154	.0213394	4.830286

#1	k .7534455	k 538.0277	2.947550	3.400808	.3762173	k .0137586
#2	k .7640523	k 541.6810	2.965472	3.460360	.3762825	k .0139269
#3	k .7634609	k 542.8141	2.972595	3.463809	.3761228	k .0127253

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	k 1.649361	k .0347634	k 8.723469	.5219952	k 1.041937	kF -1.27304
Stddev	.111566	.0009916	.015663	.0320368	.003915	.00367
%RSD	6.764205	2.852325	.1795500	6.137369	.3757646	.2880376

#1	k 1.616433	k .0336906	k 8.705733	.4850055	k 1.037459	k -1.26943
#2	k 1.557965	k .0356463	k 8.735404	.5409079	k 1.044716	k -1.27676
#3	k 1.773686	k .0349532	k 8.729269	.5400723	k 1.043635	k -1.27292

Sample Name: K5066-08DL3X10 Acquired: 10/02/2019 17:52:42 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v978) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: MDBAG4 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0715174	1.986203	.4060661	.0363177	.1603485	.0057800
Stddev	.0008296	.014028	.0070708	.0004955	.0025176	.0002290
%RSD	1.159958	.7062575	1.741287	1.364245	1.570106	3.961842

#1	.0723973	1.975258	.4039366	.0360074	.1579958	.0056915
#2	.0707496	1.981336	.4003048	.0360565	.1600460	.0056085
#3	.0714053	2.002016	.4139569	.0368891	.1630038	.0060401

Elem	Sr4077
Units	ppm
Avg	.0394211
Stddev	.0002682
%RSD	.6803164

#1	.0391132
#2	.0395465
#3	.0396036

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1347.741	2431.660	32125.90	6484.029	2550.337
Stddev	7.400	4.216	111.98	27.034	2.982
%RSD	.5490625	.1733645	.3485595	.4169314	.1169167

#1	1353.949	2427.499	31999.27	6514.960	2546.952
#2	1339.553	2435.928	32166.56	6472.209	2552.575
#3	1349.723	2431.553	32211.87	6464.918	2551.484

Sample Name: K5059-14DL2X2 Acquired: 10/02/2019 15:33:50 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v978) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: MDBAF2 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	k -.008863	k -.044516	k .0584932	k -.076146	k .0016712	k 61.12362	.3754418
Stddev	.002957	.000416	.0007378	.001700	.0007257	.07718	.0010688
%RSD	33.36216	.9351207	1.261348	2.232089	43.42362	.1262646	.2846896

#1	k -.010595	k -.044238	k .0589572	k -.075344	k .0014865	k 61.04001	.3743863
#2	k -.010546	k -.044994	k .0576425	k -.078099	k .0024715	k 61.19213	.3765235
#3	k -.005449	k -.044315	k .0588800	k -.074996	k .0010558	k 61.13873	.3754154

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0185851	k .0166031	^ *****	k .0856885	.1209127	k .0349060	k 395.1882
Stddev	.0001926	.0002726	-----	.0004219	.0004000	.0014596	1.1892
%RSD	1.036302	1.641935	-----	.4924020	.3308558	4.181406	.3009168

#1	.0185908	k .0166710	^ -----	k .0853052	.1205658	k .0365301	k 395.0485
#2	.0187748	k .0163030	^ -----	k .0861406	.1208219	k .0344839	k 396.4411
#3	.0183897	k .0168353	^ -----	k .0856197	.1213503	k .0337040	k 394.0751

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.5716155	5.308353	.1229440	k -.024402	k 3.481690	k .0990587	k .3220263
Stddev	.0003736	.018751	.0014110	.000231	.066713	.0014470	.0078326
%RSD	.0653659	.3532341	1.147679	.9449883	1.916112	1.460698	2.432295

#1	.5712241	5.317420	.1241455	k -.024615	k 3.557687	k .0973987	k .3195575
#2	.5719684	5.320846	.1213903	k -.024157	k 3.454603	k .1000525	k .3157255
#3	.5716540	5.286792	.1232963	k -.024434	k 3.432781	k .0997251	k .3307958

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	3.000888	5.372332	k -.918127	-.000443	1.395296	2.745327	.0061971
Stddev	.070976	.009041	.004813	.000531	.002792	.013379	.0009623
%RSD	2.365173	.1682834	.5241691	120.1013	.2001198	.4873477	15.52821

#1	2.966077	5.382729	k -.918898	-.000984	1.394868	2.749824	.0053857
#2	2.954039	5.366322	k -.922507	.000078	1.398278	2.755877	.0072602
#3	3.082549	5.367944	k -.912975	-.000421	1.392742	2.730278	.0059454

Sample Name: K5059-14DL2X2 Acquired: 10/02/2019 15:33:50 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v978) Mode: CONC Corr. Factor: 1.000000
 User: BIN Custom ID1: MDBAF2 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.0853081	.0380522	.0318514
Stddev	.0009243	.0013327	.0000374
%RSD	1.083426	3.502397	.1173475

#1	.0842596	.0381955	.0318147
#2	.0856598	.0393075	.0318894
#3	.0860049	.0366536	.0318500

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1526.854	2768.892	36540.73	7424.918	2509.774
Stddev	12.033	2.704	88.40	29.280	3.540
%RSD	.7880640	.0976497	.2419307	.3943517	.1410317

#1	1524.587	2767.390	36466.22	7407.647	2508.159
#2	1539.859	2767.272	36638.41	7408.381	2513.833
#3	1516.116	2772.013	36517.55	7458.725	2507.330

Sample Name: K5069-04 Acquired: 10/02/2019 14:50:29 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v978) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: MDBAK8 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.001870	-.005257	.2548383	.0063768	.0264020	.6912409
Stddev	.004521	.002724	.0026036	.0022855	.0017784	.0085577
%RSD	241.7421	51.82072	1.021684	35.84140	6.735969	1.238027

#1	.002694	-.007314	.2525940	.0056135	.0275960	.6964570
#2	-.006347	-.002167	.2576929	.0045705	.0272520	.6813645
#3	-.001957	-.006290	.2542281	.0089462	.0243581	.6959013

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.6217688	.0001531	.0214944	88.50104	.0018235	-.000065
Stddev	.0005395	.0000513	.0000633	.23118	.0003324	.000240
%RSD	.0867742	33.49532	.2943359	.2612118	18.22655	367.3764

#1	.6214331	.0000943	.0214235	88.64935	.0020677	-.000109
#2	.6214822	.0001888	.0215146	88.61910	.0019578	.000194
#3	.6223912	.0001761	.0215451	88.23467	.0014450	-.000280

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0732897	.3047203	.2435651	9.437247	.0120050	-.000115
Stddev	.0013621	.0060542	.0015313	.057892	.0005602	.000463
%RSD	1.858519	1.986810	.6287124	.6134431	4.666202	403.3373

#1	.0723486	.3117111	.2427535	9.502911	.0126288	-.000023
#2	.0748516	.3012129	.2453314	9.415259	.0118413	-.000617
#3	.0726688	.3012370	.2426104	9.393569	.0115449	.000295

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F 1489.353	.0010668	1.105560	6.175514	.2590904	.1586897
Stddev	2.358	.0025195	.001138	.057940	.0023257	.0022936
%RSD	.1582944	236.1757	.1029444	.9382203	.8976422	1.445356

#1	1492.074	.0039530	1.106388	6.116964	.2598455	.1598953
#2	1487.926	-.000693	1.104262	6.232824	.2564810	.1601292
#3	1488.057	-.000059	1.106031	6.176753	.2609447	.1560447

Sample Name: K5069-04 Acquired: 10/02/2019 14:50:29 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v978) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: MDBAK8 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0000269	1.243780	3.050101	-.000905	.0109864	-.000401
Stddev	.0008154	.003857	.017511	.001394	.0010479	.001419
%RSD	3028.224	.3100984	.5741087	154.0261	9.538224	353.7065

#1	.0009460	1.239506	3.031134	-.001290	.0097919	.000745
#2	-.000610	1.247000	3.065653	.000641	.0114164	-.001988
#3	-.000256	1.244835	3.053516	-.002067	.0117509	.000040

Elem	Sr4077
Units	ppm
Avg	.3355121
Stddev	.0006091
%RSD	.1815376

#1	.3349506
#2	.3354262
#3	.3361596

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1279.284	2307.165	29866.98	6482.154	2228.464
Stddev	5.962	6.632	92.17	16.107	4.418
%RSD	.4660277	.2874320	.3086158	.2484805	.1982687

#1	1285.326	2309.911	29938.29	6478.173	2233.369
#2	1279.120	2311.982	29899.76	6468.411	2224.795
#3	1273.406	2299.601	29762.90	6499.878	2227.228

Sample Name: K5065-13 Acquired: 10/02/2019 16:26:54 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v978) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: MDBAM1 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0167557	.0004433	.0263813	.0039062	.0001841	1.749592	.2825810
Stddev	.0002879	.0013976	.0004769	.0051985	.0013453	.008347	.0006135
%RSD	1.718236	315.2530	1.807616	133.0825	730.8549	.4770772	.2171143

#1	.0165891	-.000391	.0266654	-.000889	-.001255	1.740050	.2818732
#2	.0165898	-.000336	.0258308	.009431	.001410	1.753192	.2829606
#3	.0170881	.002057	.0266479	.003177	.000397	1.755536	.2829091

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0002820	.0004439	144.1320	.0386414	.0039386	.0127424	7.875433
Stddev	.0000377	.0000570	.3161	.0000455	.0002884	.0020770	.020994
%RSD	13.38432	12.85044	.2193453	.1177019	7.321484	16.30017	.2665702

#1	.0002936	.0004792	143.8244	.0386616	.0036430	.0107053	7.851576
#2	.0003125	.0003781	144.4561	.0386733	.0042191	.0126647	7.891085
#3	.0002398	.0004746	144.1154	.0385893	.0039536	.0148572	7.883639

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.613395	14.52291	.0091663	.0001141	23.61940	.0106387	.3832178
Stddev	.002414	.05052	.0003570	.0000492	.03036	.0008174	.0023360
%RSD	.1496024	.3478437	3.895009	43.14437	.1285386	7.683303	.6095684

#1	1.610609	14.46691	.0090332	.0000753	23.58452	.0100091	.3806333
#2	1.614729	14.56505	.0095707	.0000975	23.63383	.0115625	.3851788
#3	1.614847	14.53678	.0088949	.0001694	23.63986	.0103445	.3838412

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	23.05386	.1611591	.2497729	.0003264	26.24767	21.01815	-.004524
Stddev	.03507	.0009109	.0009738	.0004279	.07879	.04255	.000982
%RSD	.1521325	.5652429	.3898849	131.1070	.3001881	.2024430	21.71463

#1	23.01580	.1601101	.2489080	-.000149	26.28017	21.01231	-.005510
#2	23.06090	.1616169	.2508277	.000680	26.15783	20.97882	-.004514
#3	23.08488	.1617503	.2495831	.000448	26.30501	21.06332	-.003546

Sample Name: K5065-13 Acquired: 10/02/2019 16:26:54 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v978) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: MDBAM1 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.0494483	.0330613	.5135389
Stddev	.0005885	.0019988	.0013022
%RSD	1.190238	6.045586	.2535712

#1	.0493787	.0323374	.5123707
#2	.0488977	.0315253	.5133030
#3	.0500686	.0353211	.5149429

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1384.547	2486.168	32872.16	6715.198	2597.629
Stddev	7.368	.534	144.99	21.915	4.655
%RSD	.5321550	.0214610	.4410851	.3263538	.1792098

#1	1393.014	2486.147	33038.11	6735.678	2602.529
#2	1379.591	2486.711	32769.95	6717.831	2597.094
#3	1381.036	2485.645	32808.43	6692.086	2593.265

Sample Name: K5066-06 Acquired: 10/02/2019 17:16:00 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v978) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: MDBAG0 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.2031564	.0045378	.1136729	-.001970	-.000394	70.11135	1.250436
Stddev	.0016675	.0032161	.0020394	.003708	.001898	.07533	.003252
%RSD	.8207790	70.87347	1.794099	188.2050	482.1745	.1074431	.2600451

#1	.2049681	.0054355	.1133795	-.000221	-.002545	70.10989	1.251533
#2	.2016861	.0009682	.1117960	.000540	.000323	70.18740	1.252996
#3	.2028149	.0072096	.1158431	-.006230	.001042	70.03677	1.246777

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0112865	.0053268	69.47235	.1377447	.0724030	.1709765	220.4268
Stddev	.0000710	.0000977	.18127	.0004507	.0001728	.0027481	.3940
%RSD	.6289221	1.833078	.2609279	.3271771	.2386118	1.607271	.1787220

#1	.0113059	.0052968	69.49758	.1375757	.0722357	.1697168	220.5886
#2	.0113457	.0052478	69.63969	.1382554	.0723925	.1741286	220.7141
#3	.0112078	.0054360	69.27979	.1374029	.0725808	.1690841	219.9777

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.217362	18.24693	.1111392	-.003675	.8205901	.3314992	.4785250
Stddev	.003198	.03442	.0002001	.000183	.1021282	.0010473	.0045288
%RSD	.2627065	.1886450	.1800286	4.971248	12.44571	.3159234	.9464084

#1	1.219777	18.27872	.1111319	-.003464	.8920564	.3324416	.4794251
#2	1.218573	18.25169	.1109429	-.003774	.7036190	.3316843	.4736137
#3	1.213735	18.21037	.1113428	-.003786	.8660949	.3303717	.4825362

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.210259	5.090614	.0254557	.0312746	8.802823	1.749011	.0096828
Stddev	.018201	.005389	.0018128	.0003505	.025781	.013068	.0015030
%RSD	.4323060	.1058670	7.121446	1.120658	.2928671	.7471585	15.52246

#1	4.211533	5.084402	.0248158	.0310602	8.798388	1.762028	.0080187
#2	4.191453	5.093398	.0240497	.0316790	8.779548	1.749113	.0109416
#3	4.227789	5.094042	.0275017	.0310845	8.830533	1.735893	.0100881

Sample Name: K5066-06 Acquired: 10/02/2019 17:16:00 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v978) Mode: CONC Corr. Factor: 1.000000
 User: BIN Custom ID1: MDBAG0 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.4033832	.0777023	.5767407
Stddev	.0057800	.0011564	.0013137
%RSD	1.432878	1.488294	.2277728

#1	.4100542	.0774280	.5764251
#2	.4002266	.0789712	.5781835
#3	.3998689	.0767076	.5756137

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1571.844	2830.146	37368.18	7672.598	2540.054
Stddev	7.268	3.240	127.22	30.552	4.118
%RSD	.4623693	.1144686	.3404420	.3981964	.1621139

#1	1567.045	2833.886	37507.14	7648.198	2543.497
#2	1580.206	2828.346	37339.99	7662.732	2541.173
#3	1568.282	2828.207	37257.43	7706.864	2535.493

Sample Name: CCV083 Acquired: 10/02/2019 17:56:42 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v978) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: CCV083 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.911694	4.910615	24.85729	4.875273	4.899039	404.1960	10.37046
Stddev	.013974	.009612	.01784	.014212	.002964	4.2175	.10764
%RSD	.2845080	.1957392	.0717588	.2915178	.0605029	1.043422	1.037948

#1	4.896929	4.906523	24.84859	4.890527	4.898766	401.9234	10.35180
#2	4.913441	4.921595	24.84548	4.872887	4.896221	401.6023	10.27337
#3	4.924713	4.903725	24.87781	4.862404	4.902130	409.0624	10.48621

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.5093031	2.481169	408.4962	15.03266	2.519382	14.97512	398.5512
Stddev	.0025769	.000479	1.5332	.01532	.001591	.02332	1.6176
%RSD	.5059649	.0192931	.3753233	.1019409	.0631386	.1557423	.4058588

#1	.5082997	2.480814	408.6702	15.03042	2.517546	14.95498	398.5217
#2	.5073788	2.480979	406.8834	15.04898	2.520251	14.96970	396.9485
#3	.5122307	2.481713	409.9350	15.01858	2.520350	15.00067	400.1832

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	14.63916	393.9598	2.509984	1.286310	407.1273	2.472189	13.73441
Stddev	.05862	1.3625	.002769	.003612	1.0983	.005021	.02246
%RSD	.4003996	.3458498	.1103078	.2807948	.2697676	.2031194	.1635272

#1	14.64510	393.8821	2.507122	1.288950	406.7797	2.476815	13.74702
#2	14.57781	392.6378	2.510183	1.287786	406.2448	2.466849	13.70848
#3	14.69459	395.3595	2.512648	1.282194	408.3573	2.472904	13.74774

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	154.4053	5.264326	5.052545	4.853260	5.200713	4.990980	5.008101
Stddev	.4904	.002800	.029856	.005352	.018878	.027666	.015066
%RSD	.3175987	.0531861	.5909134	.1102800	.3629898	.5543108	.3008263

#1	154.1470	5.261094	5.054500	4.848372	5.207469	4.990922	5.005187
#2	154.0979	5.265861	5.021760	4.858979	5.215283	4.963343	5.024410
#3	154.9708	5.266023	5.081376	4.852429	5.179386	5.018674	4.994705

Sample Name: CCV083 Acquired: 10/02/2019 17:56:42 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v978) Mode: CONC Corr. Factor: 1.000000
 User: BIN Custom ID1: CCV083 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	5.009031	5.195462	5.035843
Stddev	.005897	.026934	.049328
%RSD	.1177231	.5184093	.9795408

#1	5.008219	5.201365	5.003941
#2	5.003582	5.166067	5.010928
#3	5.015292	5.218955	5.092659

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1122.083	2076.362	28712.22	6105.940	2053.992
Stddev	2.357	3.206	102.00	26.357	3.077
%RSD	.2100699	.1543856	.3552481	.4316643	.1498058

#1	1120.471	2073.041	28669.94	6110.752	2051.009
#2	1124.788	2076.608	28638.17	6129.559	2053.811
#3	1120.990	2079.438	28828.57	6077.508	2057.155

Sample Name: K5066-08DLX20 Acquired: 10/02/2019 18:29:26 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v978) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: MDBAG4 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.019201	.0082979	4.687233	-.011478	.0793508	3.249190	.0587460
Stddev	.002217	.0012948	.008873	.000866	.0025480	.017421	.0004633
%RSD	11.54470	15.60430	.1892950	7.546017	3.211089	.5361531	.7886290

#1	-.018054	.0097891	4.682307	-.012472	.0765103	3.231237	.0583826
#2	-.017792	.0076471	4.681916	-.010881	.0801070	3.250309	.0585878
#3	-.021756	.0074576	4.697475	-.011082	.0814351	3.266024	.0592677

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0035512	.0123897	2.333658	.2557501	.0249914	.3846572	255.6667
Stddev	.0002134	.0001191	.060511	.0004985	.0003796	.0013799	.7842
%RSD	6.010031	.9609452	2.592983	.1949212	1.518818	.3587355	.3067453

#1	.0033980	.0122524	2.291648	.2557628	.0252492	.3843339	254.7934
#2	.0037950	.0124536	2.306309	.2562421	.0245555	.3861700	255.8956
#3	.0034606	.0124633	2.403016	.2552453	.0251694	.3834676	256.3110

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.423203	1.643087	.1791479	.0181365	-.284036	.0170809	4.096910
Stddev	.007128	.021478	.0003765	.0002297	.304877	.0005211	.027291
%RSD	.5008587	1.307160	.2101593	1.266529	107.3375	3.051095	.6661292

#1	1.414996	1.619221	.1787913	.0183271	-.091669	.0175982	4.065716
#2	1.426773	1.660862	.1795415	.0178815	-.635554	.0165560	4.108633
#3	1.427842	1.649177	.1791109	.0182010	-.124884	.0170885	4.116379

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.5187853	.4898359	-.001272	.0339096	.9401508	.1893285	.0178625
Stddev	.0285482	.0032341	.004959	.0003140	.0051610	.0030354	.0010043
%RSD	5.502892	.6602367	390.0285	.9261130	.5489501	1.603234	5.622561

#1	.4890165	.4869940	.000569	.0336841	.9421435	.1870380	.0186388
#2	.5459321	.4933549	-.006888	.0337764	.9440183	.1927713	.0167282
#3	.5214072	.4891587	.002505	.0342683	.9342905	.1881762	.0182205

Sample Name: K5066-08DLX20 Acquired: 10/02/2019 18:29:26 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v978) Mode: CONC Corr. Factor: 1.000000
 User: BIN Custom ID1: MDBAG4 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.0768054	.0132705	.0186410
Stddev	.0002425	.0016101	.0000452
%RSD	.3157915	12.13313	.2425459

#1	.0768814	.0118349	.0186148
#2	.0765339	.0129650	.0186150
#3	.0770008	.0150114	.0186932

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1351.711	2466.315	32121.10	6419.074	2593.678
Stddev	8.579	7.949	114.95	30.320	5.570
%RSD	.6346792	.3222947	.3578796	.4723398	.2147540

#1	1361.265	2468.365	32249.95	6454.082	2590.211
#2	1344.666	2457.543	32029.03	6401.205	2590.719
#3	1349.202	2473.039	32084.33	6401.935	2600.103

Sample Name: K5059-06DLX2 Acquired: 10/02/2019 18:05:05 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v978) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: MDBAE3 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0518265	-.000505	.1147437	-.008738	.0029284	21.01976
Stddev	.0021576	.002984	.0024106	.002249	.0030597	.02427
%RSD	4.163072	591.4295	2.100888	25.73699	104.4809	.1154425

#1	.0511638	.001957	.1119804	-.010695	.0063378	21.02578
#2	.0500779	.000352	.1164153	-.009237	.0004216	21.04045
#3	.0542376	-.003823	.1158354	-.006281	.0020259	20.99305

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.2583239	.0048380	.0030366	F 871.8878	.1256526	.0596928
Stddev	.0010803	.0001051	.0000662	2.8511	.0011664	.0001754
%RSD	.4181783	2.172610	2.179690	.3270082	.9282766	.2937632

#1	.2578538	.0048823	.0030843	873.4268	.1260623	.0598903
#2	.2595595	.0047180	.0029610	873.6388	.1265589	.0595554
#3	.2575583	.0049137	.0030644	868.5979	.1243366	.0596328

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0171100	136.7555	5.749559	54.96377	.0509719	-.002206
Stddev	.0017296	.2121	.012630	.14557	.0005128	.000319
%RSD	10.10886	.1551071	.2196636	.2648415	1.006025	14.44304

#1	.0154955	136.6112	5.743955	54.79617	.0510466	-.002443
#2	.0189354	136.9990	5.764020	55.05857	.0504259	-.002332
#3	.0168991	136.6562	5.740700	55.03658	.0514433	-.001844

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1026150	.1623045	.1757451	1.275909	5.491164	.0059115
Stddev	.1428925	.0011430	.0022248	.019740	.006794	.0005202
%RSD	139.2511	.7042239	1.265917	1.547166	.1237272	8.799245

#1	.1369591	.1612828	.1747746	1.298191	5.493731	.0053774
#2	.2252056	.1635389	.1782903	1.268930	5.483461	.0059404
#3	-.054320	.1620917	.1741705	1.260606	5.496301	.0064166

Sample Name: K5059-06DLX2 Acquired: 10/02/2019 18:05:05 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v978) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: MDBAE3 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0018840	4.749149	1.796841	-.002826	.1561116	.0347726
Stddev	.0000252	.025312	.001737	.000689	.0009642	.0006396
%RSD	1.336474	.5329852	.0966636	24.36841	.6176626	1.839489
#1	.0018724	4.776589	1.797107	-.002547	.1560108	.0352490
#2	.0018667	4.744145	1.798429	-.003610	.1552018	.0340456
#3	.0019129	4.726712	1.794986	-.002320	.1571223	.0350233

Elem	Sr4077
Units	ppm
Avg	1.280432
Stddev	.002603
%RSD	.2032929
#1	1.283430
#2	1.279112
#3	1.278754

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1384.272	2480.909	33148.20	6848.344	2236.299
Stddev	3.094	1.837	64.28	18.834	3.804
%RSD	.2235459	.0740615	.1939317	.2750152	.1701225
#1	1385.187	2482.550	33074.08	6829.715	2233.586
#2	1380.824	2481.253	33181.61	6867.376	2240.648
#3	1386.807	2478.924	33188.89	6847.941	2234.663

Sample Name: K5059-18DLX2 Acquired: 10/02/2019 18:13:15 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v978) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: MDBAG7 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0602706	.0070902	.1367675	-.011443	.0026260	28.38557	.4803041
Stddev	.0013923	.0022575	.0018612	.004825	.0018412	.02873	.0015193
%RSD	2.310144	31.84010	1.360868	42.16832	70.11225	.1012013	.3163293

#1	.0591798	.0085228	.1385250	-.005873	.0044073	28.40697	.4815174
#2	.0597932	.0044878	.1348175	-.014364	.0007303	28.35292	.4807948
#3	.0618388	.0082599	.1369601	-.014091	.0027404	28.39682	.4786000

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0073761	.0041160	557.1470	.3485502	.0943336	.0207148	208.7518
Stddev	.0001023	.0000373	2.1939	.0006972	.0005043	.0017821	.4556
%RSD	1.386659	.9066512	.3937794	.2000182	.5345371	8.603160	.2182576

#1	.0073684	.0041575	558.8922	.3488679	.0940276	.0227032	209.2251
#2	.0074820	.0041051	557.8646	.3477507	.0940575	.0201796	208.7141
#3	.0072778	.0040853	554.6841	.3490318	.0949156	.0192616	208.3162

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	7.321411	109.8459	.0593801	-.003575	-.097302	.2509150	.2084459
Stddev	.019137	.1943	.0008254	.000074	.092944	.0042704	.0021356
%RSD	.2613787	.1769082	1.390077	2.070944	95.52149	1.701911	1.024548

#1	7.342915	109.9923	.0585574	-.003616	-.118384	.2558204	.2070797
#2	7.315064	109.9199	.0593746	-.003490	.004372	.2488965	.2109069
#3	7.306254	109.6254	.0602082	-.003621	-.177894	.2480281	.2073511

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.350894	4.146691	.0072387	.0015120	4.997480	1.098497	-.001629
Stddev	.048975	.016871	.0029213	.0006877	.004496	.007801	.002182
%RSD	3.625404	.4068555	40.35686	45.48544	.0899666	.7101345	133.9178

#1	1.302561	4.128396	.0077978	.0014282	4.999003	1.101698	.000546
#2	1.349635	4.150042	.0040782	.0008700	5.001017	1.104189	-.003817
#3	1.400488	4.161635	.0098400	.0022378	4.992420	1.089605	-.001617

Sample Name: K5059-18DLX2 Acquired: 10/02/2019 18:13:15 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v978) Mode: CONC Corr. Factor: 1.000000
 User: BIN Custom ID1: MDBAG7 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.3353219	.0374046	.6063233
Stddev	.0005362	.0005047	.0012836
%RSD	.1599168	1.349166	.2116932

#1	.3347424	.0378163	.6058224
#2	.3354228	.0375559	.6053657
#3	.3358005	.0368416	.6077818

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1367.147	2481.898	32866.41	6776.816	2289.925
Stddev	2.817	3.883	10.90	37.975	1.071
%RSD	.2060164	.1564429	.0331555	.5603665	.0467666

#1	1370.135	2479.735	32875.24	6763.552	2291.148
#2	1364.540	2479.579	32869.76	6747.251	2289.155
#3	1366.767	2486.381	32854.23	6819.644	2289.472

Sample Name: K5066-08 Acquired: 10/02/2019 17:24:00 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v978) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: MDBAG4 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	k -.059602	k -.525735	kF 93.37877	kF -1.02960	k 1.714931	k 66.77770
Stddev	.004118	.006476	.19083	.00863	.004847	.23631
%RSD	6.908680	1.231779	.2043644	.8381224	.2826321	.3538784

#1	k -.060898	k -.525991	k 93.16478	k -1.03895	k 1.713021	k 66.51052
#2	k -.054992	k -.532080	k 93.53129	k -1.02194	k 1.711331	k 66.95928
#3	k -.062915	k -.519136	k 93.44025	k -1.02792	k 1.720442	k 66.86331

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.213289	.0555968	k .3961656	^ *****	k 5.214514	.5331565
Stddev	.005127	.0002536	.0012537	-----	.003539	.0018278
%RSD	.4225331	.4560917	.3164467	-----	.0678749	.3428314

#1	1.207399	.0553550	k .3949502	^ -----	k 5.210576	.5346317
#2	1.216748	.0555748	k .3974543	^ -----	k 5.215535	.5337260
#3	1.215720	.0558607	k .3960922	^ -----	k 5.217431	.5311117

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	k 7.327707	kF 5590.302	26.47888	30.41031	3.572841	^ *****
Stddev	.018971	121.461	.14631	.17772	.002939	-----
%RSD	.2588912	2.172716	.5525649	.5844124	.0822617	-----

#1	k 7.308625	k 5455.695	26.34491	30.25601	3.574223	^ -----
#2	k 7.346564	k 5623.491	26.63501	30.60463	3.569465	^ -----
#3	k 7.327932	k 5691.719	26.45672	30.37028	3.574834	^ -----

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	k 14.91903	k .3280667	kF 84.25353	5.631509	kF 10.20469	^ *****
Stddev	.18793	.0031050	.69522	.029377	.00854	-----
%RSD	1.259697	.9464545	.8251513	.5216467	.0836420	-----

#1	k 14.78289	k .3265631	k 85.05585	5.615061	k 10.20166	^ -----
#2	k 14.84076	k .3316373	k 83.82910	5.665425	k 10.19809	^ -----
#3	k 15.13346	k .3259997	k 83.87564	5.614041	k 10.21433	^ -----

Sample Name: K5066-08 Acquired: 10/02/2019 17:24:00 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v978) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: MDBAG4 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.7004418	18.98478	3.494650	.3706394	1.517408	.0351325
Stddev	.0010058	.02695	.024226	.0021016	.004789	.0008775
%RSD	.1435931	.1419314	.6932285	.5670171	.3156198	2.497813

#1	.7008598	18.97826	3.474900	.3706937	1.512023	.0347168
#2	.6992944	19.01439	3.487368	.3727133	1.521190	.0345401
#3	.7011711	18.96170	3.521682	.3685112	1.519012	.0361407

Elem	Sr4077
Units	ppm
Avg	.3755141
Stddev	.0006795
%RSD	.1809453

#1	.3748216
#2	.3761798
#3	.3755409

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1165.873	2127.326	31030.70	6563.396	2099.853
Stddev	5.009	3.038	239.56	63.061	1.935
%RSD	.4295960	.1428213	.7720177	.9608020	.0921263

#1	1161.337	2125.617	31267.02	6635.860	2101.686
#2	1171.248	2130.834	30788.02	6520.964	2097.831
#3	1165.033	2125.527	31037.07	6533.364	2100.041

Sample Name: K5065-14 Acquired: 10/02/2019 16:30:55 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v978) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: MDBAM2 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0063322	.0010039	.0112804	.0535363	-.002141	-.079431
Stddev	.0029598	.0026106	.0009245	.0078941	.001652	.008230
%RSD	46.74120	260.0590	8.195967	14.74534	77.17524	10.36072

#1	.0065823	.0021702	.0118086	.0615469	-.001326	-.070397
#2	.0032554	-.001987	.0102129	.0532978	-.001054	-.081396
#3	.0091590	.002828	.0118198	.0457641	-.004042	-.086501

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0217988	.0001345	.0000122	346.6934	.1311442	-.000893
Stddev	.0003606	.0001131	.0000566	.2450	.0016595	.000192
%RSD	1.654329	84.08241	464.5944	.0706621	1.265431	21.49789

#1	.0214589	.0002350	.0000078	346.5490	.1294262	-.001063
#2	.0217604	.0001566	-.000042	346.5550	.1327384	-.000931
#3	.0221770	.0000120	.000071	346.9763	.1312681	-.000685

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0010311	-.254984	.1330899	435.2295	.1328836	.0001996
Stddev	.0013778	.002837	.0005753	.7429	.0007516	.0002541
%RSD	133.6182	1.112558	.4322781	.1706898	.5656350	127.3156

#1	-.000529	-.258215	.1324877	435.5891	.1323526	.0004872
#2	.002079	-.253835	.1336339	434.3753	.1325547	.0000054
#3	.001544	-.252902	.1331482	435.7242	.1337437	.0001062

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	90.99801	.0023756	.5881380	27.24891	.4444628	.6518491
Stddev	.35603	.0027374	.0061186	.04976	.0019361	.0031746
%RSD	.3912467	115.2295	1.040338	.1826195	.4356049	.4870104

#1	90.68160	.0041694	.5879279	27.21551	.4431248	.6489681
#2	90.92890	-.000775	.5943589	27.22511	.4435808	.6513267
#3	91.38352	.003733	.5821271	27.30610	.4466829	.6552524

Sample Name: K5065-14 Acquired: 10/02/2019 16:30:55 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v978) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: MDBAM2 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0006512	F 692.3056	11.65622	-.005311	.0011860	.0216245
Stddev	.0001158	1.3592	.07557	.000962	.0003411	.0009879
%RSD	17.78441	.1963331	.6483176	18.10721	28.75803	4.568430

#1	.0005547	691.0430	11.65310	-.004561	.0008817	.0226832
#2	.0006193	692.1293	11.58226	-.004978	.0015546	.0207273
#3	.0007797	693.7443	11.73330	-.006396	.0011216	.0214630

Elem	Sr4077
Units	ppm
Avg	.3123966
Stddev	.0004348
%RSD	.1391819

#1	.3123607
#2	.3128482
#3	.3119808

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1274.086	2284.784	30764.35	6447.775	2332.263
Stddev	5.542	4.690	117.57	28.763	3.751
%RSD	.4349971	.2052874	.3821533	.4460909	.1608291

#1	1270.267	2287.083	30848.36	6449.747	2334.561
#2	1271.548	2287.882	30630.00	6475.501	2334.293
#3	1280.443	2279.388	30814.71	6418.077	2327.934

Sample Name: K5069-04A Acquired: 10/02/2019 18:25:21 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v978) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: MDBAK8A Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.001474	-.003406	.2531791	.0760394	.0233977	.6985935
Stddev	.001447	.002425	.0010996	.0017724	.0020303	.0010761
%RSD	98.16533	71.20034	.4343111	2.330875	8.677333	.1540423

#1	-.003043	-.000650	.2526024	.0757274	.0254830	.6997576
#2	-.001190	-.004356	.2524878	.0744438	.0232831	.6983879
#3	-.000190	-.005211	.2544471	.0779471	.0214272	.6976350

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.6255113	.0001555	.0214219	89.62989	.0021542	-.000192
Stddev	.0020942	.0000999	.0001594	.30209	.0001759	.000189
%RSD	.3348044	64.21534	.7439218	.3370386	8.164409	98.40466

#1	.6241272	.0001295	.0215499	89.54021	.0022997	-.000213
#2	.6244861	.0000712	.0212434	89.38279	.0022043	.000006
#3	.6279207	.0002658	.0214724	89.96666	.0019588	-.000370

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0740842	.3178712	.2425934	9.457428	.0121964	.0001054
Stddev	.0012022	.0049752	.0007940	.048107	.0002192	.0001901
%RSD	1.622720	1.565155	.3272955	.5086728	1.797589	180.4289

#1	.0753119	.3147828	.2425175	9.457563	.0120384	-.000039
#2	.0740315	.3152204	.2418400	9.409253	.0124467	.000321
#3	.0729092	.3236105	.2434226	9.505468	.0121041	.000034

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F 1505.659	.0005908	1.056375	5.914808	.2652967	.1592169
Stddev	2.487	.0015310	.008580	.026325	.0033473	.0026353
%RSD	.1652034	259.1342	.8122018	.4450729	1.261729	1.655169

#1	1506.359	-.001166	1.052580	5.889014	.2672467	.1614532
#2	1502.896	.001302	1.066198	5.941635	.2614315	.1563115
#3	1507.720	.001637	1.050347	5.913776	.2672117	.1598860

Sample Name: K5069-04A Acquired: 10/02/2019 18:25:21 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v978) Mode: CONC Corr. Factor: 1.000000
 User: BIN Custom ID1: MDBAK8A Custom ID2: Custom ID3:
 Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000084	1.245256	3.221592	-.002798	.0123548	-.000458
Stddev	.000145	.009455	.027921	.000482	.0014550	.000999
%RSD	173.2188	.7592764	.8666702	17.21982	11.77659	218.1421

#1	-.000154	1.256102	3.219098	-.003294	.0108283	-.000523
#2	.000083	1.240917	3.195002	-.002332	.0125102	-.001423
#3	-.000180	1.238750	3.250676	-.002767	.0137258	.000572

Elem	Sr4077
Units	ppm
Avg	.3373366
Stddev	.0005126
%RSD	.1519500

#1	.3379284
#2	.3370403
#3	.3370409

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1295.962	2348.569	30154.33	6393.576	2254.983
Stddev	1.700	3.007	123.28	42.265	6.057
%RSD	.1311647	.1280514	.4088346	.6610597	.2686202

#1	1297.923	2351.714	30057.90	6376.103	2260.644
#2	1294.912	2348.271	30293.23	6441.776	2255.710
#3	1295.050	2345.722	30111.88	6362.848	2248.595

Sample Name: K5066-07 Acquired: 10/02/2019 17:19:59 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v978) Mode: CONC Corr. Factor: 1.000000
 User: BIN Custom ID1: MDBAG2 Custom ID2: Custom ID3:
 Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0195530	-.003253	.2804728	.0038581	-.001904	3.889857
Stddev	.0026172	.001313	.0018013	.0037901	.003062	.002140
%RSD	13.38495	40.37471	.6422453	98.23863	160.8139	.0550074

#1	.0196100	-.004769	.2803569	.0019090	-.001272	3.892263
#2	.0221412	-.002475	.2823292	.0014391	.000792	3.889142
#3	.0169078	-.002515	.2787322	.0082262	-.005232	3.888166

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0833962	.0054136	.0031518	35.04880	.0721196	.0038925
Stddev	.0004259	.0000813	.0000279	.12512	.0006122	.0001790
%RSD	.5106345	1.501442	.8845323	.3569946	.8488862	4.598404

#1	.0832419	.0054765	.0031517	35.13014	.0727997	.0039812
#2	.0830690	.0053218	.0031798	34.90472	.0716125	.0040098
#3	.0838776	.0054424	.0031240	35.11153	.0719465	.0036865

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0603186	8.717646	1.261287	4.119682	.0532359	.0002865
Stddev	.0004955	.027741	.001242	.005612	.0004501	.0000390
%RSD	.8214045	.3182167	.0984859	.1362229	.8454934	13.60480

#1	.0605668	8.708502	1.261642	4.117051	.0532462	.0002826
#2	.0597481	8.748804	1.259906	4.115869	.0527808	.0003273
#3	.0606409	8.695631	1.262314	4.126126	.0536808	.0002496

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.039650	.0034967	F 94.97668	-.368817	.8570456	.0057180
Stddev	.126356	.0019442	.32548	.008385	.0019349	.0008076
%RSD	12.15371	55.60051	.3426932	2.273469	.2257620	14.12369

#1	1.163516	.0012543	94.96854	-.374531	.8581273	.0057929
#2	1.044492	.0047098	95.30615	-.372729	.8548118	.0064855
#3	.910943	.0045262	94.65534	-.359191	.8581978	.0048755

Sample Name: K5066-07 Acquired: 10/02/2019 17:19:59 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v978) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: MDBAG2 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0014018	60.45430	.7142561	.0007704	.1833445	-.001859
Stddev	.0004686	.11381	.0061665	.0003448	.0009496	.001198
%RSD	33.42856	.1882623	.8633497	44.76267	.5179135	64.47955

#1	.0009889	60.57754	.7125029	.0008168	.1840734	-.000946
#2	.0013055	60.35314	.7091561	.0010897	.1836895	-.003216
#3	.0019111	60.43223	.7211094	.0004047	.1822707	-.001414

Elem	Sr4077
Units	ppm
Avg	.0302598
Stddev	.0000778
%RSD	.2571115

#1	.0301711
#2	.0302917
#3	.0303166

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1374.293	2478.230	32834.79	6622.032	2605.581
Stddev	6.249	6.408	113.22	3.403	5.355
%RSD	.4547154	.2585816	.3448176	.0513867	.2055289

#1	1370.255	2471.267	32709.45	6621.806	2599.400
#2	1371.133	2483.879	32929.66	6625.542	2608.511
#3	1381.491	2479.546	32865.26	6618.747	2608.832

Sample Name: K5059-01DLX2 Acquired: 10/02/2019 18:17:16 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v978) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: MDBAD5 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.2915946	-.000957	.2528619	.0059259	.0610993	8.003001	.7028134
Stddev	.0032214	.002678	.0025180	.0031586	.0018684	.020839	.0020734
%RSD	1.104747	279.8342	.9957918	53.30150	3.058008	.2603937	.2950194

#1	.2938541	.002024	.2543339	.0030339	.0626043	7.982686	.7021324
#2	.2930237	-.003158	.2499544	.0054473	.0590081	8.001988	.7011661
#3	.2879059	-.001737	.2542972	.0092964	.0616855	8.024327	.7051417

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0015977	.2501940	374.9118	3.605225	.3033387	18.37460	64.69078
Stddev	.0000918	.0003051	.9584	.017102	.0007720	.03456	.07709
%RSD	5.745997	.1219514	.2556342	.4743574	.2545132	.1880839	.1191696

#1	.0016546	.2502649	374.2137	3.603788	.3041722	18.35013	64.66054
#2	.0014918	.2498596	374.5173	3.588886	.3026481	18.35954	64.63340
#3	.0016467	.2504574	376.0045	3.622999	.3031959	18.41414	64.77841

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.9754694	161.0597	3.818734	.0073598	.7773768	.1143581	.5967314
Stddev	.0036260	.2020	.005695	.0003521	.1071791	.0018829	.0053702
%RSD	.3717212	.1254213	.1491428	4.784324	13.78728	1.646456	.8999299

#1	.9723615	160.8769	3.823826	.0071289	.7126220	.1123732	.6021089
#2	.9745935	161.0256	3.812584	.0077651	.9010913	.1145824	.5967165
#3	.9794531	161.2766	3.819793	.0071854	.7184171	.1161188	.5913686

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.954971	1.225672	.0198246	.0105703	.7173907	.7316805	-.003679
Stddev	.050887	.004307	.0007627	.0004945	.0033121	.0141031	.000325
%RSD	1.722081	.3514173	3.847367	4.678599	.4616802	1.927492	8.828101

#1	3.012805	1.228175	.0191619	.0106318	.7146533	.7450165	-.003603
#2	2.917060	1.228142	.0206583	.0110312	.7210723	.7169186	-.004035
#3	2.935047	1.220698	.0196536	.0100479	.7164466	.7331065	-.003399

Sample Name: K5059-01DLX2 Acquired: 10/02/2019 18:17:16 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v978) Mode: CONC Corr. Factor: 1.000000
 User: BIN Custom ID1: MDBAD5 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.2431667	.0162959	.2255687
Stddev	.0020066	.0009957	.0005137
%RSD	.8251849	6.110271	.2277195

#1	.2434844	.0158223	.2258437
#2	.2410202	.0174400	.2249761
#3	.2449954	.0156253	.2258864

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1293.047	2347.084	31591.05	6512.566	2334.404
Stddev	15.078	1.200	186.97	14.680	2.888
%RSD	1.166086	.0511425	.5918524	.2254077	.1236988

#1	1287.142	2347.707	31384.41	6525.038	2332.389
#2	1281.815	2347.846	31640.18	6496.388	2337.712
#3	1310.184	2345.701	31748.55	6516.270	2333.110

Sample Name: K5068-03A Acquired: 10/02/2019 18:37:30 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v978) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: MDBAF9A Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0335820	-.007508	.0087548	.0762700	.0082668	-.210029
Stddev	.0017172	.001997	.0008150	.0031817	.0016646	.011665
%RSD	5.113407	26.60111	9.309239	4.171583	20.13633	5.553796

#1	.0330897	-.009320	.0093027	.0754667	.0074740	-.207126
#2	.0321648	-.005367	.0091434	.0797763	.0071467	-.200090
#3	.0354916	-.007836	.0078182	.0735669	.0101796	-.222870

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	3.813028	.0003294	.0001232	624.3710	.0018680	.0257443
Stddev	.026319	.0000868	.0000695	6.6315	.0003129	.0003415
%RSD	.6902331	26.36363	56.42766	1.062116	16.74891	1.326606

#1	3.808303	.0003590	.0001916	629.7774	.0015696	.0261387
#2	3.841389	.0002317	.0000525	626.3642	.0021936	.0255452
#3	3.789392	.0003976	.0001256	616.9715	.0018407	.0255491

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0028161	.0510008	2.692075	16.39076	.0385215	.0001696
Stddev	.0011781	.0032486	.019822	.14185	.0005415	.0000519
%RSD	41.83407	6.369689	.7363026	.8654453	1.405821	30.62944

#1	.0026478	.0545498	2.695702	16.43590	.0391012	.0001352
#2	.0040692	.0481743	2.709833	16.50455	.0384348	.0001442
#3	.0017312	.0502784	2.670690	16.23183	.0380286	.0002293

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F 1539.379	.0103052	1.620127	5.845271	.0591107	.3264618
Stddev	5.819	.0006886	.011755	.075438	.0018205	.0019107
%RSD	.3779797	6.682367	.7255574	1.290584	3.079822	.5852729

#1	1539.579	.0106354	1.609617	5.771288	.0575228	.3274999
#2	1545.094	.0095136	1.632821	5.922084	.0587118	.3276288
#3	1533.463	.0107665	1.617942	5.842442	.0610976	.3242568

Sample Name: K5068-03A Acquired: 10/02/2019 18:37:30 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v978) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: MDBAF9A Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0297992	7.110038	2.737489	-.003718	-.013686	.1674753
Stddev	.0001044	.011453	.029712	.001418	.000756	.0024193
%RSD	.3501797	.1610841	1.085375	38.14726	5.521015	1.444555

#1	.0297139	7.097817	2.770310	-.002445	-.013239	.1672837
#2	.0297681	7.111772	2.729731	-.005247	-.014558	.1699847
#3	.0299155	7.120526	2.712425	-.003463	-.013260	.1651576

Elem	Sr4077
Units	ppm
Avg	1.998591
Stddev	.002237
%RSD	.1119365

#1	2.001141
#2	1.996957
#3	1.997675

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1288.189	2332.444	30500.44	6452.171	2160.364
Stddev	5.063	2.107	123.06	43.820	3.747
%RSD	.3930171	.0903235	.4034808	.6791553	.1734455

#1	1293.527	2334.440	30589.69	6415.298	2164.412
#2	1283.456	2330.242	30360.05	6440.598	2159.663
#3	1287.585	2332.651	30551.57	6500.616	2157.017

Sample Name: CCV084 Acquired: 10/02/2019 18:59:43 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v978) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: CCV084 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.889733	4.902864	24.99390	4.907714	4.853352	403.7427	10.43161
Stddev	.009304	.005313	.10370	.010762	.003132	1.2205	.05907
%RSD	.1902688	.1083617	.4148897	.2192952	.0645260	.3022977	.5662232

#1	4.879810	4.896741	24.91384	4.905221	4.850086	402.4767	10.40396
#2	4.898259	4.905597	24.95681	4.919504	4.856330	404.9119	10.49943
#3	4.891132	4.906255	25.11104	4.898417	4.853640	403.8394	10.39144

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.5200811	2.477621	417.4921	15.03045	2.533122	14.90694	402.1562
Stddev	.0026382	.005015	2.9046	.01391	.005337	.05500	3.1109
%RSD	.5072615	.2023947	.6957323	.0925643	.2106797	.3689795	.7735614

#1	.5183629	2.474192	414.1961	15.03514	2.528850	14.84405	398.6851
#2	.5231186	2.475295	419.6781	15.04141	2.531412	14.94605	404.6927
#3	.5187616	2.483377	418.6019	15.01480	2.539104	14.93072	403.0907

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	14.82478	399.0964	2.481943	1.304453	411.0642	2.484448	13.57842
Stddev	.12631	3.1336	.006113	.003259	1.5612	.016280	.13873
%RSD	.8520360	.7851807	.2462839	.2498037	.3797979	.6552881	1.021712

#1	14.68464	395.6485	2.479266	1.307893	409.4849	2.465667	13.44735
#2	14.92986	401.7709	2.477627	1.304055	412.6067	2.494551	13.56418
#3	14.85984	399.8699	2.488938	1.301412	411.1009	2.493126	13.72372

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	153.4778	5.198268	5.158088	4.845228	5.162795	5.069336	5.017025
Stddev	.6894	.017697	.020986	.003944	.022997	.023084	.004010
%RSD	.4491957	.3404446	.4068471	.0814080	.4454391	.4553639	.0799365

#1	152.6865	5.218595	5.141544	4.841135	5.185475	5.063389	5.012464
#2	153.9488	5.189926	5.181694	4.849005	5.163417	5.094812	5.018609
#3	153.7981	5.186284	5.151027	4.845544	5.139494	5.049808	5.020001

Sample Name: CCV084 Acquired: 10/02/2019 18:59:43 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v978) Mode: CONC Corr. Factor: 1.000000
 User: BIN Custom ID1: CCV084 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	5.037459	5.289856	5.143932
Stddev	.024323	.041943	.042109
%RSD	.4828352	.7928900	.8186098

#1	5.009934	5.242000	5.103133
#2	5.056055	5.320232	5.187239
#3	5.046388	5.307335	5.141424

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1119.526	2086.082	28558.96	5959.118	2062.634
Stddev	6.582	2.601	41.14	32.286	4.155
%RSD	.5879311	.1246780	.1440612	.5417845	.2014206

#1	1125.859	2088.952	28567.54	5993.776	2065.916
#2	1119.998	2083.881	28595.13	5929.895	2064.024
#3	1112.721	2085.413	28514.20	5953.684	2057.963

Sample Name: K5066-05 Acquired: 10/02/2019 17:07:47 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v978) Mode: CONC Corr. Factor: 1.000000
 User: BIN Custom ID1: MDBAF9S Custom ID2: Custom ID3:
 Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.7503099	.1080060	.2876149	.0972871	.0821576	111.8518
Stddev	.0021938	.0012047	.0031779	.0034708	.0010213	.2257
%RSD	.2923874	1.115391	1.104919	3.567571	1.243036	.2018204

#1	.7498558	.1092189	.2848661	.0962770	.0812369	111.9820
#2	.7483786	.1068097	.2868840	.0944334	.0819798	111.5912
#3	.7526952	.1079894	.2910946	.1011509	.0832560	111.9823

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	12.99597	.1026094	.1152103	78.72134	.4604155	1.210134
Stddev	.06281	.0002987	.0002657	.23913	.0012305	.001166
%RSD	.4832907	.2911419	.2306510	.3037627	.2672667	.0963155

#1	12.93392	.1024823	.1154885	78.91334	.4607908	1.208907
#2	12.99447	.1029507	.1149590	78.45349	.4614147	1.211227
#3	13.05951	.1023952	.1151834	78.79717	.4590410	1.210269

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.6800280	146.1389	1.800511	12.98537	1.328540	.0734241
Stddev	.0025950	.2918	.002970	.00500	.000719	.0002126
%RSD	.3816047	.1996786	.1649545	.0384745	.0541193	.2895526

#1	.6820651	146.3440	1.803075	12.98011	1.328848	.0732972
#2	.6771064	145.8049	1.797257	12.98595	1.327718	.0733055
#3	.6809127	146.2679	1.801203	12.99005	1.329054	.0736695

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	3.458186	1.456322	2.254961	21.75996	F 17.95317	.2092788
Stddev	.049964	.007146	.016203	.07727	.00963	.0013219
%RSD	1.444806	.4906620	.7185479	.3550819	.0536140	.6316198

#1	3.485282	1.457008	2.244857	21.84312	17.94704	.2084198
#2	3.400527	1.448858	2.246377	21.69039	17.94821	.2108009
#3	3.488749	1.463099	2.273650	21.74637	17.96426	.2086156

Sample Name: K5066-05 Acquired: 10/02/2019 17:07:47 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v978) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: MDBAF9S Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0517950	16.08239	5.137049	.0145873	2.857131	.2506006
Stddev	.0004520	.02568	.063954	.0020557	.011114	.0010413
%RSD	.8726324	.1596863	1.244959	14.09254	.3890078	.4155257
#1	.0521035	16.06256	5.126566	.0128401	2.863421	.2509498
#2	.0520053	16.11141	5.205597	.0140694	2.844298	.2514226
#3	.0512762	16.07322	5.078984	.0168525	2.863675	.2494296

Elem	Sr4077
Units	ppm
Avg	2.076099
Stddev	.002575
%RSD	.1240239
#1	2.074673
#2	2.079071
#3	2.074553

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1898.009	3416.583	45209.15	9345.994	2461.144
Stddev	3.757	4.204	144.74	4.498	3.492
%RSD	.1979480	.1230469	.3201628	.0481251	.1419019
#1	1901.805	3418.717	45367.46	9340.906	2462.641
#2	1897.930	3411.740	45176.39	9347.633	2457.153
#3	1894.292	3419.292	45083.59	9349.441	2463.639

Sample Name: K5065-07 Acquired: 10/02/2019 15:58:14 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v978) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: MDBAL5S Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0448836	.0571098	.0265512	.0614429	.1153252	2.147826	2.478871
Stddev	.0025357	.0017170	.0012015	.0035902	.0007798	.020581	.007527
%RSD	5.649412	3.006549	4.525297	5.843118	.6761905	.9582096	.3036276

#1	.0420026	.0588374	.0269627	.0637232	.1149250	2.146684	2.471147
#2	.0467764	.0570884	.0274929	.0573045	.1148267	2.127841	2.479282
#3	.0458717	.0554035	.0251980	.0633009	.1162239	2.168954	2.486184

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0590819	.0567556	107.4560	.2326718	.5536399	.2419041	1.237122
Stddev	.0003658	.0001804	.4700	.0009165	.0012455	.0021521	.009757
%RSD	.6191343	.3177926	.4374166	.3939022	.2249583	.8896688	.7886987

#1	.0587166	.0569319	106.9422	.2316563	.5537160	.2395118	1.226295
#2	.0590811	.0567634	107.5615	.2329216	.5548456	.2425178	1.239836
#3	.0594482	.0565714	107.8643	.2334375	.5523582	.2436827	1.245234

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.6151813	27.33967	.5726659	.0569753	30.90776	.5889695	.5035447
Stddev	.0020148	.04664	.0010296	.0002795	.23799	.0059517	.0032251
%RSD	.3275130	.1705898	.1797888	.4905603	.7700060	1.010524	.6404690

#1	.6128686	27.29144	.5725472	.0566864	31.02049	.5821850	.4998213
#2	.6161192	27.34303	.5737497	.0569952	30.63435	.5914127	.5054597
#3	.6165562	27.38453	.5717008	.0572443	31.06843	.5933108	.5053532

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.856994	.0123489	.1636272	.0018109	51.65756	6.202480	-.003801
Stddev	.063938	.0032908	.0018643	.0000599	.16868	.037643	.000766
%RSD	3.443067	26.64830	1.139363	3.308120	.3265342	.6068999	20.16127

#1	1.785598	.0131319	.1614746	.0017522	51.50968	6.179893	-.004614
#2	1.876414	.0087373	.1646846	.0018720	51.84128	6.181612	-.003092
#3	1.908970	.0151776	.1647224	.0018084	51.62173	6.245935	-.003697

Sample Name: K5065-07 Acquired: 10/02/2019 15:58:14 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v978) Mode: CONC Corr. Factor: 1.000000
 User: BIN Custom ID1: MDBAL5S Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	-.001051	.0137229	1.717065
Stddev	.000475	.0010738	.004991
%RSD	45.17579	7.824723	.2906726

#1	-.001494	.0149532	1.713392
#2	-.000550	.0129745	1.715054
#3	-.001110	.0132410	1.722747

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1371.373	2454.836	32538.52	6585.247	2596.925
Stddev	7.260	3.537	9.86	29.896	2.810
%RSD	.5293705	.1440860	.0302956	.4539859	.1081999

#1	1365.965	2451.022	32528.80	6611.524	2593.783
#2	1379.624	2458.008	32538.26	6591.499	2599.198
#3	1368.531	2455.479	32548.51	6552.720	2597.793

Sample Name: K5066-03LX5 Acquired: 10/02/2019 17:11:57 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v978) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: MDBAF9L Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1946846	.0027193	.0516500	.0086703	.0004959	26.58702	2.608593
Stddev	.0027651	.0033273	.0006916	.0017026	.0005666	.01820	.007607
%RSD	1.420302	122.3575	1.339054	19.63712	114.2490	.0684436	.2916323

#1	.1944589	.0021387	.0522799	.0067279	-.000105	26.59009	2.613216
#2	.1975556	-.000279	.0509099	.0093788	.001021	26.60348	2.612751
#3	.1920392	.006299	.0517602	.0099042	.000572	26.56748	2.599813

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0079945	.0017869	17.44170	.0446160	.0251106	.1048009	38.09964
Stddev	.0001122	.0000500	.02825	.0004171	.0001087	.0013265	.08306
%RSD	1.403389	2.800822	.1619513	.9347494	.4328179	1.265692	.2180092

#1	.0078681	.0017504	17.46954	.0450950	.0249869	.1035151	38.09448
#2	.0080824	.0017664	17.44250	.0444194	.0251539	.1047230	38.18516
#3	.0080331	.0018440	17.41307	.0443337	.0251909	.1061646	38.01928

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.2749172	3.234405	.0463480	-.000697	.8288671	.1832324	.3750754
Stddev	.0002772	.022527	.0000686	.000194	.1188019	.0024144	.0031345
%RSD	.1008491	.6964703	.1479923	27.78712	14.33305	1.317670	.8356928

#1	.2751214	3.230037	.0462721	-.000762	.8927143	.1856980	.3715230
#2	.2746016	3.214381	.0464056	-.000480	.6917933	.1831265	.3762514
#3	.2750286	3.258795	.0463663	-.000850	.9020937	.1808727	.3774518

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.199437	3.673607	.0595852	.0147139	3.434173	1.470533	.0019655
Stddev	.018478	.017201	.0008537	.0005114	.012825	.013489	.0006481
%RSD	.3553817	.4682193	1.432761	3.475496	.3734650	.9172799	32.97410

#1	5.215311	3.655013	.0591314	.0152914	3.421758	1.482590	.0026839
#2	5.203846	3.688951	.0605700	.0143187	3.433389	1.473044	.0017882
#3	5.179153	3.676858	.0590542	.0145314	3.447373	1.455965	.0014246

Sample Name: K5066-03LX5 Acquired: 10/02/2019 17:11:57 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v978) Mode: CONC Corr. Factor: 1.000000
 User: BIN Custom ID1: MDBAF9L Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.7811594	.0591972	.5527739
Stddev	.0005968	.0003768	.0003926
%RSD	.0763951	.6364448	.0710170

#1	.7805188	.0587818	.5528960
#2	.7816995	.0595168	.5530910
#3	.7812601	.0592930	.5523349

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1484.833	2667.781	35035.66	7141.896	2591.282
Stddev	9.511	3.118	83.10	32.944	4.263
%RSD	.6405403	.1168902	.2371874	.4612800	.1644952

#1	1491.000	2664.342	35122.51	7142.456	2589.980
#2	1489.620	2670.425	34956.91	7108.676	2596.043
#3	1473.880	2668.575	35027.55	7174.557	2587.822

Sample Name: K5066-02 Acquired: 10/02/2019 16:46:58 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v978) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: MDBAF8 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.6273239	.0095763	.1980690	.0337640	.0050646	93.26452
Stddev	.0063890	.0029759	.0020328	.0015037	.0018242	.06963
%RSD	1.018452	31.07600	1.026312	4.453604	36.01834	.0746631

#1	.6284927	.0130086	.2003816	.0350981	.0037062	93.34143
#2	.6204311	.0080035	.1965646	.0340593	.0071380	93.20575
#3	.6330477	.0077168	.1972609	.0321345	.0043497	93.24639

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	8.864162	.0269637	.0076947	97.02853	.1504748	.1163231
Stddev	.083216	.0001668	.0000636	.24944	.0002970	.0002430
%RSD	.9387875	.6184788	.8265996	.2570809	.1974018	.2088982

#1	8.948492	.0271508	.0076965	97.31610	.1501586	.1162665
#2	8.861888	.0269096	.0076302	96.89884	.1507481	.1165893
#3	8.782107	.0268307	.0077574	96.87064	.1505176	.1161133

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.3415365	129.7081	1.006786	19.21917	.2002915	-.001339
Stddev	.0011445	.2139	.003421	.08900	.0008460	.000315
%RSD	.3350957	.1649309	.3397759	.4631010	.4223694	23.50873

#1	.3420187	129.9290	1.010087	19.31548	.1999541	-.001207
#2	.3423610	129.5019	1.007014	19.20208	.2012541	-.001112
#3	.3402299	129.6934	1.003257	19.13995	.1996663	-.001698

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	3.116742	.6518680	1.186769	18.41163	F 15.86385	.1787535
Stddev	.165326	.0033463	.003116	.08239	.03142	.0014525
%RSD	5.304442	.5133432	.2625618	.4474670	.1980709	.8125742

#1	2.929819	.6549336	1.187284	18.43817	15.89502	.1775669
#2	3.176630	.6482982	1.183428	18.47747	15.83218	.1783203
#3	3.243779	.6523722	1.189596	18.31924	15.86435	.1803733

Sample Name: K5066-02 Acquired: 10/02/2019 16:46:58 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v978) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: MDBAF8 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0377009	11.95014	3.915095	.0119374	2.528648	.1751920
Stddev	.0003393	.00830	.031436	.0015939	.010189	.0017378
%RSD	.9001235	.0694684	.8029395	13.35191	.4029423	.9919633

#1	.0373433	11.95438	3.949734	.0126195	2.537770	.1769094
#2	.0377409	11.94058	3.888379	.0130768	2.517652	.1752323
#3	.0380184	11.95548	3.907170	.0101160	2.530520	.1734344

Elem	Sr4077
Units	ppm
Avg	1.980671
Stddev	.006117
%RSD	.3088154

#1	1.980482
#2	1.986880
#3	1.974652

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1817.434	3289.807	43474.02	8964.634	2451.270
Stddev	7.753	3.954	61.43	48.887	2.008
%RSD	.4265719	.1201773	.1413107	.5453364	.0819229

#1	1816.664	3286.367	43477.90	8928.617	2449.458
#2	1810.094	3288.928	43410.74	8945.000	2450.921
#3	1825.542	3294.126	43533.43	9020.287	2453.429

Sample Name: CCB082 Acquired: 10/02/2019 16:22:44 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v978) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: CCB082 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.004215	-.000966	-.001080	-.000445	-.000405	.0077967	-.000564
Stddev	.003232	.002767	.000520	.004526	.000542	.0011462	.000384
%RSD	76.69228	286.3177	48.12816	1018.085	133.8602	14.70110	68.13439

#1	-.002612	.002219	-.001659	.001070	-.001023	.0073543	-.000329
#2	-.002097	-.002341	-.000930	.003130	-.000182	.0069377	-.001007
#3	-.007935	-.002777	-.000652	-.005533	-.000010	.0090982	-.000355

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0000122	.0000074	.0088395	.0001299	.0001917	.0026837	.0166055
Stddev	.0000327	.0000712	.0001958	.0001398	.0001874	.0024398	.0022371
%RSD	267.4320	959.1266	2.215640	107.6696	97.74994	90.91300	13.47228

#1	.0000097	.0000217	.0086768	-.000013	-.000018	.0010687	.0186898
#2	.0000461	.0000705	.0087847	.000137	.000342	.0054903	.0168847
#3	-.000019	-.000070	.0090569	.000266	.000252	.0014921	.0142418

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0004387	.0004603	.0000554	-.000178	.4385988	-.002290	.0019638
Stddev	.0000899	.0123947	.0002720	.000146	.2601209	.001315	.0008873
%RSD	20.49954	2692.672	490.7057	82.38249	59.30725	57.40802	45.18068

#1	.0003516	-.013852	-.000129	-.000107	.1789086	-.003057	.0009397
#2	.0005312	.007612	-.000073	-.000346	.6991482	-.003043	.0024512
#3	.0004332	.007621	.000368	-.000080	.4377397	-.000772	.0025004

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1783618	.0038490	.0215373	.0004249	.0014173	.0033793	.0002809
Stddev	.0774649	.0017673	.0006384	.0003022	.0043565	.0005015	.0002858
%RSD	43.43131	45.91579	2.964172	71.12243	307.3893	14.84025	101.7676

#1	.2386084	.0058722	.0220675	.0005069	-.003491	.0029358	.0001224
#2	.2054974	.0030689	.0217157	.0000901	.002918	.0032785	.0006109
#3	.0909797	.0026061	.0208287	.0006776	.004825	.0039235	.0001094

Sample Name: CCB082 Acquired: 10/02/2019 16:22:44 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v978) Mode: CONC Corr. Factor: 1.000000
 User: BIN Custom ID1: CCB082 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.0009945	.0061912	.0001350
Stddev	.0008647	.0017915	.0000145
%RSD	86.95342	28.93667	10.75501

#1	.0019771	.0081307	.0001415
#2	.0006568	.0045984	.0001184
#3	.0003495	.0058445	.0001451

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1335.029	2415.467	31652.93	6436.943	2557.691
Stddev	8.752	6.462	42.27	24.987	5.809
%RSD	.6555745	.2675066	.1335475	.3881806	.2271365

#1	1324.936	2409.853	31636.33	6410.403	2554.643
#2	1340.516	2422.530	31700.98	6440.411	2564.390
#3	1339.636	2414.018	31621.48	6460.015	2554.039

Sample Name: K5065-10 Acquired: 10/02/2019 16:06:17 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v978) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: MDBAL8 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0014515	-.001081	.0025547	-.002803	-.000966	.0492982	.0510520
Stddev	.0028853	.000962	.0013133	.000434	.001206	.0011756	.0002422
%RSD	198.7767	88.98711	51.40849	15.47756	124.8261	2.384678	.4743175

#1	.0042676	-.000447	.0011338	-.002322	.000426	.0479801	.0510118
#2	-.001498	-.002188	.0028061	-.002921	-.001707	.0502381	.0508324
#3	.001585	-.000608	.0037241	-.003165	-.001617	.0496765	.0513117

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0000111	-.000031	69.75324	.0001285	-.001181	.0013208	.0295778
Stddev	.0000462	.000006	.27224	.0003167	.000187	.0003060	.0046585
%RSD	417.3308	18.79754	.3902882	246.3853	15.85006	23.16576	15.75012

#1	-.000040	-.000037	69.79130	.0004346	-.001074	.0010051	.0308118
#2	.000051	-.000030	69.46398	.0001487	-.001398	.0013412	.0334950
#3	.000022	-.000026	70.00445	-.000198	-.001073	.0016160	.0244264

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0158559	24.39482	.0002487	-.000206	6.557392	.0005784	.0030229
Stddev	.0004873	.13275	.0002554	.000302	.216061	.0025134	.0002208
%RSD	3.072998	.5441901	102.6854	146.2302	3.294926	434.5177	7.303384

#1	.0161142	24.31760	-.000032	-.000226	6.763987	-.002313	.0027803
#2	.0152939	24.31874	.000311	.000105	6.332969	.001803	.0032120
#3	.0161597	24.54811	.000467	-.000498	6.575219	.002245	.0030763

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.936441	.0262472	.0114655	-.000212	3.826312	4.811403	-.002811
Stddev	.036762	.0026929	.0007625	.000102	.014990	.003821	.002163
%RSD	1.898452	10.25993	6.650245	47.90758	.3917491	.0794121	76.92292

#1	1.894032	.0287912	.0122756	-.000223	3.810246	4.813277	-.003473
#2	1.959244	.0234267	.0113591	-.000308	3.839922	4.807007	-.000395
#3	1.956048	.0265237	.0107619	-.000106	3.828769	4.813924	-.004566

Sample Name: K5065-10 Acquired: 10/02/2019 16:06:17 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v978) Mode: CONC Corr. Factor: 1.000000
 User: BIN Custom ID1: MDBAL8 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.0004653	-.000228	.2005360
Stddev	.0003736	.000987	.0002805
%RSD	80.30995	432.3035	.1398889

#1	.0001378	.000749	.2002507
#2	.0003857	-.000210	.2008115
#3	.0008723	-.001224	.2005459

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1383.605	2482.532	32615.34	6582.874	2624.976
Stddev	6.683	4.159	159.56	8.199	2.525
%RSD	.4830435	.1675453	.4892277	.1245481	.0961854

#1	1376.093	2480.405	32628.71	6584.645	2622.536
#2	1385.831	2479.865	32767.79	6590.042	2624.815
#3	1388.892	2487.324	32449.51	6573.934	2627.578

Sample Name: K5059-07DLX2 Acquired: 10/02/2019 18:09:17 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v978) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: MDBAE5 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0472605	.0019082	.1884203	-.007622	-.001166	40.58588
Stddev	.0018648	.0020134	.0019408	.002566	.001218	.08183
%RSD	3.945802	105.5116	1.030057	33.66580	104.4874	.2016141

#1	.0494050	.0015431	.1905487	-.010185	-.000267	40.51729
#2	.0460194	.0040791	.1867486	-.007628	-.002552	40.56391
#3	.0463572	.0001023	.1879635	-.005053	-.000678	40.67646

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.3874764	.0062592	.0078523	222.1905	.1950533	.0868565
Stddev	.0007665	.0001267	.0001386	.9862	.0010765	.0001389
%RSD	.1978216	2.025080	1.765006	.4438597	.5519030	.1598976

#1	.3866264	.0061865	.0079737	221.2712	.1956196	.0867344
#2	.3881151	.0064056	.0078819	222.0682	.1938118	.0868275
#3	.3876878	.0061856	.0077012	223.2322	.1957284	.0870076

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1414229	161.7096	2.836843	16.75219	.0924914	-.002148
Stddev	.0033912	.7645	.017976	.13242	.0004485	.000330
%RSD	2.397910	.4727353	.6336721	.7904556	.4849041	15.34419

#1	.1428278	160.9041	2.818131	16.62183	.0928015	-.002429
#2	.1438858	161.7995	2.838417	16.74816	.0926956	-.002231
#3	.1375550	162.4251	2.853980	16.88658	.0919771	-.001785

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.2618587	.2171169	17.81108	1.552980	F 12.91569	-.002768
Stddev	.1368312	.0019044	.05229	.023690	.04625	.001538
%RSD	52.25383	.8771081	.2935952	1.525485	.3580646	55.57171

#1	.4179713	.2153745	17.82862	1.574878	12.86240	-.004479
#2	.2048836	.2191498	17.75228	1.527832	12.94527	-.001499
#3	.1627212	.2168263	17.85236	1.556231	12.93940	-.002327

Sample Name: K5059-07DLX2 Acquired: 10/02/2019 18:09:17 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v978) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: MDBAE5 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0033859	28.71448	1.072864	.0007818	.5444621	.0364511
Stddev	.0000512	.06087	.007169	.0001413	.0023232	.0010067
%RSD	1.513378	.2119773	.6681872	18.06838	.4266880	2.761638

#1	.0033961	28.65113	1.065236	.0007429	.5431759	.0372738
#2	.0033303	28.71980	1.073894	.0006642	.5430666	.0367508
#3	.0034312	28.77252	1.079463	.0009385	.5471439	.0353286

Elem	Sr4077
Units	ppm
Avg	.3509271
Stddev	.0004726
%RSD	.1346578

#1	.3508826
#2	.3504783
#3	.3514203

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1648.239	2990.964	39278.84	8037.204	2433.718
Stddev	7.213	1.407	202.39	6.660	.403
%RSD	.4376133	.0470350	.5152621	.0828679	.0165727

#1	1639.918	2989.489	39045.48	8041.963	2433.976
#2	1652.102	2992.291	39406.33	8040.057	2433.925
#3	1652.698	2991.110	39384.72	8029.593	2433.253

Sample Name: CCB084 Acquired: 10/02/2019 19:03:55 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v978) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: CCB084 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.002601	-.001609	-.000370	-.000702	-.000942	.0079799	-.000076
Stddev	.000561	.000778	.001406	.001349	.000874	.0063612	.000650
%RSD	21.54745	48.33527	380.2387	192.2498	92.83221	79.71460	852.0718

#1	-.002456	-.001130	.001230	-.001400	.000016	.0039003	.000579
#2	-.002128	-.001190	-.000932	-.001559	-.001145	.0153096	-.000087
#3	-.003220	-.002506	-.001407	.000853	-.001696	.0047299	-.000720

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000029	-.000064	.0126006	.0001625	.0001794	.0021788	.0170454
Stddev	.000016	.000047	.0097155	.0003933	.0001134	.0010333	.0013018
%RSD	57.05338	73.04299	77.10309	241.9642	63.18661	47.42709	7.637289

#1	-.000041	-.000080	.0223117	.0005978	.0000698	.0033620	.0164614
#2	-.000010	-.000101	.0126095	.0000573	.0001723	.0017208	.0161378
#3	-.000035	-.000011	.0028807	-.000167	.0002962	.0014537	.0185369

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0004133	.0296739	.0004164	-.000048	.0158908	.0000723	.0001901
Stddev	.0003869	.0393032	.0003383	.000283	.1977036	.0007429	.0011695
%RSD	93.61466	132.4501	81.25251	591.8747	1244.139	1027.146	615.3537

#1	.0006545	.0749638	.0007616	-.000319	.2441655	.0005042	-.000191
#2	.0006183	.0095515	.0004022	.000245	-.100412	.0004982	.001502
#3	-.000033	.0045065	.0000854	-.000069	-.096081	-.000785	-.000742

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0036610	-.000478	.0125763	.0002841	.0050604	.0015270	.0002070
Stddev	.0722465	.001367	.0006836	.0003621	.0026334	.0009945	.0006267
%RSD	1973.426	285.9466	5.435801	127.4413	52.03912	65.12389	302.7602

#1	-.077639	.000586	.0126855	-.000098	.0049557	.0004895	.0003925
#2	.060507	-.000000	.0131987	.000622	.0024810	.0016197	.0007200
#3	.028114	-.002019	.0118446	.000328	.0077446	.0024719	-.000492

Sample Name: CCB084 Acquired: 10/02/2019 19:03:55 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v978) Mode: CONC Corr. Factor: 1.000000
 User: BIN Custom ID1: CCB084 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.0008063	.0045425	.0001634
Stddev	.0008797	.0017641	.0000602
%RSD	109.0930	38.83570	36.83753

#1	.0010415	.0063955	.0002113
#2	-.000167	.0043486	.0001831
#3	.001545	.0028833	.0000958

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1357.264	2489.177	31941.16	6290.944	2622.150
Stddev	4.889	5.395	19.08	5.758	5.668
%RSD	.3602265	.2167520	.0597434	.0915355	.2161488

#1	1354.638	2491.814	31921.32	6288.429	2617.847
#2	1362.905	2492.746	31942.78	6297.532	2628.572
#3	1354.250	2482.970	31959.38	6286.871	2620.032

Sample Name: CCB083 Acquired: 10/02/2019 18:00:56 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v978) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: CCB083 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0025397	-.001542	-.000797	.0013028	-.001493	.0096501	.0000032
Stddev	.0022706	.002583	.001802	.0031066	.001729	.0068241	.0002226
%RSD	89.40452	167.5617	226.1529	238.4592	115.8087	70.71569	7015.609

#1	.0014659	.000263	-.002760	.0024283	-.003451	.0174207	.0002585
#2	.0051481	-.000387	-.000415	-.002210	-.000850	.0046327	-.000150
#3	.0010052	-.004501	.000784	.003690	-.000178	.0068969	-.000099

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0000049	.0001288	.0139550	.0003836	.0003203	.0032847	.0271295
Stddev	.0000422	.0000594	.0055515	.0003129	.0001428	.0025366	.0095906
%RSD	858.3046	46.11853	39.78171	81.58661	44.57309	77.22483	35.35137

#1	.0000329	.0001866	.0201870	.0004047	.0004431	.0036408	.0381174
#2	.0000255	.0000679	.0095384	.0000606	.0003541	.0005888	.0228310
#3	-.000044	.0001319	.0121397	.0006854	.0001637	.0056243	.0204400

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0005678	.0250939	-.000296	-.000119	-.013667	.0003741	.0007493
Stddev	.0001730	.0163863	.000290	.000172	.108698	.0007546	.0005314
%RSD	30.46918	65.29999	97.79384	144.1359	795.3231	201.7473	70.91259

#1	.0007671	.0437650	-.000260	-.000301	.064575	-.000038	.0012300
#2	.0004815	.0131025	-.000603	.000042	.032206	.001245	.0008392
#3	.0004550	.0184142	-.000027	-.000099	-.137782	-.000085	.0001788

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.022714	.0004061	.0129763	.0004341	.0111669	.0029251	.0001510
Stddev	.039508	.0020057	.0014067	.0003726	.0004528	.0004828	.0009350
%RSD	173.9327	493.8489	10.84057	85.84512	4.054736	16.50588	619.3253

#1	-.067597	.0002902	.0142980	.0008058	.0116407	.0025672	.0012150
#2	.006800	.0024672	.0131333	.0000605	.0107385	.0034742	-.000222
#3	-.007346	-.001539	.0114977	.0004359	.0111214	.0027339	-.000540

Sample Name: CCB083 Acquired: 10/02/2019 18:00:56 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v978) Mode: CONC Corr. Factor: 1.000000
 User: BIN Custom ID1: CCB083 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.0006156	.0031692	.0001977
Stddev	.0016616	.0004099	.0000263
%RSD	269.9141	12.93331	13.32219

#1	-.001034	.0032480	.0002021
#2	.000591	.0035341	.0001694
#3	.002289	.0027257	.0002214

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1368.676	2464.867	32092.47	6405.118	2602.739
Stddev	3.917	3.915	110.75	41.500	4.091
%RSD	.2861613	.1588502	.3451062	.6479185	.1571869

#1	1364.156	2466.340	31974.76	6441.892	2598.351
#2	1371.047	2467.831	32194.62	6413.340	2606.449
#3	1370.827	2460.428	32108.03	6360.123	2603.417

Sample Name: K5059-06DL2X4 Acquired: 10/02/2019 18:33:26 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v978) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: MDBAE3 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0266881	-.000680	.0563168	-.002071	.0004598	10.94539	.1344654
Stddev	.0046400	.003229	.0005534	.004038	.0023340	.03263	.0002150
%RSD	17.38619	474.6217	.9825889	195.0287	507.6052	.2981291	.1598855

#1	.0310747	-.004073	.0564027	-.005038	.0028712	10.91459	.1346549
#2	.0218305	-.000323	.0568222	-.003702	.0002966	10.94199	.1345095
#3	.0271591	.002355	.0557255	.002528	-.001788	10.97959	.1342318

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0026151	.0013425	459.6080	.0680814	.0280460	.0107986	71.98081
Stddev	.0000446	.0000458	1.0376	.0002743	.0002382	.0015099	.07145
%RSD	1.706984	3.413288	.2257638	.4028803	.8493177	13.98221	.0992659

#1	.0026621	.0012964	460.4957	.0679845	.0278985	.0090660	72.05621
#2	.0026100	.0013881	458.4673	.0683909	.0279187	.0118335	71.91410
#3	.0025732	.0013430	459.8611	.0678686	.0283208	.0114961	71.97213

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	3.038907	28.67845	.0265477	-.001097	-.215863	.0852970	.0950564
Stddev	.008593	.00957	.0002699	.000259	.334931	.0021596	.0024731
%RSD	.2827766	.0333534	1.016693	23.57652	155.1593	2.531892	2.601709

#1	3.044915	28.66862	.0267170	-.000911	-.366772	.0875263	.0973631
#2	3.029064	28.67901	.0266897	-.001393	.167973	.0851502	.0924451
#3	3.042742	28.68773	.0262364	-.000989	-.448788	.0832145	.0953610

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.6664782	2.582943	-.000885	.0008564	2.222603	2.046144	-.005016
Stddev	.0236588	.012207	.001067	.0001116	.013480	.020285	.001105
%RSD	3.549821	.4725963	120.6281	13.02629	.6065056	.9913582	22.03679

#1	.6854468	2.571858	.000189	.0008359	2.227079	2.043342	-.003777
#2	.6740197	2.596025	-.001945	.0009768	2.207454	2.067684	-.005368
#3	.6399680	2.580946	-.000899	.0007566	2.233276	2.027406	-.005902

Sample Name: K5059-06DL2X4 Acquired: 10/02/2019 18:33:26 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v978) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: MDBAE3 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.0920269	.0200057	.6563709
Stddev	.0009611	.0008072	.0021843
%RSD	1.044345	4.035036	.3327838

#1	.0922503	.0209201	.6564918
#2	.0909738	.0193916	.6541286
#3	.0928565	.0197055	.6584922

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1346.992	2463.101	32128.61	6544.298	2383.491
Stddev	2.798	2.494	88.12	15.191	8.227
%RSD	.2076908	.1012433	.2742637	.2321190	.3451834

#1	1347.693	2461.624	32204.47	6529.919	2390.367
#2	1343.911	2465.981	32031.96	6542.788	2385.730
#3	1349.373	2461.700	32149.42	6560.187	2374.375

Sample Name: K5063-09A Acquired: 10/02/2019 18:41:37 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v978) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: MDBAK2A Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1778276	-.002352	.6350870	.0058516	.0076828	57.33369
Stddev	.0015179	.001240	.0059288	.0014947	.0017173	.23432
%RSD	.8535589	52.71663	.9335435	25.54295	22.35263	.4086939

#1	.1792569	-.003502	.6310125	.0075773	.0072402	57.29699
#2	.1779915	-.001039	.6418886	.0050128	.0095781	57.11988
#3	.1762345	-.002515	.6323597	.0049647	.0062301	57.58419

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.674147	.0061120	.0218672	F 1952.141	.1583082	.0786329
Stddev	.008073	.0001512	.0002599	20.333	.0003849	.0003381
%RSD	.4822168	2.474444	1.188590	1.041599	.2431529	.4299536

#1	1.671858	.0062714	.0216635	1942.738	.1581489	.0787402
#2	1.667465	.0060941	.0221599	1938.210	.1587473	.0782541
#3	1.683117	.0059705	.0217781	1975.474	.1580286	.0789042

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.339492	145.2987	4.435916	51.51501	.1626665	-.000565
Stddev	.006715	.7706	.034596	.33321	.0003472	.000231
%RSD	.5012789	.5303417	.7799150	.6468155	.2134373	40.93147

#1	1.340900	145.0517	4.421660	51.40759	.1626600	-.000360
#2	1.332185	144.6820	4.410725	51.24876	.1623225	-.000816
#3	1.345391	146.1626	4.475362	51.88868	.1630168	-.000519

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	13.18152	.1400783	14.39387	4.343794	5.866296	.0459823
Stddev	.00313	.0030253	.07772	.037724	.021154	.0010809
%RSD	.0237823	2.159691	.5399244	.8684489	.3605960	2.350660

#1	13.17792	.1389485	14.40364	4.384585	5.847649	.0466238
#2	13.18300	.1377806	14.46624	4.310165	5.861956	.0465887
#3	13.18364	.1435059	14.31173	4.336632	5.889283	.0447343

Sample Name: K5063-09A Acquired: 10/02/2019 18:41:37 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v978) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: MDBAK2A Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0096072	F 166.5129	7.243388	.0333914	.2248300	.2693547
Stddev	.0003752	.6614	.074769	.0008018	.0019692	.0019779
%RSD	3.905807	.3972255	1.032243	2.401082	.8758685	.7343046
#1	.0093535	165.7635	7.255042	.0326051	.2261192	.2676780
#2	.0100382	166.7599	7.163475	.0333612	.2225632	.2688501
#3	.0094298	167.0153	7.311645	.0342078	.2258074	.2715360

Elem	Sr4077
Units	ppm
Avg	4.563922
Stddev	.037325
%RSD	.8178366
#1	4.535727
#2	4.549790
#3	4.606250

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1571.731	2863.205	38137.71	8117.421	2039.453
Stddev	5.373	3.138	167.92	75.625	1.842
%RSD	.3418491	.1095927	.4402967	.9316443	.0903012
#1	1572.168	2859.844	38278.99	8138.309	2038.277
#2	1566.153	2866.058	37952.06	8180.407	2038.507
#3	1576.872	2863.712	38182.08	8033.546	2041.576

Sample Name: K5059-09A Acquired: 10/02/2019 18:55:41 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v978) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: MDBAE9A Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.026132	.0221788	.1429365	.0713069	.1343250	217.8946	.3272079
Stddev	.002345	.0006858	.0016838	.0026979	.0005464	.9353	.0015750
%RSD	8.973431	3.092139	1.178016	3.783528	.4067392	.4292412	.4813563

#1	-.023769	.0226646	.1409963	.0726715	.1348289	217.2640	.3265065
#2	-.026167	.0213943	.1437973	.0681993	.1337443	217.4507	.3261054
#3	-.028459	.0224776	.1440159	.0730499	.1344017	218.9692	.3290118

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0149989	.0102755	36.43458	.3250840	.0606337	.1247490	741.6790
Stddev	.0001491	.0003380	.37618	.0028887	.0001614	.0014833	6.8493
%RSD	.9943953	3.289622	1.032483	.8885936	.2662562	1.189029	.9234847

#1	.0149089	.0103456	36.24675	.3237326	.0604607	.1246830	742.2228
#2	.0149167	.0105729	36.18930	.3284007	.0607804	.1232998	734.5741
#3	.0151711	.0099079	36.86769	.3231187	.0606600	.1262642	748.2403

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.7069658	9.610137	.0785368	-.008746	-.667153	.8896651	.6602468
Stddev	.0050137	.062800	.0008098	.000793	.145240	.0030791	.0034863
%RSD	.7091822	.6534801	1.031044	9.061603	21.77016	.3460944	.5280267

#1	.7038699	9.583898	.0794717	-.008477	-.642341	.8875635	.6627351
#2	.7042773	9.564712	.0780840	-.009638	-.535918	.8882323	.6617431
#3	.7127503	9.681802	.0780548	-.008123	-.823202	.8931995	.6562621

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	3.667015	3.560877	-.027055	-.000655	4.358306	12.24931	.0133753
Stddev	.028701	.003450	.014853	.000483	.005397	.07839	.0009972
%RSD	.7826872	.0968844	54.89719	73.79422	.1238353	.6399414	7.455446

#1	3.655185	3.561322	-.013029	-.001210	4.353743	12.19255	.0127039
#2	3.699740	3.564083	-.042615	-.000422	4.364263	12.21663	.0145211
#3	3.646119	3.557226	-.025522	-.000332	4.356911	12.33875	.0129009

Sample Name: K5059-09A Acquired: 10/02/2019 18:55:41 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v978) Mode: CONC Corr. Factor: 1.000000
 User: BIN Custom ID1: MDBAE9A Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	2.905838	.0583000	.0772663
Stddev	.011134	.0011431	.0002507
%RSD	.3831566	1.960718	.3244488

#1	2.902115	.0574545	.0769969
#2	2.897044	.0578450	.0773092
#3	2.918357	.0596006	.0774927

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1387.986	2541.641	33108.67	6650.262	2482.656
Stddev	6.976	4.874	130.72	43.275	4.359
%RSD	.5025893	.1917622	.3948313	.6507256	.1755598

#1	1386.437	2536.326	33218.48	6679.387	2485.261
#2	1395.606	2542.697	32964.07	6670.865	2477.624
#3	1381.915	2545.901	33143.45	6600.536	2485.083